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Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed. We post it as supplied by the authors.

Supplement to: Lozano R, Naghavi M, Foreman K, et al. Global and regional mortality from 235 causes of death for 20 age groups in 1990 and 2010: a systematic analysis for the Global Burden of Disease Study 2010. *Lancet* 2012; **380:** 2095–128.

Appendix to Global and regional mortality from 235 causes of death for 20 age groups in 1990 and 2010: a systematic analysis for the Global Burden of Disease Study 2010

This appendix provides further methodological detail, supplemental figures and more detailed results for causes of death and years of life lost. The appendix is organized in five broad sections following the structure of the main paper.

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Section 1. Database

A. Site-years of cause of death data

Web Table 1a provides a summary of the site-years of data by main data type. Web Table 1b provides site years of data organized by Global Burden of Disease (GBD) region.

Web Table 1a – Total number of site-years used for each cause of death by source type									
Cause	**Vital Registration**	**Verbal Autopsy**	**Surveillance**	**Survey / Census**	**Cancer Registry**	**Sibling History**	**Burial / Mortuary**	**Hospital Records**	**Police Records**
Communicable, maternal, neonatal, and nutritional disorders									
HIV/AIDS and tuberculosis									
Tuberculosis	2,762	105	17	0	0	0	0	0	0
HIV/AIDS	2,281	51	20	0	0	0	0	0	0
HIV disease resulting in mycobacterial infection	1,063	6	0	0	0	0	0	0	0
HIV disease resulting in other specified or unspecified diseases	1,063	6	0	0	0	0	0	0	0
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases									
Diarrheal diseases	2,750	239	25	0	0	0	0	0	0
Cholera	2,399	17	5	0	0	0	0	0	0
Other salmonella infections	1,614	1	0	0	0	0	0	0	0
Shigellosis	2,314	17	5	0	0	0	0	0	0
Enteropathogenic E coli infection	1,611	0	0	0	0	0	0	0	0
Enterotoxigenic E coli infection	1,611	0	0	0	0	0	0	0	0
Campylobacter enteritis	1,611	0	0	0	0	0	0	0	0
Amoebiasis	2,294	18	0	0	0	0	0	0	0
Cryptosporidiosis	1,611	0	0	0	0	0	0	0	0
Rotaviral enteritis	1,611	0	0	0	0	0	0	0	0
Other diarrheal diseases	1,616	8	0	0	0	0	0	0	0
Typhoid and paratyphoid fevers	2,646	5	5	0	0	0	0	0	0
Lower respiratory infections	2,725	100	17	0	0	0	0	0	0
Influenza	1,773	2	0	0	0	0	0	0	0
Pneumococcal pneumonia	1,704	1	0	0	0	0	0	0	0
H influenzae type B pneumonia	1,611	0	0	0	0	0	0	0	0
Respiratory syncytial virus pneumonia	1,611	0	0	0	0	0	0	0	0
Other lower respiratory infections	1,773	8	0	0	0	0	0	0	0
Upper respiratory infections	2,448	4	17	0	0	0	0	0	0
Otitis media	2,391	0	12	0	0	0	0	0	0
Meningitis	2,483	36	17	0	0	0	0	0	0
Pneumococcal meningitis	1,611	0	0	0	0	0	0	0	0
H influenzae type B meningitis	1,611	0	0	0	0	0	0	0	0
Meningococcal infection	2,713	1	5	0	0	0	0	0	0
Other meningitis	1,611	8	0	0	0	0	0	0	0
Encephalitis	2,316	8	17	0	0	0	0	0	0
Diphtheria	2,473	5	17	0	0	0	0	0	0
Whooping cough	2,759	28	12	0	0	0	0	0	0
Tetanus	2,759	141	17	0	0	0	0	0	0
Measles	2,761	133	17	0	0	0	0	0	0
Varicella	2,356	5	0	0	0	0	0	0	0
Neglected tropical diseases and malaria									
Malaria	2,761	141	17	0	0	0	0	0	0
Chagas disease	2,446	0	12	0	0	0	0	0	0
Leishmaniasis	2,361	1	12	0	0	0	0	0	0

Web Table 1a – Total number of site-years used for each cause of death by source type									
Cause	**Vital Registration**	**Verbal Autopsy**	**Surveillance**	**Survey / Census**	**Cancer Registry**	**Sibling History**	**Burial / Mortuary**	**Hospital Records**	**Police Records**
African trypanosomiasis	1,611	0	12	0	0	0	0	0	0
Schistosomiasis	2,466	1	17	0	0	0	0	0	0
Cysticercosis	1,611	1	0	0	0	0	0	0	0
Echinococcosis	2,360	0	0	0	0	0	0	0	0
Lymphatic filariasis									
Onchocerciasis									
Trachoma									
Dengue	1,611	2	12	0	0	0	0	0	0
Yellow fever									
Rabies	2,373	33	34	0	0	0	0	0	0
Intestinal nematode infections	1,701	3	12	0	0	0	0	0	0
Ascariasis	1,611	1	12	0	0	0	0	0	0
Trichuriasis									
Hookworm disease									
Food-borne trematodiases									
Other neglected tropical diseases	1,677	3	17	0	0	0	0	0	0
Maternal disorders	2,780	215	83	52	0	1,557	8	0	0
Maternal hemorrhage	2,652	37	17	2	0	0	0	0	0
Maternal sepsis	2,323	21	17	2	0	0	0	0	0
Hypertensive disorders of pregnancy	2,655	32	17	2	0	0	0	0	0
Obstructed labor	2,326	24	12	2	0	0	0	0	0
Abortion	2,725	33	17	2	0	0	0	0	0
Other maternal disorders	1,738	34	17	0	0	0	0	0	0
Neonatal disorders	2,767	191	17	0	0	0	0	0	0
Preterm birth complications	1,680	166	8	0	0	0	0	0	0
Neonatal encephalopathy (birth asphyxia and birth trauma)	1,770	153	8	0	0	0	0	0	0
Sepsis and other infectious disorders of the newborn baby	1,729	99	0	0	0	0	0	0	0
Other neonatal disorders	1,777	92	0	0	0	0	0	0	0
Nutritional deficiencies	2,505	134	17	0	0	0	0	0	0
Protein-energy malnutrition	2,464	32	17	0	0	0	0	0	0
Iodine deficiency	1,701	0	12	0	0	0	0	0	0
Vitamin A deficiency									
Iron-deficiency anemia	2,660	25	17	0	0	0	0	0	0
Other nutritional deficiencies	1,614	5	12	0	0	0	0	0	0
Other communicable, maternal, neonatal, and nutritional disorders									
Sexually transmitted diseases excluding HIV	2,714	26	17	0	0	0	0	0	0
Syphilis	2,381	1	17	0	0	0	0	0	0
Sexually transmitted chlamydial diseases	1,611	0	12	0	0	0	0	0	0
Gonococcal infection	2,379	0	12	0	0	0	0	0	0
Trichomoniasis									
Other sexually transmitted diseases	1,063	0	12	0	0	0	0	0	0
Hepatitis	2,753	68	17	0	0	0	0	0	0
Acute hepatitis A	1,616	0	0	0	0	0	0	0	0

Web Table 1a – Total number of site-years used for each cause of death by source type									
Cause	**Vital Registration**	**Verbal Autopsy**	**Surveillance**	**Survey / Census**	**Cancer Registry**	**Sibling History**	**Burial / Mortuary**	**Hospital Records**	**Police Records**
Acute hepatitis B	1,616	4	12	0	0	0	0	0	0
Acute hepatitis C	1,613	1	12	0	0	0	0	0	0
Acute hepatitis E	1,613	0	0	0	0	0	0	0	0
Leprosy									
Other infectious diseases	2,760	39	17	0	0	0	0	0	0
Non-communicable diseases									
Neoplasms									
Esophageal cancer	2,745	14	17	0	1,226	0	0	0	0
Stomach cancer	2,746	19	17	0	1,232	0	0	0	0
Liver cancer	2,655	19	17	0	1,223	0	0	0	0
Liver cancer secondary to hepatitis B									
Liver cancer secondary to hepatitis C									
Liver cancer secondary to alcohol use									
Other liver cancer									
Larynx cancer	2,702	5	0	0	1,228	0	0	0	0
Trachea, bronchus and lung cancers	2,723	8	17	0	1,232	0	0	0	0
Breast cancer	2,746	36	17	0	1,232	0	0	0	0
Cervical cancer	2,723	10	17	0	1,232	0	0	0	0
Uterine cancer	2,702	4	17	0	1,231	0	0	0	0
Prostate cancer	2,725	10	12	0	1,232	0	0	0	0
Colon and rectum cancers	2,746	17	17	0	1,232	0	0	0	0
Mouth cancer	1,616	7	0	0	1,227	0	0	0	0
Nasopharynx cancer	1,631	4	5	0	1,222	0	0	0	0
Cancer of other part of pharynx and oropharynx	1,611	5	0	0	1,227	0	0	0	0
Gallbladder and biliary tract cancer	1,611	6	0	0	1,215	0	0	0	0
Pancreatic cancer	2,373	3	12	0	1,228	0	0	0	0
Malignant melanoma of skin	2,373	3	12	0	1,219	0	0	0	0
Non-melanoma skin cancer	2,301	4	0	0	0	0	0	0	0
Ovarian cancer	2,373	4	12	0	1,231	0	0	0	0
Testicular cancer	2,294	2	0	0	1,215	0	0	0	0
Kidney and other urinary organ cancers	1,616	3	0	0	1,230	0	0	0	0
Bladder cancer	2,393	7	12	0	1,230	0	0	0	0
Brain and nervous system cancers	2,361	10	0	0	1,224	0	0	0	0
Thyroid cancer	1,616	2	0	0	1,231	0	0	0	0
Hodgkin's disease	2,306	1	0	0	1,227	0	0	0	0
Non-Hodgkin's lymphoma	1,695	7	0	0	1,226	0	0	0	0
Multiple myeloma	1,683	3	0	0	1,215	0	0	0	0
Leukemia	2,723	23	17	0	1,222	0	0	0	0
Other neoplasms	2,748	25	17	0	0	0	0	0	0
Cardiovascular and circulatory diseases	2,767	112	17	0	0	0	0	0	0
Rheumatic heart disease	2,744	24	17	0	0	0	0	0	0
Ischemic heart disease	2,760	67	17	0	0	0	0	0	0
Cerebrovascular disease	2,760	61	24	0	0	0	0	0	0

Web Table 1a – Total number of site-years used for each cause of death by source type									
Cause	**Vital Registration**	**Verbal Autopsy**	**Surveillance**	**Survey / Census**	**Cancer Registry**	**Sibling History**	**Burial / Mortuary**	**Hospital Records**	**Police Records**
Ischemic stroke	2,289	3	0	0	0	0	0	0	0
Hemorrhagic and other non-ischemic stroke	2,289	3	0	0	0	0	0	0	0
Hypertensive heart disease	2,329	10	17	0	0	0	0	0	0
Cardiomyopathy and myocarditis	1,616	6	0	0	0	0	0	0	0
Atrial fibrillation and flutter	1,611	1	0	0	0	0	0	0	0
Aortic aneurysm	1,616	1	0	0	0	0	0	0	0
Peripheral vascular disease	1,614	3	0	0	0	0	0	0	0
Endocarditis	1,616	1	0	0	0	0	0	0	0
Other cardiovascular and circulatory diseases	2,408	10	17	0	0	0	0	0	0
Chronic respiratory diseases	2,762	95	17	0	0	0	0	0	0
Chronic obstructive pulmonary disease	1,784	9	17	0	0	0	0	0	0
Pneumoconiosis	1,636	3	5	0	0	0	0	0	0
Asthma	1,763	9	12	0	0	0	0	0	0
Interstitial lung disease and pulmonary sarcoidosis	1,611	1	0	0	0	0	0	0	0
Other chronic respiratory diseases	1,649	9	17	0	0	0	0	0	0
Cirrhosis of the liver	2,748	80	17	0	0	0	0	0	0
Cirrhosis of the liver secondary to hepatitis B									
Cirrhosis of the liver secondary to hepatitis C									
Cirrhosis of the liver secondary to alcohol use									
Other cirrhosis of the liver									
Digestive diseases (except cirrhosis)	2,666	89	17	0	0	0	0	0	0
Peptic ulcer disease	2,725	38	17	0	0	0	0	0	0
Gastritis and duodenitis	1,713	4	0	0	0	0	0	0	0
Appendicitis	2,725	21	17	0	0	0	0	0	0
Paralytic ileus and intestinal obstruction without hernia	2,468	26	0	0	0	0	0	0	0
Inguinal or femoral hernia	2,607	17	0	0	0	0	0	0	0
Noninfective inflammatory bowel disease	1,611	3	0	0	0	0	0	0	0
Vascular disorders of intestine	1,611	1	0	0	0	0	0	0	0
Gall bladder and bile duct disease	2,504	6	5	0	0	0	0	0	0
Pancreatitis	1,616	2	0	0	0	0	0	0	0
Other digestive diseases	1,706	17	12	0	0	0	0	0	0
Neurological disorders									
Alzheimer's disease and other dementias	1,667	2	12	0	0	0	0	0	0
Parkinson's disease	2,289	3	12	0	0	0	0	0	0
Epilepsy	2,623	29	12	0	0	0	0	0	0
Multiple sclerosis	2,623	1	12	0	0	0	0	0	0
Migraine									
Tension-type headache									
Other neurological disorders	2,080	10	2	0	0	0	0	0	0
Mental and behavioral disorders									
Schizophrenia	2,294	7	17	0	0	0	0	0	0
Alcohol use disorders	2,598	7	12	0	0	0	0	0	0
Drug use disorders	2,606	4	12	0	0	0	0	0	0

Web Table 1a – Total number of site-years used for each cause of death by source type									
Cause	Vital Registration	Verbal Autopsy	Surveillance	Survey / Census	Cancer Registry	Sibling History	Burial / Mortuary	Hospital Records	Police Records
Opioid use disorders	1,614	3	0	0	0	0	0	0	0
Cocaine use disorders	1,611	0	0	0	0	0	0	0	0
Amphetamine use disorders	1,611	1	0	0	0	0	0	0	0
Cannabis use disorders									
Other drug use disorders	1,611	2	0	0	0	0	0	0	0
Unipolar depressive disorders									
Major depressive disorder									
Dysthymia									
Bipolar affective disorder									
Anxiety disorders									
Eating disorders	1,611	3	0	0	0	0	0	0	0
Pervasive development disorders									
Autism									
Asperger's syndrome									
Childhood behavioral disorders									
Attention-deficit hyperactivity disorder									
Conduct disorder									
Idiopathic intellectual disability									
Other mental and behavioral disorders	1,613	4	17	0	0	0	0	0	0
Diabetes, urogenital, blood, and endocrine diseases									
Diabetes mellitus	2,748	82	17	0	0	0	0	0	0
Acute glomerulonephritis	1,706	5	0	0	0	0	0	0	0
Chronic kidney diseases	2,713	12	12	0	0	0	0	0	0
Chronic kidney disease due to diabetes mellitus	1,611	4	0	0	0	0	0	0	0
Chronic kidney disease due to hypertension	1,611	7	0	0	0	0	0	0	0
Chronic kidney disease unspecified	1,611	6	0	0	0	0	0	0	0
Urinary diseases and male infertility	2,624	11	12	0	0	0	0	0	0
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	2,627	5	0	0	0	0	0	0	0
Urolithiasis	2,379	5	0	0	0	0	0	0	0
Benign prostatic hyperplasia									
Male infertility									
Other urinary diseases	2,243	11	12	0	0	0	0	0	0
Gynecological diseases	2,381	7	5	0	0	0	0	0	0
Uterine fibroids	1,611	5	0	0	0	0	0	0	0
Polycystic ovarian syndrome									
Female infertility									
Endometriosis	1,611	0	0	0	0	0	0	0	0
Genital prolapse	2,289	4	0	0	0	0	0	0	0
Premenstrual syndrome									
Other gynecological diseases	1,611	3	5	0	0	0	0	0	0
Hemoglobinopathies and hemolytic anemias	1,613	7	0	0	0	0	0	0	0
Thalassemias	1,616	1	0	0	0	0	0	0	0

Web Table 1a – Total number of site-years used for each cause of death by source type									
Cause	Vital Registration	Verbal Autopsy	Surveillance	Survey / Census	Cancer Registry	Sibling History	Burial / Mortuary	Hospital Records	Police Records
Sickle cell disorders	1,611	4	0	0	0	0	0	0	0
G6PD deficiency	1,613	1	0	0	0	0	0	0	0
Other hemoglobinopathies and hemolytic anemias	1,611	7	0	0	0	0	0	0	0
Other endocrine, nutritional, blood, and immune disorders	2,471	18	5	0	0	0	0	0	0
Musculoskeletal disorders	2,571	7	17	0	0	0	0	0	0
Rheumatoid arthritis	2,238	5	12	0	0	0	0	0	0
Osteoarthritis									
Low back and neck pain									
Low back pain									
Neck pain									
Gout									
Other musculoskeletal disorders	1,603	4	17	0	0	0	0	0	0
Other non-communicable diseases									
Congenital anomalies	2,767	153	25	0	0	0	0	0	0
Neural tube defects	1,945	4	12	0	0	0	0	0	0
Congenital heart anomalies	2,643	6	17	0	0	0	0	0	0
Cleft lip and cleft palate	2,379	2	12	0	0	0	0	0	0
Down's syndrome	1,614	2	12	0	0	0	0	0	0
Other chromosomal abnormalities	1,613	1	0	0	0	0	0	0	0
Other congenital anomalies	2,713	7	17	0	0	0	0	0	0
Skin and subcutaneous diseases	2,692	28	17	0	0	0	0	0	0
Eczema									
Psoriasis									
Cellulitis	1,611	7	0	0	0	0	0	0	0
Abscess, impetigo, and other bacterial skin diseases	1,611	8	0	0	0	0	0	0	0
Scabies									
Fungal skin diseases									
Viral skin diseases									
Acne vulgaris									
Alopecia areata									
Pruritus									
Urticaria									
Decubitus ulcer	1,611	4	0	0	0	0	0	0	0
Other skin and subcutaneous diseases	2,381	21	5	0	0	0	0	0	0
Sense organ diseases									
Glaucoma									
Cataracts									
Macular degeneration									
Refraction and accommodation disorders									
Other hearing loss									
Other vision loss									
organ diseases									
Oral disorders									

Web Table 1a – Total number of site-years used for each cause of death by source type									
Cause	**Vital Registration**	**Verbal Autopsy**	**Surveillance**	**Survey / Census**	**Cancer Registry**	**Sibling History**	**Burial / Mortuary**	**Hospital Records**	**Police Records**
Dental caries									
Periodontal disease									
Edentulism									
Sudden infant death syndrome	1,614	8	0	0	0	0	0	0	0
Injuries									
Transport injuries	2,707	71	17	60	0	0	29	13	72
Road injury	2,594	24	17	2	0	0	7	1	72
Pedestrian injury by road vehicle	1,614	10	0	0	0	0	5	0	72
Pedal cycle vehicle	1,611	7	0	0	0	0	2	0	46
Motorized vehicle with two wheels	1,614	6	0	0	0	0	2	0	51
Motorized vehicle with three or more wheels	1,505	10	0	0	0	0	5	0	72
Road injury other	1,614	3	0	0	0	0	1	0	41
Other transport injury	2,250	6	0	2	0	0	0	0	3
Unintentional injuries other than transport injuries									
Falls	2,705	42	17	47	0	0	18	3	13
Drowning	2,693	77	24	3	0	0	20	1	13
Fire, heat and hot substances	2,704	53	17	2	0	0	19	11	13
Poisonings	2,704	28	17	2	0	0	25	13	13
Exposure to mechanical forces	2,692	14	12	50	0	0	18	9	13
Mechanical forces (firearm)	2,339	5	0	2	0	0	6	0	13
Mechanical forces (other)	2,339	5	0	2	0	0	3	0	13
Adverse effects of medical treatment	2,354	27	0	2	0	0	2	0	0
Animal contact	1,619	44	0	0	0	0	2	1	0
Animal contact (venomous)	1,619	42	0	0	0	0	0	0	0
Animal contact (non-venomous)	1,611	9	0	0	0	0	0	0	0
Unintentional injuries not classified elsewhere	2,057	32	17	2	0	0	11	1	0
Self-harm and interpersonal violence									
Self-harm	2,693	75	17	3	0	0	26	3	13
Interpersonal violence	2,705	71	17	49	0	0	29	4	1,070
Assault by firearm	1,611	4	0	0	0	0	6	0	0
Assault by sharp object	1,611	7	0	0	0	0	5	0	0
Assault by other means	1,611	9	0	0	0	0	5	0	0
Forces of nature, war, and legal intervention									
Exposure to forces of nature	2,295	20	7	47	0	0	14	0	13
Collective violence and legal intervention	2,604	7	12	47	0	0	11	0	0

Web Table 1b - Total number of site-years used for each cause of death by geographic region											
Cause	**High-income Asia Pacific**	**Central Asia**	**East Asia**	**South Asia**	**Southeast Asia**	**Australasia**	**Caribbean**	**Central Europe**	**Eastern Europe**	**Western Europe**	**Andean Latin America**
Communicable, maternal, neonatal, and nutritional disorders											
HIV/AIDS and tuberculosis											
Tuberculosis	92	186	71	60	143	56	409	274	194	605	56
HIV/AIDS	92	51	59	3	120	56	395	262	90	541	47
HIV disease resulting in mycobacterial infection	32	22	9	0	43	18	173	129	57	210	23
HIV disease resulting in other specified or unspecified diseases	32	22	9	0	43	18	173	129	57	210	23
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases											
Diarrheal diseases	92	188	79	89	152	56	412	274	194	605	59
Cholera	84	39	37	25	107	56	409	274	70	590	56
Other salmonella infections	60	22	18	0	61	56	184	221	64	460	24
Shigellosis	84	39	57	15	104	56	409	274	70	540	56
Enteropathogenic E coli infection	60	22	18	0	61	56	184	221	64	460	24
Enterotoxigenic E coli infection	60	22	18	0	61	56	184	221	64	460	24
Campylobacter enteritis	60	22	18	0	61	56	184	221	64	460	24
Amoebiasis	84	39	32	16	104	56	409	274	70	540	56
Cryptosporidiosis	60	22	18	0	61	56	184	221	64	460	24
Rotaviral enteritis	60	22	18	0	61	56	184	221	64	460	24
Other diarrheal diseases	60	22	18	4	63	56	184	221	64	460	24
Typhoid and paratyphoid fevers	84	174	57	3	107	56	409	274	174	590	56
Lower respiratory infections	92	186	69	67	123	56	410	274	194	605	59
Influenza	68	34	18	1	78	56	184	221	84	525	24
Pneumococcal pneumonia	60	22	18	0	63	56	184	221	64	510	24
H influenzae type B pneumonia	60	22	18	0	61	56	184	221	64	460	24
Respiratory syncytial virus pneumonia	60	22	18	0	61	56	184	221	64	460	24
Other lower respiratory infections	68	34	18	4	76	56	184	221	84	525	24
Upper respiratory infections	92	51	49	0	119	56	409	274	90	605	56
Otitis media	84	39	44	12	104	56	409	274	70	590	56
Meningitis	92	51	69	33	120	56	409	274	90	605	56
Pneumococcal meningitis	60	22	18	0	61	56	184	221	64	460	24
H influenzae type B meningitis	60	22	18	0	61	56	184	221	64	460	24
Meningococcal infection	92	186	57	1	118	56	409	274	194	605	56
Other meningitis	60	22	18	4	63	56	184	221	64	460	24
Encephalitis	82	39	68	15	95	56	397	273	70	580	43
Diphtheria	92	51	49	5	132	56	409	274	90	605	56
Whooping cough	92	186	65	23	135	56	409	274	194	605	57
Tetanus	92	186	71	91	140	56	410	274	194	605	57
Measles	92	187	70	67	142	56	410	274	194	605	58

Web Table 1b - Total number of site-years used for each cause of death by geographic region

Cause	High-income Asia Pacific	Central Asia	East Asia	South Asia	Southeast Asia	Australasia	Caribbean	Central Europe	Eastern Europe	Western Europe	Andean Latin America
Varicella	92	51	32	2	114	56	409	274	90	555	56
Neglected tropical diseases and malaria											
Malaria	92	186	70	33	142	56	409	274	194	605	57
Chagas disease	92	51	44	0	115	56	409	274	90	605	56
Leishmaniasis	92	51	44	0	113	56	409	274	90	555	56
African trypanosomiasis	60	22	30	0	61	56	184	221	64	460	24
Schistosomiasis	92	51	69	0	115	56	409	274	90	605	56
Cysticercosis	60	22	18	0	62	56	184	221	64	460	24
Echinococcosis	84	39	32	0	104	56	409	274	70	580	56
Lymphatic filariasis											
Onchocerciasis											
Trachoma											
Dengue	60	22	30	0	63	56	184	221	64	460	24
Yellow fever											
Rabies	92	51	66	40	114	56	409	274	90	555	56
Intestinal nematode infections	60	22	30	1	63	56	184	221	64	510	24
Ascariasis	60	22	30	1	61	56	184	221	64	460	24
Trichuriasis											
Hookworm disease											
Food-borne trematodiases											
Other neglected tropical diseases	60	22	55	0	63	56	184	221	64	480	24
Maternal disorders	92	201	91	138	324	56	488	274	194	605	199
Maternal hemorrhage	84	174	69	41	106	56	409	274	174	590	56
Maternal sepsis	84	39	69	27	102	56	409	274	70	540	56
Hypertensive disorders of pregnancy	84	174	69	40	104	56	409	274	174	590	56
Obstructed labor	84	39	64	35	102	56	409	274	70	540	56
Abortion	92	186	69	40	119	56	409	274	194	605	56
Other maternal disorders	60	22	55	40	65	56	184	221	64	510	24
Neonatal disorders	92	192	72	96	153	56	411	274	194	605	57
Preterm birth complications	60	24	47	90	91	56	187	221	64	461	24
Neonatal encephalopathy (birth asphyxia and birth trauma)	60	24	49	90	97	56	185	221	64	509	24
Sepsis and other infectious disorders of the newborn baby	60	23	41	47	75	56	184	221	64	510	24
Other neonatal disorders	60	22	40	64	95	56	185	221	64	511	24
Nutritional deficiencies	92	53	65	44	142	56	410	274	90	605	57
Protein-energy malnutrition	92	51	63	21	117	56	409	274	90	604	56
Iodine deficiency	60	22	30	0	63	56	184	221	64	510	24
Vitamin A deficiency											

Web Table 1b - Total number of site-years used for each cause of death by geographic region											
Cause	**High-income Asia Pacific**	**Central Asia**	**East Asia**	**South Asia**	**Southeast Asia**	**Australasia**	**Caribbean**	**Central Europe**	**Eastern Europe**	**Western Europe**	**Andean Latin America**
Iron-deficiency anemia	84	174	69	24	109	56	409	274	174	590	56
Other nutritional deficiencies	60	22	30	3	63	56	184	221	64	460	24
Other communicable, maternal, neonatal, and nutritional disorders											
Sexually transmitted diseases excluding HIV	92	186	49	21	135	56	409	274	194	605	56
Syphilis	84	39	49	0	106	56	409	274	70	590	56
Sexually transmitted chlamydial diseases	60	22	30	0	61	56	184	221	64	460	24
Gonococcal infection	84	39	44	0	104	56	409	274	70	590	56
Trichomoniasis											
Other sexually transmitted diseases	32	22	21	0	41	18	173	129	57	210	23
Hepatitis	92	186	70	53	131	56	409	274	194	605	56
Acute hepatitis A	60	22	18	0	61	56	184	221	64	460	24
Acute hepatitis B	60	22	30	2	63	56	184	221	64	460	24
Acute hepatitis C	60	22	30	0	62	56	184	221	64	460	24
Acute hepatitis E	60	22	18	0	61	56	184	221	64	460	24
Leprosy											
Other infectious diseases	92	186	70	31	139	56	409	274	194	605	56
Non-communicable diseases											
Neoplasms											
Esophageal cancer	154	188	142	119	211	110	432	432	273	960	78
Stomach cancer	154	188	142	120	214	110	432	432	273	965	78
Liver cancer	154	188	142	120	211	110	432	432	269	910	78
Liver cancer secondary to hepatitis B											
Liver cancer secondary to hepatitis C											
Liver cancer secondary to alcohol use											
Other liver cancer											
Larynx cancer	154	188	103	116	193	110	431	432	271	965	78
Trachea, bronchus and lung cancers	154	188	140	117	194	110	432	432	273	965	78
Breast cancer	154	188	141	134	217	110	432	432	273	965	78
Cervical cancer	154	188	140	116	194	110	432	432	273	965	78
Uterine cancer	154	188	119	113	193	110	432	432	273	965	78
Prostate cancer	154	188	116	116	210	110	432	432	273	965	78
Colon and rectum cancers	154	188	142	120	213	110	432	432	273	965	78
Mouth cancer	122	24	89	105	139	110	207	379	143	815	46
Nasopharynx cancer	122	24	114	103	134	110	207	379	143	815	46
Cancer of other part of pharynx and oropharynx	122	24	89	104	139	110	207	379	143	815	46
Gallbladder and biliary tract cancer	122	23	89	104	139	110	207	379	139	815	46
Pancreatic cancer	154	53	115	114	191	110	431	432	167	915	78

Web Table 1b - Total number of site-years used for each cause of death by geographic region											
Cause	**High-income Asia Pacific**	**Central Asia**	**East Asia**	**South Asia**	**Southeast Asia**	**Australasia**	**Caribbean**	**Central Europe**	**Eastern Europe**	**Western Europe**	**Andean Latin America**
Malignant melanoma of skin	154	53	115	108	186	110	432	432	169	915	78
Non-melanoma skin cancer	84	39	32	12	104	56	409	274	70	540	56
Ovarian cancer	154	53	115	115	191	110	431	432	169	915	78
Testicular cancer	142	40	103	101	180	110	431	432	147	895	78
Kidney and other urinary organ cancers	122	24	89	102	139	110	206	379	143	820	46
Bladder cancer	154	53	134	115	191	110	432	432	169	915	78
Brain and nervous system cancers	154	53	103	105	191	110	431	432	169	910	78
Thyroid cancer	122	23	89	101	139	110	207	379	143	820	46
Hodgkin's disease	146	41	103	113	173	110	432	432	149	900	78
Non-Hodgkin's lymphoma	130	36	89	117	145	110	207	379	163	835	46
Multiple myeloma	130	35	89	102	145	110	207	379	159	835	46
Leukemia	154	188	140	131	189	110	432	432	273	960	78
Other neoplasms	92	186	70	20	141	56	409	274	194	605	56
Cardiovascular and circulatory diseases	92	191	71	62	148	56	409	274	194	605	56
Rheumatic heart disease	92	186	70	28	134	56	409	274	194	605	56
Ischemic heart disease	92	186	71	54	144	56	409	274	194	605	56
Cerebrovascular disease	92	186	78	51	144	56	409	274	194	605	56
Ischemic stroke	84	39	32	0	104	56	409	274	70	540	56
Hemorrhagic and other non-ischemic stroke	84	39	32	0	104	56	409	274	70	540	56
Hypertensive heart disease	84	39	69	16	107	56	409	274	70	540	56
Cardiomyopathy and myocarditis	60	22	18	1	63	56	184	221	64	460	24
Atrial fibrillation and flutter	60	22	18	0	62	56	184	221	64	460	24
Aortic aneurysm	60	22	18	0	62	56	184	221	64	460	24
Peripheral vascular disease	60	22	18	2	62	56	184	221	64	460	24
Endocarditis	60	22	18	0	62	56	184	221	64	460	24
Other cardiovascular and circulatory diseases	82	166	55	6	93	56	390	262	174	580	30
Chronic respiratory diseases	92	186	71	59	147	56	409	274	194	605	56
Chronic obstructive pulmonary disease	68	75	55	4	73	56	184	221	127	473	24
Pneumoconiosis	60	22	43	1	63	56	184	221	64	460	24
Asthma	68	74	44	4	73	56	184	221	115	474	24
Interstitial lung disease and pulmonary sarcoidosis	60	22	18	1	61	56	184	221	64	460	24
Other chronic respiratory diseases	68	25	38	4	74	56	181	220	70	474	24
Cirrhosis of the liver	92	186	70	56	142	56	409	274	194	605	56
Cirrhosis of the liver secondary to hepatitis B											
Cirrhosis of the liver secondary to hepatitis C											
Cirrhosis of the liver secondary to alcohol use											
Other cirrhosis of the liver											

Web Table 1b - Total number of site-years used for each cause of death by geographic region											
Cause	**High-income Asia Pacific**	**Central Asia**	**East Asia**	**South Asia**	**Southeast Asia**	**Australasia**	**Caribbean**	**Central Europe**	**Eastern Europe**	**Western Europe**	**Andean Latin America**
Digestive diseases (except cirrhosis)	84	174	57	48	131	56	409	274	174	590	56
Peptic ulcer disease	92	186	69	44	120	56	409	274	194	605	56
Gastritis and duodenitis	60	22	18	12	65	56	184	221	64	510	24
Appendicitis	92	186	69	27	120	56	409	274	194	605	56
Paralytic ileus and intestinal obstruction without hernia	92	51	52	20	119	56	409	274	90	605	56
Inguinal or femoral hernia	92	186	32	25	114	56	409	274	194	555	56
Noninfective inflammatory bowel disease	60	22	18	0	63	56	184	221	64	460	24
Vascular disorders of intestine	60	22	18	0	62	56	184	221	64	460	24
Gall bladder and bile duct disease	84	174	37	4	86	56	405	274	174	540	56
Pancreatitis	60	22	18	0	63	56	184	221	64	460	24
Other digestive diseases	60	22	30	11	65	56	184	221	64	510	24
Neurological disorders											
Alzheimer's disease and other dementias	68	30	30	0	73	56	184	221	73	475	24
Parkinson's disease	84	39	44	1	104	56	409	274	70	540	56
Epilepsy	84	174	44	20	106	56	409	274	174	590	56
Multiple sclerosis	84	174	44	1	104	56	409	274	174	590	56
Migraine											
Tension-type headache											
Other neurological disorders	74	26	34	5	80	56	391	262	70	519	30
Mental and behavioral disorders											
Schizophrenia	84	39	49	4	104	56	409	274	70	540	56
Alcohol use disorders	92	186	44	0	115	56	409	274	194	555	56
Drug use disorders	92	186	50	0	115	56	409	274	194	555	56
Opioid use disorders	60	22	18	0	63	56	184	221	64	460	24
Cocaine use disorders	60	22	18	0	61	56	184	221	64	460	24
Amphetamine use disorders	60	22	18	0	62	56	184	221	64	460	24
Cannabis use disorders											
Other drug use disorders	60	22	18	0	62	56	184	221	64	460	24
Unipolar depressive disorders											
Major depressive disorder											
Dysthymia											
Bipolar affective disorder											
Anxiety disorders											
Eating disorders	60	22	18	0	62	56	184	221	64	460	24
Pervasive development disorders											
Autism											
Asperger's syndrome											

Web Table 1b - Total number of site-years used for each cause of death by geographic region											
Cause	**High-income Asia Pacific**	**Central Asia**	**East Asia**	**South Asia**	**Southeast Asia**	**Australasia**	**Caribbean**	**Central Europe**	**Eastern Europe**	**Western Europe**	**Andean Latin America**
Childhood behavioral disorders											
Attention-deficit hyperactivity disorder											
Conduct disorder											
Idiopathic intellectual disability											
Other mental and behavioral disorders	60	22	35	0	63	56	184	221	64	460	24
Diabetes, urogenital, blood, and endocrine diseases											
Diabetes mellitus	92	186	71	54	143	56	409	274	194	605	56
Acute glomerulonephritis	60	22	18	2	65	56	184	221	64	510	24
Chronic kidney diseases	92	186	64	4	120	56	409	274	194	605	56
Chronic kidney disease due to diabetes mellitus	60	22	18	0	63	56	184	221	64	460	24
Chronic kidney disease due to hypertension	60	22	18	4	63	56	184	221	64	460	24
Chronic kidney disease unspecified	60	22	18	2	63	56	184	221	64	460	24
Urinary diseases and male infertility	84	174	50	4	106	56	409	274	174	590	56
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	84	174	38	2	106	56	409	274	174	590	56
Urolithiasis	84	39	32	3	106	56	409	274	70	590	56
Benign prostatic hyperplasia											
Male infertility											
Other urinary diseases	84	39	44	4	103	56	405	271	70	540	44
Gynecological diseases	84	39	37	3	104	56	409	274	70	590	56
Uterine fibroids	60	22	18	0	62	56	184	221	64	460	24
Polycystic ovarian syndrome											
Female infertility											
Endometriosis	60	22	18	0	61	56	184	221	64	460	24
Genital prolapse	84	39	32	3	103	56	409	274	70	540	56
Premenstrual syndrome											
Other gynecological diseases	60	22	23	1	61	56	184	221	64	460	24
Hemoglobinopathies and hemolytic anemias	60	22	18	4	63	56	184	221	64	460	24
Thalassemias	60	22	18	0	62	56	184	221	64	460	24
Sickle cell disorders	60	22	18	0	61	56	184	221	64	460	24
G6PD deficiency	60	22	18	0	62	56	184	221	64	460	24
Other hemoglobinopathies and hemolytic anemias	60	22	18	4	63	56	184	221	64	460	24
Other endocrine, nutritional, blood, and immune disorders	92	51	57	12	117	56	409	274	90	605	56
Musculoskeletal disorders	92	185	55	2	115	56	407	274	184	553	44
Rheumatoid arthritis	84	39	44	2	103	56	403	264	70	540	44
Osteoarthritis											
Low back and neck pain											
Low back pain											

Web Table 1b - Total number of site-years used for each cause of death by geographic region											
Cause	**High-income Asia Pacific**	**Central Asia**	**East Asia**	**South Asia**	**Southeast Asia**	**Australasia**	**Caribbean**	**Central Europe**	**Eastern Europe**	**Western Europe**	**Andean Latin America**
Neck pain											
Gout											
Other musculoskeletal disorders	60	22	35	1	63	56	180	216	64	460	24
Other non-communicable diseases											
Congenital anomalies	92	193	80	87	150	56	411	274	194	605	56
Neural tube defects	60	157	30	2	65	56	184	221	168	510	24
Congenital heart anomalies	84	174	69	4	106	56	409	274	174	590	56
Cleft lip and cleft palate	84	39	44	2	104	56	409	274	70	590	56
Down's syndrome	60	22	30	0	63	56	184	221	64	460	24
Other chromosomal abnormalities	60	22	18	0	62	56	184	221	64	460	24
Other congenital anomalies	92	186	69	4	120	56	409	274	194	605	56
Skin and subcutaneous diseases	92	186	49	20	117	56	409	274	194	605	56
Eczema											
Psoriasis											
Cellulitis	60	22	18	3	63	56	184	221	64	460	24
Abscess, impetigo, and other bacterial skin diseases	60	22	18	4	63	56	184	221	64	460	24
Scabies											
Fungal skin diseases											
Viral skin diseases											
Acne vulgaris											
Alopecia areata											
Pruritus											
Urticaria											
Decubitus ulcer	60	22	18	2	63	56	184	221	64	460	24
Other skin and subcutaneous diseases	84	39	37	17	106	56	409	274	70	590	56
Sense organ diseases											
Glaucoma											
Cataracts											
Macular degeneration											
Refraction and accommodation disorders											
Other hearing loss											
Other vision loss											
Other sense organ diseases											
Oral disorders											
Dental caries											
Periodontal disease											
Edentulism											

Web Table 1b - Total number of site-years used for each cause of death by geographic region											
Cause	**High-income Asia Pacific**	**Central Asia**	**East Asia**	**South Asia**	**Southeast Asia**	**Australasia**	**Caribbean**	**Central Europe**	**Eastern Europe**	**Western Europe**	**Andean Latin America**
Sudden infant death syndrome	60	22	18	4	62	56	184	221	64	460	24
Injuries											
Transport injuries	95	188	78	74	156	56	399	276	216	610	55
Road injury	87	174	54	34	106	56	398	272	193	595	54
Pedestrian injury by road vehicle	63	23	23	7	63	56	185	231	83	465	25
Pedal cycle vehicle	63	23	18	5	63	56	185	231	70	465	25
Motorized vehicle with two wheels	63	23	23	4	63	56	185	231	70	465	25
Motorized vehicle with three or more wheels	63	23	21	5	58	54	176	184	81	463	25
Road injury other	63	23	18	3	62	56	185	231	65	465	25
Other transport injury	84	38	32	7	101	56	397	262	70	540	53
Unintentional injuries other than transport injuries											
Falls	92	187	73	42	140	56	398	266	210	605	54
Drowning	92	185	79	68	126	56	397	262	207	605	53
Fire, heat and hot substances	92	185	71	60	132	56	397	262	207	605	53
Poisonings	92	185	72	35	132	56	397	262	207	605	53
Exposure to mechanical forces	92	187	67	18	140	56	398	266	210	605	54
Mechanical forces (firearm)	84	38	32	2	103	56	397	262	83	590	53
Mechanical forces (other)	84	38	32	3	103	56	397	262	83	590	53
Adverse effects of medical treatment	84	38	32	36	103	56	397	262	70	590	53
Animal contact	60	22	18	42	63	56	184	221	64	460	24
Animal contact (venomous)	60	22	18	39	63	56	184	221	64	460	24
Animal contact (non-venomous)	60	22	18	3	63	56	184	221	64	460	24
Unintentional injuries not classified elsewhere	77	59	66	27	87	56	345	232	94	565	25
Self-harm and interpersonal violence											
Self-harm	92	185	58	74	137	56	397	262	207	605	53
Interpersonal violence	92	313	114	140	241	56	660	266	210	605	60
Assault by firearm	60	22	18	0	63	56	184	221	64	460	24
Assault by sharp object	60	22	18	2	63	56	184	221	64	460	24
Assault by other means	60	22	18	3	63	56	184	221	64	460	24
Forces of nature, war, and legal intervention											
Exposure to forces of nature	84	40	61	15	124	56	398	266	86	540	54
Collective violence and legal intervention	84	175	45	6	127	56	398	266	177	590	54

Web Table 1b - Total number of site-years used for each cause of death by geographic region										
Cause	**Central Latin America**	**Southern Latin America**	**Tropical Latin America**	**North Africa and Middle East**	**High-income North America**	**Oceania**	**Central sub-Saharan Africa**	**Eastern sub-Saharan Africa**	**Southern sub-Saharan Africa**	**Western sub-Saharan Africa**
Communicable, maternal, neonatal, and nutritional disorders										
HIV/AIDS and tuberculosis										
Tuberculosis	218	87	60	141	60	16	2	31	104	19
HIV/AIDS	198	75	55	93	58	14	2	24	105	12
HIV disease resulting in mycobacterial infection	93	37	29	70	21	4	0	2	95	2
HIV disease resulting in other specified or unspecified diseases	93	37	29	70	21	4	0	2	95	2
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases										
Diarrheal diseases	218	87	68	149	60	18	6	59	105	44
Cholera	218	87	59	130	60	14	0	1	100	5
Other salmonella infections	132	39	45	73	54	5	0	0	96	1
Shigellosis	218	87	59	93	60	14	0	0	100	1
Enteropathogenic E coli infection	132	39	45	70	54	5	0	0	96	0
Enterotoxigenic E coli infection	132	39	45	70	54	5	0	0	96	0
Campylobacter enteritis	132	39	45	70	54	5	0	0	96	0
Amoebiasis	218	87	59	93	60	14	0	0	100	1
Cryptosporidiosis	132	39	45	70	54	5	0	0	96	0
Rotaviral enteritis	132	39	45	70	54	5	0	0	96	0
Other diarrheal diseases	132	39	45	75	54	5	0	0	96	2
Typhoid and paratyphoid fevers	218	87	59	130	60	14	0	0	100	4
Lower respiratory infections	218	87	60	138	60	14	0	15	100	15
Influenza	132	39	45	110	54	5	0	0	96	1
Pneumococcal pneumonia	132	39	45	110	54	5	0	1	96	1
H influenzae type B pneumonia	132	39	45	70	54	5	0	0	96	0
Respiratory syncytial virus pneumonia	132	39	45	70	54	5	0	0	96	0
Other lower respiratory infections	132	39	45	113	54	5	0	0	96	3
Upper respiratory infections	218	87	59	126	60	14	0	0	100	4
Otitis media	218	87	59	125	60	14	0	0	100	2
Meningitis	218	87	59	130	60	14	0	4	100	9
Pneumococcal meningitis	132	39	45	70	54	5	0	0	96	0
H influenzae type B meningitis	132	39	45	70	54	5	0	0	96	0
Meningococcal infection	218	87	59	131	60	14	0	0	100	2
Other meningitis	132	39	45	70	54	5	0	0	96	2
Encephalitis	202	72	48	123	60	14	0	0	100	4
Diphtheria	218	87	59	134	60	14	0	0	100	4
Whooping cough	218	87	59	138	60	15	0	15	100	11
Tetanus	218	87	59	143	60	14	0	35	102	23
Measles	218	87	60	144	60	18	5	38	100	26

Web Table 1b - Total number of site-years used for each cause of death by geographic region

Cause	Central Latin America	Southern Latin America	Tropical Latin America	North Africa and Middle East	High-income North America	Oceania	Central sub-Saharan Africa	Eastern sub-Saharan Africa	Southern sub-Saharan Africa	Western sub-Saharan Africa
Varicella	218	87	59	89	60	14	0	1	100	2
Neglected tropical diseases and malaria										
Malaria	218	87	59	138	60	16	5	69	103	46
Chagas disease	218	87	59	126	60	14	0	0	100	2
Leishmaniasis	218	87	59	94	60	14	0	1	100	1
African trypanosomiasis	132	39	45	70	54	5	0	0	96	0
Schistosomiasis	218	87	59	126	60	14	0	1	100	2
Cysticercosis	132	39	45	70	54	5	0	0	96	0
Echinococcosis	218	87	59	116	60	14	0	0	100	2
Lymphatic filariasis										
Onchocerciasis										
Trachoma										
Dengue	132	39	45	70	54	5	0	0	96	0
Yellow fever										
Rabies	218	87	59	94	60	14	0	2	100	3
Intestinal nematode infections	132	39	45	107	54	5	0	1	96	2
Ascariasis	132	39	45	70	54	5	0	0	96	0
Trichuriasis										
Hookworm disease										
Food-borne trematodiases										
Other neglected tropical diseases	132	39	45	96	54	5	0	0	96	1
Maternal disorders	300	87	91	238	60	17	60	493	261	426
Maternal hemorrhage	218	87	59	131	60	14	0	2	100	4
Maternal sepsis	218	87	59	94	60	14	0	2	100	3
Hypertensive disorders of pregnancy	218	87	59	131	60	14	0	3	100	4
Obstructed labor	218	87	59	94	60	14	0	0	100	3
Abortion	218	87	59	131	60	14	0	4	100	4
Other maternal disorders	132	39	45	112	54	5	0	2	96	3
Neonatal disorders	220	87	62	148	60	18	5	46	105	22
Preterm birth complications	133	39	48	88	54	7	0	47	102	11
Neonatal encephalopathy (birth asphyxia and birth trauma)	133	39	47	123	54	7	0	36	101	12
Sepsis and other infectious disorders of the newborn baby	133	39	47	122	54	7	0	12	100	9
Other neonatal disorders	133	39	46	120	54	6	0	23	97	9
Nutritional deficiencies	218	87	61	144	60	17	4	47	103	27
Protein-energy malnutrition	218	87	60	131	60	14	0	7	100	3
Iodine deficiency	132	39	45	107	54	5	0	0	96	1
Vitamin A deficiency										

Web Table 1b - Total number of site-years used for each cause of death by geographic region										
Cause	**Central Latin America**	**Southern Latin America**	**Tropical Latin America**	**North Africa and Middle East**	**High-income North America**	**Oceania**	**Central sub-Saharan Africa**	**Eastern sub-Saharan Africa**	**Southern sub-Saharan Africa**	**Western sub-Saharan Africa**
Iron-deficiency anemia	218	87	59	130	60	14	0	9	100	6
Other nutritional deficiencies	132	39	45	73	54	5	0	0	96	0
Other communicable, maternal, neonatal, and nutritional disorders										
Sexually transmitted diseases excluding HIV	218	87	59	134	60	14	0	2	101	5
Syphilis	218	87	59	125	60	14	0	1	100	2
Sexually transmitted chlamydial diseases	132	39	45	70	54	5	0	0	96	0
Gonococcal infection	218	87	59	125	60	14	0	0	100	2
Trichomoniasis										
Other sexually transmitted diseases	93	37	29	70	21	4	0	0	95	0
Hepatitis	218	87	60	137	60	15	0	26	100	9
Acute hepatitis A	132	39	45	75	54	5	0	0	96	0
Acute hepatitis B	132	39	45	75	54	5	0	0	96	0
Acute hepatitis C	132	39	45	72	54	5	0	0	96	0
Acute hepatitis E	132	39	45	72	54	5	0	0	96	0
Leprosy										
Other infectious diseases	218	87	60	135	60	15	0	19	102	8
Non-communicable diseases										
Neoplasms										
Esophageal cancer	273	94	85	205	109	16	0	5	106	10
Stomach cancer	273	94	85	206	109	16	0	5	106	12
Liver cancer	273	94	85	169	109	16	0	5	106	11
Liver cancer secondary to hepatitis B										
Liver cancer secondary to hepatitis C										
Liver cancer secondary to alcohol use										
Other liver cancer										
Larynx cancer	273	94	85	202	109	15	0	2	106	8
Trachea, bronchus and lung cancers	273	94	85	202	109	15	0	4	106	9
Breast cancer	273	94	85	206	109	16	0	5	106	13
Cervical cancer	273	94	85	202	109	15	0	6	106	10
Uterine cancer	273	94	85	202	109	15	0	4	106	9
Prostate cancer	273	94	85	206	109	16	0	5	107	10
Colon and rectum cancers	273	94	85	206	109	16	0	4	106	12
Mouth cancer	187	46	71	146	103	6	0	4	102	6
Nasopharynx cancer	187	46	71	141	103	6	0	3	102	6
Cancer of other part of pharynx and oropharynx	187	46	71	141	103	6	0	3	102	6
Gallbladder and biliary tract cancer	187	46	71	141	103	6	0	2	102	1
Pancreatic cancer	273	94	85	165	109	15	0	2	106	7

Web Table 1b - Total number of site-years used for each cause of death by geographic region										
Cause	**Central Latin America**	**Southern Latin America**	**Tropical Latin America**	**North Africa and Middle East**	**High-income North America**	**Oceania**	**Central sub-Saharan Africa**	**Eastern sub-Saharan Africa**	**Southern sub-Saharan Africa**	**Western sub-Saharan Africa**
Malignant melanoma of skin	273	94	85	164	109	15	0	3	106	6
Non-melanoma skin cancer	218	87	59	88	60	14	0	1	100	2
Ovarian cancer	273	94	85	165	109	15	0	3	106	7
Testicular cancer	273	94	85	163	107	15	0	2	106	7
Kidney and other urinary organ cancers	187	46	71	146	103	6	0	2	102	6
Bladder cancer	273	93	85	165	109	15	0	5	106	8
Brain and nervous system cancers	273	94	85	165	109	15	0	4	106	8
Thyroid cancer	187	46	71	146	103	6	0	3	102	6
Hodgkin's disease	273	94	85	164	109	15	0	3	106	8
Non-Hodgkin's lymphoma	187	46	71	147	103	6	0	3	102	6
Multiple myeloma	187	46	71	145	103	6	0	2	102	2
Leukemia	273	94	85	202	109	15	0	4	106	10
Other neoplasms	218	87	59	136	60	15	0	2	102	8
Cardiovascular and circulatory diseases	218	87	60	142	60	16	0	34	104	17
Rheumatic heart disease	218	87	59	135	60	15	0	1	102	4
Ischemic heart disease	218	87	59	136	60	15	0	18	102	8
Cerebrovascular disease	218	87	59	136	60	15	0	18	101	6
Ischemic stroke	218	87	59	88	60	14	0	0	100	2
Hemorrhagic and other non-ischemic stroke	218	87	59	88	60	14	0	0	100	2
Hypertensive heart disease	218	87	59	93	60	14	0	2	100	3
Cardiomyopathy and myocarditis	132	39	45	75	54	5	0	2	96	1
Atrial fibrillation and flutter	132	39	45	70	54	5	0	0	96	0
Aortic aneurysm	132	39	45	75	54	5	0	0	96	0
Peripheral vascular disease	132	39	45	73	54	5	0	0	96	0
Endocarditis	132	39	45	75	54	5	0	0	96	0
Other cardiovascular and circulatory diseases	187	53	47	86	55	13	0	0	98	2
Chronic respiratory diseases	218	87	60	138	60	18	0	32	102	10
Chronic obstructive pulmonary disease	132	39	45	76	54	5	0	2	96	1
Pneumoconiosis	132	39	45	75	54	5	0	0	96	0
Asthma	132	39	45	73	54	5	0	1	96	2
Interstitial lung disease and pulmonary sarcoidosis	132	39	45	70	54	5	0	0	96	0
Other chronic respiratory diseases	132	39	45	67	54	5	0	1	96	2
Cirrhosis of the liver	218	87	59	135	60	15	0	19	103	9
Cirrhosis of the liver secondary to hepatitis B										
Cirrhosis of the liver secondary to hepatitis C										
Cirrhosis of the liver secondary to alcohol use										
Other cirrhosis of the liver										

Web Table 1b - Total number of site-years used for each cause of death by geographic region										
Cause	**Central Latin America**	**Southern Latin America**	**Tropical Latin America**	**North Africa and Middle East**	**High-income North America**	**Oceania**	**Central sub-Saharan Africa**	**Eastern sub-Saharan Africa**	**Southern sub-Saharan Africa**	**Western sub-Saharan Africa**
Digestive diseases (except cirrhosis)	218	87	60	138	60	19	0	22	104	11
Peptic ulcer disease	218	87	59	131	60	14	0	2	100	4
Gastritis and duodenitis	132	39	45	107	54	5	0	0	96	3
Appendicitis	218	87	59	131	60	14	0	2	100	4
Paralytic ileus and intestinal obstruction without hernia	218	87	59	126	60	14	0	2	100	4
Inguinal or femoral hernia	218	87	59	89	60	14	0	2	100	2
Noninfective inflammatory bowel disease	132	39	45	70	54	5	0	0	96	1
Vascular disorders of intestine	132	39	45	70	54	5	0	0	96	0
Gall bladder and bile duct disease	217	87	59	88	60	14	0	0	100	0
Pancreatitis	132	39	45	75	54	5	0	0	96	0
Other digestive diseases	132	39	45	112	54	5	0	2	96	3
Neurological disorders										
Alzheimer's disease and other dementias	132	39	45	76	54	5	0	0	96	0
Parkinson's disease	218	87	59	88	60	14	0	0	100	1
Epilepsy	218	87	59	130	60	14	0	4	100	5
Multiple sclerosis	218	87	59	130	60	14	0	0	100	2
Migraine										
Tension-type headache										
Other neurological disorders	188	57	47	83	55	13	0	1	99	2
Mental and behavioral disorders										
Schizophrenia	218	87	59	93	60	14	0	0	100	2
Alcohol use disorders	218	87	59	92	60	14	0	3	100	3
Drug use disorders	218	87	59	94	60	14	0	1	100	2
Opioid use disorders	132	39	45	74	54	5	0	0	96	0
Cocaine use disorders	132	39	45	70	54	5	0	0	96	0
Amphetamine use disorders	132	39	45	70	54	5	0	0	96	0
Cannabis use disorders										
Other drug use disorders	132	39	45	70	54	5	0	0	96	1
Unipolar depressive disorders										
Major depressive disorder										
Dysthymia										
Bipolar affective disorder										
Anxiety disorders										
Eating disorders	132	39	45	70	54	5	0	0	96	2
Pervasive development disorders										
Autism										
Asperger's syndrome										

Web Table 1b - Total number of site-years used for each cause of death by geographic region

Cause	Central Latin America	Southern Latin America	Tropical Latin America	North Africa and Middle East	High-income North America	Oceania	Central sub-Saharan Africa	Eastern sub-Saharan Africa	Southern sub-Saharan Africa	Western sub-Saharan Africa
Childhood behavioral disorders										
Attention-deficit hyperactivity disorder										
Conduct disorder										
Idiopathic intellectual disability										
Other mental and behavioral disorders	132	39	45	72	54	5	0	0	96	2
Diabetes, urogenital, blood, and endocrine diseases										
Diabetes mellitus	218	87	59	138	60	15	0	20	103	7
Acute glomerulonephritis	132	39	45	112	54	5	0	0	96	2
Chronic kidney diseases	218	87	59	131	60	14	0	3	100	5
Chronic kidney disease due to diabetes mellitus	132	39	45	70	54	5	0	0	96	2
Chronic kidney disease due to hypertension	132	39	45	70	54	5	0	1	96	0
Chronic kidney disease unspecified	132	39	45	70	54	5	0	0	96	2
Urinary diseases and male infertility	218	87	59	125	60	14	0	3	100	4
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	218	87	59	128	60	14	0	1	100	2
Urolithiasis	218	87	59	125	60	14	0	0	100	2
Benign prostatic hyperplasia										
Male infertility										
Other urinary diseases	211	87	56	72	60	14	0	3	100	3
Gynecological diseases	218	87	59	127	60	14	0	2	100	4
Uterine fibroids	132	39	45	70	54	5	0	2	96	2
Polycystic ovarian syndrome										
Female infertility										
Endometriosis	132	39	45	70	54	5	0	0	96	0
Genital prolapse	218	87	59	88	60	14	0	0	100	1
Premenstrual syndrome										
Other gynecological diseases	132	39	45	70	54	5	0	0	96	2
Hemoglobinopathies and hemolytic anemias	132	39	45	70	54	5	0	0	96	3
Thalassemias	132	39	45	75	54	5	0	0	96	0
Sickle cell disorders	132	39	45	70	54	5	0	2	96	2
G6PD deficiency	132	39	45	72	54	5	0	0	96	0
Other hemoglobinopathies and hemolytic anemias	132	39	45	70	54	5	0	0	96	1
Other endocrine, nutritional, blood, and immune disorders	218	87	59	131	60	14	0	2	100	4
Musculoskeletal disorders	212	87	56	93	60	14	0	2	100	4
Rheumatoid arthritis	210	87	56	78	60	13	0	0	100	2
Osteoarthritis										
Low back and neck pain										
Low back pain										

Web Table 1b - Total number of site-years used for each cause of death by geographic region										
Cause	**Central Latin America**	**Southern Latin America**	**Tropical Latin America**	**North Africa and Middle East**	**High-income North America**	**Oceania**	**Central sub-Saharan Africa**	**Eastern sub-Saharan Africa**	**Southern sub-Saharan Africa**	**Western sub-Saharan Africa**
Neck pain										
Gout										
Other musculoskeletal disorders	132	39	45	71	54	5	0	0	96	1
Other non-communicable diseases										
Congenital anomalies	219	87	64	148	60	16	0	37	104	12
Neural tube defects	132	39	45	112	54	5	0	0	96	1
Congenital heart anomalies	218	87	59	130	60	14	0	0	100	2
Cleft lip and cleft palate	218	87	59	125	60	14	0	0	100	2
Down's syndrome	132	39	45	73	54	5	0	0	96	0
Other chromosomal abnormalities	132	39	45	72	54	5	0	0	96	0
Other congenital anomalies	218	87	59	131	60	14	0	1	100	2
Skin and subcutaneous diseases	218	87	59	132	60	14	0	3	100	6
Eczema										
Psoriasis										
Cellulitis	132	39	45	70	54	5	0	2	96	0
Abscess, impetigo, and other bacterial skin diseases	132	39	45	70	54	5	0	2	96	0
Scabies										
Fungal skin diseases										
Viral skin diseases										
Acne vulgaris										
Alopecia areata										
Pruritus										
Urticaria										
Decubitus ulcer	132	39	45	70	54	5	0	0	96	0
Other skin and subcutaneous diseases	218	87	59	127	60	14	0	0	100	4
Sense organ diseases										
Glaucoma										
Cataracts										
Macular degeneration										
Refraction and accommodation disorders										
Other hearing loss										
Other vision loss										
Other sense organ diseases										
Oral disorders										
Dental caries										
Periodontal disease										
Edentulism										

Web Table 1b - Total number of site-years used for each cause of death by geographic region										
Cause	**Central Latin America**	**Southern Latin America**	**Tropical Latin America**	**North Africa and Middle East**	**High-income North America**	**Oceania**	**Central sub-Saharan Africa**	**Eastern sub-Saharan Africa**	**Southern sub-Saharan Africa**	**Western sub-Saharan Africa**
Sudden infant death syndrome	132	39	45	73	54	5	0	3	96	0
Injuries										
Transport injuries	216	88	61	151	61	18	2	34	106	29
Road injury	214	87	59	137	61	15	1	10	97	13
Pedestrian injury by road vehicle	132	39	46	84	55	7	1	7	96	10
Pedal cycle vehicle	132	39	46	73	55	7	1	5	96	8
Motorized vehicle with two wheels	132	39	46	76	55	7	1	4	96	9
Motorized vehicle with three or more wheels	121	38	46	59	55	5	1	7	95	12
Road injury other	132	39	46	76	55	7	1	3	96	8
Other transport injury	214	87	58	89	60	13	0	1	97	2
Unintentional injuries other than transport injuries										
Falls	216	88	59	139	60	14	1	23	103	19
Drowning	214	87	59	135	60	14	0	19	100	13
Fire, heat and hot substances	214	87	59	135	60	14	0	18	99	13
Poisonings	214	87	58	135	60	14	0	25	100	13
Exposure to mechanical forces	216	88	59	136	60	14	1	21	103	17
Mechanical forces (firearm)	214	87	58	125	60	13	0	7	97	4
Mechanical forces (other)	214	87	58	125	60	13	0	4	97	3
Adverse effects of medical treatment	214	87	58	128	60	13	0	4	97	3
Animal contact	132	39	45	75	54	5	0	2	96	4
Animal contact (venomous)	132	39	45	75	54	5	0	2	96	2
Animal contact (non-venomous)	132	39	45	70	54	5	0	2	96	2
Unintentional injuries not classified elsewhere	154	39	45	72	54	11	0	7	96	9
Self-harm and interpersonal violence										
Self-harm	215	87	58	133	60	16	0	26	99	10
Interpersonal violence	307	88	60	273	60	41	4	125	168	62
Assault by firearm	132	39	45	70	54	5	0	7	96	1
Assault by sharp object	132	39	45	70	54	5	0	7	96	1
Assault by other means	132	39	45	70	54	5	0	7	96	2
Forces of nature, war, and legal intervention										
Exposure to forces of nature	216	88	59	98	60	14	1	20	103	13
Collective violence and legal intervention	216	88	59	137	60	14	1	15	101	12

B. Non-vital registration studies

To facilitate the work of other researchers or analysts interested in specific countries, Web Table 2 summarizes all the data incorporated in the database for this study that are not based on vital registration (VR) systems. For data that are based on published sources, the references at the end of the table provide the source.

Web Table 2. Non-vital registration studies included in the database

Country	Source Type	Study Site	Time Period	Age Range‡	Deaths Used in Analysis
Afghanistan	Sibling History[1]	National	2010	15 - 49 years	906
Afghanistan	Verbal Autopsy[2]	Badghis Province	2002	0 - 4 years	53
Afghanistan	Verbal Autopsy[3]	Forty-nine villages	2002	0 - 4 years	1,039
Afghanistan	Verbal Autopsy[4]	Laghman, Kabul, Kandahar, and Badakshan	1999-2002	15 - 49 years	135
Afghanistan	Verbal Autopsy[5]	National	2010	All ages	3,140
Albania	Police Records[6]	National	2007	All ages	Ł
Algeria	Cancer Registry[7–11]	Subnational	1986-2006	All ages	11,477
Algeria	Hospital[12]	National	2007	1 year +	3,599
Algeria	Police Records[13]	National	1970-1975	All ages	Ł
Algeria	Surveillance[14]	National	2002	15 - 49 years	68
Angola	Police Records[13]	National	2004	All ages	Ł
Antigua and Barbuda	Police Records[13]	National	1985-1986	All ages	Ł
Argentina	Cancer Registry[7,8]	Subnational	1990-2002	All ages	7,868
Armenia	Police Records[13]	National	1986-2009	All ages	Ł
Armenia	Police Records[6]	National	2007	All ages	Ł
Australia	Cancer Registry[7,8,15–22]	Subnational	1973-2007	All ages	845,004
Austria	Cancer Registry[8,23,24]	National	1998-2002; 2007-2008	All ages	119,284
Austria	Cancer Registry[7,8]	Subnational	1988-1997	All ages	17,210
Azerbaijan	Police Records[13]	National	1990-1994	All ages	Ł
The Bahamas	Police Records[13]	National	1970-1979; 1981-1986; 1990-2010	All ages	Ł
Bahrain	Cancer Registry[8]	National	1998-2002	All ages	1,039
Bahrain	Police Records[13]	National	1970-1980	All ages	Ł
Bahrain	Verbal Autopsy[25]	National	1985; 1996	0 - 27 days	61
Bangladesh	Hospital[26]	National	1996-1997	10 - 49 years	7,458
Bangladesh	Police Records[13]	National	1976-1986	All ages	Ł

Bangladesh	Sibling History[1]	National	2001	15 - 49 years	7,810
Bangladesh	Survey Census[27]	National	2000-2001	15 - 49 years	112,500
Bangladesh	Verbal Autopsy[28]	Agargoan, Kamalapure and Mohammedpure, Dhaka city	1992	0 - 9 years	402
Bangladesh	Verbal Autopsy[29]	Catchment of Dhaka Children's Hospital and Child Health Foundation Hospital	2004-2007	0 - 4 years	1,080
Bangladesh	Verbal Autopsy[30]	Dhaka, Chittagong, Rajshahi, and Khulna divisions	1992-1993	0 - 27 days	50
Bangladesh	Verbal Autopsy[31]	Dhaka, Khulna, Rajshahi, Chittagong	1987-1993	0 - 4 years	806
Bangladesh	Verbal Autopsy[32]	Division of Rangpur, eighteen unions in Gaibandha District and one union in Rangpur District	2001-2007	0 - 27 days	951
Bangladesh	Verbal Autopsy[33]	Five subdistricts of Dhaka City	1993-1995	0 - 4 years	180
Bangladesh	Verbal Autopsy[34]	Gopalpur and Bhuapur, Tangail district	1982-1983	15 - 49 years	₴
Bangladesh	Verbal Autopsy[35]	Matlab	1966-2006	All ages	98,750
Bangladesh	Verbal Autopsy[36]	Melanda and Islampur, Jamalpur District	1982-1983	15 - 49 years	₴
Bangladesh	Verbal Autopsy[37]	Mirsarai, Abhoynagar, slum of Kamalpur	2000-2002	All ages	706
Bangladesh	Verbal Autopsy[38]	National	1989-1996	0 - 4 years	1,506
Bangladesh	Verbal Autopsy[39]	National	1993-1997	0 - 4 years	2,096
Bangladesh	Verbal Autopsy[40]	National	2007-2009	15 - 49 years	21,546
Bangladesh	Verbal Autopsy[41]	Teknaf, Chittagong district	1982-1985	0 - 4 years	1,349
Bangladesh	Verbal Autopsy[42]	Three unions of Ghatail Upazila, Tangail District	1985	0 - 4 years	69
Bangladesh	Verbal Autopsy[43]	Uttara, Gulshan and Kamrangir Char	2008	0 - 4 years	210
Barbados	Police Records[13]	National	1970-1980; 1986-1990; 1995; 1998-2010	All ages	Ł
Belarus	Cancer Registry[7,8]	National	1983-2002	All ages	373,303
Belgium	Cancer Registry[44]	National	2003-2006	All ages	85,776
Belgium	Cancer Registry[7,8]	Subnational	1997-2002	All ages	83,518
Belize	Police Records[13]	National	1976-1980; 2000-2010	All ages	Ł
Benin	Sibling History[1]	National	1996; 2006	15 - 49 years	1,867
Benin	Verbal Autopsy[45]	Pahou and Avlekete	1988-1990	0 - 365 days	**
Bermuda *	Cancer Registry[7]	National	1983-1987	All ages	416

Bermuda *	Police Records[13]	National	1981; 1983; 1985-1994; 1998-2010	All ages	Ł
Bhutan	Hospital[46]	National	2000-2009	All ages	880
Bhutan	Police Records[13]	National	2000-2008	All ages	Ł
Bhutan	Survey Census[47]	National	1984-2000	15 - 49 years	308
Bhutan	Survey Census[48]	National	2005	All ages	596
Bolivia	Police Records[13]	National	2005-2010	All ages	Ł
Bolivia	Sibling History[1]	National	1993; 2003; 2008	15 - 49 years	1,638
Bolivia	Survey Census[49]	National	2000-2001	15 - 49 years	1,204
Bolivia	Verbal Autopsy[50]	El Alto, La Paz	1995	0 - 4 years	270
Bolivia	Verbal Autopsy[51]	National	1989	0 - 4 years	567
Bosnia and Herzegovina	Survey Census[52]	National	2003	All ages	Ł
Botswana	Hospital[53]	National	2005-2006	1 - 4 years	150
Botswana	Police Records[13]	National	1982; 1984-1990; 2005-2006; 2009	All ages	Ł
Botswana	Survey Census[54]	National	2004	All ages	1,931
Botswana	Survey Census[55]	National	2008	All ages	1,620
Brazil	Cancer Registry[7,8]	Subnational	1973; 1978-1982; 1987-2002	All ages	131,135
Brazil	Sibling History[1]	National	1996	15 - 49 years	273
Brazil	Verbal Autopsy[56]	Ilha de Sao Luis	1986-1989	0 - 4 years	124
Brazil	Verbal Autopsy[57]	Pelotas	1982	0 - 6 days	127
Brazil	Verbal Autopsy[58]	Pelotas	1982-1987	1 - 4 years	**
Brazil	Verbal Autopsy[59]	Pelotas	1984	0 - 4 years	357
Brazil	Verbal Autopsy[60]	Pelotas	1993	0 - 365 days	111
Brazil	Verbal Autopsy[61]	Porto Alegre and Pelotas	1985	0 - 365 days	1,892
Brazil	Verbal Autopsy[62]	Quixada, Icapui and Jucas (Ceara State)	1993-1994	28 days - 365 days	215
Brazil	Verbal Autopsy[63]	Sao Paulo	1980-1998	28 days - 365 days	16,006
Brazil	Verbal Autopsy[64]	Trairi	1984-1985	0 - 365 days	100
Brunei Darussalam	Police Records[6]	National	2007	All ages	Ł
Bulgaria	Cancer Registry[8,65]	National	1998-2002; 2006	All ages	105,521
Bulgaria	Police Records[6]	National	2007	All ages	Ł
Burkina Faso	Sibling History[1]	National	1998; 2003	15 - 49 years	449

Burkina Faso	Survey Census[66]	National	2006	15 - 49 years	2,471
Burkina Faso	Verbal Autopsy[67]	Kongodjan area	1982-1986	All ages	43
Burkina Faso	Verbal Autopsy[68]	Kourweogo and Oubritenga	2001-2005	0 - 4 years	2,744
Burkina Faso	Verbal Autopsy[69]	Niangoloko	1986-1987	0 - 4 years	164
Burkina Faso	Verbal Autopsy[70]	Nouna DSS	1999-2003	All ages	3,492
Burkina Faso	Verbal Autopsy[71]	Nouna DSS	2009-2010	All ages	1,256
Burkina Faso	Verbal Autopsy[72]	Nouna health district	1997-1999	All ages	1,400
Burkina Faso	Verbal Autopsy[73]	Ouagadougou	1994-1996	15 - 49 years	₴
Burkina Faso	Verbal Autopsy[74]	Ouargaye and Diapaga districts	2001-2006	15 - 49 years	697
Burkina Faso	Verbal Autopsy[75]	Pissila	1985-1987	0 - 365 days	176
Burundi	Police Records[13]	National	1981-1982; 1984-1986; 1995-2005	All ages	Ł
Burundi	Verbal Autopsy[76]	Nyanza-Lac district	1990-1991	0 - 4 years	160
Cambodia	Sibling History[1]	National	2000; 2005; 2010	15 - 49 years	2,259
Cambodia	Survey Census[77]	National	2008	15 - 49 years	804
Cambodia	Verbal Autopsy[78]	Four rural provinces	2000-2002	All ages	445
Cameroon	Police Records[13]	National	2006-2007	All ages	Ł
Cameroon	Sibling History[1]	National	1998; 2004	15 - 49 years	2,178
Canada	Cancer Registry[7,8]	National	1978-2002	All ages	1,152,263
Canada	Cancer Registry[7,8,79–81]	Subnational	1969-1977; 2003-2004; 2006	All ages	151,857
Cape Verde	Police Records[13]	National	1979	All ages	Ł
Cape Verde	Verbal Autopsy[82]	Santiago, Santo Antao, Sao Vicente islands	1992-1994	15 - 49 years	81
Central African Republic	Sibling History[1]	National	1994	15 - 49 years	1,135
Central African Republic	Verbal Autopsy[83]	Bangui	1983	0 - 4 years	188
Chad	Sibling History[1]	National	1996; 2004	15 - 49 years	3,597
Chile	Cancer Registry[8]	Subnational	1998-2002	All ages	2,414
China	Cancer Registry[7,8,84–87]	Subnational	1975; 1978-2002; 2004-2007	All ages	908,501
China	Police Records[13]	National	1981-1982; 1984-1986; 2002-2008	All ages	Ł
China	Police Records[88]	National	2000-2005	All ages	65,708
China	Surveillance (Child)[89]	National	1991-2008	0 - 4 years	#
China	Surveillance (DSP)[90]	National	1989-2010	All ages	3,100,862

China	Surveillance (HIV)[91]	National	2002-2009	All ages	104,114
China	Surveillance (Maternal)[89]	National	1989-2008	15 - 49 years	222,508
China	Surveillance (Rabies)[92]	National	1970-2008	All ages	103,787
China	Verbal Autopsy[93]	Fourteen DSP sites	2002-2004	All ages	2,482
China	Verbal Autopsy[94]	Qingzen, Zhenning, Ziyn Counties	1985-1987	0 - 365 days	3,075
China	Verbal Autopsy[95]	Sixty-six hospitals in eleven cities, Jiangsu Province	1980-1981	0 - 4 years	961
China	Multiple Source Types[96]	National	2004-2005	All ages	868,484
Colombia	Cancer Registry[7,8]	Subnational	1972-1981; 1983-2002	All ages	38,103
Congo	Burial / Mortuary[97]	Brazzaville	1996	All ages	**
Congo	Sibling History[1]	National	2005	15 - 49 years	918
Congo, the Democratic Republic of the	Sibling History[1]	National	2007	15 - 49 years	1,154
Congo, the Democratic Republic of the	Verbal Autopsy[98]	Katana, Kivu	1986-1987	0 - 4 years	358
Costa Rica	Cancer Registry[7,8]	National	1980-2002	All ages	54,617
Cote d'Ivoire	Cancer Registry[99]	Subnational	1995-1997	All ages	1,048
Cote d'Ivoire	Sibling History[1]	National	1994; 2005	15 - 49 years	1,864
Cote d'Ivoire	Verbal Autopsy[73]	Abidjan	1994-1996	15 - 49 years	₴
Cote d'Ivoire	Verbal Autopsy[100]	Four villages in the south	1988-1997	0 - 4 years	113
Croatia	Cancer Registry[7,8]	National	1988-1991; 1993-2002	All ages	154,064
Cuba	Cancer Registry[7]	National	1973-1977; 1986	All ages	59,728
Cuba	Cancer Registry[7]	Subnational	1995-1997	All ages	3,562
Cuba	Police Records[13]	National	1970-1973	All ages	Ł
Cyprus	Cancer Registry[8]	National	1998-2002	All ages	3,178
Czech Republic	Cancer Registry[7,8]	National	1983-2008	All ages	713,696
Czech Republic	Police Records[6]	National	2007	All ages	Ł
Denmark	Cancer Registry[7,8,101]	National	1971-2008	All ages	507,610
Djibouti	Verbal Autopsy[102]	National	2000-2006	15 - 49 years	199
Dominica	Police Records[13]	National	1982-1986; 2000-2010	All ages	Ł
Dominican Republic	Police Records[13]	National	1995-2010	All ages	Ł
Dominican Republic	Sibling History[1]	National	2002; 2007	15 - 49 years	705

Dominican Republic	Surveillance (Maternal)[103]	National	1999-2009	15 - 49 years	2,645
Dominican Republic	Survey Census[52]	National	2003	All ages	Ł
Ecuador	Cancer Registry[7,8]	Subnational	1985-2002	All ages	16,910
Ecuador	Sibling History[104]	National	1993	15 - 49 years	13,691
Ecuador	Verbal Autopsy[51]	National	1987	0 - 4 years	202
Egypt	Cancer Registry[8,105–107]	Subnational	1999-2002; 2008-2009	All ages	13,899
Egypt	Police Records[13]	National	1970-1974; 1982-1994; 2003-2009	All ages	Ł
Egypt	Surveillance (Maternal)[108]	National	2004-2006	15 - 49 years	2,394
Egypt	Verbal Autopsy[109]	Assiut city, Mankabad, Mosha and El-Zawia	1987-1988	15 - 49 years	₴
Egypt	Verbal Autopsy[110]	Giza governorate	1985-1986	15 - 49 years	185
Egypt	Verbal Autopsy[111]	Governorate of Menoufia	1981-1983	15 - 49 years	2,005
Egypt	Verbal Autopsy[112]	Menoufia	1987	0 - 4 years	137
Egypt	Verbal Autopsy[51]	National	1988	0 - 4 years	722
Egypt	Verbal Autopsy[113]	Representative sample of health bureaus in all Egypt	1992-1993; 2000	15 - 49 years	4,903
Egypt	Verbal Autopsy[114]	Rural areas in Beni Suef governorate	1992-1996	0 - 4 years	199
Egypt	Verbal Autopsy[115]	Twelve Menoufia villages	1990-1991	0 - 4 years	95
El Salvador	Police Records[13]	National	1970-1973; 1995-2010	All ages	Ł
El Salvador	Sibling History[116,117]	National	1997; 2002	15 - 44 years	7,286
El Salvador	Surveillance (Maternal)[118]	National	2006-2010	15 - 49 years	353
Eritrea	Sibling History[1]	National	1995	15 - 49 years	982
Estonia	Cancer Registry[7,8]	National	1971-2002	All ages	101,517
Estonia	Survey Census[52]	National	2003	All ages	Ł
Ethiopia	Burial / Mortuary[119]	Addis Ababa	2001-2006	All ages	107,270
Ethiopia	Burial / Mortuary[120]	Addis Ababa	2006-2007	1 year +	379
Ethiopia	Sibling History[1]	National	2000; 2005	15 - 49 years	4,075
Ethiopia	Survey Census[52]	National	2003	All ages	Ł
Ethiopia	Survey Census[121]	National	2007	15 - 49 years	34,547
Ethiopia	Verbal Autopsy[122]	Addis Ababa	1981-1983	15 - 49 years	₴
Ethiopia	Verbal Autopsy[123]	Alamata and Raya Azebo	2005-2006	All ages	2,097
Ethiopia	Verbal Autopsy[41]	Butajira	1986	0 - 4 years	434

Ethiopia	Verbal Autopsy[124]	Butajira	2000-2002	All ages	204
Ethiopia	Verbal Autopsy[125]	Butajira District	2003-2004	All ages	324
Ethiopia	Verbal Autopsy[126]	Butajira district, Southern Shoa Administrative region	1987-1988	All ages	490
Ethiopia	Verbal Autopsy[127]	Gilgel Gibe Field Research Center, Jimma Zone, Oromiya regional State	2004-2005	0 - 27 days	53
Ethiopia	Verbal Autopsy[128]	Ifakara and Morogoro Districts	1993-1995	15 years +	249
Ethiopia	Verbal Autopsy[129]	Jimma town, south-western Ethopia	1986-1990	15 - 49 years	₴
Ethiopia	Verbal Autopsy[130]	Meskan and Mareko	1995-1999	15 - 49 years	515
Ethiopia	Verbal Autopsy[131]	National (snakebite analysis)	2003-2004	All ages	289
Ethiopia	Verbal Autopsy[41]	North Gondar	1994-1995	0 - 4 years	229
Fiji	Police Records[13]	National	1970; 1972; 1974; 1976-1986; 1990-1994	All ages	Ł
Finland	Cancer Registry[7,8,101]	National	1971-2008	All ages	353,261
France	Cancer Registry[7,8]	Subnational	1975-2002	All ages	280,788
Gabon	Sibling History[1]	National	2000	15 - 49 years	470
The Gambia	Cancer Registry[7,132]	National	1987-1998	All ages	3,746
The Gambia	Verbal Autopsy[133]	Central and Upper River Divisions	2002	15 - 49 years	₴
The Gambia	Verbal Autopsy[134]	Farafenni	2006	0 - 4 years	141
The Gambia	Verbal Autopsy[135]	Farafenni, on the north bank of the Gambia River	1982-1987	28 days - 4 years	904
The Gambia	Verbal Autopsy[136]	Five areas along the Gambia River	1991-1992	0 - 9 years	235
The Gambia	Verbal Autopsy[137]	North of Farafenni in North Bank Division	1982-1983	0 - 27 days	41
The Gambia	Verbal Autopsy[138]	Rural areas near Farafenni	1993-1998	15 - 49 years	₴
The Gambia	Verbal Autopsy[139]	South bank of the Gambia River, east of Soma	1988-1990	0 - 4 years	150
The Gambia	Verbal Autopsy[140]	Upper River Division	1989-1993	0 - 4 years	3,776
Georgia	Police Records[13]	National	1990-2010	All ages	Ł
Germany	Cancer Registry[7,8,141–146]	Subnational	1969-2007	All ages	1,143,253
Ghana	Burial / Mortuary[147]	Korle-Bu Teaching Hospital, Accra Ghana	2001-2003	10 - 19 years	**
Ghana	Police Records[6]	National	2007	All ages	Ł
Ghana	Sibling History[148]	Rural	2007-2008	10 - 49 years	2,457

Ghana	Sibling History[148]	Urban	2007-2008	10 - 49 years	1,669
Ghana	Verbal Autopsy[128]	Ifakara and Morogoro Districts	2000	15 years +	232
Ghana	Verbal Autopsy[149]	Kassena-Nankana	1989-1991	28 days - 365 days	495
Ghana	Verbal Autopsy[150]	Kassena-Nankana	1993-1995	1 - 4 years	396
Ghana	Verbal Autopsy[151]	Kassena-Nankana District	2002-2004	15 - 49 years	45
Ghana	Verbal Autopsy[152]	Kassena-Nankana District	1995-2002	0 - 27 days	1,068
Ghana	Verbal Autopsy[153]	Kintampo	2003-2004	0 - 27 days	140
Ghana	Verbal Autopsy[154]	Navrongo	1994-1998	All ages	406
Ghana	Verbal Autopsy[155]	Navrongo	2000-2002	All ages	8,495
Ghana	Verbal Autopsy[156]	Navrongo Health Research Centre, Kassena-Nankana District	1995	All ages	2,195
Ghana	Verbal Autopsy[59]	Upper East Region	1980-1998	0 - 4 years	33
Greece	Cancer Registry[157]	National	1990-1991	All ages	12,415
Grenada	Cancer Registry[158]	Subnational	1996-2000	All ages	317
Grenada	Police Records[13]	National	2000-2010	All ages	Ł
Guatemala	Police Records[13]	National	1992-2010	All ages	Ł
Guatemala	Sibling History[1]	National	1995	15 - 49 years	379
Guatemala	Survey Census[52]	National	2003	All ages	Ł
Guinea	Cancer Registry[159]	Subnational	1992-1995	All ages	1,356
Guinea	Sibling History[1]	National	1999; 2005	15 - 49 years	2,667
Guinea	Verbal Autopsy[160]	Mandiana	1998-1999	0 - 4 years	330
Guinea-Bissau	Police Records[6]	National	2007	All ages	Ł
Guinea-Bissau	Verbal Autopsy[161]	Bandim I, Bandim II, Belem, and Mindara districts of Bissau	1993-1998	28 days - 4 years	148
Guinea-Bissau	Verbal Autopsy[162]	Bandim II	1987-1990	28 days - 4 years	135
Guinea-Bissau	Verbal Autopsy[163]	Five northern regions of Guinea-Bissau	1989-1997	15 - 49 years	ƨ
Guyana	Police Records[13]	National	1970-1975; 1990-2010	All ages	Ł
Haiti	Sibling History[1]	National	2000; 2005	15 - 49 years	1,842
Haiti	Verbal Autopsy[164]	Artibonite Valley	1995-1999	0 - 4 years	97
Haiti	Verbal Autopsy[165]	Cite Soleil, low-income community on northern edge of Port-au-Prince	1989-1990	0 - 365 days	244

Haiti	Verbal Autopsy[166]	Mirebalais	1994-1995	0 - 365 days	148
Honduras	Hospital[167]	Tegucigalpa	2001	All ages	962
Honduras	Police Records[13]	National	1976-1986; 1999-2010	All ages	Ł
Honduras	Sibling History[168]	National	1995	15 - 44 years	4,554
Honduras	Survey Census[169]	National	2000-2001	15 - 49 years	635
Honduras	Verbal Autopsy[1]	National	1990	15 - 49 years	438
Hong Kong Special Administrative Region of China *	Cancer Registry[7,8]	National	1974-2002	All ages	263,377
Hong Kong Special Administrative Region of China *	Police Records[13]	National	1981-1986; 1990-1994	All ages	Ł
Hungary	Cancer Registry[7]	Subnational	1973-1987	All ages	25,868
Iceland	Cancer Registry[8,101]	National	1971-2008	All ages	20,188
India	Cancer Registry[7,8,170–172]	Subnational	1973-2002; 2004-2008	All ages	431,868
India	Police Records[13]	National	1971-1972; 1974; 1976-1980; 1985-2009	All ages	Ł
India	Survey Census[173,174]	National	1992-1993; 1998-1999	All ages	22,932
India	Survey Census[175]	National	2002-2004; 2007-2008	15 - 49 years	#
India	Survey Census[52]	National	2003	All ages	Ł
India	Verbal Autopsy[176]	Ameliha, Jaguwapurwa, Dewpalpur, Maharajpur, Tatiyanganj	2008	0 - 27 days	109
India	Verbal Autopsy[177]	Anantapur District, Andhra Pradesh	1984-1985	15 - 49 years	391
India	Verbal Autopsy[178]	Andhra Pradesh	2003-2004	All ages	4,233
India	Verbal Autopsy[179]	Anganwadi centres of Lucknow	1992-1993	0 - 6 days	57
India	Verbal Autopsy[180]	Anganwadi centres of Lucknow	1992-1996	0 - 4 years	1,171
India	Verbal Autopsy[181]	Assam, BIhar, Maharashtra, Rajasthan, and Tamil Nadu	2003	All ages	11,454
India	Verbal Autopsy[182]	Ballabgarh, Haryana	1983-1993	0 - 365 days	606
India	Verbal Autopsy[61]	Ballabgarh, Haryana	1988-1989	0 - 4 years	811
India	Verbal Autopsy[183]	Ballabgarh, Haryana	2000-2001	0 - 4 years	173
India	Verbal Autopsy[184]	Chennai (formerly Madras)	1995-1997	25 - 69 years	48,357
India	Verbal Autopsy[185]	Cuttack and Koraput Districts, Orissa State	1992-1993	0 - 365 days	181
India	Verbal Autopsy[186]	Delhi- Sunder Nagari,	1997-2001	0 - 365 days	442

		Tahirpur and Amar Colony			
India	Verbal Autopsy[187]	Districts of Uttar Pradesh: Agra, Badaun, Basti, Farrukhabad, Ghaziabad, Gorakhpur, and Varanasi	1989-1990	15 - 49 years	₴
India	Verbal Autopsy[188]	East Delhi (Gokulpuri)-resettlement colony	1994-2004	All ages	515
India	Verbal Autopsy[189]	Five sites in Uttar Pradesh	2002-2003	0 - 27 days	161
India	Verbal Autopsy[190]	Forty-five contiguous villages in Shirur Development Block in Pune District	1987-1989	0 - 4 years	286
India	Verbal Autopsy[191]	Gadchiroli district	1988-1989	0 - 4 years	597
India	Verbal Autopsy[192]	Haryana	1985	0 - 4 years	117
India	Verbal Autopsy[193]	Kunjirwadi, Kawatha, Tisgaon	1991-1992	All ages	73
India	Verbal Autopsy[194]	Moradabad, Uttar Pradesh	1999-2001	25 - 64 years	2,222
India	Verbal Autopsy[195]	National	2001-2003	15 - 49 years	212
India	Verbal Autopsy[196]	National	2001-2003	All ages	111,835
India	Verbal Autopsy[197]	Nine integrated CDS areas	1984-1985	0 - 4 years	241
India	Verbal Autopsy[198]	Patna	1987	0 - 365 days	32
India	Verbal Autopsy[199]	Patna	1994-1996	0 - 27 days	1,000
India	Verbal Autopsy[200]	Rural area of Ambala	1985-1986	15 - 44 years	₴
India	Verbal Autopsy[201]	Saraikela Kharswan, West Singhbhum, Keonjhar districts in Jharkhand & Orissa	2004-2005	0 - 6 days	367
India	Verbal Autopsy[202]	Seven villages of Jawan block, Aligarh	2005-2006	0 - 365 days	37
India	Verbal Autopsy[203]	Seventeen sectors in two districts of Uttar Pradesh, Barabanki and Unnao	2006	0 - 27 days	618
India	Verbal Autopsy[204]	Singhbhum, and Keonjhar/Jawan, Aligarh	1989-1990	0 - 4 years	64
India	Verbal Autopsy[205]	Slums Gorakhpur	1983-1984	0 - 27 days	50
India	Verbal Autopsy[206]	Southern Rajasthan	2002-2003	15 - 49 years	₴
India	Verbal Autopsy[207]	Thirteen states (rural areas)	1980-1998	All ages	481,831
India	Verbal Autopsy[208]	Trichy District of Tamil Nadu in southern India	1988-1989	0 - 4 years	80
India	Verbal Autopsy[209]	Twenty villages in Ballabgarh block	1985-1986	0 - 4 years	272
India	Verbal Autopsy[210]	Twenty-seven tea gardens of Dibrugarh District of upper	1995	0 - 4 years	113

		Assam			
India	Verbal Autopsy[211]	Two urban slums in Delhi	1995-1996	0 - 365 days	162
India	Verbal Autopsy[212]	Vellore	1992-2001	10 - 19 years	310
India	Verbal Autopsy[184]	Villupuram district in Tamilnadu	1997-1998	25 - 69 years	31,788
India	Verbal Autopsy[213]	Wardha district, Maharashtra	2004-2006	15 years +	209
India	Verbal Autopsy[214]	West Singhbhum & Saraikela-Kharswan in Jharkhand; Keonjhar in Orissa	2004-2006	15 - 49 years	72
Indonesia	Police Records[13]	National	1970-1976; 1981-1984; 1986	All ages	Ł
Indonesia	Sibling History[1]	National	1994; 1997; 2002; 2007	15 - 49 years	5,027
Indonesia	Survey Census[215]	National	2001-2007	All ages	1,867
Indonesia	Verbal Autopsy[216]	Banyuasin III, South Sumatra	1983-1984	All ages	68
Indonesia	Verbal Autopsy[217]	Gorontalo, Lampung, Papua, and West Kalimantan	2007-2008	All ages	12,963
Indonesia	Verbal Autopsy[218]	Hasan Sadikin Hospital, Bandung	1992-1993	0 - 4 years	32
Indonesia	Verbal Autopsy[219]	Indramayu	1991-1992	0 - 4 years	141
Indonesia	Verbal Autopsy[220]	Lombok	1997-1998	0 - 4 years	141
Indonesia	Verbal Autopsy[221]	Serand and Pandeglang districts, Banten Province, Java	2004-2006	15 - 49 years	ƨ
Indonesia	Verbal Autopsy[222]	South Sumatra	1984	0 - 365 days	**
Indonesia	Verbal Autopsy[223]	Subang, West Java	1994	28 days - 365 days	**
Iran, Islamic Republic of	Cancer Registry[224,225]	National	2003-2004	All ages	45,160
Iran, Islamic Republic of	Cancer Registry[226,227]	Subnational	1985; 1996-2000	All ages	7,222
Iran, Islamic Republic of	Verbal Autopsy[228]	Birjand	2004-2005	0 - 365 days	156
Iran, Islamic Republic of	Verbal Autopsy[229]	National	1996	15 - 49 years	382
Iraq	Police Records[13]	National	1970-1974; 1990-1994	All ages	Ł
Iraq	Verbal Autopsy[174]	National	1990-1994; 1997-1999	15 - 49 years	4,198
Iraq	Verbal Autopsy[230]	South/Center and Kurdistan regions	1994-1999	0 - 4 years	4,915
Ireland	Cancer Registry[7,8,231]	National	1994-2007	All ages	98,484
Ireland	Cancer Registry[7]	Subnational	1980-1986; 1988-1992	All ages	10,973
Israel	Cancer Registry[7,8]	National	1971-2002	All ages	183,450
Italy	Cancer Registry[7,8,232–238]	Subnational	1976-2007	All ages	578,990

Jamaica	Cancer Registry[7,239–241]	Subnational	1973-1982; 1988-1997	All ages	8,767
Jamaica	Police Records[13]	National	1971-1975; 1981-1986; 1990-2010	All ages	Ł
Jamaica	Surveillance (Maternal)[242]	National	1981-2009	15 - 49 years	ƨ
Jamaica	Verbal Autopsy[243]	National	1986-1987	0 - 6 days	792
Japan	Cancer Registry[7,8,244]	Subnational	1971-2002; 2006	All ages	897,239
Jordan	Cancer Registry[245–252]	National	2001-2008	All ages	17,518
Jordan	Police Records[13]	National	1976-1986; 1990-1994	All ages	Ł
Jordan	Sibling History[1]	National	1997	15 - 44 years	119
Jordan	Verbal Autopsy[253]	National	1995-1996	0 - 79 years	947
Jordan	Verbal Autopsy[254]	National	2007-2008	15 - 49 years	76
Kazakhstan	Police Records[13]	National	1986-1992; 1995-2008	All ages	Ł
Kenya	Cancer Registry[255]	Subnational	2000-2002	All ages	1,838
Kenya	Police Records[13]	National	2004-2010	All ages	Ł
Kenya	Sibling History[1]	National	1998; 2003; 2008	15 - 49 years	2,313
Kenya	Survey Census[52]	National	2003	All ages	Ł
Kenya	Verbal Autopsy[256]	Asembo and Gem areas, Bondo and Siaya districts, Nyanza Province	2002-2005	0 - 4 years	3,064
Kenya	Verbal Autopsy[257]	Asembo and Gem, Nyanza Province	2001-2002	0 - 9 years	736
Kenya	Verbal Autopsy[258]	Asembo and Gem, Nyanza Province	2003	10 - 79 years	1,816
Kenya	Verbal Autopsy[259]	Asembo and Gem, Nyanza Province	2003-2009	28 days - 4 years	6,922
Kenya	Verbal Autopsy[67]	Brookebond Tea Estate	1997-1998	All ages	325
Kenya	Verbal Autopsy[257]	Kisumu	2000-2002	All ages	1,044
Kenya	Verbal Autopsy[260]	Korogocho and Viwandani	2003-2005	15 - 49 years	**
Kenya	Verbal Autopsy[261]	Kwale District, Coast Province	1984-1987	15 - 44 years	ƨ
Kenya	Verbal Autopsy[262]	Nairobi	2002-2008	All ages	572
Kenya	Verbal Autopsy[263]	Nairobi	2003-2005	0 - 4 years	377
Kenya	Verbal Autopsy[264]	Nginda, Mathithi, and Kamahuha. Muranga district	1985-1988	0 - 4 years	216
Kenya	Verbal Autopsy[265]	Saradidi	1981-1983	0 - 4 years	233
Kiribati	Police Records[13]	National	1986	All ages	Ł

Korea, Democratic People's Republic of	Survey Census[266]	National	2008	15 - 49 years	218
Korea, Republic of	Cancer Registry[8,267,268]	National	1999-2008	All ages	1,573,996
Korea, Republic of	Cancer Registry[7]	Subnational	1986-1998	All ages	77,873
Kuwait	Cancer Registry[7,8]	National	1979-2002	All ages	5,986
Kuwait	Police Records[13]	National	1970-1974; 1976-1989; 1992-1994	All ages	Ł
Kyrgyzstan	Cancer Registry[7]	National	1986-1987	All ages	7,017
Kyrgyzstan	Police Records[13]	National	1995-2009	All ages	Ł
Lao People's Democratic Republic	Verbal Autopsy[269]	Sixteen of seventeen provinces	1988-1991	15 - 49 years	127
Latvia	Cancer Registry[7,8]	National	1983-2002	All ages	104,062
Lebanon	Cancer Registry[270]	National	2005-2007	All ages	13,231
Lebanon	Cancer Registry[271]	Subnational	1998	All ages	2,660
Lebanon	Police Records[13]	National	1970-1974; 1986-1988; 1993-1994	All ages	Ł
Lebanon	Verbal Autopsy[272]	Beirut	1983-1994	50 years +	416
Lesotho	Police Records[13]	National	1986; 1988; 1990-1994; 2007-2009	All ages	Ł
Lesotho	Sibling History[1]	National	2004	15 - 49 years	517
Lesotho	Survey Census[169]	National	1995-1996	15 - 39 years	405
Liberia	Police Records[13]	National	1982-1985; 2007-2010	All ages	Ł
Liberia	Sibling History[1]	National	2006	15 - 49 years	981
Liberia	Verbal Autopsy[273]	Bomi and Grand Cape Mount counties	1984-1988	0 - 4 years	955
Liberia	Verbal Autopsy[274]	Liberian Agricultural Company rubber plantation	1987	0 - 49 years	**
Lithuania	Cancer Registry[7,8,275]	National	1978-2003; 2005	All ages	187,004
Macao Special Administrative Region of China *	Police Records[13]	National	1991-1994	All ages	Ł
Madagascar	Police Records[13]	National	1976-1977; 1979-1980; 1985-1994	All ages	Ł
Madagascar	Sibling History[1]	National	1992; 1997; 2003; 2008	15 - 49 years	4,709
Malawi	Cancer Registry[276]	Subnational	1994-1998	All ages	881
Malawi	Police Records[13]	National	1981-1985	All ages	Ł
Malawi	Sibling History[1]	National	1992; 2000; 2004	15 - 49 years	7,124
Malawi	Verbal Autopsy[277]	Karonga District	2002-2006	0 - 14 years	342

Malawi	Verbal Autopsy[278]	Mangochi	1987-1990	0 - 4 years	688
Malawi	Verbal Autopsy[279]	Mchinji District	2004-2005	0 - 27 days	69
Malawi	Verbal Autopsy[280]	Three rural areas	1998-2001	15 - 44 years	100
Malaysia	Cancer Registry[281]	National	2003	All ages	8,877
Malaysia	Cancer Registry[8]	Subnational	1998-2002	All ages	8,587
Malaysia	Police Records[13]	National	1970-1975; 1981-1984; 1986; 1990-1994	All ages	Ł
Malaysia	Survey Census[52]	National	2003	All ages	Ł
Maldives	Police Records[13]	National	1972; 1986-1990	All ages	Ł
Mali	Cancer Registry[7]	Subnational	1987-1992; 1994-1996	All ages	3,489
Mali	Sibling History[1]	National	1995; 2001; 2006	15 - 49 years	5,334
Mali	Verbal Autopsy[73]	Bamako Capital District : Bamako	1994-1996	15 - 49 years	₴
Mali	Verbal Autopsy[282]	Bankoni district in the city of Bamako	1989-1994	15 - 49 years	₴
Malta	Cancer Registry[7,283]	National	1969-1972; 1992-2007	All ages	11,800
Marshall Islands	Police Records[13]	National	1991-1992; 1994	All ages	Ł
Mauritania	Police Records[6]	National	2007	All ages	Ł
Mauritania	Sibling History[1]	National	2000	15 - 49 years	897
Mauritania	Verbal Autopsy[73]	Nouakchott	1994-1996	15 - 49 years	₴
Mauritius	Cancer Registry[284–288]	National	1989-2002	All ages	5,009
Mauritius	Police Records[13]	National	1970-1975; 1977; 1987-2009	All ages	Ł
Mexico	Survey Census[52]	National	2003	All ages	Ł
Mexico	Verbal Autopsy[289]	Guerrero	1993-1994	0 - 4 years	366
Mongolia	Cancer Registry[290]	National	2003-2007	All ages	3,095
Morocco	Cancer Registry[291]	Subnational	2004	All ages	1,976
Morocco	Police Records[13]	National	1970-1975; 1978-1980; 1990-1994; 1999-2010	All ages	Ł
Morocco	Sibling History[1]	National	1992; 2003	15 - 49 years	1,712
Morocco	Surveillance[292]	National	2001-2008	15 - 49 years	452
Morocco	Survey Census[52]	National	2003	All ages	Ł
Morocco	Verbal Autopsy[293]	National	1987-1997	0 - 365 days	1,113
Mozambique	Burial / Mortuary[294]	Maputo Central Hospital	1994-2003	1 year +	1,082
Mozambique	Police Records[13]	National	1999-2003; 2008	All ages	Ł

Mozambique	Sibling History[1]	National	1997; 2003	15 - 49 years	2,021
Mozambique	Verbal Autopsy[295]	Manhica	2000-2002	All ages	1,276
Mozambique	Verbal Autopsy[296]	Manhica, Maputo Province	1997-2006	0 - 14 years	3,696
Mozambique	Verbal Autopsy[297]	National	2006-2007	All ages	10,080
Mozambique	Verbal Autopsy[298]	National	2007	15 - 49 years	209
Mozambique	Verbal Autopsy[299]	Sofala: 8 sites	1996-1997	15 - 49 years	40
Mozambique	Verbal Autopsy[300]	Tete Province	2004	All ages	216
Myanmar	Police Records[13]	National	1995; 2000-2007	All ages	Ł
Myanmar	Verbal Autopsy[301]	Conflict zones of Karen, Karenni and Mon of eastern Burma	2002-2003	All ages	189
Myanmar	Verbal Autopsy[302]	Pyinmana Township	2007	All ages	970
Namibia	Police Records[13]	National	2004	All ages	Ł
Namibia	Sibling History[1]	National	1992; 2000; 2006	15 - 49 years	1,484
Nepal	Burial / Mortuary[303]	Kathmandu	2000-2004	All ages	902
Nepal	Police Records[13]	National	1970; 1976; 1978-1986; 1997-2009	All ages	Ł
Nepal	Sibling History[1]	National	2006	15 - 49 years	419
Nepal	Verbal Autopsy[41]	Jumla	1984	0 - 4 years	64
Nepal	Verbal Autopsy[304]	Lalitpur	1989-1990	0 - 6 days	**
Nepal	Verbal Autopsy[279]	Makwanpur district	2001-2003	0 - 27 days	385
Nepal	Verbal Autopsy[305]	Sarlahi	2001-2006	0 - 4 years	333
Nepal	Verbal Autopsy[306]	Sarlahil	1998-2001	0 - 27 days	182
Netherlands	Cancer Registry[7,8]	National	1989-2002	All ages	462,747
Netherlands	Cancer Registry[7,8]	Subnational	1973-1988	All ages	30,045
New Zealand	Cancer Registry[7,8,307–311]	National	1972-1976; 1978-2007	All ages	225,457
Nicaragua	Police Records[13]	National	1990-2010	All ages	Ł
Nicaragua	Sibling History[312]	National	1991	15 - 44 years	2,374
Nicaragua	Survey Census[169]	National	2004-2005	15 - 49 years	242
Nicaragua	Verbal Autopsy[313]	Leon	1993	0 - 4 years	72
Niger	Sibling History[1]	National	1992; 2006	15 - 49 years	2,802
Niger	Verbal Autopsy[314]	Agadez, Diffa, Dosso, Maradi, Tahoua, Tillaberi, Zinder, Niamey	2005	0 - 4 years	5,737

Niger	Verbal Autopsy[73]	Niamey	1994-1996	15 - 49 years	₴
Nigeria	Burial / Mortuary[315]	Kano	2000	1 year +	46
Nigeria	Burial / Mortuary[316]	Port Harcourt Teaching Hospital	1995-2001	All ages	333
Nigeria	Burial / Mortuary[317]	Ring Road State Hospital, Ibadan	1994-2000	All ages	392
Nigeria	Hospital[318]	Jos	1993-1997	0 - 14 years	292
Nigeria	Police Records[13]	National	1990-2008	All ages	₺
Nigeria	Sibling History[1]	National	1999; 2008	15 - 49 years	4,024
Nigeria	Verbal Autopsy[319]	Akoko North, Ondo State	1987	0 - 4 years	120
Nigeria	Verbal Autopsy[320]	Ibadan	1993-1995	15 years +	60
Nigeria	Verbal Autopsy[321]	Lagun village	1993-1998	0 - 365 days	64
Nigeria	Verbal Autopsy[322]	Nko, Cross River State	1991	0 - 9 years	472
Norway	Cancer Registry[7,8,101]	National	1971-2008	All ages	340,686
Occupied Palestinian Territory	Verbal Autopsy[323]	West Bank: ten sites	2000-2001	15 - 49 years	₴
Oman	Cancer Registry[7,8,324–330]	National	1993-2008	All ages	6,322
Oman	Police Records[13]	National	1971-1975	All ages	₺
Pakistan	Cancer Registry[7,8]	Subnational	1995-2002	All ages	6,927
Pakistan	Hospital[331]	Thirty selected hospitals	2009	1 year +	5,777
Pakistan	Police Records[13]	National	1970-1980; 1996-2009	All ages	₺
Pakistan	Survey Census[332]	National	2006-2007	0 - 4 years	3,100
Pakistan	Sibling History[332]	National	2006-2007	15 - 49 years	847
Pakistan	Hospital[333]	National	1993-1994	All ages	3,543
Pakistan	Survey Census[52]	National	2003	All ages	₺
Pakistan	Verbal Autopsy[41]	Abbottabad	1985-1987	0 - 4 years	378
Pakistan	Verbal Autopsy[334]	Balochistan, Tribal Areas, and the Northwest Frontier Province	1990-1994	0 - 365 days	1,141
Pakistan	Verbal Autopsy[335]	Karachi and Pishin	1984-1992	15 - 49 years	₴
Pakistan	Verbal Autopsy[336]	Lahore	1984-1987	0 - 4 years	159
Pakistan	Verbal Autopsy[337]	Two communities in Karachi	2007-2008	0 - 4 years	54
Pakistan	Verbal Autopsy[336]	Villages in a rural district of northern Pakistan	1985-1987	0 - 4 years	93
Panama	Cancer Registry[338]	National	1988-1999	All ages	19,266

Papua New Guinea	Verbal Autopsy[339]	Asaro Valley, Eastern Highlands Province	1980-1989	All ages	582
Papua New Guinea	Verbal Autopsy[41]	Goroka	1985	0 - 4 years	170
Papua New Guinea	Verbal Autopsy[340]	Madang province	1982-1984	All ages	407
Papua New Guinea	Verbal Autopsy[341]	Tari basin, Southern Highlands province	1981	0 - 4 years	151
Papua New Guinea	Verbal Autopsy[342]	Wosera area, East Sepik Province	1991-1994	All ages	164
Paraguay	Cancer Registry[7]	Subnational	1988-1989	All ages	2,291
Paraguay	Sibling History[343]	National	1994	15 - 49 years	3,071
Paraguay	Survey Census[169]	National	2001-2002	15 - 49 years	328
Paraguay	Survey Census[52]	National	2003	All ages	Ł
Peru	Cancer Registry[7,8]	Subnational	1984-1991; 1998-2002	All ages	11,427
Peru	Police Records[6]	National	2007	All ages	Ł
Peru	Sibling History[1]	National	1991; 1996; 2000	15 - 49 years	6,384
Philippines	Cancer Registry[7,8]	Subnational	1978-2002	All ages	94,614
Philippines	Hospital[344]	National	1993-2009	All ages	21,222
Philippines	Police Records[13]	National	1972; 1974; 1976-1980; 1998-2009	All ages	Ł
Philippines	Sibling History[1]	National	2003; 2004	15 - 49 years	1,666
Philippines	Survey Census[52]	National	2003	All ages	Ł
Philippines	Verbal Autopsy[59]	Cebu	1988-1991	0 - 4 years	258
Philippines	Verbal Autopsy[41]	Manila	1985-1987	0 - 4 years	**
Poland	Cancer Registry[345]	National	2003-2008	All ages	431,669
Poland	Cancer Registry[7,8]	Subnational	1970-2002	All ages	301,368
Portugal	Cancer Registry[7,8]	Subnational	1983-1987; 1993-2002	All ages	59,981
Puerto Rico *	Cancer Registry[7]	Subnational	1973-1993	All ages	76,801
Puerto Rico *	Police Records[13]	National	1995-2010	All ages	Ł
Qatar	Police Records[13]	National	1970-1994; 1998-2000; 2003-2008	All ages	Ł
Romania	Cancer Registry[7]	Subnational	1970-1972; 1974-1987	All ages	22,154
Russian Federation	Cancer Registry[7,8]	Subnational	1983-1987; 1994-2002	All ages	160,374
Russian Federation	Police Records[346]	National	1989-2001	All ages	Ł
Russian Federation	Police Records[346]	National	2004-2008	All ages	14,723

Rwanda	Police Records[13]	National	1986-1990; 1995-2010	All ages	Ł
Rwanda	Sibling History[1]	National	2000; 2005	15 - 49 years	4,209
Saint Lucia	Police Records[13]	National	1980; 2000-2010	All ages	Ł
Saint Vincent and the Grenadines	Police Records[13]	National	1981-1985; 1995-2010	All ages	Ł
Samoa	Burial / Mortuary[347]	Apia	1986-1988	All ages	58
Samoa	Cancer Registry[348]	Subnational	1980-1988	All ages	389
Sao Tome and Principe	Police Records[13]	National	1990-1994	All ages	Ł
Sao Tome and Principe	Sibling History[1]	National	2008	15 - 44 years	114
Saudi Arabia	Cancer Registry[349–356]	National	1994-2005	All ages	40,075
Saudi Arabia	Police Records[13]	National	1970-1974; 1999-2007	All ages	Ł
Saudi Arabia	Verbal Autopsy[357]	King Fahd Hospital of the University Al-Khobar	1981-1985	0 - 6 days	59
Senegal	Cancer Registry[7]	Subnational	1969-1974	All ages	1,194
Senegal	Police Records[13]	National	1976-1980	All ages	Ł
Senegal	Sibling History[1]	National	1992; 2005	15 - 49 years	2,077
Senegal	Verbal Autopsy[358]	And Fatik, two small towns in the region of Kaolack	1984-1998	15 - 49 years	33
Senegal	Verbal Autopsy[359]	Bandafassi	1985-2004	All ages	3,453
Senegal	Verbal Autopsy[360]	Bandafassi, Niakhar, and Mlomp	1984-1995	0 - 9 years	3,238
Senegal	Verbal Autopsy[361]	District of Fatick, Niakhar	1989-2000	0 - 14 years	3,422
Senegal	Verbal Autopsy[362]	Mlomp, Ziguinchor Region	1985-2004	15 - 59 years	363
Senegal	Verbal Autopsy[363]	Mlomp, Ziguinchor Region	1985-1989	0 - 4 years	75
Senegal	Verbal Autopsy[51]	National	1986	0 - 4 years	579
Senegal	Verbal Autopsy[364]	Ngayokheme, Sine	1972-1981	28 days - 4 years	359
Senegal	Verbal Autopsy[365]	Niakhar	1983-1989	0 - 4 years	1,883
Senegal	Verbal Autopsy[359]	Niakhar	1985-2004	All ages	9,227
Senegal	Verbal Autopsy[366]	Niakhar	1999-2002	All ages	1,335
Senegal	Verbal Autopsy[367]	Niakhar, Fatick region	1984-1997	15 - 49 years	214
Senegal	Verbal Autopsy[73]	Saint-Louis, and Kafrine and Fatik, two small towns in the region of Kaolack	1994-1996	15 - 49 years	₴
Serbia	Cancer Registry[8]	National	1999-2002	All ages	53,449
Serbia	Cancer Registry[7]	Subnational	1988-1997	All ages	44,379

Seychelles	Police Records[13]	National	1976-1980; 1986-1990	All ages	Ł
Sierra Leone	Police Records[13]	National	2007-2008	All ages	Ł
Sierra Leone	Sibling History[1]	National	2008	15 - 49 years	838
Sierra Leone	Verbal Autopsy[368]	Fifteen villages near Bo, in the Southern Province	1990-1991	0 - 9 years	33
Sierra Leone	Verbal Autopsy[369]	Freetown	1987-1991	0 - 4 years	616
Sierra Leone	Verbal Autopsy[370]	Western area and Port Loko	1993	0 - 4 years	559
Singapore	Cancer Registry[7,8,371]	National	1971-2002; 2004-2008	All ages	119,889
Slovakia	Cancer Registry[7,8]	National	1971-2002	All ages	333,391
Slovakia	Police Records[6]	National	2007	All ages	Ł
Slovenia	Cancer Registry[7,8,372–376]	National	1971-2007	All ages	151,701
Slovenia	Police Records[6]	National	2007	All ages	Ł
Somalia	Verbal Autopsy[377]	Lama-Doonka & Buulalow villages, near Mogadishu	1987-1989	0 - 4 years	88
South Africa	Cancer Registry[378]	Subnational	1998-2002	All ages	1,732
South Africa	Police Records[13]	National	1976-1980; 1995-2009	All ages	Ł
South Africa	Sibling History[1]	National	1998	15 - 49 years	174
South Africa	Survey Census[379]	National	1997-1998; 2007-2008	15 - 49 years	₴
South Africa	Survey Census[1]	National	2000-2001	15 - 49 years	12,700
South Africa	Verbal Autopsy[380]	Agincourt	1992-1995	All ages	1,001
South Africa	Verbal Autopsy[381]	Agincourt	2000-2002	All ages	1,282
South Africa	Verbal Autopsy[382]	Bushbuckridge district	2005-2007	20 years +	106
South Africa	Verbal Autopsy[383]	Greater Cape Town	1988	0 - 27 days	281
South Africa	Verbal Autopsy[384]	Northern KwaZulu-Natal	2000-2002	0 - 14 years	792
South Africa	Verbal Autopsy[385]	Salt River State Mortuary, Cape Town	1991-1992	0 - 365 days	63
South Africa	Verbal Autopsy[386]	Somkhele, KwaZulu-Natal	2000-2002	All ages	4,196
South Africa	Verbal Autopsy[387]	Vulindelela, KwaZulu-Natal	2003-2004	All ages	184
Spain	Cancer Registry[7,8,388]	Subnational	1973-2004	All ages	290,572
Sri Lanka	Cancer Registry[389]	National	2001-2005	All ages	36,963
Sri Lanka	Police Records[13]	National	1970-1972; 1974; 1976-1990	All ages	Ł
Sri Lanka	Surveillance (Maternal)[390]	National	1995-2008	15 - 49 years	2,179
Sri Lanka	Survey Census[52]	National	2003	All ages	Ł

Sri Lanka	Verbal Autopsy[391]	Health Unit Kopay (Jaffna district)	1982-1983	0 - 4 years	97
Sudan	Burial / Mortuary[392]	Khartoum	2004-2009	1 year +	4,001
Sudan	Burial / Mortuary[393]	Omdurman	2010	1 year +	84
Sudan	Police Records[13]	National	1970-1974; 1990-1994	All ages	Ł
Sudan	Sibling History[1]	National	1989	15 - 49 years	632
Sudan	Verbal Autopsy[394]	National	2004-2006	15 - 49 years	20,271
Suriname	Police Records[13]	National	1976-1980; 1984-1986; 2000-2009	All ages	Ł
Swaziland	Police Records[13]	National	1986-1995; 2003-2004	All ages	Ł
Swaziland	Sibling History[1]	National	2006	15 - 44 years	288
Sweden	Cancer Registry[7,8,101]	National	1971-2007	All ages	684,274
Switzerland	Cancer Registry[395]	National	2003-2007	All ages	75,873
Switzerland	Cancer Registry[7,8]	Subnational	1971-2002	All ages	171,959
Syrian Arab Republic	Police Records[13]	National	1970-1974; 1976-1994; 1997-2009	All ages	Ł
Syrian Arab Republic	Verbal Autopsy[396]	National	1993; 1996-2001	15 - 49 years	564
Syrian Arab Republic	Verbal Autopsy[397]	National	1995-1996	1 - 4 years	**
Syrian Arab Republic	Verbal Autopsy[397]	National	1996	0 - 4 years	330
Taiwan	Cancer Registry[7,398]	National	1980-2007	All ages	595,871
Taiwan	Police Records[13]	National	1995-2009	All ages	Ł
Tajikistan	Police Records[13]	National	1995-2008	All ages	Ł
Tajikistan	Verbal Autopsy[399]	Khatlon, Dushanbe	2003	0 - 365 days	218
Tajikistan	Verbal Autopsy[399]	Sughd, RSS Provinces	2001	0 - 365 days	96
Tanzania, United Republic of	Police Records[13]	National	2003-2004	All ages	Ł
Tanzania, United Republic of	Sibling History[1]	National	1996; 2004; 2009	15 - 49 years	3,502
Tanzania, United Republic of	Verbal Autopsy[400]	Bagamayo	1993	15 - 49 years	₴
Tanzania, United Republic of	Verbal Autopsy[401]	Bagamoyo District	1983-1985	0 - 4 years	672
Tanzania, United Republic of	Verbal Autopsy[402]	Bagamoyo District	1986-1987	0 - 4 years	610
Tanzania, United Republic of	Verbal Autopsy[403]	Basotu (Hanang) and Dongobesh (Mbulu)	1995-1996	0 - 27 days	76

		divisions; Arusha			
Tanzania, United Republic of	Verbal Autopsy[404]	Basotu and Dongobesh; Arusha	1995-1996	15 - 49 years	₴
Tanzania, United Republic of	Verbal Autopsy[405]	Dar es Salaam and Kilimanjaro	2001-2003	All ages	2,072
Tanzania, United Republic of	Verbal Autopsy[406]	Hai District (Kilimanjaro)	1996-1997	0 - 6 days	31
Tanzania, United Republic of	Verbal Autopsy[407]	Hai and Morogoro Districts	1992-1999	15 - 49 years	331
Tanzania, United Republic of	Verbal Autopsy[408]	Hai and Morogoro Districts	1994-2002	All ages	35,994
Tanzania, United Republic of	Verbal Autopsy[409]	Ifakara	2000-2002	All ages	1,813
Tanzania, United Republic of	Verbal Autopsy[410]	Ifakara	2002-2005	0 - 4 years	643
Tanzania, United Republic of	Verbal Autopsy[411]	Ifakara	2003-2007	15 - 59 years	1,111
Tanzania, United Republic of	Verbal Autopsy[412]	Ifakara	2005-2007	0 - 365 days	563
Tanzania, United Republic of	Verbal Autopsy[128]	Ifakara and Morogoro Districts	1993-1995	15 years +	2,695
Tanzania, United Republic of	Verbal Autopsy[413]	Ijumbi, Nshambya, Ikondo, Bushemba, and Bunywambele villages in Muleba District	1997-2006	All ages	415
Tanzania, United Republic of	Verbal Autopsy[414]	Kisesa ward, Mwanza	1994-1998	15 - 44 years	125
Tanzania, United Republic of	Verbal Autopsy[415]	Magu DSS, Mwanza	1997-2001	0 - 59 years	741
Tanzania, United Republic of	Verbal Autopsy[416]	Mkusi, Kilulu, Enzi, Tingeni, and Lunguza villages in Muheza District	1992-1993	0 - 4 years	83
Tanzania, United Republic of	Verbal Autopsy[154]	Morogoro district	1992-1995	All ages	209
Tanzania, United Republic of	Verbal Autopsy[417]	Pemba, Zanzibar	2002-2003	0 - 4 years	389
Tanzania, United Republic of	Verbal Autopsy[418]	Rufiji	2000-2002	All ages	3,946
Tanzania, United Republic of	Verbal Autopsy[419]	Thirteen villages, Yombo division of Bagamoyo District	1992-1994	0 - 4 years	118
Thailand	Cancer Registry[7,8,420]	Subnational	1983-2003	All ages	109,538
Thailand	Police Records[13]	National	1974; 1976-1980; 1995-2010	All ages	Ł
Thailand	Verbal Autopsy[421]	National	2005	All ages	12,270
Thailand	Verbal Autopsy[422]	Panomtuan, Thepa, Kranuan, Muang Districts	2000-2002	0 - 6 days	**
Thailand	Verbal Autopsy[423]	Rajvithi Hospital, Bangkok	1983-1987	0 - 4 years	896
Thailand	Verbal Autopsy[424]	Songkhla province	2000	35 - 64 years	50

Timor-Leste	Sibling History[1]	National	2009	15 - 49 years	1,120
Togo	Police Records[6]	National	2007	All ages	Ł
Togo	Sibling History[1]	National	1998	15 - 49 years	534
Tonga	Police Records[13]	National	1976-1980; 1986-1990	All ages	Ł
Trinidad and Tobago	Cancer Registry[425]	National	1995-2006	All ages	12,012
Trinidad and Tobago	Police Records[13]	National	1970-1986; 1995-2010	All ages	Ł
Tunisia	Cancer Registry[8]	Subnational	1998-2002	All ages	1,623
Tunisia	Police Records[6]	National	2007	All ages	Ł
Tunisia	Survey Census[52]	National	2003	All ages	Ł
Tunisia	Verbal Autopsy[51]	National	1988	0 - 4 years	227
Turkey	Burial / Mortuary[426]	Diyarbakir	1996-2001	All ages	617
Turkey	Burial / Mortuary[427]	Diyarbakir	2000-2003	All ages	163
Turkey	Cancer Registry[8,428]	Subnational	1998-2002; 2006	All ages	28,015
Turkey	Police Records[429]	National	2001-2010	All ages	2,428
Turkey	Verbal Autopsy[430]	Hasancelebi, Malatya	2001	20 years +	173
Turkey	Verbal Autopsy[431]	Narlidere District	1999-2001	0 - 365 days	69
Turkey	Verbal Autopsy[432]	National	2005	15 - 49 years	6,110
Turkey	Verbal Autopsy[433]	Urban populations	2000	All ages	1,062
Turkmenistan	Police Records[13]	National	1995-2006	All ages	Ł
Uganda	Cancer Registry[7,8]	Subnational	1991-2002	All ages	4,775
Uganda	Police Records[13]	National	2003-2004; 2008-2009	All ages	Ł
Uganda	Sibling History[1]	National	1995; 2000; 2006	15 - 49 years	3,106
Uganda	Verbal Autopsy[434]	HDSS site, Iganga, Mayuge Districts, eastern Uganda	2005-2008	0 - 27 days	64
Uganda	Verbal Autopsy[435]	Iganga/Mayuge	2006	0 - 4 years	530
Uganda	Verbal Autopsy[436]	Mbarara, south-west Uganda	1988	0 - 4 years	104
Ukraine	Cancer Registry[437–442]	National	2000-2007	All ages	819,699
United Arab Emirates	Police Records[13]	National	1976-1980	All ages	Ł
United Kingdom	Cancer Registry[7,8,443–449]	Subnational	1979-1990; 1993-2009	All ages	4,303,737
United States	Cancer Registry[7,8,450]	Subnational	1969-2008	All ages	4,943,633
Uruguay	Cancer Registry[451]	National	2002-2006	All ages	35,784

Uruguay	Cancer Registry[7]	Subnational	1990-1995	All ages	20,413
Uzbekistan	Police Records[13]	National	1995-2008	All ages	Ł
Vanuatu	Police Records[13]	National	1987-1990	All ages	Ł
Venezuela	Police Records[13]	National	1995-2009	All ages	Ł
Viet Nam	Cancer Registry[7]	Subnational	1991-1998	All ages	25,776
Viet Nam	Survey Census[452]	National	2006-2007	All ages	79,685
Viet Nam	Verbal Autopsy[453]	Bavi, Hatay Province	1999-2003	20 years +	1,067
Viet Nam	Verbal Autopsy[454]	National	2006-2007	All ages	6,804
Viet Nam	Verbal Autopsy[455]	National	2007-2008	All ages	9,288
Viet Nam	Verbal Autopsy[456]	Quang Ninh province	1988	0 - 4 years	103
Viet Nam	Verbal Autopsy[457]	Tien Hai, Thai Binh	1982-1992	0 - 4 years	81
Viet Nam	Verbal Autopsy[458]	Vinh Phu, Quang Ngai, and Song Be	1994-1995	15 - 49 years	2,821
Yemen	Verbal Autopsy[459]	National	2001-2003	15 - 49 years	2,696
Yemen	Verbal Autopsy[460]	Qash'a, Muhayfif and Nishtun, Haraga and Mawqes, AlSuwairy, and Aryeb	1982-1984	0 - 9 years	47
Zambia	Burial / Mortuary[461]	Lusaka	2007-2008	All ages	18,783
Zambia	Police Records[13]	National	1976-1980; 1990-1994; 1998-1999; 2004-2010	All ages	Ł
Zambia	Sibling History[1]	National	1996; 2001; 2007	15 - 49 years	4,726
Zambia	Verbal Autopsy[462]	Lusaka	1990	0 - 365 days	**
Zambia	Verbal Autopsy[463]	National	2009-2010	All ages	1,133
Zimbabwe	Cancer Registry[464,465]	National	2005-2006	All ages	3,812
Zimbabwe	Cancer Registry[7,8]	Subnational	1990-2002	All ages	8,998
Zimbabwe	Police Records[13]	National	1976-1979; 1986; 1995-2000; 2002-2007	All ages	Ł
Zimbabwe	Sibling History[1]	National	1994; 1999; 2005	15 - 49 years	2,282
Zimbabwe	Survey Census[169]	National	1991-2002	15 - 49 years	12,153
Zimbabwe	Survey Census[52]	National	2003	All ages	Ł
Zimbabwe	Verbal Autopsy[279]	Eleven districts in ten provinces	2007-2008	0 - 27 days	180
Zimbabwe	Verbal Autopsy[466]	Harare and Masvingo	1989-1990	15 - 49 years	ƨ

‡ Age ranges reported in GBD age bins

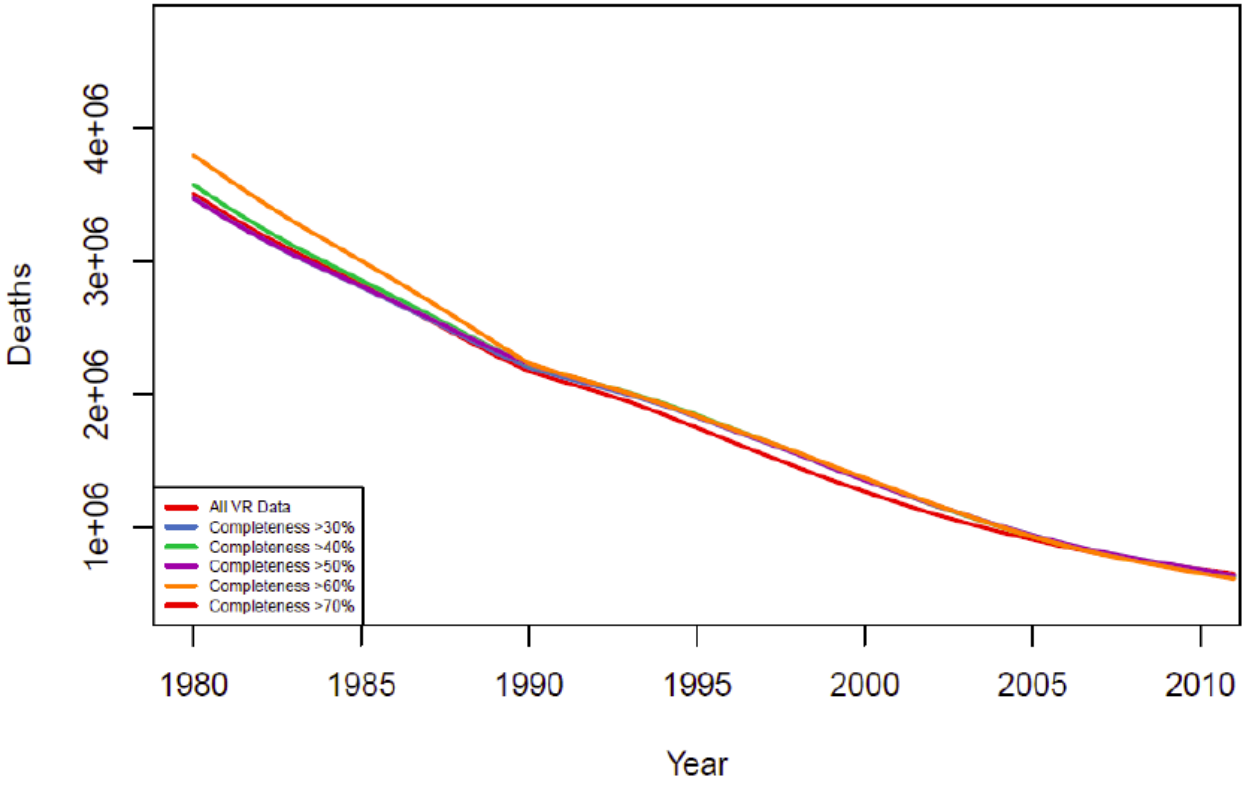
*	Non-reporting countries
**	Less than 30 deaths
Ł	Data received as rates
₴	Data received as MMR
#	Data received as cause fraction

Section 2. Assessing and enhancing data quality and comparability

A. Completeness Sensitivity Analysis

To test the effect of including for children vital registration data with different levels of completeness, we have rerun our analysis of the two most important causes of child death: diarrhea and acute respiratory infections (ARI). We repeat the entire CODEm model-building process six times: using all the vital registration data, using data with greater than 70% completeness, using data with greater than 60% completeness, using data with greater than 50% completeness, using data with greater than 40% completeness, and using data with greater than 30% completeness. At the global level, the effect of using all VR data compared to using only data with greater than 30% completeness was minimal. In the period from 1990 to 2010, there is effectively no difference both for ARI and diarrhea. **Web Figure 1** shows the global death counts for diarrhea, as an example, using the different data inclusion criteria. It should be noted that this analysis shows the CODEm results prior to running CodCorrect.

Web Figure 1. Global diarrhea deaths estimated using CODEm using different under-5 vital registration completeness inclusion criteria



Examination of results at the region level shows that the largest difference was in Central Asia. When local VR data is excluded based on the inclusion criteria, the estimates for diarrhea are higher and ARI lower than when local VR data are incorporated in the models. This reflects the uniquely high cause fractions from ARI recorded in Central Asia. For other regions, there is not a notable systematic difference in the results.

B. Mapping revisions and variants of the ICD

Web Table 3 provides a listing of the ICD9 BTL, ICD9 detail, and ICD10 codes for each of 291 GBD causes. The table is organized by GBD cause, presenting the specific ICD codes that were mapped to each cause for each of the three ICD variants.

Web Table 3 - List of International Classification of Diseases codes mapped to the Global Burden of Disease cause list

GBD Name	ICD10 Code	ICD9 Code	ICD9 BTL Code
Communicable, maternal, neonatal and nutritional disorders	A15-A19, B90, P37.0, B20-B24, C46-C469, D84.9, A00, A02- A04, A06-A09, A01, J09-J11, J13, J14, J12.1, J12 (except J12.1), J15-J22, J85, P23, J00-J06, H65-H68, H70, G00.1, G00.0, A39, A87, G00.2-G03.9, A83-A86, B94.1, G04, A36, A37, A33-A35, B05, B01-B02, P35.8, B50-B54, P37.3, P37.4, B57, B55, B56, B65, B69, B67, B74 (except B74.3, B74.4, B74.8, B74.9), B73, A71**, A74.0**, B94.0**, A90-A91, A95, A82, B76, B66, O00-O99, P01.0, P01.1, P07, P22, P25-P28, P61.2, P77, P52, P00, P01.7-P01.9 , P02-P03 , P08.0-P08.2, P10-P15, P20-P21, P24, P70, P90-P91, P36, P38-P39, P01.2-P01.6, P04, P05, P29, P50-P74 (except P61.2, P52, P70), P76, P78-P83, P92-P94, P96 (except P96.9), E40-E46, E64.0, E00-E02, E50, E64.1, D50, D64.9, D51-D53, E51-E63.9, E64.2-E64.3, N70-N73.9, A50-A58, A59**, A60**, A63**, B15, B16, B17.0, P35.3, P35.3, B17.1, B17.2, A30, B92, A20-A28, A31-A32, A38, A42-A49 (except A48.0, A48.3, A49.9), A65-A70 (except A68), A74 (except A74.0), A81, A88-A89, A99, B04, B25, B27-B49 (except B35-B36), B58-B64, P35.1, P35.2, P35.8, P35.9, P37.2, P37.5-P37.9, B03, B26 , B06, P35.0, A80, B91	010 - 018, 137.0-137.4, 320.4, 730.4-730.6, 042-044, 112-118(after 1980), 130(after 1980), 136.3-136.8(after 1980), 176.0-176.9(after 1980), 279(after 1980)001, 003-004, 006-009,002,487, 481 , 482.2, 480.1, 466, 480.0-480.9(except 480.1), 482.0-4829(except 482.2), 483-486, 513, 770.0, 460-465, 476, 381-383, 320.1, 320.0, 036, 320.5 , 047-049, 320.2-320.3, 320.7-320.9, 321-322, 062-064, 139.0, 323.1, 323.3-323.4, 323.6-323.9, 32, 33, 037, 771.3, 55, 052-053084, 086.0, 086.2, 085, 086.3-086.5, 120,123.1, 122, 125.0-125.2, 125.3,0, 76**, 077.0**61, 60, 71, 126, 121, 630-677, 761.0-761.1, 765, 769, 770.2-770.9, 772.1, 774.2, 776.6, 777.5-777.6 , 772.2, 760, 761.7-761.9, 762, 763, 766,767, 768.4-768.9, 770.1, 775.0, 775.1,775.6, 779.0-779.2, 771.4-771.8, 761.2-761.6, 764, 770.0, 771, 772.0, 772.3-772.9, 774.0, 774.1, 774.3-774.7, 775(except 775.0 ,775.1, 775.6), 776.0-776.5 , 776.7-776.9, 777.0-777.4, 777.8-777.9, 778, 779.4-779.8260-263.9, 243, 244.2, 264-264.9, 280, 285.9, 265-269, 281, 090-097, 098, 099.1, 099.4-099.5, 099.0, 099.2-099.3, 99.8-99.9, 614-616.4, 070 (excpt 70.22, 70.23, 70.32, 70.33, 70.44, 70.49,70.54, 70.59)***, 030, 020-027, 031, 034-035, 039-041(except040.0) , 046, 051, 054, 057, 073-075, 077(except 077.0) 078.5-078.8, 100-104, 136.0-136.2, 136.9, 323.0, 730.9, 771.1-771.2, 50, 72,056, 771.0,045, 138, 323.2, 730.7	B020-B029, B184-B185B011, B320-B322, B310-B312, B240, B036, B220, B045, B033, B034, B037, B037, B042, B052, B053, B072, B073, B074, B044, B047, B075, B380-B399, B40-B41, B190-B192, B200, B060, B061, B069, B371-B372, B046, B032, B030-B031, B035, B039, B070, B041, B043, B040, B078
HIV/AIDS and tuberculosis	A15-A19, B90, P37.0, B20-B24, C46-C469, D84.9	010 - 018, 137.0-137.4, 320.4, 730.4-730.6, 042-044, 112-118(after 1980), 130(after 1980), 136.3-136.8(after 1980), 176.0-176.9(after 1980), 279(after 1980)	B020-B029, B184-B185
Tuberculosis	A15-A19, B90, P37.0	010 - 018, 137.0-137.4, 320.4, 730.4-730.6	B020-B029
HIV/AIDS	B20-B24, C46-C469, D84.9	042-044, 112-118(after 1980), 130(after 1980), 136.3-136.8(after 1980), 176.0-176.9(after 1980), 279(after 1980)	B184-B185
HIV disease resulting in mycobacterial infection	B20.0		
HIV disease resulting in other specified or unspecified diseases	B20-B24(except B20.0), C46-C46.9, D84.9		
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	A00, A02-A04, A06-A09, A01, J09-J11, J13, J14, J12.1, J12 (except J12.1), J15-J22, J85, P23, J00-J06, H65-H68, H70, G00.1, G00.0, A39, A87, G00.2-G03.9, A83-A86, B94.1, G04, A36, A37, A33-A35, B05, B01-B02, P35.8	001, 003-004, 006-009, 002, 487, 481, 482.2, 480.1, 466, 480.0-480.9(except 480.1), 482.0-4829(except 482.2), 483-486, 513, 770.0, 460-465, 476, 381-383, 320.1, 320.0, 036, 320.5, 047-049, 320.2-320.3, 320.7-320.9, 321-322, 062-064, 139.0, 323.1, 323.3-323.4, 323.6-323.9, 032, 033, 037, 771.3, 055, 052-053	B011, B320-B322, B310-B312, B240, B036, B220, B045, B033, B034, B037, B037, B042
Diarrheal diseases	A00, A02-A04, A06-A09	001, 003-004, 006-009	
Cholera	A00	001	B010
Other salmonella infections	A02	003	
Shigellosis	A03	004	B012

Web Table 3 - List of International Classification of Diseases codes mapped to the Global Burden of Disease cause list			
GBD Name	**ICD10 Code**	**ICD9 Code**	**ICD9 BTL Code**
Enteropathogenic E coli infection	A04.0	008.01***	
Enterotoxigenic E coli infection	A04.1	008.02***	
Campylobacter enteritis	A04.5	008.43***	
Amoebiasis	A06	006	B014
Cryptosporidiosis	A07.2	007.4	
Rotaviral enteritis	A08.0	008.61***	
Other diarrheal diseases	A04 (except A04.0, A04.1, A04.5), A07-A09 (except A07.2, A08.0), A05	007-007.3, 007.8-008.00***, 008.03-008.42***, 008.44***-008.6, 008.62-009, 005	
Typhoid and paratyphoid fevers	A01	002	B011
Lower respiratory infections	J09-J11, J13, J14, J12.1, J12 (except J12.1), J15-J22, J85, P23	487, 481, 482.2, 480.1, 466, 480.0-480.9(except 480.1), 482.0-4829(except 482.2), 483-486, 513, 770.0	B320-B322
Influenza	J09-J11	487	
Pneumococcal pneumonia	J13	481	
H influenza type B pneumonia	J14	482.2	
Respiratory syncytial virus pneumonia	J12.1	480.1	
Other lower respiratory infections	J12 (except J12.1), J15-J22, J85, P23	466, 480.0-480.9(except 480.1), 482.0-482.9(except 482.2), 483-486, 513, 770.0	
Upper respiratory infections	J00-J06	460-465, 476	B310-B312
Otitis media	H65-H68, H70	381-383	B240
Meningitis	G00.1, G00.0, A39, A87, G00.2-G03.9	320.1, 320.0, 036, 320.5, 047-049, 320.2-320.3, 320.7-320.9, 321-322	B036, B220
Pneumococcal meningitis	G00.1	320.1	
H influenza type B meningitis	G00.0	320	
Meningococcal infection	A39	036, 320.5	B036
Other meningitis	A87, G00.2-G03.9	047-049, 320.2-320.3, 320.7-320.9, 321-322	
Encephalitis	A83-A86, B94.1, G04	062-064, 139.0, 323.1, 323.3-323.4, 323.6-323.9	B045
Diphtheria	A36	032	B033
Whooping cough	A37	033	B034
Tetanus	A33-A35	037, 771.3	B037
Measles	B05	055	B037
Varicella	B01-B02, P35.8	052-053	B042

Web Table 3 - List of International Classification of Diseases codes mapped to the Global Burden of Disease cause list			
GBD Name	**ICD10 Code**	**ICD9 Code**	**ICD9 BTL Code**
Neglected tropical diseases and malaria	B50-B54, P37.3, P37.4, B57, B55, B56, B65, B69, B67, B74 (except B74.3, B74.4, B74.8, B74.9)B73, A71**, A74.0**, B94.0**A90-A91, A95, A82, B76, B66	084, 086.0, 086.2, 085, 086.3-086.5, 120,123.1, 122, 125.0-125.2, 125.3, 076**, 077.0**, 061, 060, 071, 126, 121	B052, B053, B072, B073, B074, B044, B047, B075
Malaria	B50-B54, P37.3, P37.4	084	B052
Chagas disease	B57	086.0, 086.2	
Leishmaniasis	B55	085	B053
African trypanosomiasis	B56	086.3-086.5	
Schistosomiasis	B65	120	B072
Cysticercosis	B69	123.1	
Echinococcosis	B67	122	B073
Lymphatic filariasis	B74 (except B74.3, B74.4, B74.8, B74.9)	125.0-125.2	B074
Onchocerciasis	B73	125.3	
Trachoma	A71**, A74.0**, B94.0**	076**, 077.0**	
Dengue	A90-A91	061	
Yellow fever	A95	060	B044
Rabies	A82	071	B047
Intestinal nematode infections	B77, B79, B76, B68, B70-B71, B78, B80-B81	127.0, 127.3, 126, 123, 123.0, 123.2-124, 127.1-127.2, 127.4-127.9, 128-129	B076, B075
Ascariasis	B77	127	
Trichuriasis	B79	127.3	
Hookworm disease	B76	126	B075,
Food-borne trematodiases	B66	121	
Other neglected tropical diseases	A68, A69.2, A75-A79, A92-A94, A96, A98, B58- B64, B72, B74.3-B7.9, B83, P37.1, B70-B71, B78, B80-B81	065-066, 080-083, 087-088, 125.4-125.7, 123, 123.0, 123.2-124, 127.1-127.2, 127.4-127.9, 128-129	B050-B051
Maternal disorders	O00-O99	630-677	B380-B399, B40-B41
Maternal hemorrhage	O20, O44-O46, O67, O72	640-641, 666	B390
Maternal sepsis	O85-O86	670-672	B394
Hypertensive disorders of pregnancy	O10-O16	642	B391
Obstructed labor	O64-O66	660	B393
Abortion	O00-O08	630-639	B380-B389
Other maternal disorders	O21-O43, O47-O63, O68-O71, O73-O84, O87-O92, O94-O99	643-659, 661-665, 667-669, 673-677	

Web Table 3 - List of International Classification of Diseases codes mapped to the Global Burden of Disease cause list			
GBD Name	**ICD10 Code**	**ICD9 Code**	**ICD9 BTL Code**
Neonatal disorders	P01.0, P01.1, P07, P22, P25-P28, P61.2, P77, P52, P00, P01.7-P01.9 , P02-P03 , P08.0-P08.2, P10-P15, P20-P21, P24, P70, P90-P91, P36, P38-P39, P01.2-P01.6, P04, P05, P29, P50-P74(except P61.2, P52, P70), P76, P78-P83, P92-P94, P96(except P96.9)	761.0-761.1, 765, 769, 770.2-770.9, 772.1, 774.2, 776.6, 777.5-777.6, 772.2, 760, 761.7-761.9, 762, 763, 766, 767, 768.4-768.9, 770.1, 775.0, 775.1, 775.6, 779.0-779.2, 771.4-771.8, 761.2-761.6, 764, 770.0, 771, 772.0, 772.3-772.9, 774.0, 774.1, 774.3-774.7, 775(except 775.0 ,775.1, 775.6), 776.0-776.5, 776.7-776.9, 777.0-777.4, 777.8-777.9, 778, 779.4-779.8	B45
Preterm birth complications	P01.0, P01.1, P07, P22, P25-P28, P61.2, P77, P52	761.0-761.1, 765, 769, 770.2-770.9, 772.1, 774.2, 776.6, 777.5-777.6 , 772.2	
Neonatal encephalopathy (birth asphyxia and birth trauma)	P00, P01.7-P01.9 P02-P03 , P08.0-P08.2, P10-P15, P20-P21, P24, P70, P90-P91	760, 761.7-761.9, 762, 763, 766, 767, 768.4-768.9, 770.1, 775.0, 775.1,775.6, 779.0-779.2	
Sepsis and other infectious disorders of the newborn baby	P36, P38-P39	771.4-771.8	
Other neonatal disorders	P01.2-P01.6, P04, P05, P29, P50-P74(except P61.2, P52, P70), P76, P78-P83, P92-P94, P96(except P96.9)	761.2-761.6, 764, 770.0, 771, 772.0, 772.3-772.9, 774.0, 774.1, 774.3-774.7, 775(except 775.0 ,775.1, 775.6), 776.0-776.5, 776.7-776.9, 777.0-777.4, 777.8-777.9, 778, 779.4-779.8	
Nutritional deficiencies	E40-E46, E64.0, E00-E02, E50, E64.1, D50, D64.9, D51-D53, E51-E63.9, E64.2-E64.3	260-263.9, 243, 244.2, 264-264.9, 280, 285.9, 265-269, 281	B190-B192, B200
Protein-energy malnutrition	E40-E46, E64.0	260-263.9	B190-B192
Iodine deficiency	E00-E02	243, 244.2	
Vitamin A deficiency	E50, E64.1	264-264.9	
Iron-deficiency anemia	D50, D64.9	280, 285.9	B200
Other nutritional deficiencies	D51-D53, E51-E63.9, E64.2-E64.3	265-269, 281	
Other communicable, maternal, neonatal and nutritional disorders	N70-N73.9, A50-A58, A59**, A60**, A63**B15, B16, B17.0, P35.3, P35.3, B17.1, B17.2A30, B92, A20-A28, A31-A32, A38, A42-A49 (except A48.0, A48.3, A49.9),A65-A70(except A68), A74 (except A74.0), A81, A88-A89, A99, B04, B25, B27-B49(except B35-B36), B58-B64, P35.1, P35.2, P35.8, P35.9, P37.2, P37.5-P37.9, B03, B26, B06, P35.0, A80, B91	090-097, 098, 099.1, 099.4-099.5, 099.0, 099.2-099.3, 99.8-99.9, 614-616.4, 070 (except 70.22, 70.23, 70.32, 70.33, 70.44, 70.49,70.54, 70.59)***, 030, 020-027, 031, 034-035, 039-041(except 040.0), 046, 051, 054, 057, 073-075, 077(except 077.0), 078.5-078.8, 100-104, 136.0-136.2, 136.9, 323.0, 730.9, 771.1-771.2, 050, 072, 056, 771.0, 045, 138, 323.2, 730.7	B060, B061, B069, B371 B372, B046, B032, B030 B031, B035, B039, B070, B041, B043, B040, B078
Sexually transmitted diseases excluding HIV	N70-N73.9, A50-A58, A59**, A60**, A63**	090-097, 098, 099.1, 099.4-099.5, 099.0, 099.2-099.3, 99.8-99.9, 614-616.4	B060, B061, B069, B371-B372
Syphilis	A50-A53	090-097	B060
Sexually transmitted chlamydial diseases	A55-A56		
Gonococcal infection	A54	098, 099.1, 099.4-099.5	B061
Trichomoniasis	A59**		

Web Table 3 - List of International Classification of Diseases codes mapped to the Global Burden of Disease cause list			
GBD Name	**ICD10 Code**	**ICD9 Code**	**ICD9 BTL Code**
Other sexually transmitted diseases	A57-A58, A60**, A63**	099.0, 099.2-099.3, 99.8-99.9	B069
Hepatitis	B15, B16, B17.0, P35.3, P35.3, B17.1, B17.2	070 (except 70.22, 70.23, 70.32, 70.33, 70.44, 70.49,70.54, 70.59)***	B046
Acute hepatitis A	B15	070.0-070.1	
Acute hepatitis B	B16, B17.0, P35.3	070.2-070.3 (except 70.22, 70.23, 70.32, 70.33)***	
Acute hepatitis C	B17.1	070.41***	
Acute hepatitis E	B17.2	070.43***	
Leprosy	A30, B92	030	B032
Other infectious diseases	A20-A28, A31-A32, A38, A42-A49 (except A48.0, A48.3, A49.9),A65-A70(except A68), A74 (except A74.0), A81, A88-A89, A99, B04, B25, B27-B49(except B35-B36), B58-B64, P35.1, P35.2, P35.8, P35.9, P37.2, P37.5-P37.9, B03, B26, B06, P35.0, A80, B91	020-027, 031, 034-035, 039-041(except 040.0), 046, 051, 054, 057, 073-075, 077(except 077.0) 078.5-078.8, 100-104, 136.0-136.2, 136.9, 323.0, 730.9, 771.1-771.2, 050, 072, 056, 771.0, 045, 138, 323.2, 730.7	B030-B031, B035, B039, B070, B041, B043, B040, B078

Web Table 3 - List of International Classification of Diseases codes mapped to the Global Burden of Disease cause list

GBD Name	ICD10 Code	ICD9 Code	ICD9 BTL Code
Non-communicable diseases	C15-C159, D00.1*C16, D00,2*, D37.1*, C22, D01.5*, D37.6*C32, D02.0*, D38.0*, C33-C34 , D02.1-D02.2*, D38.1*C50, D0.5-D05.9*, D48.6*C53, D06*C54, D07.0, D39.0*C61, D07.5*, D40.0*C18-C21, D01.0-D01.3*, D37.3-D37.5*C00-C08, C11, C09-C10, C12-C13, C23, C24, C25, C43, D03*, D48.5*C44, D04*C56, D39.1*C62, D40.1*C64-C66, D41.0-D41.2*C67, D09.0*, D41.4*C70-C72, D42-D43.9*, D44.3-D44.5*C73, D44.0*C81, C82-C85, C96, C88-C90, C91-C95, C17, C30-C31, C37-C41, C45, C47-C49, C51-C52, C57-C60(except C57.9), C63(except C63.9), C68-C69, C74-C75 (except C75.9), C77-C79, C97, D01.4*, D07.1-D07.4*, D09.1-D09.3*, D37.2*, D37.7*, D38.2-D38.5*, D39.2-D39.7*, D40.7*, D41.7*, D44.1-D44.2*, D44.6-D44.9*, D48.0-D48.4*, D48.7*, D00-D24, D26-D44.2, D44.6-D48.9**I01, I02.0, I05-I09, I20-I25, I60-I63 I65-I67, I69.0, I69.1, I69.2, I69.3, I11, I42, I40, I48, I71, I73, I70.2, I33, I00, I02.9, I27-I28 (except I27.1), I30-I32(except I31.2, I31.3), I34-I39, I47, I70.8, I72, I77-I80, I82-I84, I86-I98, G45, J40-J44, J47, J60-J65, J45-J46, D86.0, D86.2, D86.9, J84, J30-J39, J66-J70(except J69), J82, J92, J93.0, J93.1, J95, J98 (except J98.1, J98.2, J98.3, J98.9)B18, I85, K70, K71.7, K72.1-K72.9, K73-K74, K75.2-K75.9, K76.6-K76.7, K76.9, B18, I85, K70, K71.7, K72.1-K72.9, K73-K74, K75.2-K75.9, K76.6-K76.7, K76.9, K25-K27, K29, K35-K37, K56, K40-K41, K50-K52, K55, K80-K83, K85-K86.9, K00-K01**, K03-K04**, K06-K11**, K12-K13, K14**, K20-K22, K28, K30-K31, K38, K57-K63, K66.8, K760-K765, K768, K77, K90-K92 (except K92.0, K92.1, K92.2, K92.9), F00-F03, G30-G31, G20-G21, G40-G41, G35, G43**, G44**, G06-G08, G10-G12, G23-G25, G36-G37, G47-G58**, G60-G72, G90-G91 (except G91.1, G91.3, G91.8), G93-G98 (except G93.1, G93.2, G93.3, G93.4, G93.5, G93.6), F20-F29, F10, X45, F11, F14, F15, F12, F13, F16, F18-F19, F32**-F33**, F34.1**F30**-F31**F40**-F42**, F43**-F44**F50, F90**, F91**-F92**, F70**-F79**, F70**-F79**, F04-F09, F17, F34-F39 (except F34.1), F45-F48**, F51-F53**, F54-F59, F60-F69**, F80-F84** (except F84.0, F84.5, F84.9), F93-F98**, F88-F89**E10- E13 (except E10.2, E11.2, E12.2, E13.2), N00-N01, E10.2, E11.2, E12.2, E13.2, I12.0, I12.9, I13.1, I13.2, I13.9, N02- N07, N15.0, N10-N12, N15.1-N15.9, N30, N34, N39.0, N20- N23, N40**, N46**, N13, N24-N28, N31-N32, N35-N36, N39.1-N39.9, N41-N45, N47-N50, D25, E28.2, N97**, N80, N81, N94.3, D55-D59, D66-D89 (except D84.9, D86.0, D86.2, D86.9), E03-E07, E15-E34, E65-E67, E70-E85	150, 2301*, 151, 230.2*, 235.2*, 155, 235.3*, 161, 231.0*,235.6*162-1629, 231.1*, 231.2*, 231.8*, 235.7*174-175, 233,0*, 238.3*, 239.3*180, 233.1*182, 185, 233.4*, 236.5* 153-154, 230.3-230.6*, 140-145*, 235.0-2351*, 147, 146, 148, 156, 157, 172, 173, 232*, 238.2*, 183.0, 236.2*, 186, 236.4*, 189.0-189.2, 188, 233.7*, 236.7*, 239.4*, 191-192, 237.0-237.1*, 237.5-237.9*, 239.6*, 193, 201, 200, 202, 203, 204-208, 152, 158, 160, 163-164 ,170-171, 181, 183.2-184.8, 187.0-187.8, 189.3-189.8, 190-190.9, 194, 196-198 , 230.7*, 233.5*, 234.0*,234.8*, 235.8*, 236.1*, 237.2-237.4*, 238.0-238.1*, 210-217, 219-231, 236, 238.4-239.2**, 390-391, 392.0, 393-398, 410-414, 430-432, 437.2, 433-435, 437.0-437.1, 437.5-437.8, 402, 422, 425, 427.3, 441, 443, 421, 392, 392.9, 416, 416.0, 416.8-417, 420, 423, 423.1-424.9, 427-427.2, 427.6-427.9, 442, 446-451, 453-455, 456.3-459.9, 435, 437.6, 437.7490-492.8, 494, 496, 500-506, 493, 135, 515-516, 470-475, 477-478, 495, 506, 508, 517-519, 70.22-70.23, 070.32-070.33, 070.44-070.49, 070.54-070.59, 456.0-456.2, 571, 572.3-572.8, 573.9070.22-070.23, 070.32-070.33, 070.44-070.49, 070.54-070.59, 456.0-456.2, 571, 572.3-572.8, 573.9, 531-533, 535-535.6, 540-542, 560, 550-551.03, 552-552.03, 553-553.03, 553.9, 555-556, 558-558.9, 557, 574-576, 577-577, 520, 524-527**, 528, 529**, 530, 534, 536-537, 543, 551.1-551.9, 552.1-552.9, 553.1-553.8, 562-566, 569-570, 573-573.2, 579-579.9, 290, 330-331, 332, 345, 340 ,346**, 307.81**, 324-326, 333-337, 341, 357-348**, 349.0-349.8, 350-359, 295, 291, 303, 305.0, E860.0-E860.1, 304.0, 305.5, 304.2, 305.6, 304.4, 305.7, 304.3, 305.2, 292, 304.1, 304.5-304.9, 305.1, 305.3-305.4, 305.8-305.9, 296.2**-296.3**, 300.4**, 311**, 296.0**-296.1**, 296.4**-296.9**, 300.0**, 300.2**-300.3**, 308**, 307.1, 307.5, 314.0**, 317**-319**, 317**-319**, 293-294, 297-298**, 299.1-299.9**, 300.1**, 300.5-300.9**, 301.0-301.1**, 301.3-301.9**, 302**, 306**, 307.0** , 307.2-307.4**, 307.6-307.9**, 309-310**, 312-313**, 314.1-316**, 250.0-250.3, 250.5-250.9, 580, 250.4, 403-404, 581-583, 589, 590, 595, 596.9, 597, 599.0, 599.9, 592, 594, 788.0, 600**, 606**, 591, 593, 596, 598, 599.1-599.8, 601-605, 607, 608 218, 256.4, 628**, 617, 618, 625.4, 282.0-282.1, 282.7-285.8, 282.2-282.3, 282.5-282.6, 282.4, 240-242.9, 244(except 244.2), 245-246, 251-259(except 256.4), 270-273, 275, 277-278, 286-289.9(except 286.6), 740-741, 742.2-742.9, 745-747, 749, 758.0, 758.1-758.9, 742.0-742.1, 743-744, 748, 750-753, 756-757, 759(except759.9), 690-692**, 696**, 681, 682, 680, 683, 684, 686, 707.1, 707.8, 707.9, 133.0**, 110**, 111**, 78**, 706.0**, 706.1**, 704.0**, 698**, 708**, 707, 685, 693, 694, 695, 697, 700**, 701**, 702-706**, 709**, 714, 715**, 722**, 724**, 274**, 710-711, 712-713**, 716, 717-719**, 720-721, 723**, 725-729**, 730.3,730.9, 731-733, 734-736**, 737, 738-739**, 365**, 366**, 362.5**, 367-368**, 378**, 385**, 387**, 389**, 361-362.5**, 362.6-364**, 369**, 360**, 370-377**, 379-380**, 384**, 386, 388**, 521-522**, 523**, 798.0	B090, B091, B095, B100, B101, B113, B120, B124, B093-B094, B096, B111, B112, B123, B125, B126, B130, B155, B140, B149, B141, B092, B109-B110, B119, B121, B156*, B25, B27, B292, B294, B290-B291, B260, B347, B347, B341, B342, B344, B343, B348, B210, B222, B221, B225, B223, B211, B215, B213B18.1, B35.1, B35.3, B35.2, B60, B35.9, B376, B37.4, B440- B444, B446-B449, B430, B433, B230**, B231**

Web Table 3 - List of International Classification of Diseases codes mapped to the Global Burden of Disease cause list			
GBD Name	**ICD10 Code**	**ICD9 Code**	**ICD9 BTL Code**
	(except E85.3, E85.4, E85.8, E85.9), E88 (except E88.9), E89-E96, D60-D64(except D64.9), Q00, Q03, Q05, Q20-Q28, Q35-Q37, Q90, Q91-Q99 (except Q99.9), Q01-Q02, Q04, Q06-Q18, Q30-Q34, Q38-Q45, Q50-Q89 (except Q89.9)L20**-L28**, L40**-L41**, L03.0, L03.1**, L03.2-L03.9, L00,L01, L02, L04**, L08, L88,L97, L98.0-L98.4**, B66, B35**, B36.0**, B36.1**, B36.2**, B36.3**, B36.8**, B36.9** B00, B07**-B09**L70**L63.0**, L63.1**, L63.8**, L63.9**, L29**, L50**L89, B85**, B87**,B88**, L05.0, L05.9, L10-L13, L28**, L30**, L42**-L44**, L51, L52**-L53**, L55**-L60**, L64**-L68**, L71**-L75**, L80**-L85**, L87, L90**-L92**, L93, L94-L95, M05-M06, M15-M19**, M46.9, M47** , M48.0-M48.2**, M48.8**-M48.9**, M50-M54**, M10**, M00-M02, M08, M11** ,M12-M13, M20-M25**,M30-M35,M40**, M41-M46 (except M46.9), M48** (except M48.0, M48.1, M48.2, M48.8, M48.9), M60**,M61-M62, M65-M71**, M72, M75-M79**,M80-M85, M87-M94 , M95-M99**, H40**, H25-H26**, H35.3**, H49-H52**, H90-H91**,H30-H35** (except H35.3), H53-H54**, H00-H21**, H27*, H43-H47**, H55- H61**, H68-H69** , H71-H83**, H92- H93**, K02**, K05**, R95		
Neoplasms	C15-C159, D00.1*C16, D00,2*, D37.1*, C22, D01.5*, D37.6*C32, D02.0*, D38.0*, C33-C34 , D02.1-D02.2*, D38.1*C50, D0.5-D05.9*, D48.6*C53, D06*C54, D07.0, D39.0*C61, D07.5*, D40.0*C18-C21, D01.0-D01.3*, D37.3-D37.5*C00-C08, C11, C09-C10, C12-C13, C23, C24, C25, C43, D03*, D48.5*C44, D04*C56, D39.1*C62, D40.1*C64-C66, D41.0-D41.2*C67, D09.0*, D41.4*C70-C72, D42-D43.9*, D44.3-D44.5*C73, D44.0*C81, C82-C85, C96, C88-C90, C91-C95, C17, C30-C31, C37-C41, C45, C47-C49, C51-C52, C57-C60(except C57.9), C63(except C63.9), C68-C69, C74-C75 (except C75.9), C77-C79, C97, D01.4*, D07.1-D07.4*, D09.1-D09.3*, D37.2*, D37.7*, D38.2-D38.5*, D39.2-D39.7*, D40.7*, D41.7*, D44.1-D44.2*, D44.6-D44.9*, D48.0-D48.4*, D48.7*, D00-D24, D26-D44.2, D44.6-D48.9**	150, 2301*, 151, 0230.2* , 235.2*, 155, 235.3*, 161, 2310* ,235.6*, 162-162.9, 231.1*, 231.2*, 231.8*, 235.7*, 174-175, 233.0*, 238.3*, 239.3*, 180, 233.1*, 182, 185, 233.4*, 236.5* 153-154, 230.3-230.6*, 140-145*, 235.0-2351*, 147, 146, 148, 156, 157, 172, 173, 232*, 238.2*, 183.0, 236.2*, 186, 236.4*, 189.0-189.2, 188, 233.7*, 236.7*, 239.4*, 191-192, 237.0-237.1*, 237.5-237.9*, 239.6*, 193, 201, 200, 202, 203, 204-208, 152, 158, 160, 163-164 ,170-171, 181, 183.2-184.8, 187.0-187.8, 189.3-189.8, 190-190.9, 194, 196-198 , 230.7*, 233.5*, 234.0*,234.8*, 235.8*, 236.1*, 237.2-237.4*, 238.0-238.1*, 210-217, 219-231, 236, 238.4-239.2**	B090, B091, B095, B100, B101, B113, B120, B124, B093-B094, B096, B111, B112, B123, B125, B126, B130, B155, B140, B149, B141, B092, B109-B110, B119, B121, B156*
Esophageal cancer	C15-C159, D00.1*	150, 230.1*	B090
Stomach cancer	C16, D00,2*, D37.1*	151, 0230.2* 235.2*	B091
Liver cancer	C22, D01.5*, D37.6*	155, 235.3*	B095

Web Table 3 - List of International Classification of Diseases codes mapped to the Global Burden of Disease cause list			
GBD Name	**ICD10 Code**	**ICD9 Code**	**ICD9 BTL Code**
Liver cancer secondary to hepatitis B			
Liver cancer secondary to hepatitis C			
Liver cancer secondary to alcohol use			
Other liver cancer			
Larynx cancer	C32, D02.0*, D38.0*	161, 231.0* ,235.6*	B100
Trachea, bronchus and lung cancers	C33-C34 , D02.1-D02.2*, D38.1*	162-162.9, 231.1*, 231.2*, 231.8*, 235.7*	B101
Breast cancer	C50, D0.5-D05.9*, D48.6*	174-175, 233,0*, 238.3*, 239.3*	B113
Cervical cancer	C53, D06*	180, 233.1*	B120
Uterine cancer	C54, D07.0, D39.0*	182	
Prostate cancer	C61, D07.5*, D40.0*	185, 233.4*, 236.5*	B124
Colon and rectum cancers	C18-C21, D01.0-D01.3*, D37.3-D37.5*	153-154, 230.3-230.6*	B093-B094
Mouth cancer	C00-C08	140-145*, 235.0-235,1*	
Nasopharynx cancer	C11	147	
Cancer of other part of pharynx and oropharynx	C09-C10, C12-C13	146, 148	
Gallbladder and biliary tract cancer	C23, C24	156	
Pancreatic cancer	C25	157	B096
Malignant melanoma of skin	C43, D03*, D48.5*	172	B111
Non-melanoma skin cancer	C44, D04*	173, 232*, 238.2*	B112
Ovarian cancer	C56, D39.1*	183.0, 236.2*	B123
Testicular cancer	C62, D40.1*	186, 236.4*	B125
Kidney and other urinary organ cancers	C64-C66, D41.0-D41.2*	189.0-189.2	
Bladder cancer	C67, D09.0*, D41.4*	188, 233.7*, 236.7*, 239.4*	B126
Brain and nervous system cancers	C70-C72, D42-D43.9*, D44.3-D44.5*	191-192, 237.0-237.1*, 237.5-237.9*, 239.6*	B130, B155
Thyroid cancer	C73, D44.0*	193	
Hodgkin's disease	C81	201	B140
Non-Hodgkin's lymphoma	C82-C85, C96	200, 202	B149
Multiple myeloma	C88-C90	203	
Leukemia	C91-C95	204-208	B141

Web Table 3 - List of International Classification of Diseases codes mapped to the Global Burden of Disease cause list			
GBD Name	**ICD10 Code**	**ICD9 Code**	**ICD9 BTL Code**
Other neoplasms	C17, C30-C31, C37-C41, C45, C47-C49, C51-C52, C57-C60(except C57.9), C63(except C63.9), C68-C69, C74-C75 (except C75.9), C77-C79, C97, D01.4*, D07.1-D07.4*, D09.1-D09.3*, D37.2*, D37.7*, D38.2-D38.5*, D39.2-D39.7*, D40.7*, D41.7*, D44.1-D44.2*, D44.6-D44.9*, D48.0-D48.4*, D48.7*, D00-D24, D26-D44.2, D44.6-D48.9**	152, 158, 160, 163-164 ,170-171, 181, 183.2-184.8, 187.0-187.8, 189.3-189.8, 190-190.9, 194, 196-198, 230.7*, 233.5*, 234.0*,234.8*, 235.8*, 236.1*, 237.2-237.4*, 238.0-238.1*210-217, 219-231, 236, 238.4-239.2**	B092, B109-B110, B119, B121, B156*
Cardiovascular and circulatory diseases	I01, I02.0, I05-I09, I20-I25, I60-I63 I65-I67, I69.0, I69.1, I69.2, I69.3, I11, I42, I40, I48, I71, I73, I70.2, I33, I00, I02.9, I27-I28 (except I27.1), I30-I32(except I31.2, I31.3), I34-I39, I47, I70.8, I72, I77-I80, I82-I84, I86-I98, G45	390-391, 392.0, 393-398, 410-414, 430-432, 437.2, 433-435, 437.0-437.1, 437.5-437.8, 402, 422, 425, 427.3, 441, 443, 421, 392, 392.9, 416, 416.0, 416.8-417, 420, 423, 423.1-424.9, 427-427.2, 427.6-427.9, 442, 446-451, 453-455, 456.3-459.9, 435, 437.6, 437.7	B25, B27, B292, B294, B290-B291, B260
Rheumatic heart disease	I01, I02.0, I05-I09	390-391, 392.0, 393-398	B25
Ischemic heart disease	I20-I25	410-414	B27
Cerebrovascular disease	I60-I63 I65-I67, I69.0, I69.1, I69.2, I69.3	430-432, 437.2, 433-435, 437.0-437.1, 437.5-437.8	B292, B294, B290-B291
Ischemic stroke	I63, I65-I67(except I67.4), I69.3	433-434, 437.0-437.2, 437.5, 437.8	B292, B294
Hemorrhagic and other non-ischemic stroke	I60-I62, I69.0-I69.2, I67.4	430-432, 437.2	B290-B291
Hypertensive heart disease	I11	402	B260
Cardiomyopathy and myocarditis	I42, I40	422, 425	
Atrial fibrillation and flutter	I48	427.3	
Aortic aneurysm	I71	441	
Peripheral vascular disease	I73, I70.2	443	
Endocarditis	I33	421	
Other cardiovascular and circulatory diseases	I00,I02.9,I27-I28 (except I27.1),I30-I32(except I31.2, I31.3), I34-I39, I47, I70.8, I72, I77-I80, I82-I84, I86-I98, G45	392, 392.9, 416, 416.0, 416.8-417, 420, 423, 423.1-424.9, 427-427.2, 427.6-427.9, 442, 446-451, 453-455, 456.3-459.9, 435, 437.6, 437.7	
Chronic respiratory diseases	J40-J44, J47J, 60-J65, J45-J46, D86.0, D86.2, D86.9, J84J30-J39, J66-J70(except J69), J82, J92, J93.0, J93.1, J95, J98 (except J98.1, J98.2, J98.3, J98.9), B18, I85, K70, K71.7, K72.1-K72.9, K73-K74, K75.2-K75.9, K76.6-K76.7, K76.9	490-492.8, 494, 496, 500-506, 493, 135, 515-516, 470-475, 477-478, 495, 506, 508, 517-519, 070.22-070.23, 070.32-070.33, 070.44-070.49, 070.54-070.59, 456.0-456.2, 571, 572.3-572.8, 573.9	B347
Chronic obstructive pulmonary disease	J40-J44, J47	490-492.8, 494, 496	
Pneumoconiosis	J60-J65	500-506	
Asthma	J45-J46	493	

Web Table 3 - List of International Classification of Diseases codes mapped to the Global Burden of Disease cause list			
GBD Name	**ICD10 Code**	**ICD9 Code**	**ICD9 BTL Code**
Interstitial lung disease and pulmonary sarcoidosis	D86.0, D86.2, D86.9, J84	135, 515-516	
Other chronic respiratory diseases	J30-J39, J66-J70(except J69), J82, J92, J93.0, J93.1, J95, J98 (except J98.1, J98.2, J98.3, J98.9)	470-475, 477-478, 495, 506, 508, 517-519	
Cirrhosis of the liver	B18, I85, K70, K71.7, K72.1-K72.9, K73-K74, K75.2-K75.9, K76.6-K76.7, K76.9	070.22-070.23, 070.32-070.33, 070.44-070.49, 070.54-070.59, 456.0-456.2, 571, 572.3-572.8, 573.9	B347
Cirrhosis of the liver secondary to hepatitis B			
Cirrhosis of the liver secondary to hepatitis C			
Cirrhosis of the liver secondary to alcohol use			
Other cirrhosis of the liver			
Digestive diseases (except cirrhosis)	K25-K27, K29, K35-K37, K56, K40-K41, K50-K52, K55, K80-K83, K85-K86.9, K00-K01**, K03-K04**, K06-K11**, K12-K13, K14**, K20-K22, K28, K30-K31, K38, K57-K63, K66.8, K760-K765, K768, K77, K90-K92 (except K92.0, K92.1, K92.2, K92.9)	531-533, 535-535.6, 540-542, 560, 550-551.03, 552-552.03, 553-553.03, 553.9, 555-556, 558-558.9, 557, 574-576, 577-577, 520, 524-527**, 528, 529**, 530, 534 , 536-537, 543, 551.1-551.9, 552.1-552.9, 553.1-553.8, 562-566, 569-570, 573-573.2, 579-579.9	B341, B342, B344, B343, B348
Peptic ulcer disease	K25-K27	531-533	B341
Gastritis and duodenitis	K29	535-535.6	
Appendicitis	K35-K37	540-542	B342
Paralytic ileus and intestinal obstruction without hernia	K56	560	B344
Inguinal or femoral hernia	K40-K41	550-551.03, 552-552.03, 553-553.03, 553.9	B343
Noninfective inflammatory bowel disease	K50-K52	555-556, 558-558.9	
Vascular disorders of intestine	K55	557	
Gall bladder and bile duct disease	K80-K83	574-576	B348
Pancreatitis	K85-K86.9	577-577	
Other digestive diseases	K00-K01**, K03-K04**, K06-K11**, K12-K13, K14**, K20-K22, K28, K30-K31, K38, K57-K63, K66.8, K760-K765, K768, K77, K90-K92 (except K92.0, K92.1, K92.2, K92.9)	520, 524-527**, 528, 529**, 530, 534 , 536-537, 543, 551.1-551.9, 552.1-552.9, 553.1-553.8, 562-566, 569-570, 573-573.2, 579-579.9	

Web Table 3 - List of International Classification of Diseases codes mapped to the Global Burden of Disease cause list			
GBD Name	**ICD10 Code**	**ICD9 Code**	**ICD9 BTL Code**
Neurological disorders	F00-F03, G30-G31, G20-G21, G40-G41, G35, G43**, G44**, G06-G08, G10-G12, G23-G25, G36-G37, G47- G58**, G60-G72, G90-G91 (except G91.1, G91.3, G91.8), G93-G98 (except G93.1, G93.2, G93.3, G93.4, G93.5, G93.6)	290, 330-331, 332, 345, 340 ,346**, 307.81**, 324-326, 333-337, 341, 357-348**, 349.0-349.8, 350-359	B210, B222, B221, B225, B223
Alzheimer's disease and other dementias	F00-F03, G30-G31	290, 330-331	B210, B222
Parkinson's disease	G20-G21	332	B221
Epilepsy	G40-G41	345	B225
Multiple sclerosis	G35	340	B223
Migraine	G43**	346**	
Tension-type headache	G44**	307.81**	
Other neurological disorders	G06-G08, G10-G12, G23-G25, G36-G37, G47-G58**, G60-G72, G90-G91 (except G91.1, G91.3, G91.8), G93-G98 (except G93.1, G93.2, G93.3, G93.4, G93.5, G93.6)	324-326, 333-337, 341, 357-348**, 349.0-349.8, 350-359	
Mental and behavioral disorders	F20-F29, F10, X45, Q86.0, F11, F14, F15, F12, F13, F16, F18-F19, X41, X42,X49, F32**-F33**, F34.1**F30**-F31**, F40**-F42**, F43**-F44**F50, F90**, F91**-F92**, F70**-F79**, F70**-F79**, F04-F09, F17, F34-F39 (except F34.1), F45-F48**, F51-F53**, F54-F59, F60-F69**, F80- F84** (except F84.0, F84.5, F84.9), F93-F98**, F88-F89**	295, 291, 303, 305.0, E860.0-E860.1, E850.0-E850.2, E850.9, E851.0, E852.0-E852.5, E852.8-E852.9, E853.0-E853.2, E853.8-E853.9, E854.0-E853.3, 304.0, 305.5, 304.2, 305.6, 304.4, 305.7, 304.3, 305.2, 292, 304.1, 304.5-304.9, 305.1, 305.3-305.4, 305.8-305.9, 296.2**-296.3**, 300.4**, 311**, 296.0**-296.1**, 296.4**-296.9**300.0**, 300.2**-300.3**, 308**, 307.1, 307.5, 314.0**, 317**-319**317**-319**, 293-294, 297-298**, 299.1-299.9**, 300.1**, 300.5-300.9**, 301.0-301.1**, 301.3-301.9**, 302**, 306**, 307.0** , 307.2-307.4**, 307.6-307.9**, 309-310**, 312-313**, 314.1-316**	B211, B215, B213
Schizophrenia	F20-F29	295	B211
Alcohol use disorders	F10, X45, Q86.0	291, 303, 305.0, E860.0-E860.1	B215
Drug use disorders	F11, F14, F15, F12, F13, F16, F18-F19, X41, X42, X49	304.0, 305.5, 304.2, 305.6, 304.4, 305.7, 304.3, 305.2, 292, 304.1, 304.5-304.9, 305.1, 305.3-305.4, 305.8-305.9, E850.0-E850.2, E850.9, E851.0, E852.0-E852.5, E852.8-E852.9, E853.0-E853.2, E853.8-E853.9, E854.0-E853.3	
Opioid use disorders	F11	304.0, 305.5	
Cocaine use disorders	F14	304.2, 305.6	
Amphetamine use disorders	F15	304.4, 305.7	
Cannabis use disorders	F12	304.3, 305.2	
Other drug use disorders	F13, F16, F18-F19	292, 304.1, 304.5-304.9, 305.1, 305.3-305.4, 305.8-305.9	
Unipolar depressive disorders	F32**-F33**, F34.1**	296.2**-296.3**, 300.4**, 311**	
Major depressive disorder	F32**-F33**	296.2**-296.3**, 300.4**, 311**	

Web Table 3 - List of International Classification of Diseases codes mapped to the Global Burden of Disease cause list			
GBD Name	**ICD10 Code**	**ICD9 Code**	**ICD9 BTL Code**
Dysthymia	F34.1**		
Bipolar affective disorder	F30**-F31**	296.0**-296.1**, 296.4**-296.9**	
Anxiety disorders	F40**-F42**, F43**-F44**	300.0**, 300.2**-300.3**, 308**	
Eating disorders	F50	307.1, 307.5	
Pervasive development disorders	F84.0**, F84.5**		
Autism	F84.0**		
Asperger's syndrome	F84.5**		
Childhood behavioral disorders	F90**, F91**-F92**, F70**-F79**	314.0**, 317**-319**	
Attention-deficit hyperactivity disorder	F90**	314.0**	
Conduct disorder	F91**-F92**		
Idiopathic intellectual disability	F70**-F79**	317**, -319**	
Other mental and behavioral disorders	F04-F09, F17, F34-F39 (except F34.1), F45-F48**, F51-F53**, F54-F59, F60-F69**, F80-F84** (except F84.0, F84.5, F84.9), F93-F98**, F88-F89**	293-294, 297-298**, 299.1-299.9**, 300.1**, 300.5-300.9**, 301.0-301.1**, 301.3-301.9**, 302**, 306**, 307.0**, 307.2-307.4**, 307.6-307.9**, 309-310**, 312-313**, 314.1-316**	B213
Diabetes, urogenital, blood, and endocrine diseases	E10-E13 (except E10.2, E11.2, E12.2, E13.2), N00-N01, E10.2, E11.2, E12.2, E13.2, I12.0, I12.9, I13.1, I13.2, I13.9, N02-N07, N15.0, N10-N12, N15.1-N15.9, N30, N34, N39.0, N20-N23, N40**, N46**, N13, N24-N28, N31-N32, N35-N36, N39.1-N39.9, N41-N45, N47-N50, D25, E28.2, N97**, N80, N81, N94.3, D55-D59, D66-D89 (except D84.9, D86.0, D86.2, D86.9), E03-E07, E15-E34, E65-E67, E70-E85 (except E85.3, E85.4, E85.8, E85.9), E88 (except E88.9), E89-E96, D60-D64(except D64.9)	250.0-250.3, 250.5-250.9, 580, 250.4, 403-404, 581-583, 589, 590, 595, 596.9, 597, 599.0, 599.9, 592, 594, 788.0, 600**, 606**, 591, 593, 596, 598, 599.1-599.8, 601-605, 607, 608 218, 256.4, 628**617, 618, 625.4, 282.0-282.1, 282.7-285.8, 282.2-282.3, 282.5-282.6, 282.4, 240-242.9, 244(except 244.2), 245-246, 251-259(except 256.4), 270-273, 275, 277-278, 286-289.9(except 286.6)	B18.1, B35.1, B35.3, B35.2, B60, B35.9, B376, B37.4
Diabetes mellitus	E10-E13 (except E10.2, E11.2, E12.2, E13.2)	250.0-250.3, 250.5-250.9	B18.1
Acute glomerulonephritis	N00-N01	580	
Chronic kidney diseases	E10.2, E11.2, E12.2, E13.2, I12.0, I12.9, I13.1, I13.2, I13.9, N02-N07, N15.0	250.4, 403-404, 581-583, 589	
Chronic kidney disease due to diabetes mellitus	E10.2, E11.2, E12.2, E13.2, E14.2	250.4	
Chronic kidney disease due to hypertension	I12.0, I12.9, I13.0, I13.1, I13.2, I13.9	403-404	
Chronic kidney disease unspecified	N02-N07, N15.0	581-583, 589	
Urinary diseases and male infertility	N10-N12, N15.1-N15.9, N30, N34, N39.0N20-N23, N40**, N46**, N13, N24-N28, N31-N32, N35-N36, N39.1-N39.9, N41-N45, N47-N50	590, 595, 596.9, 597, 599.0, 599.9, 592, 594, 788.0, 600**, 606**, 591, 593, 596, 598, 599.1-599.8, 601-605, 607, 608	B35.1, B35.3, B35.2, B60, B35.9

Web Table 3 - List of International Classification of Diseases codes mapped to the Global Burden of Disease cause list			
GBD Name	**ICD10 Code**	**ICD9 Code**	**ICD9 BTL Code**
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	N10-N12, N15.1-N15.9, N30, N34, N39.0	590, 595, 596.9, 597, 599.0, 599.9	B35.1, B35.3
Urolithiasis	N20-N23	592, 594, 788.0	B35.2
Benign prostatic hyperplasia	N40**	600**	B60
Male infertility	N46**	606**	
Other urinary diseases	N13, N24-N28, N31-N32, N35-N36, N39.1-N39.9, N41-N45, N47-N50	591, 593, 596, 598, 599.1-599.8, 601-605, 607, 608	B35.9
Gynecological diseases	D25, E28.2, N97**, N80, N81, N94.3	218, 256.4, 628**, 617, 618, 625.4	B376, B37.4
Uterine fibroids	D25	218	
Polycystic ovarian syndrome	E28.2	256.4	
Female infertility	N97**	628**	B376
Endometriosis	N80	617	
Genital prolapse	N81	618	B37.4
Premenstrual syndrome	N94.3	625.4	
Other gynecological diseases	N60**, N61-N64, N75-N76, N82-N83, N84**-N92 , N93-N94(Except N94.3), N98, N46**	610**, 611, 616.5-616.9, 619-624, 625.0-625.3**, 625.5-625.9** 626-627**, 629	
Hemoglobinopathies and hemolytic anemias	D55-D59	282.0-282.1, 282.7-285.8, 282.2-282.3, 282.5-282.6, 282.4	
Thalassemias	D56	282.4	
Sickle cell disorders	D57	282.5-282.6	
G6PD deficiency	D55	282.2-282.3	
Other hemoglobinopathies and hemolytic anemias	D58-D64.8	282.0-282.1, 282.7-285.8	
Other endocrine, nutritional, blood, and immune disorders	D66-D89 (except D84.9, D86.0, D86.2, D86.9), E03-E07, E15-E34, E65-E67, E70-E85 (except E85.3, E85.4, E85.8, E85.9), E88 (except E88.9), E89-E96, D60-D64(except D64.9)	240-242.9, 244(except 244.2), 245-246, 251-259(except 256.4), 270-273, 275, 277-278, 286-289.9(except 286.6)	
Musculoskeletal disorders	M05-M06, M15-M19**, M46.9, M47**, M48.0-M48.2**, M48.8**-M48.9**, M50-M54**, M10**, M00-M02, M08, M11**, M12-M13, M20-M25**, M30-M35,M40**, M41-M46 (except M46.9), M48** (except M48.0, M48.1, M48.2, M48.8, M48.9), M60**,M61-M62, M65-M71**, M72, M75-M79**, M80-M85, M87-M94 , M95-M99**	714, 715**, 722**, 724**, 274**,710-711, 712-713**,716, 717-719**, 720-721, 723**, 725-729**, 730.3,730.9, 731-733, 734-736**, 737, 738-739**	B430, B433
Rheumatoid arthritis	M05-M06	714	B430
Osteoarthritis	M15-M19**	715**	

Web Table 3 - List of International Classification of Diseases codes mapped to the Global Burden of Disease cause list			
GBD Name	**ICD10 Code**	**ICD9 Code**	**ICD9 BTL Code**
Low back and neck pain	M46.9, M47** , M48.0-M48.2**, M48.8**-M48.9**, M50-M54**	722**-724**	
Low back pain	M46.9, M47**, M48.0-M48.2**,M48.8**-M48.9**, M51-M54**(except M53.1** ,M53.2**)	722**, 724**	
Neck pain	M50**, M53.1** ,M53.2**	723**,	
Gout	M10**	274**	
Other musculoskeletal disorders	M00-M02, M08, M11** ,M12-M13, M20-M25**,M30-M35,M40**, M41-M46 (except M46.9), M48** (except M48.0, M48.1, M48.2, M48.8, M48.9), M60**, M61-M62, M65-M71**, M72, M75-M79**, M80-M85, M87-M94, M95-M99**	710-711, 712-713**,716, 717-719**, 720-721, 725-729**, 730.3, 730.9, 731-733, 734-736**, 737, 738-739**	B433
Other non-communicable diseases	Q00, Q03, Q05, Q20-Q28, Q35-Q37, Q90, Q91-Q99 (except Q99.9), Q01-Q02, Q04, Q06-Q18, Q30-Q34, Q38-Q45, Q50-Q89 (except Q89.9)L20**-L28**, L40**-L41**, L03.0, L03.1**, L03.2-L03.9, L00, L01, L02, L04**, L08, L88,L97, L98.0-L98.4**, B66, B35**, B36.0**, B36.1**, B36.2**, B36.3**, B36.8**, B36.9** B00, B07**- B09**, L70**, L63.0**, L63.1**, L63.8**, L63.9**, L29**, L50**, L89, B85**, B87**, B88**, L05.0, L05.9, L10-L13, L28**, L30**, L42**-L44**, L51, L52**-L53**, L55**- L60**, L64**-L68**, L71**-L75**, L80**-L85**, L87, L90**-L92**, L93, L94-L95, H40**, H25- H26**,H35.3**,H49-H52**, H90-H91**, H30-H35** (except H35.3), H53-H54**, H00-H21**, H27*, H43-H47**, H55- H61**, H68-H69** , H71-H83**, H92-H93**, K02**, K05**, R95	740-741, 742.2-742.9, 745-747, 749, 758.0, 758.1-758.9, 742.0-742.1, 743-744, 748, 750-753, 756-757, 759(except759.9), 690-692**, 696**, 681, 682, 680,683, 684, 686, 707.1, 707.8, 707.9, 133.0**, 110**, 111**, 078**, 706.0**, 706.1**, 704.0**, 698**, 708**, 707, 685, 693, 694, 695, 697, 700**, 701**, 702-706**, 709**, 365**, 366**, 362.5**, 367-368**, 378**, 385**, 387**, 389**, 361-362.5**, 362.6-364**, 369**, 360**, 370-377**, 379-380**, 384**, 386, 388**, 521-522**,523**, 798.0	B440-B444, B446-B449, B230**, B231**
Congenital anomalies	Q00, Q03, Q05, Q20-Q28, Q35-Q37, Q90, Q91-Q99 (except Q99.9), Q01-Q02, Q04, Q06-Q18, Q30-Q34, Q38-Q45, Q50-Q89 (except Q89.9)	740-741, 742.2-742.9, 745-747, 749, 758.0, 758.1-758.9, 742.0-742.1, 743-744, 748, 750-753, 756-757, 759(except759.9)	B440-B444, B446-B449
Neural tube defects	Q00, Q01, Q05	740-741, 742.0,742.2, 742.4-742.8	B440-B441
Congenital heart anomalies	Q20-Q28	745-747	B442
Cleft lip and cleft palate	Q35-Q37	749	B443
Down's syndrome	Q90	758.0	
Other chromosomal abnormalities	Q91-Q99 (except Q99.9)	758.1-758.9	
Other congenital anomalies	Q01-Q03, Q04, Q06-Q18, Q30-Q34, Q38-Q45, Q50-Q89 (except Q89.9)	742.1, 742.3,742.9, 743-744, 748, 750-753, 756-757, 759(except759.9)	B444, B446-B449

Web Table 3 - List of International Classification of Diseases codes mapped to the Global Burden of Disease cause list			
GBD Name	**ICD10 Code**	**ICD9 Code**	**ICD9 BTL Code**
Skin and subcutaneous diseases	L20**-L28**, L40**-L41**, L03.0, L03.1**, L03.2-L03.9, L00,L01, L02, L04**, L08, L88,L97, L98.0-L98.4**, B66, B35**, B36.0**, B36.1**, B36.2**, B36.3**, B36.8**, B36.9** B00, B07**-B09**L70**L63.0**, L63.1**, L63.8**, L63.9**, L29**, L50**L89, B85**, B87**,B88**, L05.0, L05.9, L10-L13, L28**, L30**, L42**-L44**, L51, L52**-L53**, L55**-L60**, L64**-L68**, L71**-L75**, L80**-L85**, L87, L90**-L92**, L93, L94-L95	690-692**, 696**, 681, 682, 680,683, 684, 686, 707.1, 707.8, 707.9, 133.0**, 110**, 111**, 78**, 706.0**, 706.1**, 704.0**, 698**, 708**, 707, 685, 693, 694, 695, 697, 700**, 701**, 702-706**, 709**	B42
Eczema	L20**-L28**	690-692**	
Psoriasis	L40**-L41**	696**	
Cellulitis	L03.0, L03.1**, L03.2-L03.9	681, 682	
Abscess, impetigo, and other bacterial skin diseases	L00, L01, L02, L04**, L08, L88, L97, L98.0-L98.4**	680, 683, 684, 686, 707.1, 707.8, 707.9	
Scabies	B66**	133.0**	
Fungal skin diseases	B35**, B36.0**, B36.1**, B36.2**, B36.3**, B36.8**, B36.9**	110**, 111**	
Viral skin diseases	B00, B07**-B09**	78**	
Acne vulgaris	L70**	706.0**, 706.1**	
Alopecia areata	L63.0**, L63.1**, L63.8**, L63.9**,	704.0**	
Pruritus	L29**	698**	
Urticaria	L50**	708**	
Decubitus ulcer	L89	707	
Other skin and subcutaneous diseases	B85**, B87**,B88**, L05.0, L05.9, L10-L13, L28**, L30**, L42**-L44**, L51, L52**-L53**, L55**-L60**, L64**-L68**, L71**-L75**, L80**-L85**, L87, L90**-L92**, L93, L94-L95	685, 693, 694, 695, 697, 700**, 701**, 702-706**, 709**	
Sense organ diseases	H40**, H25-H26**, H35.3**,H49-H52**, H90-H91**, H30-H35** (except H35.3), H53-H54**, H00-H21**, H27*, H43-H47**, H55-H61**, H68-H69**, H71-H83**, H92-H93**	365**, 366**, 362.5**, 367-368**, 378**, 385**, 387**, 389**, 361-362.5**, 362.6-364**, 369**, 360**, 370-377**, 379-380**, 384**, 386, 388**	B230**, B231**
Glaucoma	H40**	365**	B230**
Cataracts	H25-H26**	366**	B231**
Macular degeneration	H35.3**	362.5**	
Refraction and accommodation disorders	H49-H52**	367-368**, 378**	
Other hearing loss	H90-H91**	385**, 387**, 389**	
Other vision loss	H30-H35** (except H35.3), H53-H54**	361-362.5**, 362.6-364**, 369**	

Web Table 3 - List of International Classification of Diseases codes mapped to the Global Burden of Disease cause list			
GBD Name	**ICD10 Code**	**ICD9 Code**	**ICD9 BTL Code**
Other sense organ diseases	H00-H21**, H27*, H43-H47**, H55-H61**, H68-H69** , H71-H83**, H92-H93**	360**, 370-377**, 379-380**, 384**, 386, 388**	
Oral disorders	K02**, K05**	521-522**, 523**	
Dental caries	K02**	521-522**	
Periodontal disease	K05**	523**	
Edentulism	No ICD code**	No ICD code**	
Sudden infant death syndrome	R95	798.0	

Web Table 3 - List of International Classification of Diseases codes mapped to the Global Burden of Disease cause list			
GBD Name	**ICD10 Code**	**ICD9 Code**	**ICD9 BTL Code**
Injuries	V01-V04, V06,V09, V10-V19, V20-V29, Y85.0, V30-V79, V87.2-V87.3, V80, V82 V05,V81, V83-V86, V88.2, V88.3 , V91, V93-V98W00-W19, V90, V92, W65-W74, X00-X19, X46-X47, X48, X40, X43-X44 W32-W34, W24-W31, W45-W46, Y40-Y84, Y88, X20-X29 , W53-W64, W21, W39, W44, W49-W52, W75-W99, X50-X58, X70, X76-X77, X72-X74, X68, X71, X75, X78-X83, X60-X67, X69, X93-X95, X99, X85-X92, X96-X98, Y00-Y08, X30-X39,Y36, Y89.1,Y35, Y89.0	E811.7, E812.7, E813.7, E814.7, E815.7, E816.7, E817.7, E818.7, E819.7, E822.7, E823.7, E824.7, E825.7, E826.0, E827.0, E828.0, E829.0, E800.3, E801.3, E802.3, E803.3, E804.3, E805.3, E806.3, E810.6, E811.6, E812.6, E813.6, E814.6, E815.6, E816.6, E817.6, E818.6, E819.6, E820.6, E821.6, E822.6, E823.6, E824.6, E825.6, E826.1 E810.2-E810.3, E811.2-E811.3, E812.2-E812.3, E813.2-E813.3, E814.2-E814.3, E815.2-E815.3, E816.2-E816.3, E817.2-E817.3, E818.2-E818.3, E819.2-E819.3, E820.2-E820.3, E821.2-E821.3, E822.2-E822.3, E823.2-E823.3, E824.2-E824.3, E825.2-E825.3 E810.0-E810.1, E811.0-E811.1, E812.0-E812.1, E813.0-E813.1, E814.0-E814.1, E815.0-E815.1, E816.0-E816.1, E817.0-E817.1, E818.0-E818.1, E819.0-E819.1, E820.0-E820.1, E821.0-E821.1, E822.0-E822.1, E823.0-E823.1, E824.0-E824.1, E825.0-E825.1 E810.4, E810.5, E811.4, E811.5, E812.4, E812.5, E813.4, E813.5, E814.4, E814.5, E815.4, E815.5, E816.4, E816.5, E817.4, E817.5, E818.4, E818.5, E819.4, E819.5, E820.4, E820.5, E821.4, E821.5, E822.4, E822.5, E823.4, E823.5, E824.4, E824.5, E825.4, E825.5, E826.3, E826.4, E827.3, E827.4, E828.4, E829.4E800.0, E800.1, E800.2, E801.0, E801.1, E801.2, E802.0, E802.1, E802.2, E803.0, E803.1, E803.2, E804.0, E804.1, E804.2, E805.0, E805.1, E805.2, E806.0, E806.2, E806.1, E807.0, E807.1, E807.2, E810.7, E820.7, E821.7, E826.2, E827.2, E828.2 E831.0, E831.1, E831.2 ,E831.3, E831.4 ,E831.5 ,E831.6, E831.8E 831.9 E833.1, E833.0, E833.2, E833.4 ,E833.3, E833.5, E833.6, E833.8, E834.0, E833.9, E834.1, E834.2 E834.3, E834.4, E834.5 E834.6, E834.8, E835.0, E834.9, E835.1, E835.2 ,E835.3, E835.4, E835.6, E835.8, E835.5, E835.9, E836.0, E836.1, E836.2, E836.3, E836.4, E836.6, E836.5, E836.8, E837.0, E837.1, E837.2, E837.3, E837.4, E837.5, E837.6, E837.8, E837.9, E838.0, E838.1, E838.2, E838.3, E838.4, E838.5, E838.6, E838.8 E838.9, E840.0, E840.1, E840.2, E840.4, E840.6, E840.3, E840.5, E840.7, E840.8, E840.9, E841.0, E841.1, E841.2, E841.3, E841.4, E841.5, E841.7 E841.6, E841.8, E841.9, E842.6, E842.7, E842.8, E842.9, E843.0, E843.1 E843.2, E843.3, E843.4, E843.5, E843.7, E843.6, E843.8, E843.9, E844.0, E844.1, E844.2, E844.3, E844.5, E844.4, E844.6, E844.7, E844.9, E845.0, E845.9, E846, E847, E848, E880-E886, E888, E830, E832, E910, E890-E899, E924, E862, E867-E869, E863, E850.3-E850.8, E855-E858, E860.2-E861.9, E864-E866.9, E922, E916, E918-E921, E923, E928.1-E928.2, E870-E879, E930-E949, E905, E906, E900.1, E901.1, E902-E903, E904,1-E904,9, E911-E915, E917, E925-E927, E928.0, E928.8, E953, E958.1, E955- E955.4, E955.9, E950, E951-E952, E954, E955.5, E956-E958.0, E958.2- E959, E965.0-E965.4, E966, E904.0-E9040.9, E960-E964, E965.5-E965.9, E967-E969, E900.0, E900.9, E901.0, E901.8-E901.9, E907-E909, E990- E999, E970-E978	B471-B472, B470, B473-B474, B50, B521, B51, B480-B482, B523-B524, B49, B53, B54, B55, B561

Web Table 3 - List of International Classification of Diseases codes mapped to the Global Burden of Disease cause list			
GBD Name	**ICD10 Code**	**ICD9 Code**	**ICD9 BTL Code**
Transport injuries	V01-V04, V06,V09, V10-V19, V20-V29, Y85.0, V30-V79, V87.2-V87.3, V80, V82, V05,V81, V83-V86, V88.2, V88.3 , V91, V93-V98	E811.7, E812.7, E813.7, E814.7, E815.7, E816.7, E817.7, E818.7, E819.7, E822.7, E823.7, E824.7, E825.7, E826.0, E827.0, E828.0, E829.0 E800.3, E801.3, E802.3, E803.3, E804.3, E805.3, E806.3, E810.6, E811.6, E812.6, E813.6, E814.6, E815.6, E816.6, E817.6, E818.6, E819.6, E820.6, E821.6, E822.6, E823.6, E824.6, E825.6, E826.1 E810.2-E810.3, E811.2-E811.3, E812.2-E812.3, E813.2-E813.3, E814.2-E814.3, E815.2-E815.3, E816.2-E816.3, E817.2-E817.3, E818.2-E818.3, E819.2-E819.3, E820.2-E820.3, E821.2-E821.3, E822.2-E822.3, E823.2-E823.3, E824.2-E824.3, E825.2-E825.3 E810.0-E810.1, E811.0-E811.1, E812.0-E812.1, E813.0-E813.1, E814.0-E814.1, E815.0-E815.1, E816.0-E816.1, E817.0-E817.1, E818.0-E818.1, E819.0-E819.1, E820.0-E820.1, E821.0-E821.1, E822.0-E822.1, E823.0-E823.1, E824.0-E824.1, E825.0-E825.1 E810.4, E810.5, E811.4, E811.5, E812.4, E812.5, E813.4, E813.5, E814.4, E814.5, E815.4, E815.5, E816.4, E816.5, E817.4, E817.5, E818.4, E818.5, E819.4, E819.5, E820.4, E820.5, E821.4, E821.5, E822.4, E822.5, E823.4, E823.5, E824.4, E824.5, E825.4, E825.5, E826.3, E826.4, E827.3, E827.4, E828.4, E829.4E800.0, E800.1, E800.2, E801.0, E801.1, E801.2, E802.0, E802.1, E802.2, E803.0, E803.1, E803.2, E804.0, E804.1, E804.2, E805.0, E805.1, E805.2, E806.0, E806.2, E806.1, E807.0, E807.1, E807.2, E810.7, E820.7, E821.7, E826.2, E827.2, E828.2, E831.0, E831.1, E831.2, E831.3, E831.4, E831.5, E831.6, E831.8, E831.9, E833.1, E833.0, E833.2, E833.4, E833.3, E833.5, E833.6, E833.8, E834.0, E833.9, E834.1, E834.2, E834.3, E834.4, E834.5, E834.6, E834.8, E835.0, E834.9, E835.1, E835.2, E835.3, E835.4, E835.6, E835.8, E835.5, E835.9, E836.0, E836.1, E836.2, E836.3, E836.4, E836.6, E836.5, E836.8, E837.0, E837.1, E837.2, E837.3, E837.4, E837.5, E837.6, E837.8, E837.9, E838.0, E838.1, E838.2, E838.3, E838.4, E838.5, E838.6, E838.8, E838.9, E840.0, E840.1, E840.2, E840.4, E840.6, E840.3, E840.5, E840.7, E840.8, E840.9, E841.0, E841.1, E841.2, E841.3, E841.4, E841.5, E841.7, E841.6, E841.8, E841.9, E842.6, E842.7, E842.8, E842.9, E843.0, E843.1, E843.2, E843.3, E843.4, E843.5, E843.7, E843.6, E843.8, E843.9, E844.0, E844.1 E844.2, E844.3, E844.5, E844.4, E844.6, E844.7, E844.9, E845.0	B471-B472, B470, B473-B474

Web Table 3 - List of International Classification of Diseases codes mapped to the Global Burden of Disease cause list			
GBD Name	**ICD10 Code**	**ICD9 Code**	**ICD9 BTL Code**
Road injury	V01-V04, V06, V09, V10-V19, V20-V29, Y85.0, V30-V79, V87.2-V87.3, V80, V82	E811.7, E812.7, E813.7, E814.7, E815.7, E816.7, E817.7, E818.7, E819.7, E822.7, E823.7, E824.7, E825.7, E826.0, E827.0, E828.0, E829.0 E800.3, E801.3, E802.3, E803.3, E804.3, E805.3, E806.3, E810.6, E811.6, E812.6, E813.6, E814.6, E815.6, E816.6, E817.6, E818.6, E819.6, E820.6, E821.6, E822.6, E823.6, E824.6, E825.6, E826.1 E810.2-E810.3, E811.2-E811.3, E812.2-E812.3, E813.2-E813.3, E814.2-E814.3, E815.2-E815.3, E816.2-E816.3, E817.2-E817.3, E818.2-E818.3, E819.2-E819.3, E820.2-E820.3, E821.2-E821.3, E822.2-E822.3, E823.2-E823.3, E824.2-E824.3, E825.2-E825.3 E810.0-E810.1, E811.0-E811.1, E812.0-E812.1, E813.0-E813.1, E814.0-E814.1, E815.0-E815.1, E816.0-E816.1, E817.0-E817.1, E818.0-E818.1, E819.0-E819.1, E820.0-E820.1, E821.0-E821.1, E822.0-E822.1, E823.0-E823.1, E824.0-E824.1, E825.0-E825.1 E810.4, E810.5, E811.4, E811.5, E812.4, E812.5, E813.4, E813.5, E814.4, E814.5, E815.4, E815.5, E816.4, E816.5, E817.4, E817.5, E818.4, E818.5, E819.4, E819.5, E820.4, E820.5, E821.4, E821.5, E822.4, E822.5, E823.4, E823.5, E824.4, E824.5, E825.4, E825.5, E826.3, E826.4, E827.3, E827.4, E828.4, E829.4	B471-B472
Pedestrian injury by road vehicle	V01-V04, V06,V09	E811.7, E812.7, E813.7, E814.7, E815.7, E816.7, E817.7, E818.7, E819.7, E822.7, E823.7, E824.7, E825.7, E826.0, E827.0, E828.0, E829.0	
Pedal cycle vehicle	V10-V19	E800.3, E801.3, E802.3, E803.3, E804.3, E805.3, E806.3, E810.6, E811.6, E812.6, E813.6, E814.6, E815.6, E816.6, E817.6, E818.6, E819.6, E820.6, E821.6, E822.6, E823.6, E824.6, E825.6, E826.1	
Motorized vehicle with two wheels	V20-V29	E810.2-E810.3, E811.2-E811.3, E812.2-E812.3, E813.2-E813.3, E814.2-E814.3, E815.2-E815.3, E816.2-E816.3, E817.2-E817.3, E818.2-E818.3, E819.2-E819.3, E820.2-E820.3, E821.2-E821.3, E822.2-E822.3, E823.2-E823.3, E824.2-E824.3, E825.2-E825.3	
Motorized vehicle with three or more wheels	V30-V79, V87.2-V87.3	E810.0-E810.1, E811.0-E811.1, E812.0-E812.1, E813.0-E813.1, E814.0-E814.1, E815.0-E815.1, E816.0-E816.1, E817.0-E817.1, E818.0-E818.1, E819.0-E819.1, E820.0-E820.1, E821.0-E821.1, E822.0-E822.1, E823.0-E823.1, E824.0-E824.1, E825.0-E825.1	
Road injury other	V80, V82	E810.4, E810.5, E811.4, E811.5, E812.4, E812.5, E813.4, E813.5, E814.4, E814.5, E815.4, E815.5, E816.4, E816.5, E817.4, E817.5, E818.4, E818.5, E819.4, E819.5, E820.4, E820.5, E821.4, E821.5, E822.4, E822.5, E823.4, E823.5, E824.4, E824.5, E825.4, E825.5, E826.3, E826.4, E827.3, E827.4, E828.4, E829.4	

Web Table 3 - List of International Classification of Diseases codes mapped to the Global Burden of Disease cause list			
GBD Name	**ICD10 Code**	**ICD9 Code**	**ICD9 BTL Code**
Other transport injury	V05,V81, V83-V86, V88.2, V88.3 , V91, V93-V98	E800.0, E800.1, E800.2, E801.0, E801.1, E801.2, E802.0, E802.1, E802.2, E803.0, E803.1, E803.2, E804.0, E804.1, E804.2, E805.0, E805.1, E805.2, E806.0, E806.2, E806.1, E807.0, E807.1, E807.2, E810.7, E820.7, E821.7, E826.2, E827.2, E828.2, E831.0, E831.1, E831.2 ,E831.3, E831.4, E831.5, E831.6, E831.8, E831.9, E833.1, E833.0, E833.2, E833.4, E833.3, E833.5, E833.6, E833.8, E834.0, E833.9 E834.1 E834.2 E834.3 E834.4, E834.5, E834.6, E834.8, E835.0, E834.9, E835.1, E835.2, E835.3, E835.4, E835.6, E835.8, E835.5, E835.9, E836.0, E836.1, E836.2, E836.3, E836.4, E836.6, E836.5, E836.8, E837.0, E837.1, E837.2, E837.3, E837.4, E837.5, E837.6, E837.8, E837.9, E838.0, E838.1, E838.2, E838.3, E838.4, E838.5, E838.6, E838.8, E838.9, E840.0, E840.1, E840.2, E840.4, E840.6, E840.3, E840.5, E840.7, E840.8, E840.9, E841.0, E841.1, E841.2, E841.3, E841.4, E841.5, E841.7, E841.6, E841.8, E841.9, E842.6, E842.7, E842.8, E842.9, E843.0, E843.1, E843.2, E843.3, E843.4, E843.5, E843.7, E843.6, E843.8, E843.9, E844.0, E844.1, E844.2, E844.3, E844.5, E844.4, E844.6, E844.7, E844.9, E845.0, E845.9, E846, E847, E848	B470, B473-B474
Unintentional injuries other than transport injuries	W00-W19, V90, V92, W65-W74, X00-X19, X46-X47, X48, X40, X43-X44 W32-W34, W24-W31, W45-W46, Y40-Y84, Y88, X20-X29 W53-W64, W21, W39, W44, W49-W52, W75-W99, X50-X58	E880-E886, E888, E830, E832, E910, E890-E899, E924, E862, E867-E869, E863, E850.3-E850.8, E855-E858, E860.2-E861.9, E864-E866.9, E922, E916, E918-E921, E923, E928.1-E928.2, E870-E879, E930-E949, E905, E906, E900.1, E901.1, E902-E903, E904.1-E904.9, E911-E915, E917, E925-E927, E928.0, E928.8	B50, B521, B51, B480-B482, B523-B524, B49, B53
Falls	W00-W19	E880-E886, E888	B50
Drowning	V90, V92, W65-W74	E830, E832, E910	B521
Fire, heat and hot substances	X00-X19	E890-E899, E924	B51
Poisonings	X46-X47, X48, X40, X43-X44	E862, E867-E869, E863, E850.3-E850.8, E855-E858, E860.2-E861.9, E864-E866.9	B480-B482
Exposure to mechanical forces	W32-W34, W24-W31, W45-W46	E922, E916, E918-E921, E923, E928.1-E928.2	B523-B524
Mechanical forces (firearm)	W32-W34	E922	B524
Mechanical forces (other)	W24-W31, W45-W46	E916, E918-E921, E923, E928.1-E928.2	B523
Adverse effects of medical treatment	Y40-Y84, Y88	E870-E879, E930-E949	B49, B53
Animal contact	X20-X29, W53-W64	E905, E906	
Animal contact (venomous)	X20-X29	E905	
Animal contact (non-venomous)	W53-W64	E906	
Unintentional injuries not classified elsewhere	W21, W39, W44, W49-W52, W75-W99, X50-X58	E900.1, E901.1, E902-E903, E904.1-E904.9, E911-E915, E917, E925-E927, E928.0, E928.8	

Web Table 3 - List of International Classification of Diseases codes mapped to the Global Burden of Disease cause list			
GBD Name	**ICD10 Code**	**ICD9 Code**	**ICD9 BTL Code**
Self-harm and interpersonal violence	X70, X76-X77, X72-X74, X68, X71, X75, X78-X83, X60-X67, X69, X93-X95, X99, X85-X92, X96-X98, Y00-Y08	E953, E958.1, E955-E955.4, E955.9, E950, E951-E952, E954, E955.5, E956-E958.0, E958.2-E959, E965.0-E965.4, E966, E904.0-E9040.9, E960-E964, E965.5-E965.9, E967-E969	B54, B55
Self-harm	X70, X76-X77, X72-X74, X68, X71, X75, X78-X83, X60-X67, X69	E953, E958.1, E955-E955.4, E955.9, E950, E951-E952, E954, E955.5, E956-E958.0, E958.2-E959	B54
Interpersonal violence	X93-X95, X99X, 85-X92, X96-X98, Y00-Y08	E965.0-E965.4, E966, E904.0-E9040.9, E960-E964, E965.5-E965.9, E967-E969	B55
Assault by firearm	X93-X95	E965.0-E965.4	
Assault by sharp object	X99	E966	
Assault by other means	X85-X92, X96-X98, Y00-Y08	E904.0-E9040.9, E960-E964, E965.5-E965.9, E967-E969	
Forces of nature, war, and legal intervention	X30-X39, Y36, Y89.1, Y35, Y89.0	E900.0, E900.9, E901.0, E901.8-E901.9, E907-E909, E990-E999, E970-E978	B561
Exposure to forces of nature	X30-X39	E900.0, E900.9, E901.0, E901.8-E901.9, E907-E909	
Collective violence and legal intervention	Y36, Y89.1,Y35, Y89.0	E990-E999, E970-E978	B561

* These codes have been used just for calculation of mortality (YLL)

** These codes have been used just for calculation of non-fatal outcomes (YLD)

*** These codes are just usable for hospital data from the US

C. Garbage code redistribution

Web Tables 4a through 4g provide a complete listing of the garbage code redistribution algorithms used in this study. Because the tables are long and detailed, we have organized them in clusters of garbage codes on the basis of what are the broad target codes. The algorithms are presented for garbage codes redistributed on target codes in: communicable diseases (a); injuries (b); neoplasms (c); non-communicable diseases excluding neoplasms (d); non-communicable diseases and injuries (e); non-communicable and communicable diseases (f); communicable diseases, non-communicable diseases, and injuries (g). Within each table, the rows indicate the set of garbage codes and the columns indicate the target causes that they have been redistributed onto. Given the complexity of the table, we have provided the following instructions for interpreting the values:

1. Choose a garbage code from the first column and read the target causes over which the garbage code was redistributed from left to right. The value in each cell represents the percent that the particular garbage code was redistributed onto that target code. The symbol "-" means no redistribution over this target cause took place. A value of "0·0" means the fraction of the garbage code redistributed to this target cause was less than 0·01%
2. A coloring scheme has been introduced to show the redistribution at various levels of detail:
    a. The grey cells are the most detailed level, showing the specific target codes that the garbage codes are redistributed onto.
    b. To look at this redistribution at a less detailed level, the light blue cells sum up all of the grey cells for each category.
    c. Similarly, the dark blue cells show an even less detailed view, showing the summation of all of the light blue cells.
    d. Finally, the orange cells reflect the most aggregated level to view the redistribution. The orange cells are the aggregation of the dark blue cells.
3. To illustrate, the following example from Web Table 4a shows the redistribution of the “all cardiac conduct disorders” garbage code over the various target codes and hierarchies:
    a. 1% is redistributed onto the major group of communicable, maternal, neonatal, and nutritional disorders.
        i. All 1% are redistributed onto parasitic and vector diseases.
            1. All 1% are specifically redistributed onto chagas disease.
    b. 94·01% is redistributed onto the major group of non-communicable diseases.
        i. Of that, 92·89% is redistributed onto cardiovascular and other circulatory diseases.
            1. Of that, 89·89% is redistributed onto ischemic heart disease.
            2. The remaining 3% is redistributed onto cardiomyopathy and myocarditis.
        ii. 1% of that is redistributed onto diabetes, urogenital, blood, and endocrine diseases.
            1. All 1% is redistributed onto hemoglobinopathies and other hemolytic anemias.
                a. All 1% is specifically redistributed onto other endocrine, nutritional, blood, and immune disorders.
        iii. The remaining 0·12% is redistributed onto other non-communicable diseases.
            1. All 0·12% is redistributed onto congenital anomalies.
                a. All 0·12% is redistributed specifically onto congenital heart anomalies.
    c. 4·99% is redistributed onto the major group of injuries.
        i. Of that 4·99%, all are redistributed onto parasitic and vector diseases.
            1. All 4·99% is redistributed onto unintentional injuries other than transport injuries.
                a. All 4·99% is specifically redistributed onto adverse effects of medical treatment.

Within this example, the first tier shows the three main cause groupings from the GBD cause list. At each subsequent tier, the more specific target is detailed. Due to the large number of target codes, the table has been split over consecutive pages. A particular garbage code row should be followed over all pages within the table.

Web Table 4a - List of garbage code redistribution over the GBD cause list for communicable diseases, non-communicable diseases, and injuries

Garbage Code \ Target Cause	Communicable, maternal, neonatal and nutritional disorders	HIV/AIDS and tuberculosis	Tuberculosis	HIV/AIDS	Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	Diarrheal diseases	Cholera	Other salmonella infections	Shigellosis	Enteropathogenic E coli infection
All cardiac conduction disorders	1·00	-	-	-	0·00	-	-	-	-	-
All disorders of electrolyte & fluid balance	25·51	0·62	0·15	0·47	16·24	13·86	0·05	0·05	0·04	-
All encephalopathy and cerebral oedema	8·28	0·11	-	0·11	3·42	-	-	-	-	-
All hydrocephalus	8·37	-	-	-	2·49	-	-	-	-	-
All undetermined intentional or unintentional	0·01	0·00	0·00	0·00	0·00	0·00	-	-	-	-
All unspecified parasitic diseases	99·09	0·10	0·04	0·06	0·68	0·21	-	-	-	-
B19, Unspecified viral hepatitis	99·82	0·02	0·01	0·01	42·32	0·04	-	-	-	-
Cardiogenic shock and other shock	1·28	0·10	0·04	0·06	0·28	0·03	-	-	-	-
DIC, cardiac arrest, acute respiratory failure and coma	11·73	1·65	1·03	0·62	8·68	0·41	0·00	0·00	0·00	0·00
Different paralytic syndrome and palsy syndrome	10·57	1·48	0·50	0·98	2·19	0·28	0·00	0·02	0·00	-
Embolism & thrombosis	0·75	0·12	0·04	0·07	0·52	0·04	-	0·00	-	-
Fever, malaise, febrile and convulsions of unknown origin	26·14	10·53	3·97	6·56	14·85	0·52	-	0·01	-	-
GI signs and syptoms	0·06	0·00	0·00	0·00	0·00	0·00	-	-	-	-
Hypertension	0·00	0·00	0·00	0·00	0·00	0·00	-	-	-	-
I31.3, Pericardial effusion (noninflammatory)	16·66	-	-	-	-	-	-	-	-	-
Ill-defined codes from A00-B99	24·36	10·16	2·32	7·84	11·19	2·13	-	-	-	-
Ill-defined codes from D10-D36.9	10·36	1·96	0·75	1·21	5·95	0·75	-	-	-	-
Ill-defined codes from F32-F99	8·09	1·81	0·63	1·17	5·17	0·52	-	0·01	-	-
Ill-defined codes from G43-G58.9	15·49	7·46	2·07	5·39	6·61	0·86	-	0·01	-	-
Ill-defined codes from H00-H99	19·35	4·89	1·24	3·66	10·44	2·68	-	-	-	-
Ill-defined codes from J30-J35.9	25·76	14·60	2·61	11·99	9·08	1·60	-	-	-	-
Ill-defined codes from K00-K14.9	14·11	3·99	1·34	2·65	8·25	1·12	-	0·03	-	-
Ill-defined codes from L01-L98.9	16·21	6·29	1·49	4·80	8·31	1·25	-	0·01	-	-
Ill-defined codes from M09-M99	10·04	2·37	1·00	1·37	6·68	0·48	-	0·00	-	-
Ill-defined codes from N39.3-N97.8	9·51	1·49	1·07	0·42	6·47	0·43	0·00	0·01	0·00	-
Ill-defined codes from Q10-Q84.9	43·15	2·18	0·50	1·68	21·88	7·55	-	-	-	-
Ill-defined codes from R00-R99	16·19	5·48	1·53	3·96	8·04	1·43	0·00	0·00	0·00	0·00
Ill-defined codes from Z00-Z99	9·83	2·56	0·69	1·87	5·16	0·73	0·00	0·01	0·00	-
J81, Pulmonary oedema	0·38	0·04	0·01	0·03	0·26	0·07	-	0·00	-	-
K65, Peritonitis	1·14	-	-	-	-	-	-	-	-	-
N17-N19, Renal failure	3·35	0·59	0·00	0·59	2·13	0·10	0·00	0·04	0·00	-
Pneumonitis	0·00	-	-	-	0·00	-	-	-	-	-
Pulmonary embolism	0·35	-	-	-	-	-	-	-	-	-
R54, Senility	12·61	1·55	1·43	0·12	10·12	0·52	0·00	0·00	0·00	0·00
Septicaemia	29·08	3·16	-	3·16	21·58	2·41	-	0·69	-	-
Sequela of different diseases and injuries	21·50	2·31	0·75	1·56	10·42	1·96	0·00	0·04	0·00	-
Thorax and pleural problem	56·89	7·68	7·68	-	48·93	-	-	-	-	-
Unspecified liver disease	16·75	0·10	0·03	0·06	5·39	2·72	-	2·46	-	-

Web Table 4a - List of garbage code redistribution over the GBD cause list for communicable diseases, non-nommunicable diseases, and injuries

Garbage Code \ Target Cause	Enterotoxigenic E coli infection	Campylobacter enteritis	Amoebiasis	Cryptosporidiosis	Rotaviral enteritis	Other diarrheal disease	Typhoid and paratyphoid fevers	Lower respiratory infections	Influenza	Pneumococcal pneumonia	H influenzae type B pneumonia	Respiratory syncytial virus pneumonia	Other lower respiratory infections	Upper respiratory infections	Meningitis
All cardiac conduction disorders	-	-	-	-	-	-	-	0·00	-	-	-	-	0·00	-	-
All disorders of electrolyte & fluid balance	-	-	0·07	-	-	13·65	0·00	2·33	0·01	0·62	0·10	-	1·58	0·02	0·03
All encephalopathy and cerebral oedema	-	-	-	-	-	-	-	0·87	0·87	-	-	-	-	-	2·55
All hydrocephalus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2·49
All undetermined intentional or unintentional	-	-	-	-	-	0·00	-	0·00	-	-	-	-	0·00	-	0·00
All unspecified parasitic diseases	-	-	-	-	-	0·21	0·01	0·39	-	0·01	-	-	0·37	0·01	0·07
B19, Unspecified viral hepatitis	-	-	-	-	-	0·04	0·00	0·08	-	0·00	-	-	0·07	0·00	0·01
Cardiogenic shock and other shock	-	-	-	-	-	0·03	0·00	0·24	0·00	-	-	-	0·24	0·00	0·01
DIC, cardiac arrest, acute respiratory failure and coma	-	0·00	0·01	-	0·00	0·39	0·01	7·83	0·04	1·39	0·53	0·00	5·84	0·02	0·14
Different paralytic syndrome and palsy syndrome	-	-	0·01	-	0·00	0·26	0·02	1·23	0·05	0·03	0·02	0·00	1·12	0·02	0·59
Embolism & thrombosis	-	-	0·00	-	-	0·04	0·00	0·46	0·01	0·01	0·00	-	0·44	0·00	0·01
Fever, malaise, febrile and convulsions of unknown origin	-	-	0·00	-	-	0·51	0·52	10·07	0·05	0·04	0·01	-	9·48	0·49	3·71
GI signs and syptoms	-	-	-	-	-	0·00	-	0·00	-	-	-	-	0·00	-	0·00
Hypertension	-	-	-	-	-	0·00	-	0·00	-	-	-	-	0·00	-	-
I31.3, Pericardial effusion (noninflammatory)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ill-defined codes from A00-B99	-	-	-	-	-	2·13	0·04	7·99	0·08	-	-	-	7·88	0·04	0·95
Ill-defined codes from D10-D36.9	-	-	0·01	-	-	0·74	0·00	4·89	0·05	0·01	-	-	4·82	0·01	0·29
Ill-defined codes from F32-F99	-	-	0·00	-	-	0·52	0·01	4·38	0·09	0·10	0·02	-	4·15	0·02	0·24
Ill-defined codes from G43-G58.9	-	-	0·00	-	-	0·85	0·03	4·93	0·06	0·01	-	-	4·84	0·02	0·72
Ill-defined codes from H00-H99	-	-	0·01	-	-	2·66	0·05	6·85	0·06	0·05	-	-	6·66	0·09	0·73
Ill-defined codes from J30-J35.9	-	-	-	-	-	1·60	0·06	5·82	0·06	-	-	-	5·76	-	1·60
Ill-defined codes from K00-K14.9	-	-	-	-	-	1·08	0·05	6·52	0·03	-	-	-	6·35	0·14	0·49
Ill-defined codes from L01-L98.9	-	-	-	-	-	1·23	0·01	6·56	0·05	0·06	0·02	-	6·41	0·02	0·47
Ill-defined codes from M09-M99	-	-	0·00	-	-	0·47	0·01	6·08	0·08	0·01	-	-	5·99	0·01	0·10
Ill-defined codes from N39.3-N97.8	-	-	0·01	-	-	0·41	0·01	5·93	0·06	0·02	0·00	-	5·85	0·01	0·07
Ill-defined codes from Q10-Q84.9	-	-	0·02	-	-	7·53	-	13·32	0·04	0·32	0·02	-	12·65	0·28	0·97
Ill-defined codes from R00-R99	0·00	0·00	0·01	0·00	0·00	1·41	0·02	6·07	0·06	0·04	0·00	0·00	5·92	0·04	0·44
Ill-defined codes from Z00-Z99	-	-	0·01	-	0·00	0·71	0·01	4·03	0·06	0·04	0·00	0·00	3·88	0·04	0·32
J81, Pulmonary oedema	-	-	0·00	-	-	0·07	0·00	0·16	0·00	0·01	0·00	-	0·15	0·00	0·02
K65, Peritonitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N17-N19, Renal failure	-	-	-	-	-	0·05	0·03	1·29	-	0·41	0·15	-	0·73	-	0·69
Pneumonitis	-	-	-	-	-	-	-	0·00	-	-	-	-	0·00	-	-
Pulmonary embolism	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R54, Senility	0·00	0·00	0·01	0·00	0·00	0·51	0·01	9·42	0·08	0·03	0·00	0·00	9·28	0·03	0·13
Septicaemia	-	-	-	-	-	1·72	-	15·94	-	5·09	1·84	-	9·01	-	3·03
Sequela of different diseases and injuries	-	0·00	0·02	-	0·00	1·90	0·01	0·00	-	-	-	-	0·00	-	4·57
Thorax and pleural problem	-	-	-	-	-	-	-	48·92	-	23·18	6·95	-	18·78	-	-
Unspecified liver disease	-	-	0·22	-	-	0·04	0·68	0·33	0·01	0·01	0·00	-	0·31	0·00	0·04

Web Table 4a - List of garbage code redistribution over the GBD cause list for communicable diseases, non-nommunicable diseases, and injuries

Garbage Code \ Target Cause	Pneumococcal meningitis	H influenzae type B meningitis	Meningococcal infection	Other meningitis	Encephalitis	Diphtheria	Whooping cough	Tetanus	Measles	Varicella	Neglected tropical diseases and malaria	Malaria	Chagas disease	Dengue	Yellow fever	Rabies	Intestinal nematode infections	Ascariasis	Trichuriasis
All cardiac conduction disorders	-	-	-	-	-	-	-	-	-	-	1·00	-	1·00	-	-	-	-	-	-
All disorders of electrolyte & fluid balance	-	0·00	0·02	0·02	0·00	-	-	0·01	0·00	0·00	0·28	0·0	0·11	0·01	0·15	0·00	-	-	-
All encephalopathy and cerebral oedema	-	-	0·23	2·32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All hydrocephalus	-	-	1·25	1·25	-	-	-	-	-	-	0·73	-	-	-	-	-	-	-	-
All undetermined intentional or unintentional	-	-	0·00	0·00	0·00	-	-	-	-	-	0·00	-	-	-	-	-	-	-	-
All unspecified parasitic diseases	-	-	0·05	0·02	-	-	-	-	-	-	98·22	53·	0·48	0·04	-	-	23·27	21·2	0·58
B19, Unspecified viral hepatitis	-	-	0·01	0·00	42·18	-	-	-	-	-	9·90	5·3	0·05	0·01	-	-	2·35	2·1	0·06
Cardiogenic shock and other shock	-	0·00	0·01	0·01	-	-	-	0·00	-	0·00	0·01	0·0	0·01	0·00	-	-	-	-	-
DIC, cardiac arrest, acute respiratory failure and coma	0·00	0·01	0·06	0·07	0·02	0·00	0·25	0·01	0·00	0·01	0·48	0·13	0·01	0·00	0·00	0·00	0·00	0·00	-
Different paralytic syndrome and palsy syndrome	0·00	0·09	0·24	0·25	0·01	0·00	0·00	0·01	0·01	0·03	0·15	0·0	0·02	0·04	0·00	0·01	0·01	0·0	-
Embolism & thrombosis	-	0·00	0·01	0·01	0·00	-	-	0·00	-	0·00	0·02	0·0	0·01	0·00	-	-	-	-	-
Fever, malaise, febrile and convulsions of unknown origin	-	1·25	0·86	1·59	0·00	-	0·00	0·02	0·00	0·01	0·08	0·02	0·02	0·03	-	0·00	-	-	-
GI signs and syptoms	-	-	0·00	0·00	-	-	-	-	-	-	0·00	-	0·00	-	-	-	-	-	-
Hypertension	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I31.3, Pericardial effusion (noninflammatory)	-	-	-	-	-	-	-	-	-	-	16·66	-	-	-	-	-	-	-	-
Ill-defined codes from A00-B99	-	0·04	0·57	0·34	-	-	-	0·04	0·04	-	0·42	0·2	0·08	0·04	-	-	-	-	-
Ill-defined codes from D10-D36.9	-	0·03	0·14	0·12	-	-	0·00	0·00	0·01	0·01	0·14	0·0	0·08	0·01	-	-	-	-	-
Ill-defined codes from F32-F99	-	0·04	0·10	0·10	0·01	-	-	0·01	-	0·01	0·15	0·0	0·08	0·01	-	0·00	-	-	-
Ill-defined codes from G43-G58.9	-	0·05	0·38	0·28	0·00	0·00	-	0·06	0·00	0·02	0·44	0·2	0·10	0·04	-	0·01	0·00	0·0	-
Ill-defined codes from H00-H99	-	0·13	0·42	0·18	0·01	-	0·01	0·02	0·06	0·03	0·42	0·0	0·10	0·08	-	0·02	0·01	0·0	-
Ill-defined codes from J30-J35.9	-	0·06	0·95	0·59	-	-	-	-	-	-	0·59	0·3	-	0·12	-	-	-	-	-
Ill-defined codes from K00-K14.9	-	0·05	0·24	0·19	0·02	-	-	0·02	0·03	-	0·21	0·0	0·02	0·05	-	0·02	-	-	-
Ill-defined codes from L01-L98.9	-	0·03	0·28	0·15	0·00	-	-	0·00	0·01	0·00	0·22	0·0	0·10	0·02	-	-	-	-	-
Ill-defined codes from M09-M99	-	0·00	0·06	0·03	0·00	-	-	0·01	-	0·01	0·07	0·0	0·04	-	-	0·00	-	-	-
Ill-defined codes from N39.3-N97.8	-	0·00	0·04	0·03	0·01	-	-	0·01	-	0·01	0·20	0·0	0·14	0·00	-	0·00	-	-	-
Ill-defined codes from Q10-Q84.9	-	0·12	0·52	0·32	-	-	0·02	-	-	0·02	-	-	-	-	-	-	-	-	-
Ill-defined codes from R00-R99	0·00	0·04	0·25	0·15	0·01	0·00	0·00	0·03	0·01	0·02	0·48	0·0	0·28	0·02	0·00	0·01	0·00	0·0	0·00
Ill-defined codes from Z00-Z99	0·00	0·04	0·16	0·12	0·01	0·00	0·00	0·01	0·01	0·02	0·22	0·0	0·09	0·01	0·00	0·00	0·00	0·0	-
J81, Pulmonary oedema	-	0·00	0·01	0·01	0·00	-	0·00	0·00	0·00	0·00	0·01	0·0	-	0·00	-	0·00	-	-	-
K65, Peritonitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N17-N19, Renal failure	-	0·15	0·22	0·32	-	-	-	-	0·00	0·01	-	-	-	-	-	-	-	-	-
Pneumonitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pulmonary embolism	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R54, Senility	0·00	0·00	0·07	0·06	0·01	-	-	0·02	-	0·01	0·16	0·0	0·02	0·00	0·00	0·00	0·00	0·0	0·00
Septicaemia	-	1·80	0·71	0·52	-	-	-	-	0·07	0·12	-	-	-	-	-	-	-	-	-
Sequela of different diseases and injuries	0·02	0·14	2·43	1·99	3·76	0·00	0·00	0·02	0·00	0·09	0·34	0·0	0·12	0·01	0·01	0·00	0·00	0·0	-
Thorax and pleural problem	-	-	-	-	-	-	0·01	-	-	-	-	-	-	-	-	-	-	-	-
Unspecified liver disease	-	0·01	0·01	0·02	1·61	-	0·00	0·00	0·00	0·00	7·27	0·0	0·00	0·02	0·01	-	0·00	0·0	-

Web Table 4a - List of garbage code redistribution over the GBD cause list for communicable diseases, non-nommunicable diseases, and injuries

Garbage Code \ Target Cause	Hookworm disease	Food-borne trematodiases	Other neglected tropical diseases	Leishmaniasis	African trypanosomiasis	Schistosomiasis	Cysticercosis	Echinococcosis	Lymphatic filariasis	Onchocerciasis	Trachoma	Maternal disorders	Maternal hemorrhage	Maternal sepsis	Hypertensive disorders of pregnancy	Obstructed labor	Abortion	Other maternal disorders
All cardiac conduction disorders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All disorders of electrolyte & fluid balance	-	-	0·01	-	-	0·00	-	0·00	-	-	-	0·01	0·00	0·00	0·00	-	0·00	0·00
All encephalopathy and cerebral oedema	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All hydrocephalus	-	-	0·73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All undetermined intentional or unintentional	-	-	-	-	-	0·00	-	-	-	-	-	-	-	-	-	-	-	-
All unspecified parasitic diseases	1·48	3·09	10·80	0·23	0·04	0·44	5·00	0·31	0·82	0·37	-	-	-	-	-	-	-	-
B19, Unspecified viral hepatitis	0·15	0·31	1·09	0·02	0·00	0·04	0·50	0·03	0·08	0·04	-	-	-	-	-	-	-	-
Cardiogenic shock and other shock	-	-	0·00	-	-	0·00	0·00	-	-	-	-	0·79	0·34	0·00	0·00	0·02	0·40	0·03
DIC, cardiac arrest, acute respiratory failure and coma	0·00	0·00	0·19	0·00	0·00	0·14	0·00	0·00	0·00	-	-	0·14	0·06	0·00	0·02	0·00	0·03	0·05
Different paralytic syndrome and palsy syndrome	0·00	0·00	0·03	0·01	0·00	0·00	0·01	0·00	-	-	-	0·27	0·05	0·03	0·08	0·00	0·04	0·15
Embolism & thrombosis	-	0·00	0·00	0·00	-	0·00	0·00	-	-	-	-	0·01	0·00	0·00	0·00	-	0·00	0·00
Fever, malaise, febrile and convulsions of unknown origin	-	-	0·01	-	-	0·00	0·00	0·00	-	-	-	0·04	0·01	0·01	0·00	-	0·01	0·01
GI signs and syptoms	-	-	-	-	-	-	-	-	-	-	-	0·05	-	-	-	-	0·05	-
Hypertension	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I31.3, Pericardial effusion (noninflammatory)	-	-	16·66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ill-defined codes from A00-B99	-	-	0·08	-	-	-	-	-	-	-	-	0·08	0·04	-	-	-	-	0·04
Ill-defined codes from D10-D36.9	-	-	0·01	0·00	-	0·03	-	-	-	-	-	0·12	0·03	0·00	0·04	-	0·01	0·07
Ill-defined codes from F32-F99	-	-	0·02	0·01	-	0·02	0·00	-	-	-	-	0·15	0·05	0·01	0·05	-	0·01	0·08
Ill-defined codes from G43-G58.9	-	0·02	0·05	0·01	-	0·00	-	-	-	-	-	0·06	0·02	0·00	0·01	0·00	0·01	0·03
Ill-defined codes from H00-H99	-	-	0·05	0·01	-	0·11	-	-	-	-	-	0·19	0·03	0·01	0·08	-	0·02	0·13
Ill-defined codes from J30-J35.9	-	-	0·06	-	-	0·06	-	-	-	-	-	0·06	0·06	-	-	-	-	-
Ill-defined codes from K00-K14.9	-	-	0·03	-	-	-	-	-	-	-	-	0·09	0·02	-	0·03	-	-	0·07
Ill-defined codes from L01-L98.9	-	-	0·01	-	-	0·00	-	-	-	-	-	0·05	0·01	-	0·01	-	0·00	0·03
Ill-defined codes from M09-M99	-	-	0·01	-	-	0·00	0·00	0·00	-	-	-	0·01	0·00	-	0·00	-	-	0·01
Ill-defined codes from N39.3-N97.8	-	-	0·01	0·00	-	0·03	0·01	0·00	-	-	-	0·02	0·01	-	0·01	-	0·00	0·01
Ill-defined codes from Q10-Q84.9	-	-	-	-	-	-	-	-	-	-	-	0·10	0·04	-	0·04	-	-	0·06
Ill-defined codes from R00-R99	0·00	0·00	0·03	0·01	0·00	0·05	0·01	0·00	0·00	0·00	0·00	0·12	0·04	0·01	0·03	0·00	0·02	0·06
Ill-defined codes from Z00-Z99	0·00	0·00	0·04	0·01	-	0·03	0·01	0·00	0·00	-	-	0·22	0·06	0·01	0·06	0·00	0·02	0·13
J81, Pulmonary oedema	-	0·00	0·00	0·00	-	0·00	-	-	-	-	-	0·01	0·00	0·00	0·00	-	0·00	0·00
K65, Peritonitis	-	-	-	-	-	-	-	-	-	-	-	1·14	-	0·69	-	-	0·39	0·05
N17-N19, Renal failure	-	-	-	-	-	-	-	-	-	-	-	0·12	0·02	0·05	-	0·00	0·03	0·01
Pneumonitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pulmonary embolism	-	-	-	-	-	-	-	-	-	-	-	0·35	0·13	-	-	0·01	0·20	0·01
R54, Senility	0·00	0·00	0·01	0·00	0·00	0·08	0·00	0·00	0·00	0·00	-	0·00	0·00	0·00	0·00	0·00	0·00	0·00
Septicaemia	-	-	-	-	-	-	-	-	-	-	-	0·60	-	0·34	-	-	0·23	0·03
Sequela of different diseases and injuries	0·00	0·00	0·10	0·01	-	0·06	0·02	0·00	-	-	-	-	-	-	-	-	-	-
Thorax and pleural problem	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Unspecified liver disease	-	3·22	0·04	3·97	-	0·00	0·00	0·00	-	-	-	0·01	0·00	0·00	0·00	-	0·00	0·01

Web Table 4a - List of garbage code redistribution over the GBD cause list for communicable diseases, non-nommunicable diseases, and injuries

Garbage Code / Target Cause	Neonatal disorders	Preterm birth complications	Neonatal encephalopathy (birth asphyxia and birth trauma)	Sepsis and other infectious disorders of the newborn baby	Other neonatal disorders	Nutritional deficiencies	Protein-energy malnutrition	Iodine deficiency	Vitamin A deficiency	Iron-deficiency anemia	Other nutritional disorders	Other communicable, maternal, neonatal and nutritional disorders	Sexually transmitted diseases excluding HIV	Syphilis
All cardiac conduction disorders	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All disorders of electrolyte & fluid balance	0·08	0·04	0·01	0·01	0·02	8·24	8·18	0·02	-	0·04	0·01	0·04	0·00	0·00
All encephalopathy and cerebral oedema	0·85	-	0·43	-	0·42	2·70	-	-	-	-	2·70	1·20	0·24	0·24
All hydrocephalus	5·15	1·46	2·22	-	1·46	-	-	-	-	-	-	-	-	-
All undetermined intentional or unintentional	0·00	0·00	-	-	-	-	-	-	-	-	-	0·00	-	-
All unspecified parasitic diseases	0·03	0·02	-	-	0·01	0·05	0·04	0·01	-	-	-	-	-	-
B19, Unspecified viral hepatitis	0·01	0·00	-	-	0·00	0·01	0·01	0·00	-	-	-	47·56	-	-
Cardiogenic shock and other shock	0·04	0·02	0·01	0·01	0·01	0·04	0·03	-	-	0·01	0·00	0·01	-	-
DIC, cardiac arrest, acute respiratory failure and coma	0·12	0·06	0·02	0·02	0·02	0·44	0·21	0·06	0·00	0·14	0·03	0·23	0·00	0·00
Different paralytic syndrome and palsy syndrome	5·99	0·62	4·47	-	0·90	0·29	0·18	0·01	0·00	0·06	0·04	0·18	0·01	0·00
Embolism & thrombosis	0·01	0·00	0·00	0·01	0·00	0·05	0·03	0·00	-	0·01	0·00	0·03	0·00	0·00
Fever, malaise, febrile and convulsions of unknown origin	0·05	0·02	0·01	0·01	0·01	0·50	0·37	0·01	-	0·10	0·02	0·10	0·00	0·00
GI signs and syptoms	-	-	-	-	-	0·00	0·00	-	-	0·00	-	0·00	-	-
Hypertension	0·00	0·00	-	-	-	0·00	0·00	-	-	0·00	-	-	-	-
I31.3, Pericardial effusion (noninflammatory)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ill-defined codes from A00-B99	1·22	0·65	0·19	0·19	0·19	1·10	0·80	-	-	0·27	0·04	0·19	-	-
Ill-defined codes from D10-D36.9	1·24	0·59	0·23	0·17	0·24	0·71	0·51	0·01	-	0·16	0·04	0·24	0·00	0·00
Ill-defined codes from F32-F99	0·07	0·05	0·01	0·01	0·01	0·44	0·20	0·03	-	0·19	0·03	0·30	0·00	0·00
Ill-defined codes from G43-G58.9	0·19	0·09	0·03	0·03	0·04	0·44	0·20	-	-	0·20	0·04	0·29	0·00	0·00
Ill-defined codes from H00-H99	1·94	0·93	0·33	0·27	0·41	1·14	0·85	0·02	-	0·22	0·06	0·31	0·01	0·01
Ill-defined codes from J30-J35.9	0·24	0·18	-	-	0·06	0·95	0·47	0·06	-	0·36	0·06	0·24	-	-
Ill-defined codes from K00-K14.9	0·54	0·30	0·07	0·05	0·12	0·82	0·51	0·03	-	0·21	0·07	0·21	-	-
Ill-defined codes from L01-L98.9	0·41	0·20	0·06	0·05	0·10	0·69	0·47	0·00	-	0·17	0·04	0·25	-	-
Ill-defined codes from M09-M99	0·01	0·01	0·00	-	0·00	0·72	0·46	0·00	-	0·20	0·06	0·17	-	-
Ill-defined codes from N39.3-N97.8	0·04	0·03	0·01	0·00	0·01	1·14	0·80	0·01	-	0·24	0·09	0·14	0·00	0·00
Ill-defined codes from Q10-Q84.9	16·41	8·74	2·95	1·78	2·95	2·22	1·65	0·24	-	0·28	0·04	0·36	0·02	0·02
Ill-defined codes from R00-R99	0·82	0·41	0·15	0·11	0·15	0·97	0·64	0·04	0·00	0·23	0·06	0·28	0·01	0·01
Ill-defined codes from Z00-Z99	0·67	0·33	0·11	0·09	0·13	0·59	0·38	0·02	0·00	0·14	0·05	0·41	0·01	0·01
J81, Pulmonary oedema	0·04	0·02	0·00	0·01	0·01	0·02	0·01	0·00	-	0·00	0·00	0·01	-	-
K65, Peritonitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N17-N19, Renal failure	-	-	-	-	-	0·00	0·00	-	-	0·00	-	0·52	-	-
Pneumonitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pulmonary embolism	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R54, Senility	0·00	0·00	0·00	0·00	0·00	0·61	0·29	0·04	0·00	0·21	0·07	0·15	0·01	0·00
Septicaemia	0·81	-	-	0·81	-	-	-	-	-	-	-	2·93	-	-
Sequela of different diseases and injuries	-	-	-	-	-	-	-	-	-	-	-	8·43	0·02	0·02
Thorax and pleural problem	0·28	0·21	0·00	0·07	-	-	-	-	-	-	-	0·01	-	-
Unspecified liver disease	0·03	0·01	0·01	0·00	0·01	0·05	0·03	0·00	-	0·01	0·01	3·91	0·00	0·00

Web Table 4a - List of garbage code redistribution over the GBD cause list for communicable diseases, non-nommunicable diseases, and injuries

Garbage Code \ Target Cause	Sexually transmitted chlamydial diseases	Gonococcal infection	Other sexually transmitted diseases	Hepatitis	Acute hepatitis B	Acute hepatitis C	Acute hepatitis E	Leprosy	Other infectious diseases	Non-communicable Diseases	Neoplasms	Esophageal cancer	Stomach cancer	Liver cancer	Nasopharynx cancer	Cancer of other part of pharynx and oropharynx
All cardiac conduction disorders	-	-	-	-	-	-	-	-	-	94·01	0·00	-	-	-	-	-
All disorders of electrolyte & fluid balance	-	-	-	0·00	0·00	0·00	-	0·00	0·04	51·54	4·21	0·05	0·04	0·05	0·01	0·04
All encephalopathy and cerebral oedema	-	-	-	-	-	-	-	-	0·96	86·22	0·27	-	-	-	-	-
All hydrocephalus	-	-	-	-	-	-	-	-	-	12·93	4·31	-	-	-	-	-
All undetermined intentional or unintentional	-	-	-	0·00	0·00	-	-	-	-	1·56	0·01	0·00	0·00	0·00	-	-
All unspecified parasitic diseases	-	-	-	-	-	-	-	-	-	0·73	0·10	-	-	0·01	-	-
B19, Unspecified viral hepatitis	-	-	-	47·56	31·16	15·41	0·99	-	-	0·15	0·02	-	-	0·00	-	-
Cardiogenic shock and other shock	-	-	-	0·00	0·00	0·00	-	-	0·01	76·00	0·70	0·02	0·06	0·06	0·00	0·00
DIC, cardiac arrest, acute respiratory failure and coma	0·00	0·00	0·00	0·08	0·05	0·03	0·00	0·00	0·14	82·62	15·79	0·41	1·21	1·20	0·02	0·10
Different paralytic syndrome and palsy syndrome	0·00	0·00	0·00	0·04	0·02	0·02	-	0·00	0·14	37·10	8·64	0·10	0·27	0·23	0·02	0·05
Embolism & thrombosis	-	-	-	0·01	0·00	0·01	-	0·00	0·02	98·51	3·36	0·07	0·18	0·33	0·01	0·03
Fever, malaise, febrile and convulsions of unknown origin	-	-	-	0·02	0·01	0·01	-	0·00	0·08	68·74	22·09	0·19	0·46	1·30	0·01	0·05
GI signs and syptoms	-	-	-	0·00	-	0·00	-	-	0·00	99·94	9·42	0·00	0·94	0·00	-	-
Hypertension	-	-	-	-	-	-	-	-	-	100·00	0·00	0·00	0·00	0·00	-	-
I31.3, Pericardial effusion (noninflammatory)	-	-	-	-	-	-	-	-	-	16·66	16·66	-	-	-	-	-
Ill-defined codes from A00-B99	-	-	-	-	-	-	-	-	0·19	65·28	14·05	0·34	0·88	2·70	-	-
Ill-defined codes from D10-D36.9	-	-	-	0·06	0·02	0·04	-	-	0·17	81·77	25·86	0·60	1·84	1·55	0·03	0·12
Ill-defined codes from F32-F99	-	-	-	0·09	0·03	0·06	-	0·00	0·20	83·30	26·75	0·60	1·60	1·32	0·04	0·20
Ill-defined codes from G43-G58.9	-	-	-	0·09	0·04	0·05	-	0·00	0·20	72·83	21·68	0·51	0·93	3·83	0·03	0·11
Ill-defined codes from H00-H99	-	-	-	0·07	0·05	0·02	-	-	0·23	69·90	15·16	0·35	1·02	0·93	0·01	0·06
Ill-defined codes from J30-J35.9	-	-	-	-	-	-	-	-	0·24	57·09	12·40	0·18	0·59	1·96	-	-
Ill-defined codes from K00-K14.9	-	-	-	0·02	-	0·02	-	-	0·19	76·10	18·49	0·44	1·10	1·24	-	0·07
Ill-defined codes from L01-L98.9	-	-	-	0·06	0·03	0·03	-	-	0·19	76·59	20·82	0·58	1·39	1·52	0·03	0·10
Ill-defined codes from M09-M99	-	-	-	0·05	0·01	0·03	-	0·00	0·12	86·40	22·31	0·63	1·70	1·43	0·02	0·08
Ill-defined codes from N39.3-N97.8	-	-	-	0·04	0·02	0·02	-	0·01	0·09	87·56	21·17	0·64	1·90	1·13	0·03	0·11
Ill-defined codes from Q10-Q84.9	-	-	-	-	-	-	-	-	0·34	45·81	9·42	0·14	0·34	0·28	-	0·02
Ill-defined codes from R00-R99	0·00	0·00	0·00	0·07	0·04	0·03	0·00	0·01	0·18	75·20	19·84	0·71	1·42	1·88	0·05	0·16
Ill-defined codes from Z00-Z99	0·00	0·00	0·00	0·17	0·05	0·12	-	0·00	0·23	78·59	29·24	0·76	1·75	1·35	0·06	0·21
J81, Pulmonary oedema	-	-	-	0·00	0·00	-	-	-	0·00	94·36	0·26	0·00	0·01	0·02	0·00	0·00
K65, Peritonitis	-	-	-	-	-	-	-	-	-	87·20	0·20	-	-	0·00	-	-
N17-N19, Renal failure	-	-	-	-	-	-	-	-	0·52	96·14	3·16	0·00	0·09	0·22	-	0·00
Pneumonitis	-	-	-	-	-	-	-	-	-	58·81	-	-	-	-	-	-
Pulmonary embolism	-	-	-	-	-	-	-	-	-	92·49	-	-	-	-	-	-
R54, Senility	0·00	0·00	0·00	0·04	0·02	0·02	0·00	0·01	0·10	86·72	16·52	0·38	1·72	2·18	0·02	0·04
Septicaemia	-	-	-	-	-	-	-	-	2·93	48·49	0·29	-	-	-	-	-
Sequela of different diseases and injuries	0·00	0·00	0·00	6·94	6·46	0·48	0·00	0·00	1·47	4·17	0·01	-	0·00	-	-	-
Thorax and pleural problem	-	-	-	-	-	-	-	-	0·01	11·41	1·76	-	0·00	0·00	-	-
Unspecified liver disease	-	-	-	3·86	3·86	0·01	-	-	0·04	76·93	1·55	0·03	0·10	0·09	0·00	0·01

Web Table 4a - List of garbage code redistribution over the GBD cause list for communicable diseases, non-nommunicable diseases, and injuries

Garbage Code \ Target Cause	Gallbladder and biliary tract cancer	Pancreatic cancer	Malignant melanoma of skin	Non-melanoma skin cancer	Ovarian cancer	Testicular cancer	Kidney and other urinary organ cancers	Bladder cancer	Brain and nervous system cancers	Thyroid cancer	Hodgkin's disease	Non-Hodgkin's lymphoma	Multiple myeloma	Leukemia	Other neoplasms	Larynx cancer	Trachea, bronchus and lung cancers
All cardiac conduction disorders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·00
All disorders of electrolyte & fluid balance	0·25	0·03	0·00	0·00	0·34	0·00	0·35	0·05	0·19	0·08	0·00	0·07	0·01	0·17	0·58	0·01	0·10
All encephalopathy and cerebral oedema	-	-	-	-	-	-	-	-	0·27	-	-	-	-	-	-	-	-
All hydrocephalus	-	-	-	-	-	-	-	-	4·31	-	-	-	-	-	-	-	-
All undetermined intentional or unintentional	-	0·00	-	-	0·00	-	-	0·00	0·00	-	-	0·00	-	0·00	0·00	-	0·00
All unspecified parasitic diseases	-	-	-	-	-	-	-	-	0·02	-	-	-	-	0·04	0·01	-	0·01
B19, Unspecified viral hepatitis	-	-	-	-	-	-	-	-	0·00	-	-	-	-	0·01	0·00	-	0·00
Cardiogenic shock and other shock	0·02	0·03	0·01	0·00	0·02	0·00	0·01	0·01	0·04	0·00	0·00	0·02	0·01	0·04	0·05	0·01	0·12
DIC, cardiac arrest, acute respiratory failure and coma	0·29	0·86	0·14	0·06	0·30	0·02	0·33	0·51	0·66	0·06	0·03	0·40	0·21	0·72	0·78	0·18	3·31
Different paralytic syndrome and palsy syndrome	0·06	0·19	0·09	0·02	0·17	0·05	0·15	0·07	1·59	0·02	0·09	0·36	0·05	1·30	1·60	0·04	0·79
Embolism & thrombosis	0·06	0·16	0·03	0·01	0·08	0·00	0·08	0·08	0·09	0·01	0·01	0·09	0·05	0·11	0·22	0·03	0·56
Fever, malaise, febrile and convulsions of unknown origin	0·14	0·45	0·07	0·04	0·30	0·00	1·28	0·26	0·55	0·04	1·05	6·73	0·53	0·96	2·66	0·05	1·29
GI signs and syptoms	0·00	0·00	-	0·00	0·00	-	0·00	0·00	0·00	0·00	-	0·00	0·00	0·00	2·18	0·00	0·00
Hypertension	0·00	0·00	-	-	0·00	-	0·00	0·00	0·00	-	-	0·00	-	0·00	0·00	-	0·00
I31.3, Pericardial effusion (noninflammatory)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16·66	-	-
Ill-defined codes from A00-B99	0·27	0·46	-	0·15	0·15	-	0·11	0·15	0·61	0·04	-	0·27	0·04	0·80	0·91	0·11	2·89
Ill-defined codes from D10-D36.9	0·52	1·32	0·24	0·09	0·68	0·04	0·50	0·57	1·05	0·08	0·05	0·70	0·33	1·24	1·49	0·23	4·86
Ill-defined codes from F32-F99	0·46	1·38	0·31	0·11	0·78	0·03	0·54	0·60	1·27	0·09	0·08	0·88	0·40	1·44	1·90	0·22	4·80
Ill-defined codes from G43-G58.9	0·43	0·85	0·17	0·19	0·35	0·02	0·32	0·33	0·88	0·06	0·03	0·49	0·20	1·00	1·27	0·17	4·89
Ill-defined codes from H00-H99	0·21	0·65	0·15	0·06	0·32	0·02	0·25	0·33	0·94	0·02	0·06	0·47	0·16	1·17	1·08	0·11	2·69
Ill-defined codes from J30-J35.9	0·12	0·24	-	0·06	0·12	-	0·24	0·12	1·19	-	-	0·18	-	1·54	1·01	0·06	2·31
Ill-defined codes from K00-K14.9	0·31	0·98	0·14	0·07	0·42	0·02	0·31	0·40	0·73	0·03	0·03	0·65	0·23	1·12	1·40	0·14	3·61
Ill-defined codes from L01-L98.9	0·42	1·04	0·15	0·10	0·48	-	0·38	0·46	0·71	0·07	0·03	0·60	0·28	0·94	1·36	0·17	4·13
Ill-defined codes from M09-M99	0·50	1·27	0·19	0·12	0·56	0·01	0·45	0·60	0·60	0·09	0·03	0·66	0·37	0·89	1·15	0·18	4·42
Ill-defined codes from N39.3-N97.8	0·31	0·92	0·17	0·19	0·05	0·02	0·43	0·87	0·45	0·05	0·04	0·49	0·28	0·76	0·99	0·36	4·46
Ill-defined codes from Q10-Q84.9	0·06	0·32	0·12	-	0·22	-	0·18	0·12	1·15	-	0·02	0·32	0·06	1·21	1·03	0·04	1·53
Ill-defined codes from R00-R99	0·43	0·88	0·18	0·12	0·36	0·03	0·34	0·45	0·85	0·08	0·05	0·45	0·22	0·86	1·16	0·31	3·64
Ill-defined codes from Z00-Z99	0·46	1·48	0·46	0·10	0·98	0·05	0·60	0·49	1·43	0·10	0·11	0·90	0·40	1·26	1·63	0·26	5·85
J81, Pulmonary oedema	0·00	0·01	0·00	0·00	0·01	0·00	0·01	0·01	0·02	0·00	0·00	0·01	0·00	0·02	0·03	0·00	0·04
K65, Peritonitis	-	-	-	-	0·05	-	0·10	-	-	-	-	-	-	-	0·02	-	-
N17-N19, Renal failure	0·99	0·06	0·00	0·00	0·00	-	0·00	0·00	0·00	0·00	0·00	0·32	0·02	0·94	0·27	0·00	0·01
Pneumonitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pulmonary embolism	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R54, Senility	0·77	0·79	0·05	0·14	0·23	0·00	0·22	0·52	0·38	0·11	0·01	0·30	0·13	0·55	0·77	0·15	3·19
Septicaemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sequela of different diseases and injuries	-	0·00	-	-	-	-	-	-	-	-	-	-	-	-	0·00	-	0·00
Thorax and pleural problem	-	0·00	-	-	-	-	-	-	-	-	-	0·57	0·00	0·00	0·31	-	0·67
Unspecified liver disease	0·03	0·06	0·01	0·00	0·03	0·00	0·03	0·03	0·07	0·01	0·00	0·04	0·02	0·08	0·37	0·01	0·21

Web Table 4a - List of garbage code redistribution over the GBD cause list for communicable diseases, non-nommunicable diseases, and injuries

Garbage Code \ Target Cause	Breast cancer	Cervical cancer	Uterine cancer	Prostate cancer	Colon and rectum cancers	Mouth cancer	Cardiovascular and circulatory diseases	Rheumatic heart disease	Ischemic heart disease	Cerebrovascular disease	Ischemic stroke	Hemorrhagic and other non-ischemic stroke	Hypertensive heart disease	Cardiomyopathy and myocarditis	Atrial fibrillation and flutter	Aortic aneurysm	Peripheral vascular disease
All cardiac conduction disorders	-	-	-	-	0·00	-	92·89	-	89·89	0·00	0·00	0·00	0·00	3·00	-	-	-
All disorders of electrolyte & fluid balance	0·05	0·03	0·01	1·00	0·62	0·06	18·32	0·65	13·04	0·08	0·03	0·05	1·72	0·92	0·60	0·01	0·01
All encephalopathy and cerebral oedema	-	-	-	-	-	-	77·39	-	66·75	8·52	6·07	2·45	2·12	-	-	-	-
All hydrocephalus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All undetermined intentional or unintentional	0·00	0·00	-	0·00	0·00	-	0·02	0·00	0·01	0·01	0·00	0·00	0·00	0·00	-	-	-
All unspecified parasitic diseases	0·01	-	-	-	-	-	0·23	0·03	0·06	0·07	0·02	0·05	0·02	0·02	-	-	-
B19, Unspecified viral hepatitis	0·00	-	-	-	-	-	0·05	0·01	0·01	0·01	0·00	0·01	0·00	0·00	-	-	-
Cardiogenic shock and other shock	0·05	0·02	0·00	0·04	0·06	0·01	69·27	2·97	55·24	0·32	0·15	0·17	6·54	0·04	0·01	0·02	0·00
DIC, cardiac arrest, acute respiratory failure and coma	1·06	0·20	0·09	0·74	1·72	0·18	43·02	1·19	25·61	10·15	4·90	5·25	1·71	1·69	0·28	0·33	0·13
Different paralytic syndrome and palsy syndrome	0·51	0·18	0·03	0·09	0·44	0·07	18·51	0·22	2·17	14·73	7·76	6·97	0·25	0·43	0·03	0·09	0·02
Embolism & thrombosis	0·25	0·06	0·04	0·14	0·54	0·04	89·63	9·50	40·11	1·40	0·87	0·52	0·27	24·17	9·49	0·07	0·03
Fever, malaise, febrile and convulsions of unknown origin	0·66	0·06	0·41	0·53	1·94	0·09	26·18	2·81	8·18	7·68	3·92	3·75	0·91	0·68	0·42	0·22	0·11
GI signs and syptoms	0·00	0·00	0·00	0·00	6·29	0·00	0·02	0·00	0·01	0·00	0·00	0·00	0·00	0·00	-	0·00	-
Hypertension	0·00	0·00	-	0·00	0·00	-	98·19	0·00	47·21	28·67	8·58	20·09	21·30	0·00	0·00	0·56	-
I31.3, Pericardial effusion (noninflammatory)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ill-defined codes from A00-B99	0·76	0·42	-	0·61	1·22	0·15	28·28	1·26	14·16	7·84	3·27	4·57	1·79	1·64	0·04	0·19	0·04
Ill-defined codes from D10-D36.9	2·32	0·62	0·15	1·76	2·63	0·26	33·22	0·78	16·10	10·45	5·61	4·84	1·66	1·25	0·40	0·54	0·19
Ill-defined codes from F32-F99	2·66	0·55	0·23	1·01	2·93	0·30	35·26	0·92	16·25	10·92	6·24	4·68	1·66	1·38	0·64	0·60	0·23
Ill-defined codes from G43-G58.9	1·33	0·42	0·06	0·58	1·99	0·24	27·65	1·14	14·64	6·68	2·55	4·13	1·61	1·49	0·15	0·33	0·09
Ill-defined codes from H00-H99	1·34	0·41	0·09	0·67	1·43	0·17	31·61	1·17	14·38	9·95	4·78	5·17	1·92	1·43	0·22	0·31	0·08
Ill-defined codes from J30-J35.9	0·83	0·24	-	0·36	1·01	0·06	25·10	2·20	11·22	5·88	2·26	3·62	1·48	2·49	-	-	-
Ill-defined codes from K00-K14.9	1·47	0·44	0·10	0·87	1·99	0·19	34·40	0·75	17·90	9·77	5·58	4·19	1·62	1·13	0·52	0·56	0·21
Ill-defined codes from L01-L98.9	1·69	0·49	0·15	1·06	2·24	0·22	33·44	0·82	15·89	9·81	5·40	4·41	2·08	1·35	0·44	0·49	0·21
Ill-defined codes from M09-M99	1·72	0·35	0·16	1·31	2·60	0·22	39·11	0·61	18·97	12·77	8·33	4·44	2·01	0·96	0·73	0·70	0·33
Ill-defined codes from N39.3-N97.8	0·25	0·08	0·01	3·85	2·11	0·23	42·88	0·43	21·86	13·41	8·58	4·83	2·21	1·66	0·41	0·70	0·26
Ill-defined codes from Q10-Q84.9	1·09	0·24	0·02	0·22	0·63	0·04	12·19	0·87	4·74	3·33	1·09	2·24	0·36	1·43	0·04	0·14	0·04
Ill-defined codes from R00-R99	1·38	0·52	0·10	1·12	1·76	0·32	32·34	0·82	13·76	11·06	5·33	5·74	2·06	1·89	0·26	0·48	0·16
Ill-defined codes from Z00-Z99	3·52	0·89	0·21	0·79	2·79	0·34	27·16	0·64	13·55	7·69	3·40	4·29	1·24	1·30	0·27	0·58	0·16
J81, Pulmonary oedema	0·02	0·01	0·00	0·01	0·03	0·00	88·25	0·04	76·27	0·12	0·04	0·08	8·35	3·20	0·00	0·00	0·00
K65, Peritonitis	-	0·00	0·00	-	0·03	-	-	-	-	-	-	-	-	-	-	-	-
N17-N19, Renal failure	0·00	0·00	0·00	0·00	0·23	0·00	12·14	2·35	0·79	0·01	0·01	0·01	6·14	1·59	0·00	0·00	0·00
Pneumonitis	-	-	-	-	-	-	10·37	-	2·69	7·68	1·92	5·76	-	-	-	-	-
Pulmonary embolism	-	-	-	-	-	-	92·49	-	-	-	-	-	-	2·95	-	-	-
R54, Senility	0·71	0·27	0·07	0·71	1·85	0·27	47·52	1·51	20·60	17·55	10·29	7·26	2·80	1·31	0·44	0·46	0·15
Septicaemia	-	-	-	-	0·29	-	18·09	-	-	-	-	-	-	-	-	-	-
Sequela of different diseases and injuries	0·00	-	-	-	0·00	-	0·01	0·00	0·01	0·00	0·00	0·00	0·00	0·00	-	-	-
Thorax and pleural problem	0·20	-	-	0·00	0·00	-	0·02	-	0·01	0·01	0·00	0·00	0·00	0·00	-	-	-
Unspecified liver disease	0·09	0·03	0·01	0·04	0·13	0·01	2·06	0·06	0·88	0·57	0·31	0·26	0·12	0·09	0·02	0·03	0·01

Web Table 4a - List of garbage code redistribution over the GBD cause list for communicable diseases, non-nommunicable diseases, and injuries

Garbage Code / Target Cause	Endocarditis	Other circulatory diseases	Chronic respiratory diseases	Chronic obstructive pulmonary disease	Pneumoconiosis	Asthma	Interstitial lung disease and pulmonary sarcoidosis	Other respiratory diseases	Cirrhosis of the liver	Digestive diseases (except cirrhosis)	Peptic ulcer disease	Gastritis and duodenitis	Appendicitis	Paralytic ileus and intestinal obstruction without hernia	Inguinal or femoral hernia
All cardiac conduction disorders	-	-	0·00	0·0	-	-	-	-	-	-	-	-	-	-	-
All disorders of electrolyte & fluid balance	0·05	1·24	7·66	6·8	0·38	0·35	0·01	0·03	2·44	1·36	0·02	0·00	0·01	1·12	0·00
All encephalopathy and cerebral oedema	-	-	-	-	-	-	-	-	0·01	0·02	-	-	-	-	-
All hydrocephalus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All undetermined intentional or unintentional	-	0·00	0·00	0·0	0·00	0·00	-	0·00	0·00	0·00	-	-	-	-	-
All unspecified parasitic diseases	-	0·02	0·07	0·0	-	0·04	-	0·01	0·02	0·02	-	-	-	0·01	-
B19, Unspecified viral hepatitis	-	0·00	0·01	0·0	-	0·01	-	0·00	0·00	0·00	-	-	-	0·00	-
Cardiogenic shock and other shock	0·00	4·12	0·18	0·1	0·01	0·01	0·01	0·03	0·12	5·38	4·44	0·00	0·00	0·01	0·00
DIC, cardiac arrest, acute respiratory failure and coma	0·06	1·88	7·55	5·4	1·09	0·45	0·36	0·21	3·94	1·57	0·26	0·03	0·02	0·23	0·02
Different paralytic syndrome and palsy syndrome	0·06	0·51	0·87	0·4	0·03	0·21	0·07	0·15	0·88	0·67	0·07	0·01	0·07	0·09	0·00
Embolism & thrombosis	0·01	4·58	0·62	0·4	0·04	0·04	0·04	0·05	1·26	2·44	0·05	0·00	0·01	0·04	0·00
Fever, malaise, febrile and convulsions of unknown origin	0·58	4·60	2·82	1·6	0·16	0·22	0·13	0·66	2·29	2·71	0·15	0·01	0·02	0·23	0·01
GI signs and syptoms	0·00	0·01	0·00	0·0	0·00	0·00	0·00	0·00	61·08	29·41	2·04	-	0·16	0·87	-
Hypertension	-	0·45	0·00	0·0	0·00	0·00	0·00	0·00	0·00	0·00	0·00	-	-	0·00	-
I31.3, Pericardial effusion (noninflammatory)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ill-defined codes from A00-B99	0·04	1·29	7·54	4·0	0·38	0·65	0·11	2·40	3·50	1·71	0·27	0·04	0·04	0·19	-
Ill-defined codes from D10-D36.9	0·05	1·80	5·38	3·7	0·29	0·50	0·36	0·48	3·51	2·18	0·35	0·04	0·02	0·32	0·01
Ill-defined codes from F32-F99	0·10	2·56	5·24	3·5	0·28	0·56	0·36	0·47	2·91	2·65	0·33	0·04	0·05	0·41	0·03
Ill-defined codes from G43-G58.9	0·06	1·47	7·49	3·8	0·39	0·75	0·23	2·31	4·00	1·93	0·27	0·04	0·04	0·20	0·01
Ill-defined codes from H00-H99	0·05	2·12	4·84	3·1	0·35	0·64	0·22	0·46	3·75	1·80	0·29	0·02	0·05	0·24	0·01
Ill-defined codes from J30-J35.9	0·06	1·78	6·11	2·2	0·30	0·59	-	3·03	3·62	1·07	0·24	-	-	0·12	-
Ill-defined codes from K00-K14.9	0·07	1·87	5·56	3·9	0·19	0·49	0·33	0·63	2·95	2·09	0·35	0·02	0·05	0·30	0·02
Ill-defined codes from L01-L98.9	0·09	2·25	6·38	4·0	0·31	0·54	0·35	1·17	2·57	2·37	0·37	0·05	0·05	0·33	0·02
Ill-defined codes from M09-M99	0·04	1·98	6·93	4·8	0·33	0·65	0·46	0·61	2·07	2·82	0·51	0·07	0·03	0·43	0·04
Ill-defined codes from N39.3-N97.8	0·04	1·89	8·74	6·7	0·47	0·60	0·39	0·52	2·40	2·64	0·65	0·09	0·05	0·36	0·08
Ill-defined codes from Q10-Q84.9	0·06	1·17	2·32	1·3	0·06	0·30	0·16	0·44	1·25	0·81	0·06	-	-	0·20	-
Ill-defined codes from R00-R99	0·07	1·77	6·39	4·0	0·44	0·64	0·22	1·09	3·24	2·44	0·42	0·06	0·05	0·33	0·03
Ill-defined codes from Z00-Z99	0·08	1·65	4·42	2·9	0·22	0·48	0·42	0·38	4·33	2·16	0·33	0·04	0·05	0·27	0·02
J81, Pulmonary oedema	0·00	0·27	0·07	0·0	0·00	0·01	0·00	0·02	0·05	0·03	0·00	0·00	0·00	0·00	-
K65, Peritonitis	-	-	-	-	-	-	-	-	3·59	74·33	8·20	-	18·9	17·24	5·31
N17-N19, Renal failure	0·31	0·94	0·77	0·6	0·10	0·00	0·01	0·00	1·81	0·35	0·00	-	0·16	0·00	-
Pneumonitis	-	-	23·99	23·99	-	-	-	-	-	-	-	-	-	-	-
Pulmonary embolism	-	89·54	-	-	-	-	-	-	-	-	-	-	-	-	-
R54, Senility	0·05	2·65	9·18	5·5	0·67	1·33	0·25	1·38	2·41	2·85	0·47	0·10	0·03	0·38	0·03
Septicaemia	5·10	12·99	0·25	-	-	-	-	0·25	-	13·59	-	-	0·81	-	-
Sequela of different diseases and injuries	-	0·00	0·00	0·0	-	-	-	-	3·15	0·00	-	-	-	-	-
Thorax and pleural problem	-	0·00	4·38	1·6	2·24	0·15	0·00	0·29	3·62	-	-	-	-	-	-
Unspecified liver disease	0·01	0·28	0·27	0·1	0·02	0·03	0·02	0·02	54·74	9·02	0·02	0·00	3·35	0·02	0·00

Web Table 4a - List of garbage code redistribution over the GBD cause list for communicable diseases, non-nommunicable diseases, and injuries

Garbage Code \ Target Cause	Noninfective inflammatory bowel disease	Vascular disorders of intestine	Gall bladder and bile duct disease	Pancreatitis	Other digestive diseases	Neurological disorders	Alzheimer's disease and other dementias	Parkinson's disease	Epilepsy	Multiple sclerosis	Other neurological disorders	Mental and behavioral disorders	Schizophrenia	Alcohol use disorders	Drug use disorders	Opioid use disorders
All cardiac conduction disorders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All disorders of electrolyte & fluid balance	0·01	0·00	0·01	0·10	0·08	2·06	1·37	0·58	0·05	0·03	0·04	7·39	0·01	0·02	0·00	0·00
All encephalopathy and cerebral oedema	-	-	-	0·02	-	0·38	0·04	-	-	-	0·33	6·84	-	0·97	5·87	3·44
All hydrocephalus	-	-	-	-	-	1·25	-	-	-	-	1·25	-	-	-	-	-
All undetermined intentional or unintentional	-	-	-	-	0·00	0·00	0·00	-	0·00	-	0·00	1·52	-	1·52	-	-
All unspecified parasitic diseases	-	-	-	-	0·01	0·04	-	-	0·02	-	0·02	-	-	-	-	-
B19, Unspecified viral hepatitis	-	-	-	-	0·00	0·01	-	-	0·00	-	0·00	-	-	-	-	-
Cardiogenic shock and other shock	0·00	0·01	0·01	0·01	0·88	0·09	0·05	0·01	0·01	0·00	0·02	0·02	0·00	0·02	0·00	-
DIC, cardiac arrest, acute respiratory failure and coma	0·07	0·17	0·14	0·15	0·48	2·28	1·43	0·27	0·16	0·05	0·37	0·39	0·02	0·29	0·03	0·01
Different paralytic syndrome and palsy syndrome	0·04	0·05	0·05	0·11	0·17	1·70	0·16	0·05	0·43	0·04	1·01	0·38	0·02	0·21	0·13	0·05
Embolism & thrombosis	0·02	0·05	0·03	2·01	0·23	0·42	0·27	0·06	0·02	0·01	0·05	0·07	0·00	0·05	0·01	0·00
Fever, malaise, febrile and convulsions of unknown origin	0·57	0·18	0·13	0·13	1·29	3·46	0·03	0·03	2·88	0·03	0·49	0·03	0·00	0·02	0·00	0·00
GI signs and syptoms	-	0·00	1·23	2·85	22·26	0·00	0·00	0·00	0·00	-	0·00	0·00	-	0·00	-	-
Hypertension	-	0·00	0·00	0·00	0·00	0·00	0·00	0·00	-	-	0·00	-	-	-	-	-
I31.3, Pericardial effusion (noninflammatory)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ill-defined codes from A00-B99	0·08	0·11	0·27	0·11	0·61	1·60	0·53	0·08	0·38	-	0·61	0·42	-	0·38	0·04	-
Ill-defined codes from D10-D36.9	0·09	0·31	0·26	0·24	0·54	3·31	1·99	0·40	0·28	0·09	0·54	0·54	0·02	0·42	0·05	0·02
Ill-defined codes from F32-F99	0·15	0·36	0·30	0·25	0·74	4·51	2·92	0·61	0·29	0·11	0·56	0·53	0·04	0·38	0·07	0·02
Ill-defined codes from G43-G58.9	0·12	0·15	0·30	0·15	0·66	2·22	0·98	0·18	0·31	0·07	0·68	0·67	0·03	0·50	0·11	0·02
Ill-defined codes from H00-H99	0·08	0·18	0·18	0·23	0·51	2·70	1·41	0·19	0·42	0·03	0·64	0·41	0·01	0·34	0·05	0·02
Ill-defined codes from J30-J35.9	0·12	-	0·06	0·06	0·47	1·84	0·30	-	0·59	-	0·95	0·42	-	0·36	0·06	-
Ill-defined codes from K00-K14.9	0·10	0·24	0·23	0·21	0·58	4·54	3·33	0·44	0·28	0·03	0·45	0·49	-	0·44	0·02	-
Ill-defined codes from L01-L98.9	0·11	0·28	0·26	0·20	0·70	3·05	1·88	0·39	0·25	0·06	0·47	0·38	0·01	0·30	0·02	0·00
Ill-defined codes from M09-M99	0·14	0·40	0·35	0·19	0·66	5·66	4·43	0·65	0·15	0·06	0·37	0·32	0·03	0·23	0·01	0·00
Ill-defined codes from N39.3-N97.8	0·07	0·35	0·31	0·19	0·49	3·01	2·00	0·62	0·11	0·03	0·26	0·36	0·02	0·27	0·00	-
Ill-defined codes from Q10-Q84.9	0·06	0·08	0·02	0·06	0·32	2·02	0·48	0·04	0·44	0·02	1·03	0·26	-	0·20	0·04	0·02
Ill-defined codes from R00-R99	0·10	0·28	0·31	0·27	0·59	2·28	1·20	0·26	0·32	0·06	0·45	0·72	0·03	0·58	0·06	0·01
Ill-defined codes from Z00-Z99	0·12	0·27	0·22	0·34	0·49	2·97	1·31	0·28	0·42	0·23	0·74	1·27	0·05	0·90	0·24	0·09
J81, Pulmonary oedema	0·00	0·00	0·00	0·00	0·01	0·04	0·01	0·00	0·01	0·00	0·01	0·03	0·00	0·03	0·00	0·00
K65, Peritonitis	4·69	-	3·47	2·57	13·84	-	-	-	-	-	-	-	-	-	-	-
N17-N19, Renal failure	0·00	0·00	0·12	0·01	0·06	0·16	0·00	0·00	0·00	0·00	0·15	0·00	-	0·00	-	-
Pneumonitis	-	-	-	-	-	23·99	-	19·19	4·80	-	-	-	-	-	-	-
Pulmonary embolism	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R54, Senility	0·12	0·21	0·46	0·12	0·93	1·56	0·80	0·32	0·08	0·01	0·35	0·01	0·00	0·01	0·00	0·00
Septicaemia	-	-	0·57	-	12·21	0·43	-	-	-	-	0·43	-	-	-	-	-
Sequela of different diseases and injuries	-	-	-	-	0·00	0·85	-	-	-	-	0·85	0·15	-	0·15	-	-
Thorax and pleural problem	-	-	-	-	-	0·00	0·00	-	-	-	-	-	-	-	-	-
Unspecified liver disease	2·46	0·46	0·59	0·01	2·11	1·11	0·07	0·02	0·02	0·00	0·99	3·02	0·00	0·45	2·57	1·54

Web Table 4a - List of garbage code redistribution over the GBD cause list for communicable diseases, non-nommunicable diseases, and injuries

Garbage Code \ Target Cause	Cocaine use disorders	Amphetamine use disorders	Cannabis use disorders	Other drug use disorders	Eating disorders	Other mental and behavioral disorders	Diabetes, urogenital, blood, and endocrine diseases	Diabetes mellitus	Acute glomerulonephrities	Chronic kidney diseases	Chronic kidney disease due to diabetes mellitus	Chronic kidney disease due to hypertension	Chronic kidney disease unspecified	Urinary diseases	Urolithiasis
All cardiac conduction disorders	-	-	-	-	-	-	1·00	0·00	-	-	-	-	-	-	-
All disorders of electrolyte & fluid balance	0·00	-	-	0·00	7·36	0·01	7·54	6·41	0·00	0·11	0·02	0·00	0·08	0·02	0·00
All encephalopathy and cerebral oedema	-	-	2·43	-	-	-	1·30	1·06	-	0·04	0·04	-	-	-	-
All hydrocephalus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All undetermined intentional or unintentional	-	-	-	-	-	-	0·00	0·00	-	0·00	0·00	0·00	0·00	0·00	-
All unspecified parasitic diseases	-	-	-	-	-	-	0·07	0·02	-	0·01	-	0·01	-	0·01	-
B19, Unspecified viral hepatitis	-	-	-	-	-	-	0·01	0·00	-	0·00	-	0·00	-	0·00	-
Cardiogenic shock and other shock	-	-	-	0·00	-	0·00	0·18	0·11	-	0·04	0·01	0·00	0·02	0·01	0·00
DIC, cardiac arrest, acute respiratory failure and coma	0·00	0·00	0·00	0·02	0·00	0·05	7·47	4·64	0·01	0·49	0·17	0·06	0·26	0·08	0·01
Different paralytic syndrome and palsy syndrome	0·01	0·00	0·00	0·06	0·01	0·02	2·03	0·70	0·01	0·50	0·25	0·10	0·14	0·06	0·01
Embolism & thrombosis	0·00	-	0·00	0·00	0·00	0·01	0·63	0·35	0·00	0·19	0·10	0·01	0·08	0·02	0·00
Fever, malaise, febrile and convulsions of unknown origin	-	-	0·00	-	-	0·00	4·55	2·85	0·01	0·55	0·16	0·05	0·34	0·07	0·01
GI signs and syptoms	-	-	-	-	-	-	0·01	0·01	-	0·00	0·00	-	0·00	0·00	-
Hypertension	-	-	-	-	-	-	1·80	0·00	-	1·80	1·80	-	0·00	0·00	-
I31.3, Pericardial effusion (noninflammatory)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ill-defined codes from A00-B99	-	-	-	0·04	-	-	6·36	4·72	-	0·72	0·15	0·23	0·34	0·19	0·08
Ill-defined codes from D10-D36.9	-	-	-	0·03	0·00	0·04	5·69	3·76	-	0·85	0·35	0·08	0·42	0·12	0·01
Ill-defined codes from F32-F99	0·01	-	-	0·04	0·01	0·04	4·38	1·93	0·01	1·40	0·69	0·08	0·63	0·13	0·01
Ill-defined codes from G43-G58.9	0·01	0·01	-	0·08	0·00	0·03	6·21	4·33	0·01	0·75	0·17	0·30	0·28	0·27	0·08
Ill-defined codes from H00-H99	-	-	-	0·02	-	0·01	6·10	3·44	0·01	0·74	0·25	0·15	0·34	0·59	0·01
Ill-defined codes from J30-J35.9	-	-	-	0·06	-	-	4·63	2·97	-	0·53	0·06	0·36	0·12	0·12	0·06
Ill-defined codes from K00-K14.9	-	-	-	0·02	-	0·03	5·90	3·80	0·03	1·17	0·44	0·17	0·56	0·14	-
Ill-defined codes from L01-L98.9	-	-	-	0·02	0·00	0·05	6·22	3·97	-	1·24	0·53	0·12	0·59	0·19	0·01
Ill-defined codes from M09-M99	-	-	-	0·01	0·00	0·06	6·25	4·09	0·00	1·25	0·44	0·07	0·74	0·16	0·02
Ill-defined codes from N39.3-N97.8	0·00	-	-	0·00	0·00	0·06	5·80	3·90	0·01	1·11	0·48	0·08	0·56	0·24	0·03
Ill-defined codes from Q10-Q84.9	-	-	-	0·02	-	0·02	3·07	1·09	-	0·20	0·06	0·02	0·12	0·02	-
Ill-defined codes from R00-R99	0·00	0·00	0·00	0·03	0·00	0·05	6·29	4·26	0·01	0·85	0·30	0·09	0·45	0·20	0·03
Ill-defined codes from Z00-Z99	0·02	0·01	0·00	0·13	0·02	0·06	5·25	3·12	0·01	0·77	0·33	0·09	0·36	0·15	0·02
J81, Pulmonary oedema	-	-	-	0·00	-	0·00	5·53	0·03	0·28	5·18	0·14	0·50	4·54	0·00	0·00
K65, Peritonitis	-	-	-	-	-	-	9·09	-	-	8·71	-	-	8·71	0·20	-
N17-N19, Renal failure	-	-	-	-	0·00	0·00	76·32	0·00	0·39	72·46	57·32	7·71	7·42	2·64	0·17
Pneumonitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pulmonary embolism	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R54, Senility	0·00	0·00	0·00	0·00	0·00	0·00	6·65	4·28	0·01	0·99	0·23	0·20	0·56	0·26	0·05
Septicaemia	-	-	-	-	-	-	10·03	0·20	-	9·27	-	-	9·27	0·42	-
Sequela of different diseases and injuries	-	-	-	-	-	-	0·00	0·00	-	-	-	-	-	-	-
Thorax and pleural problem	-	-	-	-	-	-	0·11	0·00	-	-	-	-	-	-	-
Unspecified liver disease	0·15	0·15	0·15	0·59	0·00	0·00	5·02	0·15	0·00	0·11	0·06	0·02	0·03	0·01	0·00

Web Table 4a - List of garbage code redistribution over the GBD cause list for communicable diseases, non-nommunicable diseases, and injuries

Garbage Code \ Target Cause	Other urinary diseases	Gynecological diseases	Uterine fibroids	Polycystic ovarian syndrome	Endometriosis	Genital prolapse	Other gynecological disorders	Hemoglobinopathies and other hemolytic anemias	Thalassemias	Sickle cell disorders	G6PD deficiency	Other hemoglobinopathies and hemolytic anemias	Other endocrine, nutritional, blood and immune disorders	Other non-communicable diseases
All cardiac conduction disorders	-	-	-	-	-	-	-	1·00	-	-	-	-	1·00	0·12
All disorders of electrolyte & fluid balance	0·02	0·00	0·00	-	-	-	0·00	1·01	0·02	0·02	0·01	0·08	0·89	0·56
All encephalopathy and cerebral oedema	-	-	-	-	-	-	-	0·20	-	-	-	-	0·20	-
All hydrocephalus	-	-	-	-	-	-	-	-	-	-	-	-	-	7·37
All undetermined intentional or unintentional	0·00	-	-	-	-	-	-	0·00	-	-	-	-	0·00	0·00
All unspecified parasitic diseases	0·01	-	-	-	-	-	-	0·03	-	-	-	0·01	0·02	0·17
B19, Unspecified viral hepatitis	0·00	-	-	-	-	-	-	0·01	-	-	-	0·00	0·00	0·03
Cardiogenic shock and other shock	0·00	0·00	-	-	-	-	0·00	0·03	0·00	0·00	-	0·01	0·02	0·06
DIC, cardiac arrest, acute respiratory failure and coma	0·07	0·01	0·00	-	0·00	0·00	0·01	2·24	0·03	0·02	0·02	0·12	2·06	0·60
Different paralytic syndrome and palsy syndrome	0·05	0·01	0·00	-	0·00	0·00	0·01	0·74	0·01	0·05	0·00	0·15	0·53	3·43
Embolism & thrombosis	0·01	0·00	-	-	-	-	0·00	0·08	0·00	0·00	0·00	0·01	0·06	0·08
Fever, malaise, febrile and convulsions of unknown origin	0·06	0·01	0·00	-	-	0·00	0·01	1·07	0·01	0·03	0·00	0·08	0·95	4·61
GI signs and syptoms	0·00	-	-	-	-	-	-	0·00	-	-	-	0·00	0·00	0·00
Hypertension	0·00	-	-	-	-	-	-	0·00	-	-	-	-	0·00	0·00
I31.3, Pericardial effusion (noninflammatory)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ill-defined codes from A00-B99	0·11	-	-	-	-	-	-	0·72	0·04	-	-	0·08	0·61	1·83
Ill-defined codes from D10-D36.9	0·11	0·00	-	-	-	-	0·00	0·97	0·01	0·01	-	0·14	0·80	2·09
Ill-defined codes from F32-F99	0·11	0·02	0·00	-	-	0·00	0·01	0·89	0·02	0·04	0·01	0·17	0·65	1·07
Ill-defined codes from G43-G58.9	0·19	0·01	-	-	-	-	0·01	0·84	0·05	0·02	0·00	0·09	0·69	0·97
Ill-defined codes from H00-H99	0·58	0·03	-	-	-	-	0·03	1·27	0·02	0·03	0·01	0·18	1·02	3·53
Ill-defined codes from J30-J35.9	0·06	-	-	-	-	-	-	1·01	0·06	-	-	0·06	0·89	1·90
Ill-defined codes from K00-K14.9	0·14	-	-	-	-	-	-	0·75	-	-	-	0·10	0·65	1·69
Ill-defined codes from L01-L98.9	0·18	0·00	-	-	-	-	0·00	0·81	0·01	0·01	-	0·14	0·63	1·37
Ill-defined codes from M09-M99	0·14	0·01	-	-	-	0·00	0·01	0·73	0·01	0·01	0·00	0·14	0·57	0·93
Ill-defined codes from N39.3-N97.8	0·21	-	-	-	-	-	-	0·54	0·01	0·01	0·01	0·11	0·40	0·57
Ill-defined codes from Q10-Q84.9	0·02	-	-	-	-	-	-	1·76	0·06	0·02	0·06	0·26	1·35	14·47
Ill-defined codes from R00-R99	0·17	0·02	0·00	0·00	0·00	0·00	0·01	0·95	0·03	0·03	0·01	0·19	0·69	1·66
Ill-defined codes from Z00-Z99	0·13	0·03	0·01	-	0·00	0·00	0·02	1·16	0·02	0·04	0·01	0·14	0·96	1·78
J81, Pulmonary oedema	0·00	0·00	-	-	-	-	0·00	0·03	0·00	0·00	0·00	0·01	0·02	0·10
K65, Peritonitis	0·20	0·18	-	-	0·08	-	0·10	-	-	-	-	-	-	-
N17-N19, Renal failure	2·47	-	-	-	-	-	-	0·82	-	-	-	0·00	0·82	1·43
Pneumonitis	-	-	-	-	-	-	-	-	-	-	-	-	-	0·47
Pulmonary embolism	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R54, Senility	0·20	0·01	0·00	0·00	0·00	0·00	0·01	1·09	0·06	0·01	0·01	0·17	0·84	0·02
Septicaemia	0·42	-	-	-	-	-	-	0·14	-	-	-	-	0·14	5·81
Sequela of different diseases and injuries	-	-	-	-	-	-	-	-	-	-	-	-	-	0·00
Thorax and pleural problem	-	-	-	-	-	-	-	0·10	-	-	-	-	0·10	1·52
Unspecified liver disease	0·01	0·00	-	-	-	-	0·00	4·75	0·00	1·26	0·00	0·01	3·47	0·14

Web Table 4a - List of garbage code redistribution over the GBD cause list for communicable diseases, non-nommunicable diseases, and injuries

Garbage Code \ Target Cause	Congenital anomalies	Neural tube defects	Congenital heart anomalies	Cleft lip and cleft palate	Down's syndrome	Other chromosomal abnormalities	Other congenital anomalies	Skin and subcutaneous diseases	Eczema	Other skin and subcutaneous diseases	Musculoskeletal disorders	Rheumatoid arthritis	Low back and neck pain	Other musculoskeletal disorders	Sense organ diseases	Other sense organ disorders
All cardiac conduction disorders	0·12	-	0·12	-	-	-	-	-	-	-	-	-	-	-	-	-
All disorders of electrolyte & fluid balance	0·32	0·01	0·27	0·00	0·00	0·00	0·04	0·19	0·00	0·19	0·02	0·01	-	0·02	-	-
All encephalopathy and cerebral oedema	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
All hydrocephalus	7·37	7·24	-	-	-	-	0·14	-	-	-	-	-	-	-	-	-
All undetermined intentional or unintentional	0·00	-	0·00	-	-	-	0·00	-	-	-	0·00	-	-	0·00	-	-
All unspecified parasitic diseases	0·17	0·02	0·12	-	-	-	0·03	-	-	-	-	-	-	-	-	-
B19, Unspecified viral hepatitis	0·03	0·00	0·02	-	-	-	0·01	-	-	-	-	-	-	-	-	-
Cardiogenic shock and other shock	0·04	0·00	0·02	-	0·00	0·00	0·01	0·01	-	0·01	0·02	0·00	-	0·01	-	-
DIC, cardiac arrest, acute respiratory failure and coma	0·22	0·01	0·15	0·00	0·00	0·00	0·06	0·13	0·00	0·13	0·23	0·06	0·00	0·17	0·00	0·00
Different paralytic syndrome and palsy syndrome	3·03	1·20	0·55	0·00	0·06	0·02	1·20	0·07	0·00	0·07	0·33	0·02	-	0·31	0·01	0·01
Embolism & thrombosis	0·00	0·00	0·00	-	-	-	0·00	0·02	-	0·02	0·05	0·01	-	0·04	0·00	0·00
Fever, malaise, febrile and convulsions of unknown origin	0·38	0·00	0·34	-	0·00	0·00	0·03	0·02	-	0·02	4·19	1·21	-	2·99	0·00	0·00
GI signs and syptoms	-	-	-	-	-	-	-	0·00	-	0·00	0·00	-	-	0·00	-	-
Hypertension	0·00	-	0·00	-	-	-	0·00	-	-	-	-	-	-	-	-	-
I31.3, Pericardial effusion (noninflammatory)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ill-defined codes from A00-B99	1·48	0·11	0·95	-	0·04	-	0·38	0·15	-	0·15	0·15	-	-	0·15	-	-
Ill-defined codes from D10-D36.9	1·30	0·11	0·65	-	0·04	0·06	0·44	0·18	-	0·18	0·47	0·09	-	0·38	-	-
Ill-defined codes from F32-F99	0·52	0·03	0·30	-	0·02	0·01	0·15	0·13	-	0·13	0·41	0·05	-	0·36	-	-
Ill-defined codes from G43-G58.9	0·47	0·03	0·28	-	0·02	0·01	0·12	0·18	0·00	0·18	0·29	0·05	-	0·24	-	-
Ill-defined codes from H00-H99	2·53	0·26	1·36	-	0·09	0·08	0·73	0·17	-	0·17	0·46	0·02	-	0·43	-	-
Ill-defined codes from J30-J35.9	1·66	0·06	1·13	-	-	-	0·47	0·06	-	0·06	0·18	-	-	0·18	-	-
Ill-defined codes from K00-K14.9	0·94	0·10	0·58	-	-	0·02	0·24	0·21	-	0·21	0·51	0·09	-	0·42	-	-
Ill-defined codes from L01-L98.9	0·69	0·06	0·40	-	0·02	0·02	0·19	0·23	-	0·23	0·40	0·08	-	0·32	-	-
Ill-defined codes from M09-M99	0·03	0·00	0·02	-	-	-	0·01	0·31	-	0·31	0·60	0·15	-	0·45	-	-
Ill-defined codes from N39.3-N97.8	0·02	0·00	0·01	-	-	0·00	0·01	0·23	-	0·23	0·32	0·09	0·00	0·23	0·00	0·00
Ill-defined codes from Q10-Q84.9	12·98	0·85	6·70	-	0·18	0·54	4·70	0·02	-	0·02	0·22	0·02	-	0·20	-	-
Ill-defined codes from R00-R99	0·95	0·08	0·52	0·00	0·03	0·02	0·29	0·29	0·00	0·29	0·34	0·07	0·00	0·27	0·00	0·00
Ill-defined codes from Z00-Z99	0·94	0·08	0·48	0·00	0·03	0·04	0·31	0·17	0·00	0·17	0·58	0·11	0·00	0·46	0·00	0·00
J81, Pulmonary oedema	0·09	0·00	0·06	-	0·00	0·00	0·02	0·00	-	0·00	0·01	0·00	-	0·01	-	-
K65, Peritonitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N17-N19, Renal failure	0·31	-	0·00	-	-	-	0·31	0·49	-	0·49	0·32	0·00	-	0·32	0·31	0·31
Pneumonitis	0·47	-	0·47	-	-	-	-	-	-	-	-	-	-	-	-	-
Pulmonary embolism	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R54, Senility	0·01	0·00	0·01	0·00	0·00	0·00	0·00	0·00	0·00	0·00	0·01	0·00	0·00	0·00	0·00	0·00
Septicaemia	-	-	-	-	-	-	-	0·95	-	0·95	4·46	-	-	4·46	0·40	0·40
Sequela of different diseases and injuries	-	-	-	-	-	-	-	0·00	-	0·00	-	-	-	-	-	-
Thorax and pleural problem	0·00	-	-	-	-	-	0·00	0·06	-	0·06	1·46	1·45	-	0·01	-	-
Unspecified liver disease	0·10	0·01	0·05	-	0·00	0·00	0·03	0·01	-	0·01	0·03	0·01	-	0·02	0·00	0·00

Web Table 4a - List of garbage code redistribution over the GBD cause list for communicable diseases, non-nommunicable diseases, and injuries

Garbage Code	Target Cause: Sudden infant death syndrome	Injuries	Transport injuries	Road injury	Pedestrian injury by road vehicle	Pedal cycle vehicle	Motorized vehicle with two wheels	Motorized vehicle with three or more wheels	Road injury other	Other transport injury	Unintentional injuries other than transport injuries	Falls	Drowning	Fire, heat and hot substances	Poisonings
All cardiac conduction disorders	-	4·99	-	-	-	-	-	-	-	-	4·99	-	-	-	-
All disorders of electrolyte & fluid balance	0·02	22·96	2·52	2·38	1·14	0·15	0·11	0·93	0·06	0·15	19·25	4·66	0·02	8·82	0·00
All encephalopathy and cerebral oedema	-	5·50	1·21	1·16	0·43	0·05	0·11	0·55	0·02	0·06	3·22	0·77	0·45	0·16	0·45
All hydrocephalus	-	78·70	26·86	25·61	10·98	1·63	1·54	10·92	0·54	1·25	23·69	20·30	0·16	-	-
All undetermined intentional or unintentional	-	98·44	0·93	0·82	0·57	0·02	0·05	0·18	-	0·11	34·96	2·56	11·03	5·01	4·18
All unspecified parasitic diseases	-	0·18	0·02	0·02	0·01	-	-	0·01	-	-	0·14	0·01	0·08	0·01	-
B19, Unspecified viral hepatitis	-	0·04	0·00	0·00	0·00	-	-	0·00	-	-	0·03	0·00	0·02	0·00	-
Cardiogenic shock and other shock	0·00	22·73	8·37	7·83	2·96	0·63	0·57	3·46	0·21	0·54	9·70	7·83	0·13	0·01	0·01
DIC, cardiac arrest, acute respiratory failure and coma	0·01	5·65	1·15	1·03	0·29	0·06	0·08	0·57	0·03	0·12	2·89	0·55	0·26	0·10	0·91
Different paralytic syndrome and palsy syndrome	-	52·33	27·46	25·84	8·39	0·99	3·46	12·47	0·54	1·62	10·57	2·63	1·90	0·38	0·37
Embolism & thrombosis	-	0·74	0·18	0·16	0·05	0·01	0·01	0·09	0·00	0·01	0·31	0·14	0·03	0·02	0·02
Fever, malaise, febrile and convulsions of unknown origin	0·02	5·12	0·62	0·59	0·19	0·02	0·05	0·31	0·01	0·04	3·09	0·25	0·54	0·15	0·18
GI signs and syptoms	-	0·00	0·00	0·00	-	-	-	0·00	-	-	0·00	-	0·00	0·00	0·00
Hypertension	-	0·00	0·00	0·00	-	-	-	0·00	-	-	0·00	0·00	0·00	-	0·00
I31.3, Pericardial effusion (noninflammatory)	-	66·69	-	-	-	-	-	-	-	-	66·69	-	-	-	-
Ill-defined codes from A00-B99	0·04	10·35	4·11	3·92	1·22	-	0·38	2·32	-	0·19	3·01	0·38	1·41	0·15	0·08
Ill-defined codes from D10-D36.9	0·14	7·87	2·08	1·98	0·64	0·08	0·22	1·02	0·02	0·10	2·64	0·78	0·62	0·19	0·16
Ill-defined codes from F32-F99	0·01	8·61	2·22	2·07	0·52	0·10	0·26	1·17	0·03	0·15	2·80	0·59	0·61	0·19	0·31
Ill-defined codes from G43-G58.9	0·03	11·68	3·98	3·79	1·01	0·05	0·55	2·16	0·03	0·18	3·36	0·58	1·33	0·19	0·26
Ill-defined codes from H00-H99	0·38	10·75	2·63	2·52	0·93	0·10	0·27	1·18	0·03	0·11	3·63	0·64	1·24	0·26	0·17
Ill-defined codes from J30-J35.9	-	17·15	5·93	5·70	2·26	-	0·47	2·97	-	0·24	5·28	0·53	2·20	0·36	0·12
Ill-defined codes from K00-K14.9	0·03	9·79	3·19	3·07	1·24	0·05	0·24	1·50	0·03	0·12	3·05	0·82	1·08	0·17	0·05
Ill-defined codes from L01-L98.9	0·05	7·20	2·11	2·01	0·58	0·05	0·25	1·11	0·02	0·09	2·54	0·68	0·66	0·16	0·08
Ill-defined codes from M09-M99	-	3·56	0·70	0·68	0·25	0·03	0·08	0·31	0·01	0·02	1·67	0·86	0·21	0·09	0·05
Ill-defined codes from N39.3-N97.8	0·00	2·93	0·62	0·60	0·33	0·04	0·03	0·18	0·02	0·02	1·41	0·75	0·13	0·09	0·05
Ill-defined codes from Q10-Q84.9	1·25	11·04	3·49	3·33	0·87	0·14	0·32	2·00	-	0·16	4·16	0·48	1·23	0·34	0·16
Ill-defined codes from R00-R99	0·07	8·61	2·36	2·25	0·76	0·09	0·37	0·99	0·04	0·11	2·75	0·80	0·72	0·18	0·11
Ill-defined codes from Z00-Z99	0·08	11·58	2·82	2·65	0·71	0·13	0·35	1·41	0·05	0·17	3·32	0·81	0·65	0·28	0·47
J81, Pulmonary oedema	0·00	5·27	1·16	1·09	0·49	0·05	0·06	0·46	0·03	0·07	2·74	1·03	0·27	0·28	0·10
K65, Peritonitis	-	11·66	0·97	0·92	0·37	0·07	0·06	0·40	0·02	0·05	8·52	1·05	0·01	-	-
N17-N19, Renal failure	-	0·51	0·01	0·01	0·00	0·00	0·00	0·01	0·00	0·00	0·49	0·01	0·00	0·17	0·00
Pneumonitis	-	41·19	-	-	-	-	-	-	-	-	41·19	-	-	-	-
Pulmonary embolism	-	7·16	2·80	2·62	1·07	0·21	0·16	1·11	0·07	0·18	4·36	4·34	0·02	-	-
R54, Senility	0·00	0·67	0·10	0·09	0·03	0·00	0·00	0·06	0·00	0·01	0·39	0·01	0·03	0·00	0·00
Septicaemia	-	22·43	5·98	5·64	2·11	0·33	0·54	2·54	0·13	0·34	15·02	6·76	0·05	1·69	-
Sequela of different diseases and injuries	-	74·33	15·38	14·54	4·29	1·02	1·90	6·52	0·80	0·83	46·00	14·82	0·53	4·86	0·44
Thorax and pleural problem	-	31·71	6·51	6·14	2·45	0·44	0·66	2·42	0·18	0·36	16·92	3·26	0·65	0·54	0·15
Unspecified liver disease	0·01	6·32	0·28	0·26	0·07	0·02	0·02	0·14	0·01	0·02	5·58	0·06	0·09	0·03	4·66

Web Table 4a - List of garbage code redistribution over the GBD cause list for communicable diseases, non-nommunicable diseases, and injuries

Garbage Code \ Target Cause	Exposure to mechanical forces	Mechanical forces (firearm)	Mechanical forces (other)	Adverse effects of medical treatment	Animal contact	Animal contact (venomous)	Animal contact (non-venomous)	Unintentional injuries not classified elsewhere	Self-harm and interpersonal violence	Self-harm	Interpersonal violence	Assault by firearm	Assault by sharp object
All cardiac conduction disorders	-	-	-	4·99	-	-	-	-	-	-	-	-	-
All disorders of electrolyte & fluid balance	0·69	0·40	0·29	3·90	0·10	0·10	-	1·06	0·14	0·00	0·14	0·01	0·00
All encephalopathy and cerebral oedema	0·15	0·07	0·08	0·40	0·04	0·02	0·01	0·81	1·00	0·68	0·32	0·14	0·08
All hydrocephalus	2·55	0·60	1·95	-	0·30	-	0·30	0·38	28·10	15·42	12·68	7·37	3·36
All undetermined intentional or unintentional	9·74	7·02	2·73	0·00	0·08	0·08	-	2·35	62·55	31·09	31·46	16·67	6·09
All unspecified parasitic diseases	-	-	-	-	0·01	0·01	-	0·02	0·02	-	0·02	0·01	0·01
B19, Unspecified viral hepatitis	-	-	-	-	0·00	0·00	-	0·00	0·00	-	0·00	0·00	0·00
Cardiogenic shock and other shock	1·28	0·58	0·71	0·01	0·08	0·00	0·08	0·35	4·36	1·62	2·74	1·74	0·71
DIC, cardiac arrest, acute respiratory failure and coma	0·12	0·04	0·08	0·69	0·01	0·01	0·01	0·27	1·52	1·04	0·48	0·14	0·08
Different paralytic syndrome and palsy syndrome	3·61	1·15	2·46	0·15	0·39	0·05	0·34	1·13	10·04	3·45	6·59	4·00	1·43
Embolism & thrombosis	0·02	0·01	0·01	0·03	0·00	0·00	0·00	0·06	0·24	0·16	0·08	0·05	0·02
Fever, malaise, febrile and convulsions of unknown origin	0·09	0·04	0·06	1·53	0·02	0·02	0·01	0·32	1·35	0·91	0·44	0·21	0·08
GI signs and syptoms	-	-	-	0·00	0·00	0·00	-	0·00	0·00	0·00	-	-	-
Hypertension	-	-	-	-	-	-	-	0·00	-	-	-	-	-
I31.3, Pericardial effusion (noninflammatory)	-	-	-	66·69	-	-	-	-	-	-	-	-	-
Ill-defined codes from A00-B99	0·15	0·08	0·08	0·08	0·04	0·04	-	0·72	3·16	1·60	1·56	1·22	0·19
Ill-defined codes from D10-D36.9	0·12	0·03	0·09	0·14	0·01	0·01	0·00	0·62	3·06	1·91	1·15	0·72	0·23
Ill-defined codes from F32-F99	0·16	0·05	0·11	0·13	0·02	0·01	0·00	0·78	3·49	2·18	1·31	0·87	0·26
Ill-defined codes from G43-G58.9	0·22	0·09	0·13	0·09	0·06	0·05	0·01	0·63	4·22	2·63	1·60	1·18	0·25
Ill-defined codes from H00-H99	0·18	0·08	0·10	0·17	0·06	0·05	0·01	0·90	4·36	1·43	2·93	1·92	0·69
Ill-defined codes from J30-J35.9	0·83	0·53	0·30	0·06	0·06	0·06	-	1·13	5·76	3·15	2·61	1·96	0·36
Ill-defined codes from K00-K14.9	0·16	0·07	0·09	0·16	0·05	0·05	-	0·56	3·45	1·36	2·09	1·40	0·47
Ill-defined codes from L01-L98.9	0·12	0·06	0·07	0·20	0·02	0·02	-	0·62	2·48	1·28	1·19	0·76	0·28
Ill-defined codes from M09-M99	0·05	0·02	0·03	0·10	0·01	0·01	0·00	0·30	1·14	0·72	0·42	0·26	0·11
Ill-defined codes from N39.3-N97.8	0·04	0·01	0·03	0·10	0·03	0·02	0·01	0·23	0·84	0·55	0·30	0·16	0·07
Ill-defined codes from Q10-Q84.9	0·22	0·06	0·16	0·16	-	-	-	1·55	3·33	1·92	1·41	0·93	0·18
Ill-defined codes from R00-R99	0·19	0·08	0·11	0·17	0·04	0·03	0·01	0·54	3·40	1·58	1·82	1·21	0·38
Ill-defined codes from Z00-Z99	0·23	0·06	0·17	0·18	0·04	0·03	0·01	0·67	5·28	3·58	1·69	1·04	0·37
J81, Pulmonary oedema	0·11	0·05	0·06	0·01	0·03	0·02	0·01	0·91	1·29	0·78	0·52	0·27	0·12
K65, Peritonitis	4·18	0·81	3·37	2·49	0·01	-	0·01	0·79	2·17	1·40	0·77	0·41	0·23
N17-N19, Renal failure	0·00	0·00	0·00	0·31	0·00	-	0·00	0·00	0·01	0·00	0·00	0·00	0·00
Pneumonitis	-	-	-	-	-	-	-	41·19	-	-	-	-	-
Pulmonary embolism	-	-	-	-	-	-	-	-	-	-	-	-	-
R54, Senility	0·00	0·00	0·00	0·01	0·00	0·00	0·00	0·34	0·17	0·15	0·02	0·02	0·00
Septicaemia	0·78	0·28	0·50	5·21	0·00	-	0·00	0·52	1·43	0·66	0·77	0·43	0·21
Sequela of different diseases and injuries	18·95	2·16	16·79	0·12	2·79	0·03	2·76	3·50	10·90	3·05	7·85	5·21	1·40
Thorax and pleural problem	3·69	0·89	2·80	3·28	0·39	0·04	0·35	4·96	7·15	0·97	6·18	2·20	1·69
Unspecified liver disease	0·02	0·01	0·01	0·65	0·00	0·00	0·00	0·07	0·46	0·32	0·13	0·07	0·03

Web Table 4a - List of garbage code redistribution over the GBD cause list for communicable diseases, non-nommunicable diseases, and injuries

Garbage Code / Target Cause	Assault by other means	Forces of nature, war, and legal intervention	Exposure to forces of nature	Collective violence and legal intervention
All cardiac conduction disorders	-	-	-	-
All disorders of electrolyte & fluid balance	0·13	1·04	1·04	0·00
All encephalopathy and cerebral oedema	0·10	0·07	0·07	0·00
All hydrocephalus	1·95	0·05	-	0·05
All undetermined intentional or unintentional	8·69	-	-	-
All unspecified parasitic diseases	-	-	-	-
B19, Unspecified viral hepatitis	-	-	-	-
Cardiogenic shock and other shock	0·29	0·31	0·31	-
DIC, cardiac arrest, acute respiratory failure and coma	0·26	0·08	0·06	0·02
Different paralytic syndrome and palsy syndrome	1·16	4·26	0·14	4·13
Embolism & thrombosis	0·02	0·01	0·01	0·00
Fever, malaise, febrile and convulsions of unknown origin	0·16	0·05	0·05	0·00
GI signs and syptoms	-	-	-	-
Hypertension	-	-	-	-
I31.3, Pericardial effusion (noninflammatory)	-	-	-	-
Ill-defined codes from A00-B99	0·15	0·08	0·08	-
Ill-defined codes from D10-D36.9	0·19	0·09	0·08	0·01
Ill-defined codes from F32-F99	0·18	0·09	0·07	0·03
Ill-defined codes from G43-G58.9	0·17	0·12	0·11	0·02
Ill-defined codes from H00-H99	0·32	0·14	0·11	0·02
Ill-defined codes from J30-J35.9	0·30	0·18	0·12	0·06
Ill-defined codes from K00-K14.9	0·23	0·09	0·09	-
Ill-defined codes from L01-L98.9	0·16	0·08	0·08	-
Ill-defined codes from M09-M99	0·05	0·05	0·05	-
Ill-defined codes from N39.3-N97.8	0·06	0·05	0·05	0·00
Ill-defined codes from Q10-Q84.9	0·30	0·06	0·06	-
Ill-defined codes from R00-R99	0·22	0·11	0·09	0·02
Ill-defined codes from Z00-Z99	0·28	0·16	0·14	0·03
J81, Pulmonary oedema	0·13	0·07	0·07	0·00
K65, Peritonitis	0·12	-	-	-
N17-N19, Renal failure	0·00	0·00	0·00	-
Pneumonitis	-	-	-	-
Pulmonary embolism	-	-	-	-
R54, Senility	0·00	0·00	0·00	0·00
Septicaemia	0·13	0·00	-	0·00
Sequela of different diseases and injuries	1·24	2·05	2·05	0·00
Thorax and pleural problem	2·29	1·13	0·15	0·97
Unspecified liver disease	0·04	0·01	0·01	0·00

Web Table 4b - List of garbage code redistribution over the GBD cause list for communicable and non-communicable diseases

Garbage Code	Communicable, maternal, neonatal and nutritional disorders	HIV/AIDS and tuberculosis	Tuberculosis	HIV/AIDS	HIV disease resulting in other specified or unspecified diseases	Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	Diarrheal diseases	Cholera	Other salmonella infections	Shigellosis	Enteropathogenic E coli infection	Enterotoxigenic E coli infection	Campylobacter enteritis	Amoebiasis	Other diarrheal disease	Typhoid and paratyphoid fevers	Lower respiratory infections	Influenza	Pneumococcal pneumonia	H influenza type B pneumonia	Other lower respiratory infections	Upper respiratory infections
All unspecified site in situ carcinuma and unspecified site Neoplasm of uncertain or unknown behaviour	0·01	0·01	-	0·01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B99, Other and unspecified bacterial and infectious diseases	99·64	27·95	14·63	13·32	13·32	59·76	52·54	0·08	1·30	0·10	0·01	0·00	0·01	0·06	50·98	0·23	-	-	-	-	-	-
E85, Amyloidosis	14·54	8·21	8·21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I27.1, Kyphoscoliotic heart disease	49·96	16·65	16·65	-	-	16·65	16·65	-	-	-	-	-	-	-	16·65	-	-	-	-	-	-	-
I50, Heart failure	0·01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J98.9, Respiratory disorder unspecified	16·98	-	-	-	-	16·98	-	-	-	-	-	-	-	-	-	-	16·98	0·26	3·83	1·80	11·09	0·01
R64, Cachexia	5·95	1·95	0·57	1·39	1·32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Respiratory sigsn and symptoms	67·28	25·95	25·95	-	-	31·72	-	-	-	-	-	-	-	-	-	-	26·59	-	5·84	0·83	19·91	-

Web Table 4b - List of garbage code redistribution over the GBD cause list for communicable and non-communicable diseases

Garbage Code \ Target Cause	Meningitis	H influenzae type B meningitis	Meningococcal infection	Other meningitis	Encephalitis	Diphtheria	Whooping cough	Tetanus	Measles	Varicella	Parasitic and vector diseases	Malaria	Chagas disease	Dengue	Rabies	Food-borne trematodiases	Other parasitic and vector diseases	Leishmaniasis	African trypanosomiasis	Schistosomiasis	Cysticercosis	Echinococcosis	Lymphatic filariasis	Onchocerciasis
All unspecified site in situ carcinuma and unspecified site Neoplasm of uncertain or unknown behaviour	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B99, Other and unspecified bacterial and infectious diseases	5·27	3·97	0·27	1·03	0·30	0·02	0·16	0·89	0·05	0·29	4·98	1·12	3·31	0·34	0·01	0·01	0·12	0·01	0·00	0·03	0·01	0·02	0·01	0·01
E85, Amyloidosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I27.1, Kyphoscoliotic heart disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I50, Heart failure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
J98.9, Respiratory disorder unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R64, Cachexia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Respiratory sigsn and symptoms	-	-	-	-	-	-	5·14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Web Table 4b - List of garbage code redistribution over the GBD cause list for communicable and non-communicable diseases

Garbage Code \ Target Cause	Nutritional deficiencies	Protein-energy malnutrition	Iodine deficiency	Other communicable, maternal, neonatal and nutritional disorders	Sexually transmitted diseases excluding HIV	Syphilis	Sexually transmitted chlamydial diseases	Gonococcal infection	Other sexually transmitted diseases	Hepatitis	Acute hepatitis B	Leprosy	Other infectious diseases	Non-communicable Diseases	Neoplasms	Esophageal cancer	Stomach cancer	Liver cancer	Nasopharynx cancer	Cancer of other part of pharynx and oropharynx	Gallbladder and biliary tract cancer	Pancreatic cancer	Malignant melanoma of skin
All unspecified site in situ carcinuma and unspecified site Neoplasm of uncertain or unknown behaviour	-	-	-	-	-	-	-	-	-	-	-	-	-	99·99	99·99	6·05	10·29	5·39	0·31	4·86	1·92	1·74	0·28
B99, Other and unspecified bacterial and infectious diseases	-	-	-	6·94	0·44	0·27	0·06	0·04	0·07	0·85	0·85	0·09	5·56	0·36	-	-	-	-	-	-	-	-	-
E85, Amyloidosis	-	-	-	6·33	-	-	-	-	-	-	-	-	6·33	85·46	10·93	-	-	-	-	-	-	-	-
I27.1, Kyphoscoliotic heart disease	-	-	-	16·65	-	-	-	-	-	-	-	-	16·65	50·04	-	-	-	-	-	-	-	-	-
I50, Heart failure	0·01	-	0·01	-	-	-	-	-	-	-	-	-	-	99·99	-	-	-	-	-	-	-	-	-
J98.9, Respiratory disorder unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	83·02	-	-	-	-	-	-	-	-	-
R64, Cachexia	4·00	4·00	-	-	-	-	-	-	-	-	-	-	-	94·05	94·04	2·33	6·98	3·99	0·09	0·44	2·03	5·80	0·87
Respiratory sigsn and symptoms	-	-	-	9·61	-	-	-	-	-	-	-	-	9·61	32·72	14·34	-	-	-	-	-	-	-	-

Web Table 4b - List of garbage code redistribution over the GBD cause list for communicable and non-communicable diseases

Garbage Code \ Target Cause	Non-melanoma skin cancer	Ovarian cancer	Testicular cancer	Kidney and other urinary organ cancers	Bladder cancer	Brain and nervous system cancers	Thyroid cancer	Hodgkin's disease	Non-Hodgkin's lymphoma	Multiple myeloma	Leukemia	Other neoplasms	Larynx cancer	Trachea, bronchus and lung cancers	Breast cancer	Cervical cancer	Uterine cancer	Prostate cancer	Colon and rectum cancers	Mouth cancer	Cardiovascular and circulatory diseases	Rheumatic heart disease	Ischemic heart disease
All unspecified site in situ carcinuma and unspecified site Neoplasm of uncertain or unknown behaviour	0·17	2·45	0·19	2·13	1·72	1·14	0·18	0·10	2·97	0·45	2·14	17·36	0·55	5·52	2·72	1·46	0·58	3·81	9·11	14·41	0·00	-	0·00
B99, Other and unspecified bacterial and infectious diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E85, Amyloidosis	-	-	-	4·11	-	-	-	-	-	6·82	-	-	-	-	-	-	-	-	-	-	-	-	-
I27.1, Kyphoscoliotic heart disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I50, Heart failure	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87·34	0·15	76·91
J98.9, Respiratory disorder unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R64, Cachexia	0·75	2·54	0·08	2·03	3·19	2·99	0·45	0·22	2·85	1·67	4·76	4·84	0·85	12·76	9·30	1·37	0·81	6·00	13·05	1·00	-	-	-
Respiratory sigsn and symptoms	-	-	-	-	-	-	-	-	-	-	-	-	-	14·34	-	-	-	-	-	-	-	-	-

Web Table 4b - List of garbage code redistribution over the GBD cause list for communicable and non-communicable diseases

Garbage Code \ Target Cause	Hypertensive heart disease	Cardiomyopathy and myocarditis	Aortic aneurysm	Other circulatory diseases	Chronic respiratory diseases	Chronic obstructive pulmonary disease	Pneumoconiosis	Asthma	Other interstitial lung disease	Other respiratory diseases	Cirrhosis of the liver	Digestive diseases (except cirrhosis)	Noninfective inflammatory bowel disease	Neurological disorders	Alzheimer's disease and other dementias	Parkinson's disease	Other neurological disorders	Mental and behavioral disorders	Drug use disorders	Opioid use disorders	Other drug use disorders	Eating disorders	Diabetes, urogenital, blood, and endocrine diseases	Chronic kidney diseases
All unspecified site in situ carcinuma and unspecified site Neoplasm of uncertain or unknown behaviour	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·00	-
B99, Other and unspecified bacterial and infectious diseases	-	-	-	-	-	-	-	-	-	-	0·33	-	-	-	-	-	-	-	-	-	-	-	-	-
E85, Amyloidosis	-	-	-	-	3·07	3·07	-	-	-	-	-	7·51	7·51	45·16	32·52	6·32	6·33	-	-	-	-	-	3·76	-
I27.1, Kyphoscoliotic heart disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I50, Heart failure	7·33	2·88	0·00	0·07	7·96	6·46	1·50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·73	0·56
J98.9, Respiratory disorder unspecified	-	-	-	-	83·02	72·26	8·84	1·58	0·02	0·32	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R64, Cachexia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0·02	0·00	0·00	0·00	0·01	-	-
Respiratory sigsn and symptoms	-	-	-	-	18·38	14·06	-	1·64	-	2·68	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Web Table 4b - List of garbage code redistribution over the GBD cause list for communicable and non-communicable diseases

Garbage Code \ Target Cause	Chronic kidney disease due to diabetes mellitus	Gynecological diseases	Uterine fibroids	Hemoglobinopathies and other hemolytic anemias	Thalassemias	Sickle cell disorders	G6PD deficiency	Other hemoglobinopathies and hemolytic anemias	Other endocrine, nutritional, blood and immune disorders	Other non-communicable diseases	Congenital anomalies	Congenital heart anomalies	Skin and subcutaneous diseases	Other skin and subcutaneous diseases	Musculoskeletal disorders	Rheumatoid arthritis	Other musculoskeletal disorders
All unspecified site in situ carcinuma and unspecified site Neoplasm of uncertain or unknown behaviour	-	0·00	0·00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
B99, Other and unspecified bacterial and infectious diseases	-	-	-	-	-	-	-	-	-	0·04	-	-	0·04	0·04	-	-	-
E85, Amyloidosis	-	-	-	3·76	-	-	-	-	3·76	15·03	-	-	-	-	15·03	7·51	7·51
I27.1, Kyphoscoliotic heart disease	-	-	-	-	-	-	-	-	-	50·04	-	-	-	-	50·04	-	50·04
I50, Heart failure	0·56	-	-	0·17	0·01	0·02	0·00	0·03	0·10	3·95	3·95	3·95	-	-	-	-	-
J98.9, Respiratory disorder unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
R64, Cachexia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Respiratory sigsn and symptoms	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Web Table 4c - List of garbage code redistribution over the GBD cause list for non-communicable diseases and injuries

Target Cause / Garbage Code	Non-communicable Diseases	Neoplasms	Other neoplasms	Cardiovascular and circulatory diseases	Peripheral vascular disease	Mental and behavioral disorders	Alcohol use disorders	Drug use disorders	Opioid use disorders	Diabetes, urogenital, blood, and endocrine diseases	Diabetes mellitus	Hemoglobinopathies and other hemolytic anemias	Sickle cell disorders	Other non-communicable diseases	Skin and subcutaneous diseases	Other skin and subcutaneous diseases	Injuries	Transport injuries	Road injury	Pedestrian injury by road vehicle	Pedal cycle vehicle
I31.2, Haemopericardium not classified elsewhere	5·00	5·00	5·00	-	-	-	-	-	-	-	-	-	-	-	-	-	95·00	-	-	-	-
Osteomyelitis	25·02	-	-	4·96	4·96	9·94	1·69	8·25	8·25	6·96	4·96	2·00	2·00	3·16	3·16	3·16	74·98	20·89	19·96	8·23	1·13

Web Table 4c - List of garbage code redistribution over the GBD cause list for non-communicable diseases and injuries

Garbage Code \ Target Cause	Motorized vehicle with two wheels	Motorized vehicle with three or more wheels	Road injury other	Other transport injury	Unintentional injuries other than transport injuries	Falls	Drowning	Exposure to mechanical forces	Mechanical forces (firearm)	Mechanical forces (other)	Adverse effects of medical treatment	Animal contact	Animal contact (non-venomous)	Unintentional injuries not classified elsewhere	Self-harm and interpersonal violence	Self-harm	Interpersonal violence	Assault by firearm	Assault by sharp object	Assault by other means	Forces of nature, war, and legal intervention	Exposure to forces of nature	Collective violence and legal intervention
I31.2, Haemopericardium not classified elsewhere	-	-	-	-	43·35	-	-	3·37	1·87	1·50	39·99	-	-	-	51·65	29·41	22·24	7·38	14·62	0·24	-	-	-
Osteomyelitis	1·06	9·05	0·48	0·94	42·64	34·12	0·15	2·56	0·78	1·79	5·09	0·23	0·23	0·49	10·30	5·34	4·96	2·80	1·42	0·75	1·14	1·14	0·00

Web Table 4d - List of garbage code redistribution over the GBD cause list for non-commincable diseases (except neoplasms)

Garbage Code \ Target Cause	Non-communicable Diseases	Cardiovascular and circulatory diseases	Rheumatic heart disease	Ischemic heart disease	Cerebrovascular disease	Ischemic stroke	Hemorrhagic and other non-ischemic stroke	Hypertensive heart disease	Cardiomyopathy and myocarditis	Atrial fibrillation and flutter	Aortic aneurysm	Peripheral vascular disease	Endocarditis	Other circulatory diseases	Cirrhosis of the liver	Digestive diseases (except cirrhosis)	Peptic ulcer disease
All ill-defined descriptions of heart disease	100·00	100·00	-	47·26	0·73	0·47	0·27	24·85	13·59	-	-	-	-	13·56	-	-	-
Atherosclerosis	100·00	100·00	-	40·00	53·90	53·90	-	5·00	-	-	0·55	-	-	0·55	-	-	-
Cardiac signs and syptoms	100·00	70·65	-	70·65	-	-	-	-	-	-	-	-	-	-	-	-	-
E889, Metabolic disorder unspecified	100·00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I99, Other and unspecified disorders of circulatory system	100·00	99·45	5·07	48·17	25·68	12·23	13·45	7·82	6·82	0·56	0·06	0·01	0·56	4·70	-	-	-
K92.9, Disease of digestive system unspecified	100·00	-	-	-	-	-	-	-	-	-	-	-	-	-	33·99	66·01	9·00
Q89.9, Congenital malformations unspecified	100·00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q99.9, Chromosomal abnormality unspecified	100·00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Web Table 4d - List of garbage code redistribution over the GBD cause list for non-commincable diseases (except neoplasms)

Garbage Code \ Target Cause	Gastritis and duodenitis	Appendicitis	Paralytic ileus and intestinal obstruction without hernia	Inguinal or femoral hernia	Noninfective inflammatory bowel disease	Vascular disorders of intestine	Gall bladder and bile duct disease	Pancreatitis	Other digestive diseases	Diabetes, urogenital, blood, and endocrine diseases	Chronic kidney diseases	Chronic kidney disease due to diabetes mellitus	Hemoglobinopathies and other hemolytic anemias	Other endocrine, nutritional, blood and immune disorders	Other non-communicable diseases	Congenital anomalies
All ill-defined descriptions of heart disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Atherosclerosis	-	-	-	-	-	-	-	-	-	0·00	0·00	0·00	-	-	-	-
Cardiac signs and syptoms	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29·35	29·35
E889, Metabolic disorder unspecified	-	-	-	-	-	-	-	-	-	100·00	-	-	100·00	100·00	-	-
I99, Other and unspecified disorders of circulatory system	-	-	-	-	-	-	-	-	-	0·55	0·55	0·55	-	-	-	-
K92.9, Disease of digestive system unspecified	1·08	1·66	11·79	1·10	3·22	8·90	8·16	5·07	16·05	-	-	-	-	-	-	-
Q89.9, Congenital malformations unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100·00	100·00
Q99.9, Chromosomal abnormality unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100·00	100·00

Web Table 4d - List of garbage code redistribution over the GBD cause list for non-commincable diseases (except neoplasms)

Garbage Code \ Target Cause	Neural tube defects	Congenital heart anomalies	Cleft lip and cleft palate	Down's syndrome	Other chromosomal abnormalities	Other congenital anomalies
All ill-defined descriptions of heart disease	-	-	-	-	-	-
Atherosclerosis	-	-	-	-	-	-
Cardiac signs and syptoms	-	29·35	-	-	-	-
E889, Metabolic disorder unspecified	-	-	-	-	-	-
I99, Other and unspecified disorders of circulatory system	-	-	-	-	-	-
K92.9, Disease of digestive system unspecified	-	-	-	-	-	-
Q89.9, Congenital malformations unspecified	15·04	46·72	0·36	-	-	37·88
Q99.9, Chromosomal abnormality unspecified	-	-	-	39·16	60·84	-

Web Table 4e - List of garbage code redistribution over the GBD cause list for neoplasms only

Garbage Code \ Target Cause	Non-communicable Diseases	Neoplasms	Esophageal cancer	Stomach cancer	Liver cancer	Nasopharynx cancer	Cancer of other part of pharynx and oropharynx	Gallbladder and biliary tract cancer	Pancreatic cancer	Malignant melanoma of skin	Non-melanoma skin cancer	Ovarian cancer	Testicular cancer	Kidney and other urinary organ cancers	Bladder cancer	Brain and nervous system cancers	Thyroid cancer	Non-Hodgkin's lymphoma	Leukemia	Other neoplasms	Larynx cancer
C14.1-.9, Other and ill-defined sites in the lip, oral cavity and pharynx	100·00	100·00	-	-	-	9·81	37·79	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C26.0-.9, Other and ill-defined sites in the lip, oral cavity and pharynx	100·00	100·00	-	2·38	4·66	-	-	19·11	1·49	-	-	-	-	-	-	-	-	-	-	9·29	-
C39.0-.9,Other and ill-defined sites in the lip, oral cavity and pharynx	100·00	100·00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5·77	13·40
C55.0-.9, Uterus, part unspecified	100·00	100·00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C57.9, Female genital organ unspecified	100·00	100·00	-	-	-	-	-	-	-	-	-	89·34	-	-	-	-	-	-	-	7·59	-
C63.9, Male genital organ unspecified	100·00	100·00	-	-	-	-	-	-	-	-	-	-	8·73	-	-	-	-	-	-	6·47	-
C68.9, Urinary organ unspecified	100·00	100·00	-	-	-	-	-	-	-	-	-	-	-	92·62	6·14	-	-	-	-	1·24	-
C75.9, Endocrine gland unspecified	100·00	100·00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39·56	-	-	60·44	-
C76.0-.9, Malignant neoplasm of other and ill-defined sites	100·00	100·00	0·16	0·43	0·93	1·02	5·98	1·18	0·43	0·65	3·48	5·28	-	5·21	2·16	13·42	5·61	1·31	0·33	31·69	1·02
C80.0-.9, Malignant neoplasm without specification of site	100·00	100·00	1·03	0·51	1·54	1·03	3·09	3·09	0·51	-	-	0·50	-	3·10	1·03	-	-	8·26	2·06	58·30	1·03

Web Table 4e - List of garbage code redistribution over the GBD cause list for neoplasms only

Garbage Code \ Target Cause	Trachea, bronchus and lung cancers	Breast cancer	Cervical cancer	Uterine cancer	Prostate cancer	Colon and rectum cancers	Mouth cancer
C14.1-.9, Other and ill-defined sites in the lip, oral cavity and pharynx	-	-	-	-	-	-	52·40
C26.0-.9, Other and ill-defined sites in the lip, oral cavity and pharynx	-	-	-	-	-	63·08	-
C39.0-.9,Other and ill-defined sites in the lip, oral cavity and pharynx	80·83	-	-	-	-	-	-
C55.0-.9, Uterus, part unspecified	-	-	64·52	35·48	-	-	-
C57.9, Female genital organ unspecified	-	-	1·57	1·50	-	-	-
C63.9, Male genital organ unspecified	-	-	-	-	84·80	-	-
C68.9, Urinary organ unspecified	-	-	-	-	-	-	-
C75.9, Endocrine gland unspecified	-	-	-	-	-	-	-
C76.0-.9, Malignant neoplasm of other and ill-defined sites	3·86	0·33	1·03	1·02	0·08	7·24	6·17
C80.0-.9, Malignant neoplasm without specification of site	2·57	2·06	0·50	0·50	0·53	8·75	-

Web Table 4f - List of garbage code redistribution over the GBD cause list for injuries only

Garbage Code \ Target Cause	Injuries	Transport injuries	Road injury	Pedestrian injury by road vehicle	Pedal cycle vehicle	Motorized vehicle with two wheels	Motorized vehicle with three or more wheels	Road injury other	Other transport injury	Unintentional injuries other than transport injuries	Falls	Drowning	Fire, heat and hot substances	Poisonings	Exposure to mechanical forces	Mechanical forces (firearm)	Mechanical forces (other)	Animal contact
All unspecified transport and road injuries	100·00	99·97	88·51	7·54	3·76	5·68	67·67	3·86	11·46	0·03		0·03						
X59, Unintentional Exposure to unspecified factor	100·00	27·20	25·74	9·93	1·13	2·52	11·56	0·60	1·46	69·44	23·36	10·10	5·77	2·50	8·75	6·55	2·21	0·88
X84, Intentional self-harm by unspecified means	100·00	-	-	-	-	-	-	-	-	-		-						
Y09, Assault by unspec. means	100·00	-	-	-	-	-	-	-	-	-		-						

Web Table 4f - List of garbage code redistribution over the GBD cause list for injuries only

Garbage Code \ Target Cause	Animal contact (venomous)	Animal contact (non-venomous)	Unintentional injuries not classified elsewhere	Self-harm and interpersonal violence	Self-harm	Interpersonal violence	Assault by firearm	Assault by sharp object	Assault by other means	Forces of nature, war, and legal intervention	Exposure to forces of nature	Collective violence and legal intervention
All unspecified transport and road injuries				-	-	-	-	-	-			
X59, Unintentional Exposure to unspecified factor	0·64	0·24	18·08	-	-	-	-	-	-	2·46	2·46	-
X84, Intentional self-harm by unspecified means				100·00	100·00	-	-	-	-			
Y09, Assault by unspec. means				100·00	-	100·00	28·12	40·98	30·90			

Web Table 4g - List of garbage code redistribution over the GBD cause list for communicable diseases only

Garbage Code \ Target Cause	Communicable, maternal, neonatal and nutritional disorders	HIV/AIDS and tuberculosis	Tuberculosis	Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	Lower respiratory infections	Pneumococcal pneumonia	H influenza type B pneumonia	Other lower respiratory infections	Varicella	Parasitic and vector diseases	Malaria	Other parasitic and vector diseases	Neonatal disorders	Preterm birth complications	Neonatal encephalopathy (birth asphyxia and birth trauma)	Sepsis and other infectious disorders of the newborn baby	Other neonatal disorders	Other communicable, maternal, neonatal and nutritional disorders	Hepatitis	Acute hepatitis B	Other infectious diseases
J80, Adult respiratory distress syndrome	100·00	-	-	100·00	100·00	13·27	20·41	66·33	-	-	-	-	-	-	-	-	-	-	-	-	-
P96.9, Condition originating in the perinatal period unspecified	100·00	0·31	0·31	41·65	41·44	-	-	41·44	0·20	0·36	0·09	0·27	55·83	22·59	11·26	12·42	9·55	1·86	0·93	0·93	0·93

D. Age and sex splitting for the causes of death database

In the process of assembling a consolidated demographic database, perhaps the most impairing source of inconsistency is aggregation of age-groups. It is conventional to report such data in broad age-groupings such as "0-4, 5-14, 15-49" or to report data with both sexes together. The issue of comparability between age-sex groups arose when assembling the cause of death database. The compiled database included 12 distinct tabulation formats for infants and 66 distinct tabulation formats for non-infants. We developed a tool, which we call *age splitting*, that takes aggregated age-groupings, and likewise the "both sexes combined" grouping, and divides them into what their constituent age-groups would likely have been using respective cause-specific and country-specific age distributions. The analytical framework for the GBD is three infant age categories: Early neonatal (0-6 days), late neonatal (7-27 Days) and post neonatal (28 days to 1 year) and 17 non-infant age categories starting with age 1 to 4 years, then proceeding in five-year age-groups until the terminal age-group of 80+. We treat unknown ages and sexes in the same manner we treated the "all ages combined" age category and "both sexes" sex group. Through this process, we were able to directly compare all data sources on even terms.

The approach to age splitting is based on the following formula. The key assumption underlying this formula is that the relative risk of death by age-group compared to a reference age-group is invariant across populations. While this assumption is likely violated in specific cases, there is a strong biologically based pattern of the relative risk of death for a cause by age that is observed for most causes. The basic formula is as follows:

$$D_a = R_a N_a \left(\frac{D_a^{a+x}}{\sum_a^{a+x} (R_a N_a)} \right)$$

Where:
D_a = *Number of deaths from a cause in age-group a*
R_a = *the relative risk of death in age-group a compared to a reference group*
N_a = *Country-year-sex-specific population in age-group a*
D_a^{a+x} *is the number of deaths in the age-group a to a+x*

With the assumption of invariant relative risks of death by age with respect to a reference age-group, this equation can be used along with population distribution by age to split an aggregate number of deaths for the age-groups *a* to *a+x* into specific deaths for each age-group within the aggregate interval.

In some cases, deaths are reported for an aggregate age-group for both sexes combined. The task in this case is more complicated but the same principle can be applied. In this case, we need to assume that the relative risks of death by and sex are constant.

$$D_{as} = R_{as} N_{sa} \left(\frac{D_{as}^{a+x,s}}{\sum_a^{a+x} (R_{as} N_{as})} \right)$$

Where:
D_{as} = *Number of deaths from a cause in age-group a, sex s*
R_{as} = *the relative risk of death in age-group a compared to a reference group for sex s*
N_{as} = *Country-year-sex-specific population in age-group a for sex s*
$D_{as}^{a+x,s}$ *is the number of deaths in the age-group a to a+x for sex s*

This equation can be used to split data aggregated over age and sex. The assumption, however, of invariant relative risks across age and sex is a stronger assumption. Fortunatley, data pooled across sexes is less common in the published or unpublished cause of death data.

E. Smoothing methods for the causes of death database

When estimating causes of death, utilization of fine-grained information presents its own unique problems. When producing estimates for rare causes of death and in low-population countries, death counts are extremely low. This generates trends in the data that appear to swing wildly up and down from one year to the next. Additionally, death counts of zero pose a problem because statistical models could conclude that the disease has been eradicated. Consequently, use of the data must strike a pragmatic balance between ascribing meaning to the data without overinterpreting what may be simple noise. We developed an algorithm to "smooth" noisy data to preserve what

little signal exists. We limited our smoothing algorithm so that it applied to only vital registration data, with the addition of Matlab (Bangladesh) demographic surveillance data. We also limited the algorithm such that the country-sex-age-cause being smoothed must contain at least one observed near-zero value (less than 0.5 deaths). In the circumstance that a country-sex-age-cause contained one or less non-zero (or near zero) observation, the time-series was considered too lacking in information to smooth at all. Such conditions were simply left at (or set to) zero in all observations. This concept was applied to country-sex-age-cause groups with one non-zero observation as well because no slope could possibly be fit to a single point. The result of the smoothing algorithm was to discern a general upward, downward, or flat trend from most of the country-sex-age-causes that were smoothed. By limiting the degree to which observations were smoothed in a way that is proportional to the amount of smoothing needed to discern such a trend, we were able to avoid overadjusting observations.

We applied a two-stage algorithm to smooth country-sex-age-cause groups that met the above criteria. This algorithm consisted of (1) a negative binomial regression followed by (2) a linear, proportional noise-reduction scheme.

A negative binomial regression was fitted for each country-cause independently using death count as the dependent variable and age, sex, and year as dummy independent variables. This regression can be expressed as follows:

$$\lambda(x) = exp(\beta_0 + \beta_1 x + \beta_s d_s + \beta_a d_a + \beta_y d_y + ln(\text{sample size}))$$

Where:

λ = *mean of the negative binomial distribution*
x = *possible outcomes (death or not death)*
β_0 = *intercept*
$\beta_1 x$ = *coefficient on dependent variable x*
β_s = *coefficient on sex dummy variables*
d_s = *sex dummy variables*
β_a = *coefficient on age dummy variables*
d_a = *age dummy variables*
β_y = *coefficient on year dummy variables*
d_y = *year dummy variables*
sample size = exposure, i.e. the total number of observed deaths in the given country-year-sex-age

Using the predictions from the negative binomial regression, we computed a linear, proportional adjustment amount based on the proportion of near-zero-counts observed in each given country-sex-age-cause. Observations were adjusted more drastically in country-sex-age-causes with a higher percentage of near-zeroes, and adjusted less drastically in country-sex-age-causes with fewer near-zeroes.

Section 3. Modelling individual causes of death

A. Strategy by cause

As noted in the main body of the paper, due to variations in data density and data quality, different strategies have been used for different causes. Web Table 5 summarizes which of six strategies have been used for different causes. In selected cases, we have used different modelling strategies for different countries. In particular, for HIV, we used CODEm for countries with high-quality vital registration data and UNAIDS natural history estimates for the majority of countries. For tetanus, we used CODEm for neonatal tetanus and a negative binomial model for tetanus in older age-groups. Three other causes not shown in this table were analyzed using CODEm: acute respiratory infections, meningitis/encephalitis, and other unintentional injuries. These causes, which are superaggregates of GBD causes, are not in the GBD hierarchy; however, because substantial verbal autopsy data combines diseases in these groupings, we first modeled them using CODEm and then used CodCorrect level 2 to incorporate the allocation of deaths from component causes. In the table, aggregate means that the causes beneath it were modeled as level 1 causes and the parent cause in the hierarchy is calculated simply as the aggregation of the cause estimates below it in the cause list.

Web Table 5 - Modeling strategy by cause and CoDCorrect level

Cause	CodCorrect Level	Model Types					
		CODEm	Negative Binomial	Fixed Proportion	Aetiology Modelling	Natural History Model	Mortality Shock Regression
Communicable, maternal, neonatal, and nutritional disorders	Aggregate						
HIV/AIDS and tuberculosis	Aggregate						
Tuberculosis	1	X					
HIV/AIDS	1	X				X	
HIV disease resulting in mycobacterial infection	2			X			
HIV disease resulting in other specified or unspecified diseases	2			X			
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	Aggregate						
Diarrheal diseases	1	X					
Cholera	2				X		
Other salmonella infections	2				X		
Shigellosis	2				X		
Enteropathogenic E coli infection	2				X		
Enterotoxigenic E coli infection	2				X		
Campylobacter enteritis	2				X		
Amoebiasis	2				X		
Cryptosporidiosis	2				X		
Rotaviral enteritis	2				X		
Other diarrheal disease	2				X		
Typhoid and paratyphoid fevers	1					X	
Lower respiratory infections	2			X			
Influenza	3				X		
Pneumococcal pneumonia	3				X		
H influenzae type B pneumonia	3				X		
Respiratory syncytial virus pneumonia	3				X		
Other lower respiratory infections	3				X		
Upper respiratory infections	2			X			
Otitis media	2		X				
Meningitis	2			X			
Pneumococcal meningitis	3				X		
H influenzae type B meningitis	3				X		
Meningococcal infection	3				X		
Other meningitis	3				X		
Encephalitis	2			X			
Diphtheria	1		X				
Whooping cough	1					X	
Tetanus	1	X	X				
Measles	1					X	
Varicella	1		X				
Neglected tropical diseases and malaria	Aggregate						
Malaria	1	X					
Chagas disease	1	X					
Leishmaniasis	1					X	
African trypanosomiasis	1					X	
Schistosomiasis	1		X				
Cysticercosis	1		X				
Echinococcosis	1		X				
Dengue	1	X					
Rabies	1	X					
Intestinal nematode infections	Aggregate						
Ascariasis	1		X				
Other neglected tropical diseases	1	X					
Maternal disorders	1	X					
Maternal hemorrhage	2				X		

Web Table 5 - Modelling strategy by cause and CoDCorrect level

Cause	CodCorrect Level	Model Types					
		CODEm	Negative Binomial	Fixed Proportion	Aetiology Modelling	Natural History Model	Mortality Shock Regression
Maternal sepsis	2				X		
Hypertensive disorders of pregnancy	2				X		
Obstructed labor	2				X		
Abortion	2				X		
Other maternal disorders	2				X		
Neonatal disorders	1	X					
Preterm birth complications	2	X					
Neonatal encephalopathy (birth asphyxia and birth trauma)	2	X					
Sepsis and other infectious disorders of the newborn baby	2	X					
Other neonatal disorders	2	X					
Nutritional deficiencies	1	X					
Protein-energy malnutrition	2		X				
Iodine deficiency	2		X				
Iron-deficiency anemia	2		X				
Other nutritional disorders	1		X				
Other communicable, maternal, neonatal, and nutritional disorders	Aggregate						
Sexually transmitted diseases excluding HIV	Aggregate						
Syphilis	2					X	
Sexually transmitted chlamydial diseases	2			X			
Gonococcal infection	2			X			
Other sexually transmitted diseases	2			X			
Hepatitis	1	X					
Acute hepatitis A	2	X					
Acute hepatitis B	2	X					
Acute hepatitis C	2	X					
Acute hepatitis E	2					X	
Other infectious diseases	1	X					
Non-communicable Diseases	Aggregate						
Neoplasms	Aggregate						
Esophageal cancer	1	X					
Stomach cancer	1	X					
Liver cancer	1	X					
Liver cancer secondary to hepatitis B	2				X		
Liver cancer secondary to hepatitis C	2				X		
Liver cancer secondary to alcohol use	2				X		
Other liver cancer	2				X		
Larynx cancer	1	X					
Trachea, bronchus and lung cancers	1	X					
Breast cancer	1	X					
Cervical cancer	1	X					
Uterine cancer	1	X					
Prostate cancer	1	X					
Colon and rectum cancers	1	X					
Mouth cancer	1	X					
Nasopharynx cancer	1	X					
Cancer of other part of pharynx and oropharynx	1	X					
Gallbladder and biliary tract cancer	1	X					
Pancreatic cancer	1	X					
Malignant melanoma of skin	1	X					
Non-melanoma skin cancer	1	X					
Ovarian cancer	1	X					
Testicular cancer	1	X					
Kidney and other urinary organ cancers	1	X					
Bladder cancer	1	X					

Web Table 5 - Modeling strategy by cause and CoDCorrect level

Cause	CodCorrect Level	Model Types					
		CODEm	Negative Binomial	Fixed Proportion	Aetiology Modelling	Natural History Model	Mortality Shock Regression
Brain and nervous system cancers	1	X					
Thyroid cancer	1	X					
Hodgkin's disease	1	X					
Non-Hodgkin's lymphoma	1	X					
Multiple myeloma	1	X					
Leukemia	1	X					
Other neoplasms	1	X					
Cardiovascular and circulatory diseases	1	X					
Rheumatic heart disease	2	X					
Ischemic heart disease	2	X					
Cerebrovascular disease	2	X					
Ischemic stroke	3	X					
Hemorrhagic and other non-ischemic stroke	3	X					
Hypertensive heart disease	2	X					
Cardiomyopathy and myocarditis	2	X					
Atrial fibrillation and flutter	2	X					
Aortic aneurysm	2	X					
Peripheral vascular disease	2	X					
Endocarditis	2	X					
Other cardiovascular and circulatory diseases	2	X					
Chronic respiratory diseases	1	X					
Chronic obstructive pulmonary disease	2	X					
Pneumoconiosis	2	X					
Asthma	2	X					
Other interstitial lung disease	2	X					
Other chronic respiratory diseases	2	X					
Cirrhosis of the liver	1	X					
Cirrhosis of the liver secondary to hepatitis B	2				X		
Cirrhosis of the liver secondary to hepatitis C	2				X		
Cirrhosis of the liver secondary to alcohol use	2				X		
Other cirrhosis of the liver	2				X		
Digestive diseases (except cirrhosis)	1	X					
Peptic ulcer disease	2	X					
Gastritis and duodenitis	2	X					
Appendicitis	2	X					
Paralytic ileus and intestinal obstruction without hernia	2	X					
Inguinal or femoral hernia	2		X				
Noninfective inflammatory bowel disease	2	X					
Vascular disorders of intestine	2	X					
Gall bladder and bile duct disease	2	X					
Pancreatitis	2	X					
Other digestive diseases	2	X					
Neurological disorders	Aggregate						
Alzheimer's disease and other dementias	1	X					
Parkinson's disease	1	X					
Epilepsy	1	X					
Multiple sclerosis	1	X					
Other neurological disorders	1	X					
Mental and behavioral disorders	Aggregate						
Schizophrenia	1	X					
Alcohol use disorders	1	X					
Drug use disorders	1	X					
Opioid use disorders	2			X			
Cocaine use disorders	2			X			
Amphetamine use disorders	2			X			

Web Table 5 - Modeling strategy by cause and CoDCorrect level

Cause	CodCorrect Level	Model Types					
		CODEm	Negative Binomial	Fixed Proportion	Aetiology Modelling	Natural History Model	Mortality Shock Regression
Other drug use disorders	2			X			
Eating disorders	1			X			
Other mental and behavioral disorders	1			X			
Diabetes, urogenital, blood, and endocrine diseases	Aggregate						
Diabetes mellitus	1	X					
Acute glomerulonephritis	1	X					
Chronic kidney diseases	1	X					
Chronic kidney disease due to diabetes mellitus	2				X		
Chronic kidney disease due to hypertension	2				X		
Chronic kidney disease unspecified	2				X		
Urinary diseases	1	X					
Tubulointerstitial nephrisis, pyelonephrisis, and urinary tract infections	2	X					
Urolithiasis	2	X					
Other urinary diseases	2	X					
Gynecological diseases	1	X					
Uterine fibroids	2			X			
Endometriosis	2			X			
Genital prolapse	2			X			
Other gynecological disorders	2			X			
Hemoglobinopathies and hemolytic anemias	1	X					
Thalassemias	2			X			
Sickle cell disorders	2			X			
G6PD deficiency	2			X			
Other hemoglobinopathies and hemolytic anemias	2			X			
Other endocrine, nutritional, blood and immune disorders	1	X					
Musculoskeletal disorders	1	X					
Rheumatoid arthritis	2	X					
Other musculoskeletal disorders	2	X					
Other non-communicable diseases	Aggregate						
Congenital anomalies	1	X					
Neural tube defects	2	X					
Congenital heart anomalies	2	X					
Cleft lip and cleft palate	2	X					
Down's syndrome	2	X					
Other chromosomal abnormalities	2	X					
Other congenital anomalies	2	X					
Skin and subcutaneous diseases	1	X					
Cellulitis	2			X			
Abscess, impetigo, and other bacterial skin diseases	2			X			
Decubitus ulcer	2			X			
Other skin and subcutaneous diseases	2			X			
Sudden infant death syndrome	1	X					
Injuries	Aggregate						
Transport injuries	1	X					
Road injury	2	X					
Pedestrian injury by road vehicle	3	X					
Pedal cycle vehicle	3	X					
Motorized vehicle with two wheels	3	X					
Motorized vehicle with three or more wheels	3	X					
Road injury other	3	X					
Other transport injury	2	X					

Web Table 5 - Modeling strategy by cause and CoDCorrect level

Cause	CodCorrect Level	Model Types					
		CODEm	Negative Binomial	Fixed Proportion	Aetiology Modelling	Natural History Model	Mortality Shock Regression
Unintentional injuries other than transport injuries	Aggregate						
Falls	1	X					
Drowning	1	X					
Fire, heat and hot substances	1	X					
Poisonings	1	X					
Exposure to mechanical forces	1	X					
Mechanical forces (firearm)	2	X					
Mechanical forces (other)	2	X					
Adverse effects of medical treatment	2	X					
Animal contact	2	X					
Animal contact (venomous)	3	X					
Animal contact (non-venomous)	3	X					
Unintentional injuries not classified elsewhere	2	X					
Self-harm and interpersonal violence	Aggregate						
Self-harm	1	X					
Interpersonal violence	1	X					
Assault by firearm	2	X					
Assault by sharp object	2	X					
Assault by other means	2	X					
Forces of nature, war, and legal intervention	Aggregate						
Exposure to forces of nature	Post-CodCorrect						X
Collective violence and legal intervention	Post-CodCorrect						X

* These CodCorrect causes are not included in the reporting list:

•Meningitis and encephalitis (parent to meningitis and encephalitis)	1	X
•Acute respiratory infections (parent to lower respiratory infections, upper respiratory infections, and otitis media)	1	X
•Other unintentional (parent to adverse effects of medical treatment, animal contact, and unintentional injuries not classified elsewhere)	1	X

B. CODEm Model Performance

The majority of the causes of death, including most major causes except HIV, were modeled using cause of death ensemble modelling (CODEm).[467] Web Table 6 provides a summary of the performance of these CODEm models in terms of the standard out-of-sample predictive validity metrics.

Web Table 6 – Out of sample predictive validity results for CODEm models. The table provides three metrics of out-of-sample and in-sample performance: the root mean-squared error of the natural log of the death rate, proportion of predictions matching the trend in the data,; and the fraction of data included in the 95% uncertainty interval generated from the model (coverage).

Cause	Sex	Start Age	End Age	Root Mean Squared Error		Proportion with Correct Trend		Coverage Proportion	
				In-Sample Test	Out-of-Sample Test	In-Sample Test	Out-of-Sample Test	In-Sample Test	Out-of-Sample Test
Tuberculosis	Females	28-364 days	80+ years	0·526	0·953	0·589	0·575	0·995	0·961
Tuberculosis	Males	28-364 days	80+ years	0·471	0·830	0·600	0·581	0·996	0·964
Diarrheal diseases	Females	0-6 days	1-4 years	0·509	0·894	0·619	0·598	0·995	0·975
Diarrheal diseases	Females	5-9 years	80+ years	0·530	0·954	0·584	0·551	0·994	0·962
Diarrheal diseases	Males	0-6 days	1-4 years	0·540	0·906	0·614	0·593	0·995	0·974
Diarrheal diseases	Males	5-9 years	80+ years	0·527	0·919	0·582	0·553	0·995	0·967
Tetanus	Females	0-6 days	28-364 days	0·646	1·666	0·642	0·624	0·997	0·890
Tetanus	Males	0-6 days	28-364 days	0·728	1·633	0·607	0·611	0·996	0·901
Malaria	Females	5-9 years	80+ years	0·821	1·361	0·525	0·463	0·982	0·910
Malaria	Females	5-9 years	80+ years	0·988	1·486	0·596	0·567	0·988	0·959
Malaria	Females	7-27 days	1-4 years	1·020	1·477	0·605	0·594	0·978	0·953
Malaria	Females	7-27 days	1-4 years	0·654	1·021	0·521	0·589	0·988	0·937
Malaria	Males	5-9 years	80+ years	0·818	1·494	0·597	0·577	0·994	0·950
Malaria	Males	5-9 years	80+ years	0·763	1·451	0·582	0·502	0·995	0·925
Malaria	Males	7-27 days	1-4 years	0·720	1·199	0·639	0·596	0·982	0·920
Malaria	Males	7-27 days	1-4 years	0·924	1·513	0·601	0·583	0·987	0·958
Chagas disease	Females	28-364 days	80+ years	0·486	1·238	0·759	0·593	0·997	0·944
Chagas disease	Males	28-364 days	80+ years	0·657	1·240	0·717	0·603	0·993	0·946
Dengue	Females	28-364 days	80+ years	0·955	1·755	0·617	0·580	0·997	0·968
Dengue	Males	28-364 days	80+ years	0·941	1·756	0·636	0·582	0·996	0·973
Rabies	Females	28-364 days	80+ years	0·708	1·826	0·556	0·537	1·000	0·954
Rabies	Males	28-364 days	80+ years	0·716	1·680	0·561	0·521	1·000	0·944
Other neglected tropical diseases	Females	0-6 days	80+ years	0·735	1·378	0·631	0·523	0·997	0·957
Other neglected tropical diseases	Males	0-6 days	80+ years	0·771	1·358	0·631	0·503	0·997	0·956
Maternal disorders	Females	15-19 years	80+ years	0·516	0·708	0·698	0·617	0·994	0·975
Neonatal disorders	Females	0-6 days	1-4 years	0·412	0·708	0·664	0·585	0·998	0·965
Neonatal disorders	Males	0-6 days	1-4 years	0·447	0·732	0·658	0·599	0·996	0·961
Preterm birth complications	Females	0-6 days	1-4 years	0·517	0·861	0·597	0·589	0·993	0·979
Preterm birth complications	Males	0-6 days	1-4 years	0·529	0·848	0·593	0·576	0·995	0·981
Neonatal encephalopathy (birth asphyxia and birth trauma)	Females	0-6 days	1-4 years	0·611	0·883	0·549	0·539	0·993	0·976
Neonatal encephalopathy (birth asphyxia and birth trauma)	Males	0-6 days	1-4 years	0·591	0·934	0·577	0·553	0·994	0·977

Web Table 6 – Out of sample predictive validity results for CODEm models. The table provides three metrics of out-of-sample and in-sample performance: the root mean-squared error of the natural log of the death rate, proportion of predictions matching the trend in the data,; and the fraction of data included in the 95% uncertainty interval generated from the model (coverage).

Cause	Sex	Start Age	End Age	Root Mean Squared Error		Proportion with Correct Trend		Coverage Proportion	
				In-Sample Test	Out-of-Sample Test	In-Sample Test	Out-of-Sample Test	In-Sample Test	Out-of-Sample Test
Sepsis and other infectious disorders of the newborn baby	Females	0-6 days	1-4 years	0·788	1·198	0·533	0·509	0·989	0·970
Sepsis and other infectious disorders of the newborn baby	Males	0-6 days	1-4 years	0·761	1·195	0·545	0·492	0·991	0·965
Other neonatal disorders	Females	0-6 days	1-4 years	0·640	1·103	0·572	0·541	0·994	0·957
Other neonatal disorders	Males	0-6 days	1-4 years	0·654	1·150	0·566	0·543	0·993	0·945
Nutritional deficiencies	Females	28-364 days	80+ years	0·547	0·907	0·565	0·547	0·996	0·970
Nutritional deficiencies	Males	28-364 days	80+ years	0·531	0·918	0·571	0·546	0·996	0·970
Hepatitis	Females	28-364 days	80+ years	0·546	1·069	0·653	0·539	0·997	0·959
Hepatitis	Males	28-364 days	80+ years	0·576	1·140	0·637	0·529	0·996	0·955
Acute hepatitis A	Females	28-364 days	80+ years	0·653	1·217	0·607	0·551	0·997	0·953
Acute hepatitis A	Males	28-364 days	80+ years	0·656	1·191	0·622	0·537	0·997	0·952
Acute hepatitis B	Females	28-364 days	80+ years	0·663	1·259	0·638	0·522	0·997	0·940
Acute hepatitis B	Males	28-364 days	80+ years	0·677	1·232	0·641	0·516	0·996	0·945
Acute hepatitis C	Females	28-364 days	80+ years	0·959	1·760	0·668	0·509	0·989	0·863
Acute hepatitis C	Males	28-364 days	80+ years	0·982	1·857	0·653	0·492	0·991	0·873
Other infectious diseases	Females	0-6 days	80+ years	0·572	0·899	0·632	0·521	0·996	0·970
Other infectious diseases	Males	0-6 days	80+ years	0·562	0·947	0·638	0·515	0·995	0·962
Esophageal cancer	Females	15-19 years	80+ years	1·043	1·341	0·570	0·523	0·968	0·930
Esophageal cancer	Males	15-19 years	80+ years	0·726	0·991	0·605	0·521	0·978	0·947
Stomach cancer	Females	15-19 years	80+ years	0·691	0·867	0·577	0·543	0·983	0·957
Stomach cancer	Males	15-19 years	80+ years	0·568	0·737	0·610	0·549	0·980	0·949
Liver cancer	Females	0-6 days	80+ years	1·052	1·268	0·602	0·512	0·959	0·937
Liver cancer	Males	0-6 days	80+ years	0·803	1·054	0·603	0·508	0·971	0·929
Larynx cancer	Females	15-19 years	80+ years	1·140	1·455	0·585	0·516	0·970	0·944
Larynx cancer	Males	15-19 years	80+ years	0·761	1·045	0·571	0·532	0·982	0·945
Trachea, bronchus and lung cancers	Females	15-19 years	80+ years	0·714	0·950	0·617	0·509	0·981	0·933
Trachea, bronchus and lung cancers	Males	15-19 years	80+ years	0·548	0·777	0·614	0·522	0·979	0·913
Breast cancer	Females	15-19 years	80+ years	0·418	0·605	0·629	0·523	0·987	0·947
Cervical cancer	Females	15-19 years	80+ years	0·558	0·742	0·611	0·529	0·988	0·971
Uterine cancer	Females	15-19 years	80+ years	0·741	0·969	0·614	0·514	0·983	0·961
Prostate cancer	Males	15-19 years	80+ years	0·786	1·063	0·556	0·525	0·986	0·968
Colon and rectum cancers	Females	15-19 years	80+ years	0·592	0·737	0·632	0·520	0·984	0·962
Colon and rectum cancers	Males	15-19 years	80+ years	0·528	0·717	0·626	0·516	0·983	0·947
Mouth cancer	Females	15-19 years	80+ years	0·927	1·027	0·619	0·506	0·982	0·974
Mouth cancer	Males	15-19 years	80+ years	0·640	0·841	0·626	0·505	0·988	0·965
Nasopharynx cancer	Females	0-6 days	80+ years	1·149	1·413	0·606	0·510	0·973	0·957
Nasopharynx cancer	Males	0-6 days	80+ years	0·935	1·178	0·613	0·509	0·977	0·962
Cancer of other part of pharynx and oropharynx	Females	0-6 days	80+ years	1·136	1·583	0·597	0·506	0·977	0·958

Web Table 6 – Out of sample predictive validity results for CODEm models. The table provides three metrics of out-of-sample and in-sample performance: the root mean-squared error of the natural log of the death rate, proportion of predictions matching the trend in the data,; and the fraction of data included in the 95% uncertainty interval generated from the model (coverage).

Cause	Sex	Start Age	End Age	Root Mean Squared Error		Proportion with Correct Trend		Coverage Proportion	
				In-Sample Test	Out-of-Sample Test	In-Sample Test	Out-of-Sample Test	In-Sample Test	Out-of-Sample Test
Cancer of other part of pharynx and oropharynx	Males	0-6 days	80+ years	0·790	1·124	0·624	0·509	0·984	0·945
Gallbladder and biliary tract cancer	Females	15-19 years	80+ years	1·084	1·370	0·567	0·514	0·972	0·937
Gallbladder and biliary tract cancer	Males	15-19 years	80+ years	1·050	1·348	0·580	0·505	0·969	0·949
Pancreatic cancer	Females	15-19 years	80+ years	1·026	1·319	0·555	0·509	0·966	0·946
Pancreatic cancer	Males	15-19 years	80+ years	0·768	0·966	0·607	0·512	0·975	0·957
Malignant melanoma of skin	Females	15-19 years	80+ years	0·948	1·214	0·622	0·511	0·972	0·948
Malignant melanoma of skin	Males	15-19 years	80+ years	0·857	1·105	0·629	0·507	0·972	0·955
Non-melanoma skin cancer	Females	15-19 years	80+ years	0·616	0·868	0·547	0·527	0·993	0·980
Non-melanoma skin cancer	Males	15-19 years	80+ years	0·596	0·865	0·550	0·514	0·992	0·978
Ovarian cancer	Females	15-19 years	80+ years	0·669	0·834	0·605	0·516	0·976	0·948
Testicular cancer	Males	0-6 days	80+ years	1·035	1·351	0·619	0·513	0·974	0·945
Kidney and other urinary organ cancers	Females	28-364 days	80+ years	1·692	2·039	0·555	0·516	0·916	0·886
Kidney and other urinary organ cancers	Males	28-364 days	80+ years	1·363	1·642	0·583	0·510	0·938	0·909
Bladder cancer	Females	15-19 years	80+ years	0·682	0·916	0·631	0·523	0·986	0·970
Bladder cancer	Males	15-19 years	80+ years	0·553	0·709	0·618	0·523	0·988	0·978
Brain and nervous system cancers	Females	1-4 years	80+ years	1·258	1·658	0·610	0·539	0·947	0·903
Brain and nervous system cancers	Males	1-4 years	80+ years	1·220	1·640	0·608	0·546	0·949	0·909
Thyroid cancer	Females	10-14 years	80+ years	0·792	1·001	0·548	0·520	0·984	0·973
Thyroid cancer	Males	10-14 years	80+ years	1·003	1·216	0·539	0·502	0·975	0·956
Hodgkin's disease	Females	0-6 days	80+ years	1·110	1·361	0·550	0·527	0·973	0·955
Hodgkin's disease	Males	0-6 days	80+ years	0·980	1·228	0·547	0·524	0·973	0·956
Non-Hodgkin's lymphoma	Females	28-364 days	80+ years	0·697	0·858	0·620	0·513	0·980	0·964
Non-Hodgkin's lymphoma	Males	28-364 days	80+ years	0·624	0·801	0·620	0·512	0·986	0·969
Multiple myeloma	Females	15-19 years	80+ years	1·082	1·282	0·566	0·504	0·965	0·947
Multiple myeloma	Males	15-19 years	80+ years	0·958	1·169	0·579	0·504	0·968	0·945
Leukemia	Females	28-364 days	80+ years	0·734	0·822	0·608	0·515	0·981	0·970
Leukemia	Males	28-364 days	80+ years	0·576	0·701	0·635	0·512	0·984	0·972
Other neoplasms	Females	0-6 days	80+ years	0·774	1·087	0·550	0·520	0·985	0·956
Other neoplasms	Males	0-6 days	80+ years	0·808	1·168	0·548	0·506	0·984	0·938
Cardiovascular and circulatory diseases	Females	0-6 days	80+ years	0·347	0·557	0·668	0·620	0·995	0·951
Cardiovascular and circulatory diseases	Males	0-6 days	80+ years	0·309	0·555	0·687	0·616	0·994	0·915
Rheumatic heart disease	Females	1-4 years	80+ years	0·407	0·760	0·629	0·577	0·996	0·943
Rheumatic heart disease	Males	1-4 years	80+ years	0·405	0·746	0·621	0·569	0·998	0·954
Ischemic heart disease	Females	28-364 days	80+ years	0·354	0·651	0·674	0·606	0·996	0·925

Web Table 6 – Out of sample predictive validity results for CODEm models. The table provides three metrics of out-of-sample and in-sample performance: the root mean-squared error of the natural log of the death rate, proportion of predictions matching the trend in the data,; and the fraction of data included in the 95% uncertainty interval generated from the model (coverage).

Cause	Sex	Start Age	End Age	Root Mean Squared Error		Proportion with Correct Trend		Coverage Proportion	
				In-Sample Test	Out-of-Sample Test	In-Sample Test	Out-of-Sample Test	In-Sample Test	Out-of-Sample Test
Ischemic heart disease	Males	28-364 days	80+ years	0·317	0·581	0·680	0·618	0·995	0·899
Cerebrovascular disease	Females	0-6 days	80+ years	0·395	0·647	0·647	0·599	0·993	0·940
Cerebrovascular disease	Males	0-6 days	80+ years	0·414	0·639	0·635	0·594	0·992	0·937
Ischemic stroke	Females	0-6 days	80+ years	0·386	0·667	0·643	0·601	0·997	0·944
Ischemic stroke	Males	0-6 days	80+ years	0·347	0·632	0·655	0·599	0·996	0·932
Hemorrhagic and other non-ischemic stroke	Females	0-6 days	80+ years	0·409	0·668	0·616	0·593	0·995	0·929
Hemorrhagic and other non-ischemic stroke	Males	0-6 days	80+ years	0·419	0·683	0·610	0·590	0·994	0·927
Hypertensive heart disease	Females	28-364 days	80+ years	0·404	0·752	0·635	0·562	0·992	0·922
Hypertensive heart disease	Males	28-364 days	80+ years	0·397	0·755	0·639	0·551	0·992	0·915
Cardiomyopathy and myocarditis	Females	0-6 days	80+ years	0·440	0·771	0·665	0·531	0·996	0·945
Cardiomyopathy and myocarditis	Males	0-6 days	80+ years	0·421	0·792	0·656	0·533	0·996	0·913
Atrial fibrillation and flutter	Females	30-34 years	80+ years	0·556	1·056	0·573	0·536	0·996	0·966
Atrial fibrillation and flutter	Males	30-34 years	80+ years	0·608	1·044	0·561	0·531	0·996	0·961
Aortic aneurysm	Females	15-19 years	80+ years	0·518	0·803	0·565	0·533	0·996	0·970
Aortic aneurysm	Males	15-19 years	80+ years	0·513	0·766	0·540	0·527	0·994	0·948
Peripheral vascular disease	Females	40-44 years	80+ years	0·668	1·401	0·571	0·523	0·990	0·922
Peripheral vascular disease	Males	40-44 years	80+ years	0·720	1·261	0·547	0·516	0·991	0·929
Endocarditis	Females	0-6 days	80+ years	0·472	0·817	0·627	0·529	0·997	0·967
Endocarditis	Males	0-6 days	80+ years	0·479	0·845	0·646	0·528	0·997	0·968
Other cardiovascular and circulatory diseases	Females	0-6 days	80+ years	0·372	0·672	0·654	0·544	0·990	0·947
Other cardiovascular and circulatory diseases	Males	0-6 days	80+ years	0·357	0·712	0·650	0·548	0·990	0·923
Chronic respiratory diseases	Females	0-6 days	80+ years	0·401	0·676	0·636	0·563	0·995	0·940
Chronic respiratory diseases	Males	0-6 days	80+ years	0·355	0·652	0·646	0·578	0·994	0·930
Chronic obstructive pulmonary disease	Females	0-6 days	80+ years	0·398	0·764	0·646	0·548	0·997	0·912
Chronic obstructive pulmonary disease	Males	0-6 days	80+ years	0·370	0·635	0·600	0·551	0·996	0·915
Pneumoconiosis	Females	0-6 days	80+ years	0·749	1·343	0·537	0·546	0·971	0·842
Pneumoconiosis	Males	0-6 days	80+ years	0·675	1·302	0·569	0·554	0·976	0·882
Asthma	Females	1-4 years	80+ years	0·457	0·817	0·637	0·549	0·996	0·940
Asthma	Males	1-4 years	80+ years	0·455	0·848	0·635	0·560	0·997	0·939
Interstitial lung disease and pulmonary sarcoidosis	Females	0-6 days	80+ years	0·590	1·055	0·636	0·510	0·996	0·955
Interstitial lung disease and pulmonary sarcoidosis	Males	0-6 days	80+ years	0·565	1·044	0·645	0·514	0·995	0·945
Other chronic respiratory diseases	Females	0-6 days	80+ years	0·470	0·949	0·643	0·533	0·996	0·921
Other chronic respiratory diseases	Males	0-6 days	80+ years	0·464	1·011	0·633	0·522	0·996	0·906
Cirrhosis of the liver	Females	1-4 years	80+ years	0·414	0·732	0·633	0·547	0·998	0·933
Cirrhosis of the liver	Males	1-4 years	80+ years	0·362	0·658	0·636	0·565	0·997	0·906

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Cause	Sex	Start Age	End Age	Root Mean Squared Error		Proportion with Correct Trend		Coverage Proportion	
				In-Sample Test	Out-of-Sample Test	In-Sample Test	Out-of-Sample Test	In-Sample Test	Out-of-Sample Test
Digestive diseases (except cirrhosis)	Females	1-4 years	80+ years	0·407	0·577	0·634	0·548	0·996	0·970
Digestive diseases (except cirrhosis)	Males	1-4 years	80+ years	0·396	0·585	0·616	0·579	0·993	0·960
Peptic ulcer disease	Females	1-4 years	80+ years	0·516	0·812	0·681	0·654	0·993	0·964
Peptic ulcer disease	Males	1-4 years	80+ years	0·469	0·839	0·657	0·630	0·994	0·961
Gastritis and duodenitis	Females	1-4 years	80+ years	0·721	1·159	0·700	0·625	0·986	0·959
Gastritis and duodenitis	Males	1-4 years	80+ years	0·775	1·418	0·704	0·600	0·984	0·954
Appendicitis	Females	1-4 years	80+ years	0·610	0·922	0·555	0·539	0·995	0·979
Appendicitis	Males	1-4 years	80+ years	0·647	0·912	0·550	0·537	0·994	0·980
Paralytic ileus and intestinal obstruction without hernia	Females	0-6 days	80+ years	0·697	1·093	0·560	0·523	0·989	0·948
Paralytic ileus and intestinal obstruction without hernia	Males	0-6 days	80+ years	0·741	1·084	0·558	0·526	0·988	0·954
Noninfective inflammatory bowel disease	Females	1-4 years	80+ years	0·591	0·932	0·563	0·524	0·997	0·978
Noninfective inflammatory bowel disease	Males	1-4 years	80+ years	0·564	0·888	0·574	0·527	0·997	0·983
Vascular disorders of intestine	Females	1-4 years	80+ years	0·803	1·378	0·658	0·590	0·983	0·943
Vascular disorders of intestine	Males	1-4 years	80+ years	0·819	1·394	0·642	0·612	0·985	0·966
Gall bladder and bile duct disease	Females	1-4 years	80+ years	0·443	0·755	0·573	0·548	0·999	0·988
Gall bladder and bile duct disease	Males	1-4 years	80+ years	0·447	0·792	0·571	0·541	0·999	0·985
Pancreatitis	Females	1-4 years	80+ years	0·692	0·940	0·643	0·576	0·987	0·976
Pancreatitis	Males	1-4 years	80+ years	0·641	1·047	0·619	0·570	0·988	0·953
Other digestive diseases	Females	1-4 years	80+ years	0·488	0·872	0·646	0·576	0·995	0·966
Other digestive diseases	Males	1-4 years	80+ years	0·503	0·776	0·643	0·572	0·994	0·974
Alzheimer's disease and other dementias	Females	5-9 years	45-49 years	0·569	0·883	0·580	0·527	0·997	0·989
Alzheimer's disease and other dementias	Females	50-54 years	80+ years	0·527	0·914	0·594	0·564	0·993	0·933
Alzheimer's disease and other dementias	Males	5-9 years	45-49 years	0·571	0·909	0·567	0·537	0·998	0·987
Alzheimer's disease and other dementias	Males	50-54 years	80+ years	0·532	0·912	0·576	0·548	0·993	0·941
Parkinson's disease	Females	20-24 years	80+ years	0·550	1·044	0·639	0·538	0·995	0·944
Parkinson's disease	Males	20-24 years	80+ years	0·513	0·941	0·642	0·514	0·995	0·957
Epilepsy	Females	28-364 days	80+ years	0·584	0·834	0·556	0·518	0·995	0·984
Epilepsy	Males	28-364 days	80+ years	0·574	0·800	0·558	0·521	0·994	0·983
Multiple sclerosis	Females	20-24 years	80+ years	0·605	0·912	0·545	0·507	0·995	0·983
Multiple sclerosis	Males	20-24 years	80+ years	0·603	0·969	0·552	0·515	0·996	0·977
Other neurological disorders	Females	28-364 days	80+ years	0·460	0·653	0·553	0·515	0·998	0·990

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Cause	Sex	Start Age	End Age	Root Mean Squared Error		Proportion with Correct Trend		Coverage Proportion	
				In-Sample Test	Out-of-Sample Test	In-Sample Test	Out-of-Sample Test	In-Sample Test	Out-of-Sample Test
Other neurological disorders	Males	28-364 days	80+ years	0·464	0·651	0·655	0·514	0·997	0·987
Schizophrenia	Females	25-29 years	80+ years	0·691	1·224	0·560	0·527	0·996	0·962
Schizophrenia	Males	25-29 years	80+ years	0·687	1·237	0·555	0·520	0·995	0·966
Alcohol use disorders	Females	15-19 years	80+ years	0·626	1·292	0·632	0·521	0·995	0·932
Alcohol use disorders	Males	15-19 years	80+ years	0·607	1·184	0·643	0·535	0·992	0·885
Drug use disorders	Females	0-6 days	80+ years	0·690	1·427	0·626	0·518	0·995	0·925
Drug use disorders	Males	0-6 days	80+ years	0·707	1·439	0·619	0·535	0·992	0·917
Diabetes mellitus	Females	0-6 days	20-24 years	0·488	0·797	0·623	0·566	0·997	0·983
Diabetes mellitus	Females	25-29 years	80+ years	0·407	0·668	0·641	0·539	0·993	0·911
Diabetes mellitus	Males	0-6 days	20-24 years	0·460	0·794	0·630	0·564	0·998	0·982
Diabetes mellitus	Males	25-29 years	80+ years	0·406	0·635	0·637	0·535	0·994	0·930
Acute glomerulonephritis	Females	28-364 days	80+ years	0·653	1·141	0·609	0·548	0·999	0·979
Acute glomerulonephritis	Males	28-364 days	80+ years	0·678	1·374	0·611	0·533	0·998	0·945
Chronic kidney diseases	Females	28-364 days	80+ years	0·473	0·766	0·623	0·534	0·995	0·954
Chronic kidney diseases	Males	28-364 days	80+ years	0·427	0·726	0·632	0·534	0·994	0·947
Urinary diseases and male infertility	Females	0-6 days	80+ years	0·545	1·047	0·676	0·603	0·992	0·939
Urinary diseases and male infertility	Males	0-6 days	80+ years	0·595	1·099	0·680	0·598	0·991	0·944
Tubulointerstitial nephritis, pyelonephritis, and urinary tract	Females	1-4 years	80+ years	0·575	0·992	0·637	0·538	0·995	0·950
Tubulointerstitial nephritis, pyelonephritis, and urinary tract	Males	1-4 years	80+ years	0·563	0·902	0·631	0·533	0·995	0·961
Urolithiasis	Females	5-9 years	80+ years	0·649	1·134	0·607	0·539	0·996	0·967
Urolithiasis	Males	5-9 years	80+ years	0·628	1·104	0·614	0·549	0·997	0·964
Gynecological diseases	Females	15-19 years	80+ years	0·882	1·291	0·535	0·512	0·985	0·950
Hemoglobinopathies and hemolytic anemias	Females	0-6 days	80+ years	0·510	0·858	0·614	0·530	0·998	0·974
Hemoglobinopathies and hemolytic anemias	Males	0-6 days	80+ years	0·492	0·773	0·622	0·530	0·999	0·985
Other endocrine, nutritional, blood, and immune disorders	Females	0-6 days	80+ years	0·700	1·474	0·604	0·515	0·986	0·878
Other endocrine, nutritional, blood, and immune disorders	Males	0-6 days	80+ years	0·726	1·496	0·594	0·510	0·986	0·885
Musculoskeletal disorders	Females	0-6 days	80+ years	0·591	1·006	0·620	0·513	0·993	0·946
Musculoskeletal disorders	Males	0-6 days	80+ years	0·558	0·981	0·634	0·519	0·996	0·955
Rheumatoid arthritis	Females	0-6 days	80+ years	0·503	1·044	0·655	0·517	0·996	0·932
Rheumatoid arthritis	Males	0-6 days	80+ years	0·523	1·067	0·647	0·513	0·996	0·916
Other musculoskeletal disorders	Females	0-6 days	80+ years	0·551	1·280	0·629	0·513	0·987	0·889
Other musculoskeletal disorders	Males	0-6 days	80+ years	0·598	1·121	0·583	0·509	0·989	0·920
Congenital anomalies	Females	0-6 days	80+ years	0·438	0·799	0·624	0·526	0·997	0·957
Congenital anomalies	Males	0-6 days	80+ years	0·428	0·796	0·617	0·526	0·997	0·952
Neural tube defects	Females	0-6 days	80+ years	0·598	1·165	0·544	0·529	0·998	0·969

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Cause	Sex	Start Age	End Age	Root Mean Squared Error		Proportion with Correct Trend		Coverage Proportion	
				In-Sample Test	Out-of-Sample Test	In-Sample Test	Out-of-Sample Test	In-Sample Test	Out-of-Sample Test
Neural tube defects	Males	0-6 days	80+ years	0·566	1·099	0·552	0·529	0·998	0·974
Congenital heart anomalies	Females	0-6 days	80+ years	0·505	0·798	0·555	0·517	0·997	0·974
Congenital heart anomalies	Males	0-6 days	80+ years	0·449	0·763	0·563	0·520	0·997	0·977
Cleft lip and cleft palate	Females	0-6 days	1-4 years	0·656	1·306	0·525	0·510	1·000	0·967
Cleft lip and cleft palate	Males	0-6 days	1-4 years	0·676	1·406	0·553	0·526	0·996	0·951
Down's syndrome	Females	0-6 days	80+ years	0·605	1·094	0·549	0·513	0·997	0·973
Down's syndrome	Males	0-6 days	80+ years	0·581	1·048	0·554	0·514	0·998	0·977
Other chromosomal	Females	0-6 days	80+ years	0·622	1·197	0·563	0·515	0·996	0·959
Other chromosomal	Males	0-6 days	80+ years	0·596	1·222	0·556	0·516	0·997	0·951
Other congenital anomalies	Females	0-6 days	80+ years	0·667	1·129	0·550	0·513	0·992	0·958
Other congenital anomalies	Males	0-6 days	80+ years	0·630	1·020	0·548	0·510	0·992	0·961
Skin and subcutaneous diseases	Females	28-364 days	80+ years	0·533	0·940	0·648	0·535	0·998	0·960
Skin and subcutaneous diseases	Males	28-364 days	80+ years	0·501	0·900	0·646	0·529	0·998	0·970
Sudden infant death syndrome	Females	7-27 days	28-364 days	0·727	1·276	0·570	0·532	0·990	0·918
Sudden infant death syndrome	Males	7-27 days	28-364 days	0·683	1·247	0·580	0·529	0·991	0·927
Transport injuries	Females	0-6 days	80+ years	0·428	0·688	0·618	0·544	0·994	0·963
Transport injuries	Males	0-6 days	80+ years	0·382	0·618	0·629	0·559	0·993	0·950
Road injury	Females	0-6 days	80+ years	0·419	0·704	0·631	0·542	0·994	0·955
Road injury	Males	0-6 days	80+ years	0·413	0·653	0·624	0·555	0·992	0·952
Pedestrian injury by road vehicle	Females	0-6 days	80+ years	0·557	0·934	0·621	0·546	0·992	0·954
Pedestrian injury by road vehicle	Males	0-6 days	80+ years	0·544	0·961	0·626	0·549	0·988	0·917
Pedal cycle vehicle	Females	1-4 years	80+ years	0·584	1·045	0·633	0·521	0·992	0·949
Pedal cycle vehicle	Males	1-4 years	80+ years	0·611	1·035	0·625	0·523	0·988	0·932
Motorized vehicle with two wheels	Females	0-6 days	80+ years	0·545	1·063	0·640	0·534	0·989	0·951
Motorized vehicle with two wheels	Males	0-6 days	80+ years	0·580	1·035	0·645	0·534	0·985	0·935
Motorized vehicle with three or more wheels	Females	0-6 days	80+ years	0·454	0·696	0·613	0·530	0·989	0·941
Motorized vehicle with three or more wheels	Males	0-6 days	80+ years	0·446	0·656	0·626	0·555	0·982	0·945
Road injury other	Females	0-6 days	80+ years	0·824	1·451	0·609	0·531	0·992	0·918
Road injury other	Males	0-6 days	80+ years	0·823	1·665	0·628	0·536	0·991	0·872
Other transport injury	Females	0-6 days	80+ years	0·738	1·197	0·613	0·523	0·987	0·941
Other transport injury	Males	0-6 days	80+ years	0·738	1·276	0·625	0·525	0·984	0·922
Falls	Females	0-6 days	80+ years	0·532	0·839	0·637	0·528	0·994	0·966
Falls	Males	0-6 days	80+ years	0·545	0·845	0·626	0·537	0·990	0·940
Drowning	Females	0-6 days	80+ years	0·570	0·897	0·622	0·527	0·993	0·971
Drowning	Males	0-6 days	80+ years	0·546	0·867	0·630	0·541	0·990	0·948
Fire, heat and hot substances	Females	0-6 days	80+ years	0·589	0·903	0·613	0·532	0·993	0·964
Fire, heat and hot substances	Males	0-6 days	80+ years	0·586	0·861	0·622	0·538	0·993	0·966
Poisonings	Females	0-6 days	80+ years	0·594	1·027	0·629	0·538	0·996	0·958

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Cause	Sex	Start Age	End Age	Root Mean Squared Error		Proportion with Correct Trend		Coverage Proportion	
				In-Sample Test	Out-of-Sample Test	In-Sample Test	Out-of-Sample Test	In-Sample Test	Out-of-Sample Test
Poisonings	Males	0-6 days	80+ years	0·637	1·088	0·619	0·535	0·993	0·944
Exposure to mechanical forces	Females	0-6 days	80+ years	0·628	1·028	0·611	0·538	0·995	0·956
Exposure to mechanical forces	Males	0-6 days	80+ years	0·609	0·960	0·614	0·539	0·992	0·950
Mechanical forces (firearm)	Females	0-6 days	80+ years	0·664	1·287	0·638	0·525	0·998	0·949
Mechanical forces (firearm)	Males	0-6 days	80+ years	0·665	1·317	0·655	0·533	0·995	0·937
Mechanical forces (other)	Females	0-6 days	80+ years	0·577	1·055	0·646	0·525	0·997	0·969
Mechanical forces (other)	Males	0-6 days	80+ years	0·637	1·111	0·635	0·517	0·993	0·947
Adverse effects of medical treatment	Females	0-6 days	80+ years	0·638	1·102	0·634	0·525	0·996	0·957
Adverse effects of medical treatment	Males	0-6 days	80+ years	0·570	1·163	0·648	0·517	0·995	0·932
Animal contact	Females	0-6 days	80+ years	0·578	0·932	0·587	0·518	0·997	0·982
Animal contact	Males	0-6 days	80+ years	0·632	0·960	0·586	0·522	0·997	0·978
Animal contact (venomous)	Females	0-6 days	80+ years	0·625	1·054	0·629	0·524	0·999	0·981
Animal contact (venomous)	Males	0-6 days	80+ years	0·667	1·069	0·635	0·517	0·997	0·981
Animal contact (non-venomous)	Females	0-6 days	80+ years	0·579	0·997	0·603	0·513	0·999	0·979
Animal contact (non-venomous)	Males	0-6 days	80+ years	0·665	1·060	0·615	0·508	0·998	0·976
Unintentional injuries not classified elsewhere	Females	0-6 days	80+ years	0·468	0·823	0·623	0·524	0·997	0·931
Unintentional injuries not classified elsewhere	Males	0-6 days	80+ years	0·430	0·796	0·629	0·533	0·995	0·906
Self-harm	Females	5-9 years	80+ years	0·479	0·818	0·627	0·529	0·994	0·938
Self-harm	Males	5-9 years	80+ years	0·448	0·757	0·635	0·529	0·991	0·910
Interpersonal violence	Females	0-6 days	80+ years	0·597	0·863	0·649	0·532	0·990	0·970
Interpersonal violence	Males	0-6 days	80+ years	0·575	0·882	0·641	0·540	0·988	0·950
Assault by firearm	Females	0-6 days	80+ years	0·697	1·175	0·608	0·518	0·994	0·944
Assault by firearm	Males	0-6 days	80+ years	0·655	1·401	0·647	0·523	0·987	0·888
Assault by sharp object	Females	0-6 days	80+ years	0·610	0·901	0·647	0·514	0·995	0·979
Assault by sharp object	Males	0-6 days	80+ years	0·586	0·959	0·644	0·524	0·993	0·956
Assault by other means	Females	0-6 days	80+ years	0·595	0·880	0·620	0·519	0·995	0·977
Assault by other means	Males	0-6 days	80+ years	0·587	0·939	0·639	0·527	0·993	0·962
A.2.6 and A.2.7)	Females	0-6 days	1-4 years	0·515	0·744	0·573	0·571	0·997	0·986
* Meningitis and encephalitis (parent to meningitis and encephalitis)	Females	5-9 years	80+ years	0·526	0·753	0·552	0·531	0·997	0·983
* Meningitis and encephalitis (parent to meningitis and encephalitis)	Males	0-6 days	1-4 years	0·533	0·769	0·577	0·566	0·996	0·985

Web Table 6 – Out of sample predictive validity results for CODEm models. The table provides three metrics of out-of-sample and in-sample performance: the root mean-squared error of the natural log of the death rate, proportion of predictions matching the trend in the data,; and the fraction of data included in the 95% uncertainty interval generated from the model (coverage).

Cause	Sex	Start Age	End Age	Root Mean Squared Error		Proportion with Correct Trend		Coverage Proportion	
				In-Sample Test	Out-of-Sample Test	In-Sample Test	Out-of-Sample Test	In-Sample Test	Out-of-Sample Test
* Meningitis and encephalitis (parent to meningitis and encephalitis)	Males	5-9 years	80+ years	0·516	0·719	0·551	0·528	0·996	0·983
* Acute respiratory infections (parent to lower respiratory infections, upper respiratory infections, and otitis media)	Females	0-6 days	1-4 years	0·464	0·716	0·617	0·603	0·996	0·983
* Acute respiratory infections (parent to lower respiratory infections, upper respiratory infections, and otitis media)	Females	5-9 years	80+ years	0·442	0·650	0·571	0·543	0·996	0·967
* Acute respiratory infections (parent to lower respiratory infections, upper respiratory infections, and otitis media)	Males	0-6 days	1-4 years	0·475	0·720	0·618	0·602	0·994	0·979
* Acute respiratory infections (parent to lower respiratory infections, upper respiratory infections, and otitis media)	Males	5-9 years	80+ years	0·412	0·662	0·573	0·547	0·996	0·941
* Other unintentional (parent to adverse effects of medical treatment, animal contact, and unintentional injuries not classified elsewhere)	Females	0-6 days	80+ years	0·494	0·807	0·639	0·532	0·994	0·958
* Other unintentional (parent to adverse effects of medical treatment, animal contact, and unintentional injuries not classified elsewhere)	Males	0-6 days	80+ years	0·471	0·810	0·635	0·531	0·993	0·936

* These CodCorrect causes are not included in the reporting list

C. Estimation strategy or diarrhea, lower respiratory infections, cirrhosis, liver cancer, maternal causes, meningitis, and chronic kidney disease aetiologies

These are the first comprehensive analyses of aetiologies for a set of mutually exclusive and collectively exhaustive categories with the exception of the subcauses of maternal mortality. In order to estimate mortality by aetiological agent or disease, proportions of deaths by cause from various studies and data sources were modeled separately in DisMod-MR and applied to the overall mortality estimates for diarrheal diseases, lower respiratory infection, cirrhosis, liver cancer, maternal disorders, meningitis, and chronic kidney disease. The data for these proportions were obtained from vital registration systems, systematic literature reviews, and renal registries (Web Table 7).

Web Table 7 - Data sources used for aetiological proportion modelling for selected causes

Disease	Data sources for aetiology	Aetiologies
Diarrhea	Published systematic reviews and updates, community-cohort study	Amoebiasis, campylobacter enteritis, cholera, cryptosporidiosis, Enteropathogenic E coli infection, Enterotoxigenic E coli infection, rotavirus enteritis, other salmonella infections, shigellosis
Lower respiratory infection	Published systematic literature reviews and updates	Influenza, Pneumococcal pneumonia, H influenzae type B pneumonia, respiratory syncytial virus pneumonia, other lower respiratory infection
Cirrhosis and liver cancer	Systematic literature reviews	Alcohol intake, hepatitis B, hepatitis C, other
Maternal disorders	Vital registration data, systematic literature review	Hemorrhage, sepsis, hypertensive disorders, obstructed labor, abortion, other
Meningitis	Systematic literature reviews	Streptococcus pneumonia meningitis, H influenzae type B meningitis, meningococcal infection, other bacterial meningitis
Chronic kidney disease	Systematic literature reviews, renal replacement therapy registries	Diabetes mellitus, hypertension

Diarrheal diseases

We took advantage of recently published systematic reviews on different aetiologies. These reviews were then updated to identify studies published after the completion of the published reviews, including several clinical trial studies for rotavirus.[468–478] We included all studies from these sources except those that did not fit our inclusion criteria. We excluded: case-control studies that did not include data for controls; studies that provided no measurements, only estimates; studies that did not include the proportion of diarrhea cases with positive laboratory tests for at least one pathogen; studies that were conducted for fewer than 12 months to avoid effects of seasonality; studies that only reported data for HIV-positive patients; and studies that looked at travelers. Due to the paucity of regional data for a given aetiology, we included subnational studies in our database, but excluded studies of populations experiencing outbreaks of diarrhea due to a pathogen (such as cholera epidemics). We also obtained unpublished data on the fraction of diarrheal deaths by aetiology from a large community cohort study in Pakistan and national surveillance reports for rotavirus from the WHO. Web Table 8 shows the number of studies used by aetiology and GBD region. In total, we included 189 studies between the years 1975 to 2010 in our database for all seven of the GBD super-regions and 20 of the 21 GBD regions. Rotavirus had the greatest number of studies at 126, and amoebiasis had the least amount of data available with only 14 studies. We included data from inpatient, outpatient, case-control, clinical trial, and community-based studies.

Web Table 8 - Distribution of diarrheal disease data for each specific aetiological agent by geographic. As mentioned previously, "other diarrheal diseases" was modeled separately

Region	Amoebiasis	Campylobacter enteritis	Cholera	Cryptosp-oridiosis	EPEC	ETEC	Rotavirus enteritis	Other salmonella infections	Shigellosis
High-income Asia Pacific	0	5	1	4	0	0	5	5	5
Central Asia	0	0	0	0	0	0	18	0	0
East Asia	0	0	0	0	0	0	4	0	1
South Asia	20	22	30	21	6	26	34	13	34
Southeast Asia	1	9	10	0	1	9	48	3	18
Australasia	0	0	0	0	0	0	0	0	0
Caribbean	0	0	0	0	0	0	5	0	0
Central Europe	0	0	0	0	0	0	7	0	0
Eastern Europe	0	0	0	0	0	0	21	0	0
Western Europe	0	11	0	4	5	0	45	11	9

Andean Latin America	0	5	3	4	1	3	9	2	5
Central Latin America	4	3	0	10	1	5	20	4	8
Southern Latin America	0	0	0	0	0	0	14	0	5
Tropical Latin America	1	0	2	7	2	2	30	3	6
North Africa and Middle East	0	5	2	7	3	1	32	4	5
High-income North America	0	2	0	0	0	2	2	2	2
Oceania	0	0	0	0	0	0	11	0	0
Central sub-Saharan Africa	0	0	0	0	0	0	1	0	0
Eastern sub-Saharan Africa	1	1	2	5	2	2	17	1	3
Southern sub-Saharan Africa	1	1	1	1	1	1	17	1	1
Western sub-Saharan Africa	2	2	0	3	5	7	9	7	9
Total	**30**	**66**	**51**	**66**	**27**	**58**	**349**	**56**	**111**

From each of the included studies, we extracted the proportion of laboratory-confirmed pathogens from sampled stools and the number of pathogens for which each stool was tested. For rotavirus, we also included efficacy of rotavirus vaccine in all-cause severe diarrheal cases from clinical trial studies as well as percent change in diarrheal mortality due to introduction of rotavirus vaccine from observational studies.

We estimated the proportion of diarrheal diseases due to each aetiology using DisMod-MR, a Bayesian meta-regression tool that is built on an age-integrating mixed-effects negative binomial model. One of the capacities of DisMod-MR is to include both country-level covariates to account for variation across countries and study-level covariates to account for systematic variation across different types and sources of data. We included as a study-level covariate whether the study population investigated for the aetiology of diarrheal diseases was in inpatient or outpatient/community-based settings. Estimates for inpatients were deemed representative of severe cases of diarrheal diseases, whereas estimates for outpatient or community-based settings were representative of all cases of diarrheal diseases. Outpatient/community-based studies were set as the reference category in the model so that the resultant proportions would be applicable to all cases of diarrheal diseases. We also included the number of pathogens for which each stool was tested as a study-level covariate. There were several studies that only tested for one pathogen, which we believed would systematically bias the prevalence of the given aetiological agent upwards. In these studies, multiple pathogens cannot be detected and thus single pathogens would be overestimated. We created three bins for the number of pathogens tested in each study to account for this bias: one pathogen tested, two to eight pathogens tested, and more than nine pathogens tested. Studies with two to eight pathogens tested were set as the reference category. The log-transformation of lag-distributed income was included as a country-level covariate for all pathogens except for EPEC, ETEC, cholera, and rotavirus. Lag-distributed income was excluded from the modelling of these four pathogens as there was no apparent relationship in separate analyses.

We separately modeled “other diarrheal diseases” in a non-DisMod environment as the pathogens included in this residual category differed by study. We calculated the residual by subtracting from 1 the summed pathogen-specific proportions from each study. We then ran a linear regression on the logit-transformed proportion of this residual proportion, and included dummy variables for each specific aetiological agent, ages under 5, and year. We predicted for the proportion of “other diarrheal diseases” given the presence of all nine other pathogens. Web Figure 2 shows the coefficients from the estimation of “other diarrheal diseases.”

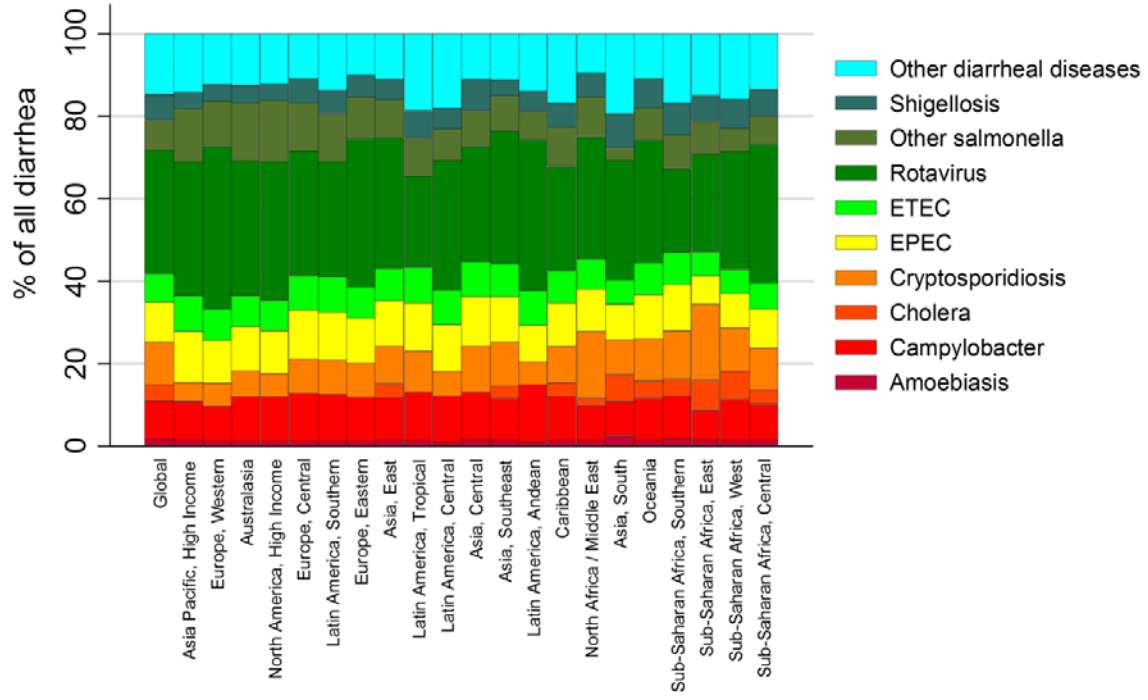
Web Figure 2: Coefficients from regression for the proportion of other diarrheal diseases

Source	SS	df	MS		
Model	361.818412	18	20.1010229	Number of obs =	519
Residual	483.736412	500	.967472824	F(18, 500) =	20.78
				Prob > F =	0.0000
				R-squared =	0.4279
				Adj R-squared =	0.4073
Total	845.554824	518	1.63234522	Root MSE =	.9836

lt_resid	Coef.	Std. Err.	t	P>|t|	[95% Conf.	Interval]
year						
2005	-.0124825	.1587064	-0.08	0.937	-.3242961	.2993312
2010	-.3253631	.1206928	-2.70	0.007	-.5624907	-.0882356
super_region						
2	-.2642807	.1853741	-1.43	0.155	-.6284889	.0999276
3	.27151	.1767053	1.54	0.125	-.0756665	.6186864
4	-.2641363	.1867773	-1.41	0.158	-.6311013	.1028288
5	.5226368	.1591722	3.28	0.001	.209908	.8353656
6	-.1877395	.1569597	-1.20	0.232	-.4961214	.1206424
7	.3453589	.1558984	2.22	0.027	.0390622	.6516557
under5	-.7320587	.102914	-7.11	0.000	-.9342559	-.5298615
cholera_in~c	.1053907	.1747696	0.60	0.547	-.2379825	.4487639
salmonella~c	.272242	.2108487	1.29	0.197	-.1420167	.6865006
shigellosi~c	-1.013587	.1958726	-5.17	0.000	-1.398422	-.6287527
epec_indic	-.2758764	.244431	-1.13	0.260	-.7561149	.204362
etec_indic	-.7799129	.1922717	-4.06	0.000	-1.157673	-.402153
campylobac~c	-.7001584	.1823015	-3.84	0.000	-1.05833	-.341987
amoebiasis~c	-.1172156	.2181341	-0.54	0.591	-.5457881	.3113569
cryptospor~c	-.210567	.1759785	-1.20	0.232	-.5563155	.1351816
rotavirus_~c	-1.543862	.1852284	-8.33	0.000	-1.907784	-1.17994
_cons	3.333385	.2023832	16.47	0.000	2.935758	3.731011

The model results for each aetiology were corrected using the coefficient on the indicator variable for outpatient/community-based data points in order to now represent inpatient, or severe, cases of diarrhea. The results were then scaled such that the proportions summed to one across all aetiologies. Country/age/sex-specific proportions were averaged, weighted by population, to obtain region-age-sex-specific proportions for each aetiology, which were applied to the diarrheal cause of death estimates to obtain aetiology-specific cause of death estimates. Web Figure 3 displays the aetiological proportions for each region averaged across age and sex for children under 5 in 2010.

Web Figure 3: Aetiological cause composition by region for severe cases of diarrheal diseases in under 5, 2010



Lower respiratory infections

We split lower respiratory infections (LRI) into four aetiological categories – influenza, pneumococcal pneumonia, H influenza type B (Hib) pneumonia, respiratory syncytial virus (RSV) pneumonia – and a residual category, termed "other lower respiratory infections."

Aetiologic cause fraction estimation began with recent systematic reviews on aetiology by Black et al.,[479,79,78] Watt et al.,[480] and O'Brien et al.;[481] and literature reviews by the World Health Organization (WHO)[482] and Rudan et al.[483] We included all studies from these sources that were not omitted based on the following exclusion criteria: studies not representative of the national population; studies that provide no data on prevalence, incidence, or mortality due to lower respiratory infection; studies that include interventions with no controls; studies that provide no raw data, only estimates; studies performed before 1980; case studies or studies with sample size less than 50; and studies that do not include aetiology of LRI.

To supplement these data, we systematically searched the literature from 2006 to September 2011 using the following search criteria: (((pneumonia[Title/Abstract]) AND etiology[Title/Abstract]) AND "2006"[Publication Date] : "3000"[Publication Date]) AND "0"[Publication Date] : "3000"[Publication Date]. We received 503 hits from PubMed and excluded studies according to the exclusion criteria detailed above. In total, 54 studies were added to our analysis.

Web Table 9 provides the regional distribution of data for each aetiology. Estimates for "other lower respiratory infections" were used only from studies that provided estimates for each of the other four aetiologies of interest. Studies reporting estimates for only bacterial or only viral agents were excluded from the analysis.

Web Table 9 - Distribution of data for LRI aetiologies by geographic region

GBD Region	Influenza	Pneumococcal pneumonia	Hib pneumonia	RSV pneumonia	Other lower respiratory infections
High-income Asia Pacific	5	8	8	4	4
Central Asia	0	0	0	0	0
East Asia	7	9	8	8	6
South Asia	3	3	3	3	2
Southeast Asia	8	6	4	8	3
Australasia	1	1	1	1	1
Caribbean	0	0	0	0	0
Central Europe	0	0	0	0	0
Eastern Europe	0	0	0	0	0
Western Europe	7	12	7	6	3
Andean Latin America	1	1	1	1	1
Central Latin America	0	0	0	0	0
Southern Latin America	3	3	4	3	3
Tropical Latin America	1	1	1	3	1
North Africa and Middle East	3	2	2	3	2
High-income North America	0	2	0	0	0
Oceania	0	0	0	1	0
Central sub-Saharan Africa	0	0	0	0	0
Eastern sub-Saharan Africa	0	1	0	0	0
Southern sub-Saharan Africa	0	2	0	0	0
Western sub-Saharan Africa	4	7	7	5	5
Total	**43**	**58**	**46**	**46**	**31**

Previous studies [480,481] of the burden of disease caused by *Streptococcus pneumoniae* and *H influenza type B* have used efficacy trials of the pneumococcal[484–487] and Hib[488–491] conjugate vaccines to determine the proportion of LRI deaths due to pneumococcal pneumonia and Hib pneumonia because the efficacy trial data is believed to be of the highest available quality. However, both the trial data and observational data from the literature suggest notable regional variation in the proportion of LRI deaths due to these aetiologies, and the trial data are available only from the United States, South Africa, Gambia, and Philippines for pneumococcal pneumonia and from Gambia, Indonesia, Bangladesh, and Chile for Hib pneumonia. We therefore included both observational data and efficacy trial data in our analysis. In order to reflect increased confidence in the estimates provided by the trial data, we increased the effective sample size of those studies by a factor of 10 to give them greater weight in the metaregression.

We estimated the proportion of LRI due to each aetiology using the DisMod-MR data model. We included Hib3 immunization coverage as a country-level covariate for estimation of the proportion of LRI due to Hib pneumonia, and health system access as a country-level covariate for each of the five aetiologies. We included as a study-level covariate whether the study investigated the aetiology of LRI in inpatients or in an outpatient/community-based setting. Estimates for inpatients were deemed representative of severe cases of LRI, whereas estimates for outpatient or community-based settings were representative of all cases of LRI. For the efficacy trial data, we considered clinical pneumonia to be analogous to all cases of LRI and chest radiography-positive pneumonia to be analogous to severe cases of LRI, so proportions corresponding to clinical and chest radiography-positive pneumonia were coded as outpatient and inpatient, respectively. Inpatient studies were set as the reference category in the model so that the resultant proportions would be applicable to severe cases of LRI leading to mortality. Because of the lack of sufficient RSV pneumonia data to obtain a plausible age trend of this aetiology, we scaled the sum of the proportion of LRI due to RSV in ages 2 to 4 to 25% of the sum of the proportion in ages 0 to 1 based on the pattern of admissions for RSV pneumonia observed in US hospital data. We assumed the proportion of LRI due to RSV for all ages 5 and above is 0·01.

Liver cirrhosis and liver cancer

We estimated the fraction of cases of liver cirrhosis and liver cancer related to alcohol consumption, hepatitis B virus infection, hepatitis C virus infection, and other. The latter category, "other," includes idiopathic and less common aetiologies of either disease, for example, hemochromatosis. We used the same approach in calculating fractions related the aforementioned exposure groups for both liver cirrhosis and liver cancer.

We systematically searched the literature for studies on the aetiology of liver cancer and cirrhosis. We extracted data from published literature on prevalence of heavy alcohol intake, chronic viral hepatitis B infection, or chronic viral hepatitis C infection in patients with liver cirrhosis or liver cancer. Liver cirrhosis cases included clinically or biopsy-confirmed diagnosed cases. Liver cancer cases included cases of primary liver cancer diagnosed using biopsy, biomarker levels, or relevant imaging modalities. We defined heavy exposure to alcohol as any case with reported alcoholism, alcohol abuse, history of alcoholic liver disease, or alcohol intake exceeding 60g/day for at least 5 years. Data on alcohol intake was poorly documented and more often reported qualitatively, rendering standardization of intake across studies difficult. Chronic infection with hepatitis B and hepatitis C were defined as a positive hepatitis B surface antigen (HbsAg) test and hepatitis C virus antibodies (anti-HCV) serology, respectively. The group "other" consisted of cases that did not report heavy alcohol intake and those that tested negative for HbsAg and anti-HCV antibodies. We allowed overlap of exposures in cases, so cases with more than one exposure were counted in the fraction of cases due to each aetiology.

Web Tables 10a and 10b summarize the number of studies for each disease type by exposure group, by time period, and by region, identified in the literature that fit our definitions on cases and exposures.

Web Table 10a - Total number of studies for liver cirrhosis and liver cancer by exposure group and time period

	Number of studies	Period
Liver cirrhosis		
Alcohol	33	1989 – 2009
Hepatitis B	55	1988 – 2009
Hepatitis C	74	1988 – 2009
Other	28	1991 – 2008
Liver cancer		
Alcohol	53	1990 – 2009
Hepatitis B	111	1990 – 2009
Hepatitis C	111	1990 – 2009
Other	23	1990 – 2009

Web Table 10b - Total number of studies for liver cirrhosis and liver cancer by exposure group and geographic region

	Liver Cirrhosis				Liver Cancer			
Region	**Alcohol**	**Hepatitis B**	**Hepatitis C**	**Other**	**Alcohol**	**Hepatitis B**	**Hepatitis C**	**Other**
High-income Asia Pacific	6	6	6	8	4	9	9	2
Central Asia	0	1	1	0	0	7	7	0
East Asia	1	2	2	0	1	3	3	0
South Asia	3	9	22	4	4	9	9	2
Southeast Asia	3	5	5	1	2	5	5	0
Australasia	0	0	0	0	1	1	1	0

Caribbean	0	0	0	0	0	0	0	0
Central Europe	1	1	1	1	0	1	1	0
Eastern Europe	1	2	2	1	0	1	0	0
Western Europe	6	4	4	5	16	25	25	10
Andean Latin America	1	1	1	1	0	1	1	0
Central Latin America	5	4	5	3	0	2	2	0
Southern Latin America	0	0	0	0	1	1	1	1
Tropical Latin America	0	0	0	0	2	3	3	2
North Africa and Middle East	3	10	10	3	10	15	15	3
High-income North America	2	3	4	1	10	12	12	2
Oceania	0	0	0	0	0	0	0	0
Central sub-Saharan Africa	0	0	4	0	0	2	2	0
Eastern sub-Saharan Africa	0	3	3	0	1	3	3	0
Southern sub-Saharan Africa	0	1	1	0	0	3	3	0
Western sub-Saharan Africa	1	3	3	0	1	8	9	1
Total	**33**	**55**	**74**	**28**	**53**	**111**	**111**	**23**

Data on age ranges of study participants in studies were not always indicated. This information, however, was important to estimate an age-specific pattern. We handled missing age ranges as follows: (i) if a mean/median and a standard deviation (SD) were reported, we assigned the start and end age as mean/mean -/+ 2*SD; (ii) if only a mean/median was reported, we assumed the age range was found between the mean/median -/+ 15 years; (iii) if no information on age was supplied, we assumed an age range of 25 to 85 in the case of liver cirrhosis and 35 to 85 years in the case of liver cancer. Our algorithm on assigning age ranges for study participants was derived from those studies in which the age patterns and ranges were reported.

We used meta-regression in DisMod-MR to estimate country-year-age-sex-specific fractions of exposure in cases. For each disease, we modeled each exposure separately and adjusted for alcohol intake, hepatitis B infection, and hepatitis C infection. Alcohol intake consisted of country-level alcohol consumption in liters per capita. Hepatitis B and C infections consisted of country-year specific prevalence of seropositive HbsAg and anti-HCV antibodies, respectively. We used the natural logarithm form of the hepatitis seroprevalence covariates in order to account for the right-skewed distribution of these variables.

For each condition we rescaled the fractions of exposure in cases, namely alcohol intake, chronic hepatitis B infections, chronic hepatitis C infection, and other to a value of one. Each fraction of exposure was rescaled according to the uncertainty around it. Hence, fractions known with higher precision will not be affected as much by this rescaling as compared to fractions with lower precision values. This step was important to allow for a categorical attribution of each exposure to the cases so that the sum of fractions in each country-year-age-sex category is equal to one.

Maternal disorders

We estimate the subcauses of maternal mortality using published studies and selective VR data. The fraction of maternal deaths due to each sub-cause has been modeled using a strategy similar to the aetiologies of diarrhea and LRI.

Cause-specific estimation of maternal disorders included cause-specific data from the GBD Cause of Death database as well as published studies identified in a systematic literature review and update. Data for six causes were included: hemorrhage, sepsis, hypertensive disorders, obstructed labor, abortion, and other maternal disorders. We began with a WHO review of cause-specific attribution of maternal condition deaths and updated it to capture more recently published studies.[492] We identified a total of 67 published studies. See Web Table 11 for the number of data points by region for each cause (each data point is age- and year-specific).

Web Table 11 - Total number of data points for maternal disorders by region and cause

Region	Hemorrhage	Sepsis	Hypertensive disorders	Obstructed labor	Abortion	Other
Central Latin America	243	243	243	241	241	155
Central Asia	185	185	185	185	185	25
North Africa and Middle East	139	139	139	137	137	59
Western Europe	108	107	109	97	106	72

Southeast Asia	107	107	107	106	107	60
Caribbean	95	95	95	90	95	52
Tropical Latin America	78	79	79	78	79	60
Andean Latin America	79	79	79	76	76	36
Eastern Europe	74	74	74	74	74	3
Southern Latin America	68	68	68	65	68	35
Central Europe	61	61	61	61	61	23
High-income Asia Pacific	44	44	44	44	44	36
Southern sub-Saharan Africa	40	40	40	34	40	21
High-income North America	39	39	39	38	39	39
East Asia	35	35	35	0	35	35
South Asia	35	34	35	33	35	25
Oceania	6	6	6	6	6	0
Western sub-Saharan Africa	4	4	4	2	4	2
Eastern sub-Saharan Africa	2	2	3	1	2	1
Central sub-Saharan Africa	1	1	1	0	1	0
Australasia	1	1	1	1	1	0
Total	**1444**	**1443**	**1446**	**1370**	**1436**	**740**

We extracted the deaths due to overall maternal disorders and due to each of the specific causes from raw VR data and calculated the fraction of deaths due to each of the specific causes. We only included estimates for other maternal condition and sepsis fractions if all other five causes were present to avoid overestimating the "other" and sepsis categories. Similarly, we had several countries using the ICD-9 USSR tabulation or ICD 8, which only reported overall maternal condition- and abortion-related deaths but not any other causes; we excluded these country-years only reporting abortion deaths. To reduce noise due to small death numbers, we summed deaths across five-year groups before generating cause-specific fractions. We excluded those observations for which there were fewer than 10 total maternal deaths reported for that country, year, and age-group.

For the literature review data, the "other" cause was only included if all five other categories were also present. Additionally, we subtracted HIV deaths from the "other" category when these were provided by the study and estimated the number of HIV deaths based on the HIV correction we make for all maternal disorders when such information was not provided by the article. We transformed deaths into fractions attributable to each cause and combined this information with VR data.

We then estimated the cause fractions by category for maternal disorders using DisMod-MR. We scaled the model results to ensure that the cause-specific proportions summed to 1 and then applied the scaled proportions to the cause of death estimates for maternal disorders to obtain cause of death estimates for individual causes. The overall maternal disorders estimates were produced using the standard CODEm method.

Meningitis

We split bacterial meningitis into three aetiological categories – Streptococcus pneumonia meningitis, Hib meningitis, and meningococcal infection – with a residual category termed "other bacterial meningitis." Because viral meningitis causes a very small number of deaths, we do not model viral meningitis mortality separately.

To obtain estimates of the proportion of bacterial meningitis deaths due to each aetiological agent, we systematically searched the literature from 1990 to November 2011 using the following search criteria: (((meningitis[Title/Abstract]) AND etiology[Title/Abstract]) AND "1990"[Publication Date] : "3000"[Publication Date]) AND "0"[Publication Date] : "3000"[Publication Date]. Of the resultant 676 hits from PubMed, we excluded those meeting the following exclusion criteria: studies not representative of the national population; studies that used animals rather than humans as subjects; studies with sample size fewer than 30; and studies that did not include two

or more aetiologies of meningitis. To supplement our database, we included additional studies that were referenced in articles that were found using these search criteria. In total, 75 studies were included in our analysis.

Web Table 12 provides the regional distribution of data for each aetiology. Estimates for viral or aseptic meningitis were excluded from the analysis, as were episodes in which the aetiological agent was not identified.

Web Table 12 - Distribution of data for each bacterial meningitis aetiology by geographic region

GBD Region	Streptococcus pneumonia meningitis	Hib meningitis	Meningococcal infection	Other bacterial meningitis
High-income Asia Pacific	11	11	7	11
Central Asia	1	1	1	1
East Asia	4	4	1	4
South Asia	7	7	6	6
Southeast Asia	4	4	4	5
Australasia	0	0	0	0
Caribbean	8	8	8	8
Central Europe	8	8	8	7
Eastern Europe	0	0	0	0
Western Europe	11	10	11	10
Andean Latin America	1	1	0	0
Central Latin America	1	1	1	1
Southern Latin America	3	3	3	3
Tropical Latin America	8	8	8	8
North Africa and Middle East	8	8	8	7
High-income North America	1	0	0	1
Oceania	0	0	0	0
Central sub-Saharan Africa	1	1	1	0
Eastern sub-Saharan Africa	8	8	8	8
Southern sub-Saharan Africa	1	1	1	1
Western sub-Saharan Africa	10	12	10	9
Total	**96**	**96**	**86**	**90**

We estimated the proportion of bacterial meningitis due to each aetiology using the DisMod-MR data model. We included Hib3 immunization coverage as a country-level covariate for estimation of the proportion of bacterial meningitis due to Hib, and health system access and lag-distributed income in international dollars (I$) as a country-level covariate for each of the four aetiologies. No study-level covariates were used. The proportions of bacterial meningitis due to each aetiology that resulted from the above DisMod-MR models were scaled such that the proportions summed to one across all aetiologies.

Chronic kidney disease

In the GBD 2010, we provide estimates of chronic kidney disease (CKD) broken down by aetiology.

Data for proportions of primary renal diagnoses were obtained through systematic reviews of literature and renal replacement therapy (RRT) registries. Studies were included that contain original data on the proportion of RRT caused by diabetes or hypertension. Studies were excluded that were not representative of the national population (e.g., pregnant women, military members, etc.), that were not population-based (e.g., single-clinic-based studies), that provided no original data (e.g., commentary pieces), that were based on a sample size fewer than 150, that were reviews of accessible papers with original data, or that reported the proportion of RRT patients that have diabetes or hypertension rather than those diseases as the primary renal diagnosis.

For age-specific data points with effective sample sizes fewer than 100, age-groups were combined in small increments by country/year/sex/source until the effective sample sizes were at least 100 in order to ensure useful data inputs in the analysis. These data points were first combined into 20-year age-groups; all age-groups for a country/year/sex/source for data that still had an effective sample size less than 100 were then completely combined. For diabetes analysis, 730 data points from 34 studies represented 24 countries in 12 regions. For hypertension analysis, 1,135 data points from 28 studies represent 28 countries in 13 regions (Web Table 13). Prevalence of each primary renal diagnosis (PRD) among RRT patients was modeled independent of other parameters.

Web Table 13 - Frequency of primary renal diagnosis morbidity data types by region used in DisMod estimation		
Region	**Diabetes**	**Hypertension**
High-income North America	390	420
Southern Latin America	81	136
Western Europe	57	83
East Asia	13	4
North Africa and Middle East	5	2
Caribbean	5	5
High-income Asia Pacific	53	138
Central sub-Saharan Africa	1	1
Central Latin America	1	3
Central Europe	4	20
Western sub-Saharan Africa	0	0
Southern sub-Saharan Africa	0	0
Eastern sub-Saharan Africa	0	0
Oceania	0	0
Tropical Latin America	0	1
Andean Latin America	0	0
Eastern Europe	33	89
Australasia	0	0
Southeast Asia	87	233
South Asia	0	0
Central Asia	0	0
Total	**730**	**1135**

These proportions were estimated using DisMod-MR. A model was developed for each of two primary renal diagnoses. The proportion of CKD unspecified and due to other causes was attributed to the remainder of the deaths not attributed to diabetes and hypertension. These estimated proportions of CKD caused by diabetes, hypertension, and unspecified/other were then applied to the overall CKD mortality estimates above to obtain mortality estimates of CKD by primary renal diagnosis. The differences in primary renal diagnosis composition between patients on RRT and deaths due to CKD were assumed to be negligible for this analysis.
For the diabetes PRD model, a prior was chosen that the proportion of diabetes among CKD patients increases from age 0 to 40 in order to achieve a plausible age trend that matches the USA data. For the hypertension PRD model, the default DisMod-MR settings were chosen. Because there was very little variation over time in these proportions (estimates available upon request), these proportions were averaged across 1990, 2005, and 2010 in order to incorporate any small variations over time in the final uncertainty estimates while maintaining computational efficiency. These proportions were applied to estimates of CKD for mortality and all morbidity outcomes: anemia due to CKD Stage 3, CKD Stage 4, CKD Stage 5, end-stage renal disease on dialysis, and end-stage renal disease with kidney transplantation.

D. GBD 2010 estimation strategy report for natural history mortality modelling

For selected causes where cause of death data may be systematically biased due to either misclassification or because the disease exists in focal communities without vital registration or verbal autopsy studies, we used natural history models. Natural history models trace the progression of individuals from susceptible through various disease states and ultimately, for some, to death. The causes where natural history models have been used include:

- Hepatitis E
- Typhoid and paratyphoid fevers
- Measles
- Pertussis
- Congenital syphilis
- Leishmaniasis
- Human African trypanosomiasis
- HIV

Hepatitis E

Data on deaths due to hepatitis E are extremely sparse. Testing for hepatitis E is not widespread and there are reasons to believe that even in high-income countries, hepatitis E deaths may be underreported. A simple natural history model was estimated following four steps:

1) Using hepatitis E anti-HEV-IgG or HEV antibody data, we estimate using DisMod-MR, the number of hepatitis E infections by age and sex;
2) Estimate the fraction of all incident hepatitis E cases that are symptomatic;
3) Estimate the case-fatality rate (CFR) of symptomatic cases based on published studies;
4) Estimate deaths from these three parameters.

For step 1, we estimated the number of incident hepatitis E infections using DisMod-MR, an integrative systems model of disease in a population. DisMod-MR combines a compartmental model of disease progression with an age-integrating mixed-effects negative-binomial model of all relevant epidemiological data. Specifically, we modeled the prevalence, incidence, and remission of hepatitis E based on a literature review of studies that conducted antibody testing. The number of studies for each region for hepatitis E is provided in Web Table 14.

Web Table 14 - Frequency of morbidity data types by region used in DisMod-MR estimation for hepatitis E

Region	Prevalence	Incidence	Remission	Mortality	Total
North Africa and Middle East	91	0	0	0	**91**
East Asia	40	0	0	0	**40**
High-income Asia Pacific	28	0	0	0	**28**
Western Europe	25	0	0	0	**25**
South Asia	22	0	0	0	**22**
Southeast Asia	21	0	0	0	**21**
Central Latin America	10	0	0	0	**10**
Tropical Latin America	9	0	0	0	**9**
Western sub-Saharan Africa	7	0	0	0	**7**
Central Asia	6	0	0	0	**6**
Central sub-Saharan Africa	4	0	0	0	**4**
High-income North America	4	0	0	0	**4**
Eastern sub-Saharan Africa	3	0	0	0	**3**
Southern sub-Saharan Africa	0	0	0	0	**0**
Oceania	0	0	0	0	**0**
Southern Latin America	0	0	0	0	**0**
Andean Latin America	0	0	0	0	**0**
Eastern Europe	0	0	0	0	**0**
Central Europe	0	0	0	0	**0**
Caribbean	0	0	0	0	**0**
Australasia	0	0	0	0	**0**
Total	**270**	**0**	**0**	**0**	

For step 2, we adopted the CI ratio estimated by Rein et al,[493] which was 0·198 (95% CI: 0·167–0·229). This estimate was based on a literature review modeled with a Markov Chain Monte Carlo simulation with the assumption that the probability was a binomially distributed variable with a uniformly distributed prior mean. The point estimate is interpreted as 19·8% of individuals who are seropositive for the anti-HEV-IgG or HEV antibody will be expected to be symptomatic.

For step 3, we utilized the same literature review as Rein et al to estimate separate CFRs for pregnant and nonpregnant hepatitis E cases. Our estimation process involved a negative binomial regression that used the deaths in a given study as the dependent variable with pregnancy set as a predictor variable and jaundice signs set as the exposure parameter. These CFRs are weighted by pregnancy rates on a country-age-year level to create a CFR series for each country-age-year that has taken into account the differential CFR for the pregnant and nonpregnant population.

As the last step (step 4) of the mortality estimation process, the incident cases are multiplied by the CI ratio and then by the CFR to determine the number of deaths from hepatitis E for each country, age, year, and sex:

$$Hepatitis\ E\ deaths = Hepatitis\ E\ incident\ cases\ x\ case{:}infection\ ratio\ x\ case\ fatality\ rate$$

Finally, based on the literature and expert judgment, hepatitis E infection is believed to only cause mortality in selected regions. The hepatitis E virus has one serotype and four reported genotypes. Genotype 1 and 2 are epidemic strains causing human infection in developing countries with poor sanitation conditions. HEV genotype 3 and 4 are zoonotic strains isolated from humans and a variety of animals, such as pigs, and have been responsible for sporadic cases of disease in developed and developing countries.[493,494] In this analysis we have focused on genotypes 1 and 2 and have therefore restricted our mortality estimation to the subset of developing regions where we found evidence in the literature of hepatitis E virus for genotypes 1 and/or 2. These regions include: Central Asia, all of sub-Saharan Africa, North Africa and Middle East, South Asia, Southeast Asia, and East Asia.

Typhoid and paratyphoid fevers

We employed a natural history model by applying a mortality to incidence (MI) ratio to incident cases to estimate typhoid and paratyphoid fever mortality. We elected not to model the disease in an out-of-sample predictive validity environment as employed by CODEm because we believed that typhoid and paratyphoid fevers were unlikely to be detected and, consequently, likely to be misclassified in VA in areas with limited cause-of-death data collection. Also, the low number of deaths attributable to typhoid and paratyphoid fevers globally made the estimation of mortality difficult, even when using more conventional count models such as the negative binomial model.

In order to model typhoid and paratyphoid fever mortality using a natural history model, we implemented the following steps:

1) Estimate the incidence of typhoid and paratyphoid fevers using DisMod-MR;
2) Determine MI ratio of typhoid and paratyphoid fevers based on surveillance data for infectious diseases;
3) Apply the MI ratio of typhoid and paratyphoid fevers to the estimated number of incidence cases in order to obtain the number of deaths.

Incidence

We generated estimates of typhoid and paratyphoid fevers incidence using DisMod-MR. While DisMod-MR also includes a compartmental model to produce consistent estimates for epidemiological parameters of disease, we used it without the compartmental model to estimate incidence of typhoid and paratyphoid fevers only as we only had incidence data available. We used two sources of data to model the non-fatal outcomes for typhoid and paratyphoid fevers:

1) Data from a systematic literature review and update.
2) Hospital admissions data from Europe and the United States.

We included studies of hospitalized patients with typhoid and paratyphoid fevers and studies that used blood, stool, or bone marrow cultures to diagnose typhoid and paratyphoid. We excluded studies that looked at concurrent infections, had incidences deemed implausibly high, had study populations that were not well defined, or in which the study population was experiencing an outbreak of typhoid and was not representative of the population in general. In total, we included 26 studies. All data were reported as incidence.

As another source of typhoid incidence data, we used hospital admission data from the United States and Europe. Hospital stays coded with ICD-10 code A01 were included in our analysis. Our final database of incidence for typhoid and paratyphoid fevers had data from 13 of the 22 GBD regions of the world and from all of the seven GBD super-regions. The 26 studies and the hospital admissions databases ultimately included in the final database contributed 1,326 observations from 1979 to 2009. Web Table 15 shows the frequency of data by type and region as it was used in DisMod-MR.

Web Table 15 - Frequency of morbidity data by region used in DisMod-MR for typhoid and paratyphoid fevers

Region	Prevalence	Incidence	Remission	Mortality	Total
Western Europe	0	982	0	0	**982**
High-income North America	0	114	0	0	**114**
Central Europe	0	99	0	0	**99**
South Asia	0	29	0	0	**29**
Eastern Europe	0	38	0	0	**38**
Oceania	0	18	0	0	**18**

Southeast Asia	0	14	0	0	**14**
Eastern sub-Saharan Africa	0	0	0	0	**0**
Southern Latin America	0	7	0	0	**7**
East Asia	0	3	0	0	**3**
Australasia	0	2	0	0	**2**
Central sub-Saharan Africa	0	1	0	0	**1**
North Africa and Middle East	0	1	0	0	**1**
Western sub-Saharan Africa	0	0	0	0	**0**
Southern sub-Saharan Africa	0	1	0	0	**1**
Tropical Latin America	0	0	0	0	**0**
Central Latin America	0	0	0	0	**0**
Andean Latin America	0	0	0	0	**0**
Caribbean	0	0	0	0	**0**
Central Asia	0	0	0	0	**0**
High-income Asia Pacific	0	0	0	0	**0**
Total	**0**	**1309**	**0**	**0**	

One of the capacities of DisMod-MR is to include both country-level covariates to account for variation across countries and study-level covariates to account for systematic variation across different data types and sources. DisMod-MR then predicts for the reference category, which is set by the user, for study-level covariates. Our reference category was data from surveillance and community-based studies in which the entire population of the site was the study's sample population. In separate analyses of countries in which we had both hospital admissions data and community-based studies[493], there was no evidence of any systematic difference between the data from the hospital and that from the community. We thus did not include a study-level covariate for data from the hospital admissions database.

Although blood cultures are the most commonly used method for diagnosing typhoid and paratyphoid fevers, it is only reported to be about 50% sensitive.[495–497] Without taking into account the limited sensitivity of the blood culture test, we would be underestimating the incidence of typhoid and paratyphoid fevers. To account for this bias, we conducted a meta-analysis using three studies that investigated the sensitivity of blood cultures to diagnose typhoid and paratyphoid fevers to adjust the crude estimates of incidence.[495–497] From the meta-analysis, we estimated an adjustment factor of 1·82 with a standard error of 0·08. We then took 1,000 draws of the adjustment factor assuming a multivariate normal distribution and applied it only to the incidences reported in studies that used blood cultures to diagnose typhoid.

We assumed a duration of 6 weeks for all ages based on physician expertise as well as published studies that indicate a 2-week incubation period and up to 4 weeks of high-grade fever without treatment.[498]

Case fatality

In previous systematic reviews of the burden of typhoid and paratyphoid fever mortality, a case fatality of 1% is assumed according to expert judgment, hospital-based typhoid fever studies, and mortality data from countries with reliable national typhoid fever surveillance systems.[499] As we did not find a published population-based study that also captured mortality due to typhoid and paratyphoid fevers in our literature search, we chose to use typhoid fever surveillance data from the Brazilian Ministry of Health's Information System for Notifiable Diseases (SINAN).[500] SINAN reports only laboratory-confirmed cases of typhoid and also reports on deaths due to typhoid within the sample of confirmed cases. The total number of incident cases and deaths due to typhoid were available from 2001 to 2011. We dropped the 2001 data point, however, as we believed that the low number of confirmed cases was an artifact of the initiation of the surveillance system and low coverage.

After taking the mean and standard deviations across the ten available data points, we generated 1,000 draws of the mean assuming a multivariate normal distribution in order to propagate uncertainty. The mean of the distribution of case fatality rates was 0·00996.

To obtain deaths due to typhoid and paratyphoid fevers, we applied the distribution of empirically derived case fatality rates from above to the 1,000 draws of incidence as estimated by DisMod-MR. As DisMod-MR only produces point estimates for 1990, 2005, and 2010, we linearly interpolated incidence to produce a full time series of deaths from 1980 to 2010.

Measles

Because of concerns about misclassification of measles deaths both in verbal autopsy studies and some lower-quality vital registration systems, we utilized a natural history model for measles for countries outside high-income regions, Eastern Europe, and Latin America. For those regions, we used CODEm.

In order to model measles mortality using a natural history model, we followed three steps:

1. Estimate the incidence of measles using a mixed-effects regression on reported cases, vaccination rates, and supplemental vaccination campaigns;
2. Estimate case fatality of measles using a mixed effects regression based on surveillance data paired with deaths in vital registration as well as CFR values from literature review and malnutrition rates;
3. Apply the estimated CFR to the estimated number of incident cases in order to obtain the number of deaths with uncertainty.

Incidence

We modeled the reported measles incidence rate using a mixed-effects regression model. Log-transformed reported incidence rates were regressed on the log of the fraction unvaccinated, and variables for supplemental immunization activities (SIAs) were lagged by one, two, three, four, and five years, and a random effect on country. The random effect by country allowed for registration completeness to vary by country. The key assumption is that completeness is constant overtime. The results of this model are then used to predict true incidence as a function of vaccine coverage and for SIAs we use a value of the random effect that would predict 95% of children in an unvaccinated population would get measles.

Reported incidence was obtained from WHO notifications in non-missing and non-zero country-years; supplementary immunization activity (SIA) information came from WHO and US CDC.

Web Table 16 - Data used in measles natural history model, case estimation

Source type	1995-1999	2000-2004	2005-2011
WHO notifications	699	640	594
SIA data points	134	198	246

Case fatality

We modeled measles case fatality with a mixed-effects regression; log-transformed CFR was predicted using malnutrition (measured as proportion of the population under two standard deviations of average weight for age), indicator variables for the literature review of hospital studies or outbreak studies, and nested random effects on country, region, and super-region.

Web Table 17 - Data used in natural history model, CFR estimation. Country-years with zero cases or zero deaths were not included in the natural history model

Source type	1980-1989	1990-1999	2000-2011
WHO notifications	165	94	58
VR data	165	94	58
Literature review	123	43	40

Case fatality was estimated from WHO notifications in combination with raw VR data from high-income countries, as well as CFR values from a systematic review using PubMed and Google Scholar. Further studies that were not found in the PubMed search were retrieved from four articles.[501–505] Studies were included if they reported CFR; studies were excluded if they had overlapping population with other studies or insufficient background details such as sample size. Studies were marked with an indicator of "hospital" if they were hospital-based and marked with an indicator of "outbreak" if the study was of a measles outbreak. The assumption was that both of these types of studies would be biased to have higher case fatality rates. Forty-six studies were selected with 99 country-years of CFR estimates.

Combining cases and case fatality

Once we predicted cases and case fatality, we estimated deaths and distributed these by age and sex following the age and sex pattern of deaths in raw VR and VA data from the GBD Cause of Death database.

Pertussis

Because pertussis deaths may be misclassified as pneumonia deaths in VA or even VR, we developed a natural history model following three steps:

1. Estimate the incidence of pertussis using a mixed-effects regression on reported cases and vaccination rates;
2. Estimate case fatality of pertussis using a negative binomial regression based on CFR values from literature review and historical United Kingdom data and a measure of health system access;
3. Apply the estimated CFR to the estimated number of incident cases in order to obtain the number of deaths.

Incidence

We regressed the log of reported pertussis incidence on the log of the birth cohort unvaccinated and a random effect on country. When using these results to predict cases, we fixed our random effect to match that of Switzerland, where the established Sentinella reporting system is thought to estimate cases well.[506] This resulted in an attack rate among unvaccinated individuals of approximately 65%.

Reported incidence was obtained from WHO pertussis case notifications in high-income countries, historical case and vaccination data from the UK dating back to 1942,[507] and vaccination coverage estimates produced by IHME.

Web Table 18 - Data used in natural history model, case estimation

Source type	1942-1980	1980-1989	1990-1999	2000-2011
WHO notifications	0	1312	1253	1230
Historical UK data	37	10	10	11

We predicted case numbers by applying the incidence rates derived from the mixed-effects model (presented above) to the entire population. Uncertainty was estimated by taking 1,000 iterations of the predictions based on a normal distribution around the constant and the coefficient on the DTP3 coverage covariate.

Case fatality

CFR data were extracted from studies from a systematic review of the literature. The PubMed search terms were pertussis, case, and fatality. Further studies that were not found in the PubMed search were retrieved from one review article.[508] A Google Scholar search was also performed with the same terms to identify relevant reports, resulting in the addition of one further study.[509] Studies were included if they reported CFR; studies were excluded if they had data prior to 1950 or insufficient background details such as sample size. Additional data came from historical UK data on reported cases and deaths.

We modeled the case-fatality rate using a negative binomial model and health system access (an aggregate measure of hospital beds per capita, in-facility deliveries, vaccination coverage, and other health system indicators) as a covariate to inform the model.

Web Table 19 - Data used in pertussis natural history model, CFR estimation

	1980-1989	1990-1999	2000-2011
Country-years of data	87	66	114

Combining cases and case fatality

Once we predicted cases and case fatality, we estimated deaths and distributed these by age and sex following the age and sex pattern of deaths in raw VR and VA data from the GBD causes of death database.

Congenital syphilis

We modeled mortality secondary to congenital syphilis using a natural history model. We assumed deaths due to congenital syphilis occur between ages 0 and 9 years.

Data used

We used various data sources at different steps of the natural history model. Web Table 20 details the different data sources and their type, the step at which they contributed to the model, and the number of data points available.

Web Table 20 - Data sources used in neonatal syphilis mortality natural history model

Step in the natural history model	Data source	Time range	Number of data points
Prevalence of syphilis in pregnant women	Systematic literature review, UNAIDS epidemiologic fact sheets, UNGASS country progress reports, country-specific epidemiologic reports, unpublished data	1980 – 2010	1,738
Number of live births	World population prospect 2010 by United Nations Population Division[2]	1980 – 2010	ł
Neonatal mortality attributed to syphilis	Systematic literature review	1949 – 2010	22
Number of antenatal care visits	Systematic analysis of survey data	1980 – 2011	1,503
Fraction of antenatal care clinics that routinely test for syphilis	WHO Sexually Transmitted Infections database	2008, 2010	137

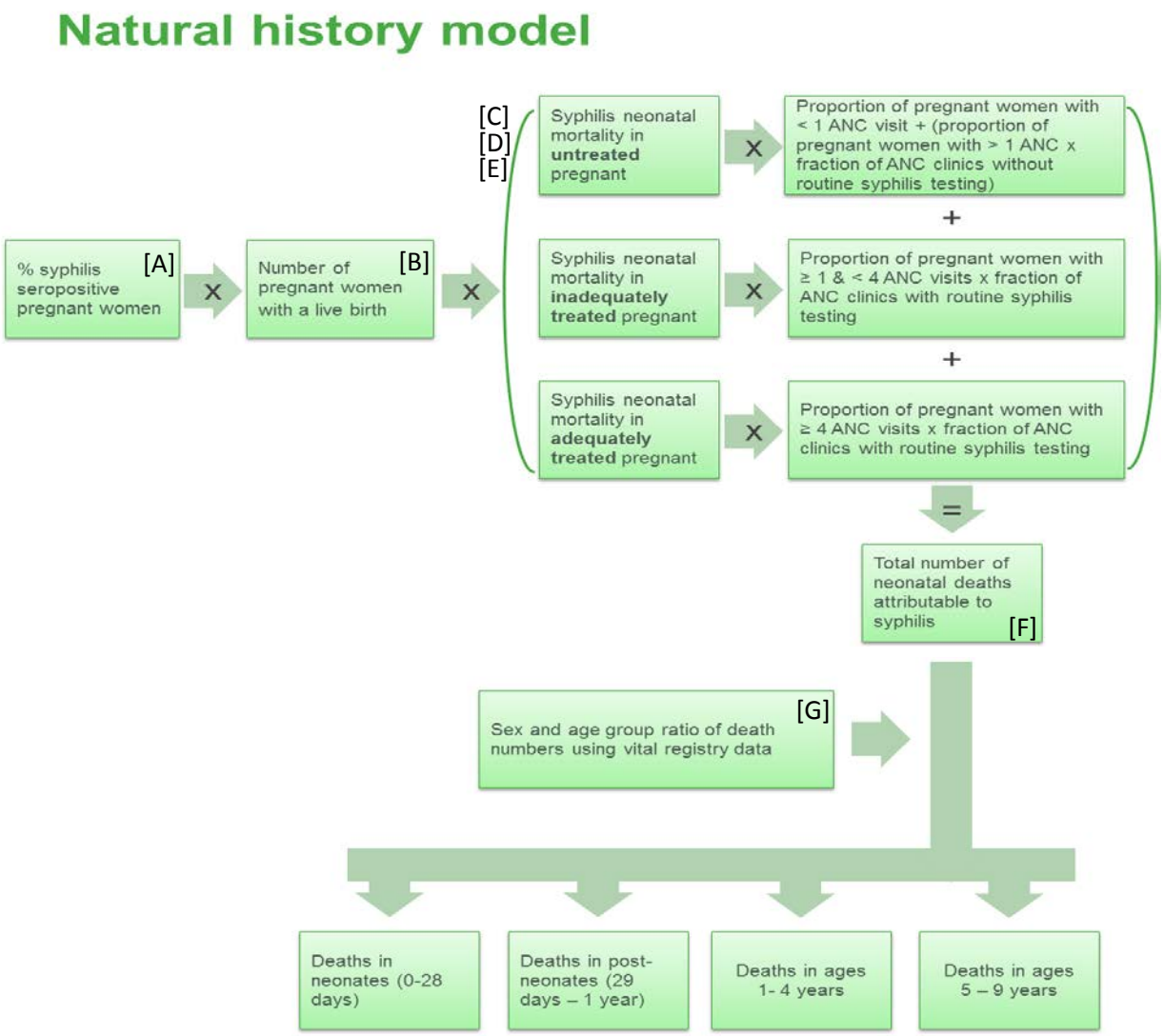
[ł] Estimates were extracted directly from source and were available for all country, year, age, and sex categories required for analysis

Modelling strategy

We estimated first the number of syphilis deaths in the neonatal age-group for every country-year, then we propagated this number to older age-groups until the age of 9 years. Our final death numbers are country-, year-, age-, and sex-specific.

In the first step of the natural history model, we estimated the prevalence rate of syphilis in pregnant women for all 187 WHO member countries and for the years 1980 to 2011 [A]. Then, we calculated the number of pregnant women with syphilis that eventually delivered a live birth [B]. Next, we calculated the excess neonatal mortality rate in pregnant women with syphilis depending on their antenatal syphilis treatment status [C]. In order to estimate the number of neonatal deaths attributable to syphilis, we multiplied the treatment-specific neonatal mortality rate by the number of syphilis seropositive pregnant women that delivered a live birth and adjusted for the fraction of women that attended antenatal care [D] and the fraction of antenatal care clinics that routinely tested for syphilis [E]. Our result here consisted of country-year-specific neonatal deaths [F]. Next, we used VR data to calculate the male to female ratio and the neonatal to other age-group ratios of congenital syphilis deaths. We applied these ratios to the aforementioned neonatal death numbers and predicted the number of deaths for each sex-age category [G]. Finally, we used the cause of death cascading correction algorithm "CoDCorrect" to fit our congenital syphilis death estimates within our overall mortality estimates. Web Figure 4 illustrates the sequence of steps we used in modelling congenital syphilis deaths. We validated our natural history model by comparing our excess neonatal mortality rate in pregnant women seropositive for syphilis to the mortality rate observed in a real population-based dataset.

Web Figure 4: Natural history model on congenital syphilis mortality



Leishmaniasis

In our estimation of mortality due to leishmaniasis, we included only deaths due to visceral leishmaniasis (VL) because fatality due to cutaneous leishmaniasis (CL) is negligible. We employed a natural history model to estimate VL mortality because in places such as Sudan and India at high risk, there are no verbal autopsy studies.

We developed a natural history model in three steps:

1) We estimated the incidence of VL;
2) We modeled a country-year-specific mortality to incidence ratio;
3) We applied our predicted mortality to incidence ratio to our incidence estimates to generate estimates of death by country, year, age, and sex.

Estimating VL incidence

We used three sources of data to model the incidence for VL:

1) Data from a systematic literature review with specific inclusion/exclusion criteria;
2) Hospital admissions data from Europe and Brazil;
3) Estimates of incidence based on deaths divided by an estimated MI ratio in settings where vital registration is complete and high quality in endemic countries.

We identified 76 studies or sources. From all sources, we extracted incidence rates (and sample sizes, if provided) or incident case counts, which we divided by sample area population (national or subnational) to obtain incident rates. We ended up with 426 country-year-age-sex-specific VL incidence data points from 41 distinct studies. In addition to data from the literature review, we used hospital discharge data from Brazil and 18 European countries. We included hospital stays coded with ICD-10 code B55.0 and ICD-9 code 085.0 in our analysis. We had a total of 136 age-and-sex-specific data points from Brazil that covered the years 2006 through 2009 and 2,176 data points from Europe that covered the years 1999 through 2006.

Finally, in order to make use of our robust causes of death data for VL from some countries where there were less reliable incidence data, we transformed mortality rates into incidence rates using a country-year-specific MI ratio. This allowed us to add 1,131 country-year-age-sex-specific incidence data points. Subsequently, we dropped the incidence points from Brazil's individual hospital discharges because they were systematically lower than the incidence derived from Brazil's mortality data. We also dropped subnational points from Brazil and Spain, which were systematically higher than the rest of the incidence data from those countries.

In total, we included 3,740 VL incidence points as inputs into DisMod-MR to estimate incidence of VL for each region, age, and sex in 1990, 2005, and 2010. While DisMod-MR includes a compartmental model to produce consistent estimates for epidemiological parameters of disease, we used it without the compartmental model to estimate only disease incidence. See Web Table 21 below for a regional distribution of the data.

Web Table 21 - Distribution of number and type of data points for VL incidence model by geographic region

Region	Prevalence	Incidence	Remission	Mortality	Total
Western Europe	0	2032	0	0	**2032**
Tropical Latin America	0	756	0	0	**756**
Central Europe	0	336	0	0	**336**
North Africa and Middle East	0	272	0	0	**272**
South Asia	0	134	0	0	**134**
Central Latin America	0	101	0	0	**101**
Eastern sub-Saharan Africa	0	66	0	0	**66**
Eastern Europe	0	17	0	0	**17**
Central Asia	0	16	0	0	**16**
Western sub-Saharan Africa	0	7	0	0	**7**
Central sub-Saharan Africa	0	1	0	0	**1**
Andean Latin America	0	1	0	0	**1**
East Asia	0	1	0	0	**1**
Southern sub-Saharan Africa	0	0	0	0	**0**
Oceania	0	0	0	0	**0**
High-income North America	0	0	0	0	**0**
Southern Latin America	0	0	0	0	**0**
Caribbean	0	0	0	0	**0**
Australasia	0	0	0	0	**0**
Southeast Asia	0	0	0	0	**0**
High-income Asia Pacific	0	0	0	0	**0**
Total	**0**	**3740**	**0**	**0**	**3740**

MI ratio

We estimated country-year-specific MI ratios by running a linear regression of the logit of the MI ratio on the log of income per capita using data from Brazil and Spain, two countries in which we had both reliable mortality and incidence data at the national level.

Estimating deaths

To obtain deaths due to VL, we applied the distribution of predicted country-year-specific MI ratios described above to the 1,000 draws of incidence as estimated by DisMod-MR. We multiplied by the MI ratio to generate estimates of

death by country, year, age, and sex with uncertainty. We used recorded VR data in settings where it was complete such as Brazil.

Human African trypanosomiasis

Human African trypanosomiasis (HAT) is rarely recorded in vital registration or published verbal autopsy studies. The most likely explanation is that the communities particularly in Central sub-Saharan Africa with local transmission have not had verbal autopsy studies. We developed a natural history model using the following steps:

1) Estimate incidence of HAT by taking the average results from employing:
    a. A correction factor for HAT case notifications that is the inverse of a case detection rate derived from the positive relationship between reported incidence and reported screening coverage;
    b. A correction factor for HAT case notifications that is the inverse of the GBD 2010 estimates of the tuberculosis (TB) case detection rate;
2) Estimate the CFR for treated and untreated cases of HAT based on literature;
3) Estimate deaths assuming notified cases are treated and unreported cases are not treated.

Our primary source of data for estimating incidence was the WHO African trypanosomiasis case notifications from 1902 to 2009. These came from 29 countries with the maximum number of countries reporting in one year being 24 in 1959 to 1961.[510] We also found data on the number of people screened for a period of eight years from 1997 to 2004. [511] Additionally, we re-estimated the population at risk for HAT infection, which we used as a denominator for our incidence and screening rates. We did this by overlaying a continent-level map of case notifications from the "Atlas of Human African trypanosomiasis infection"[512] on the *Gridded Population of the World 3*.[513] This gave us the population living in areas in which cases have been detected in the last 10 years. The country-level totals of these estimates formed our new population-at-risk numbers, which we believe are an improvement on historical values because, for the first time, the numbers of population at risk are based on geocoded evidence.

Because of the inherent limitations of the evidence on African trypanosomiasis, we developed two different natural history models. The first natural history model was based on total number of cases (including both *T.b. gambiense* and *T.b. rhodesiense)* and number of people screened that are reported annually by each country to WHO. Using a multilevel regression for the time period from 1997 to 2004, we estimated the relationship among natural-log-transformed incidence (the ratio of HAT cases reported to population at risk), natural-log-transformed screening coverage (the ratio of number screened for HAT to population at risk), and country random effects. Based on this regression, we were able to estimate the incidence rate in a hypothetical case where 100% of the population at risk is screened. From this we found the case detection rate (the ratio of case notifications to our estimated counterfactual incident cases) in 2001, which was the midpoint of the screening data time range. We assumed this case detection rate held constant for all other years within a country and used the ratio of case notifications to our estimated case detection rate to estimate incident cases of HAT for each country from 1980 to 2011. This was the best estimate we could make given the data we have, though given our knowledge of screening and treatment efforts, it is likely that the case detection rate has increased over the time period from 1980 to 2011. We assume the case detection rate from 2001, which lies in the middle of this timespan, represents an average.

The second natural history model was based on estimates of TB case detection rates. We assumed that the case detection rate for HAT is equal to the case detection rate for TB because both diseases have similar durations and both are chronic disorders, so TB may provide a reasonable proxy for case detection coverage in regions where HAT cases are documented. In addition, WHO case reporting for TB incidence, though incomplete, is more reliable than reports of HAT incidence. The TB case detection rate estimates are equal to the ratio of WHO TB case notifications to estimates of TB incidence.

We combined these two natural history models by taking 500 simulated draws of case estimations from each one (method 1 of regression-based case detection rate and method 2 of TB case detection rate). From these case estimations, we subtracted the number of cases that were reported to produce death estimates. We assumed that all the cases that are reported received treatment,[510] and case fatality undertreatment is extremely low, only between 0·7% and 6%,[514–516] whereas HAT has 100% case fatality if left untreated.[517] Without any data on sex-specific mortality or incidence, we assumed equal death rates between both sexes and divided the country-year-specific death estimates among males and females by the proportion of the country-year population that was in each sex category. Finally, we applied an age pattern to our estimates by running DisMod-MR.

While DisMod-MR includes a compartmental model of process to produce consistent estimates for different epidemiological parameters of disease, we used it without the compartmental model to estimate age-specific incidence only. We entered our country-year-specific deaths as incidence rates (the ratio of deaths to population at risk) into DisMod-MR and added age-specific incidence rates from two studies that had conducted active case finding. The age-specific data were from the city of Buma in the Democratic Republic of Congo from 2001 to 2002[518] and from the city of Serere in Uganda from 1999 to 2005.[519]

HIV

The HIV estimation strategy included a combination of CODEm and UNAIDS estimations. A total of 36 countries that had high-quality data were modeled using the CODEm approach. The remaining countries were derived from the UNAIDS 2012 revision, with the exception of two countries (Thailand and Panama), which came from the UNAIDS 2010 revision as the 2012 estimates were inconsistent with these countries' all-cause mortality estimates. Web Table 22 details which estimates were used by country.

Web Table 22 - HIV estimation strategy by country

Country	Estimation Source
Afghanistan	UNAIDS
Albania	UNAIDS
Algeria	UNAIDS
Andorra	UNAIDS
Angola	UNAIDS
Antigua and Barbuda	CODEm
Argentina	CODEm
Armenia	UNAIDS
Australia	CODEm
Austria	CODEm
Azerbaijan	UNAIDS
The Bahamas	UNAIDS
Bahrain	UNAIDS
Bangladesh	UNAIDS
Barbados	CODEm
Belarus	UNAIDS
Belgium	CODEm
Belize	UNAIDS
Benin	UNAIDS
Bhutan	UNAIDS
Bolivia	UNAIDS
Bosnia and Herzegovina	UNAIDS
Botswana	UNAIDS
Brazil	UNAIDS
Brunei Darussalam	UNAIDS
Bulgaria	UNAIDS
Burkina Faso	UNAIDS
Burundi	UNAIDS
Cambodia	UNAIDS
Cameroon	UNAIDS
Canada	CODEm
Cape Verde	UNAIDS
Central African Republic	UNAIDS
Chad	UNAIDS
Chile	CODEm
China	UNAIDS
Colombia	UNAIDS
Comoros	UNAIDS
Congo	UNAIDS
Congo, the Democratic Republic of the	UNAIDS
Costa Rica	CODEm
Côte d'Ivoire	UNAIDS
Croatia	UNAIDS
Cuba	CODEm
Cyprus	UNAIDS
Czech Republic	UNAIDS
Denmark	CODEm
Djibouti	UNAIDS
Dominica	CODEm
Dominican Republic	UNAIDS

Ecuador	UNAIDS
Egypt	UNAIDS
El Salvador	UNAIDS
Equatorial Guinea	UNAIDS
Eritrea	UNAIDS
Estonia	UNAIDS
Ethiopia	UNAIDS
Fiji	UNAIDS
Finland	UNAIDS
France	CODEm
Gabon	UNAIDS
The Gambia	UNAIDS
Georgia	UNAIDS
Germany	CODEm
Ghana	UNAIDS
Greece	UNAIDS
Grenada	CODEm
Guatemala	UNAIDS
Guinea	UNAIDS
Guinea-Bissau	UNAIDS
Guyana	UNAIDS
Haiti	UNAIDS
Honduras	UNAIDS
Hungary	UNAIDS
Iceland	UNAIDS
India	UNAIDS
Indonesia	UNAIDS
Iran	UNAIDS
Iraq	UNAIDS
Ireland	CODEm
Israel	UNAIDS
Italy	CODEm
Jamaica	UNAIDS
Japan	CODEm
Jordan	UNAIDS
Kazakhstan	UNAIDS
Kenya	UNAIDS
Kiribati	UNAIDS
Korea, North	UNAIDS
Korea, South	UNAIDS
Kuwait	UNAIDS
Kyrgyzstan	UNAIDS
Laos	UNAIDS
Latvia	UNAIDS
Lebanon	UNAIDS
Lesotho	UNAIDS
Liberia	UNAIDS
Libya	UNAIDS
Lithuania	UNAIDS
Luxembourg	CODEm
Macedonia, FYR	UNAIDS
Madagascar	UNAIDS
Malawi	UNAIDS
Malaysia	UNAIDS
Maldives	UNAIDS
Mali	UNAIDS
Malta	CODEm
Marshall Islands	UNAIDS
Mauritania	UNAIDS
Mauritius	UNAIDS
Mexico	UNAIDS
Micronesia, Federated States of	UNAIDS
Moldova	UNAIDS
Mongolia	UNAIDS
Montenegro	UNAIDS
Morocco	UNAIDS
Mozambique	UNAIDS
Myanmar	UNAIDS
Namibia	UNAIDS
Nepal	UNAIDS

Netherlands	CODEm
New Zealand	CODEm
Nicaragua	UNAIDS
Niger	UNAIDS
Nigeria	UNAIDS
Norway	CODEm
Oman	UNAIDS
Pakistan	UNAIDS
Palestine	UNAIDS
Panama	UNAIDS
Papua New Guinea	UNAIDS
Paraguay	UNAIDS
Peru	UNAIDS
Philippines	UNAIDS
Poland	UNAIDS
Portugal	CODEm
Qatar	UNAIDS
Romania	UNAIDS
Russia	UNAIDS
Rwanda	UNAIDS
Saint Lucia	CODEm
Saint Vincent and the Grenadines	CODEm
Samoa	UNAIDS
Sao Tome and Principe	UNAIDS
Saudi Arabia	UNAIDS
Senegal	UNAIDS
Serbia	UNAIDS
Seychelles	UNAIDS
Sierra Leone	UNAIDS
Singapore	CODEm
Slovakia	UNAIDS
Slovenia	UNAIDS
Solomon Islands	UNAIDS
Somalia	UNAIDS
South Africa	UNAIDS
Spain	CODEm
Sri Lanka	UNAIDS
Sudan	UNAIDS
Suriname	UNAIDS
Swaziland	UNAIDS
Sweden	CODEm
Switzerland	CODEm
Syria	UNAIDS
Taiwan	UNAIDS
Tajikistan	UNAIDS
Tanzania	UNAIDS
Thailand	UNAIDS
Timor-Leste	UNAIDS
Togo	UNAIDS
Tonga	UNAIDS
Trinidad and Tobago	UNAIDS
Tunisia	UNAIDS
Turkey	UNAIDS
Turkmenistan	UNAIDS
Uganda	UNAIDS
Ukraine	UNAIDS
United Arab Emirates	UNAIDS
United Kingdom	CODEm
United States	CODEm
Uruguay	CODEm
Uzbekistan	UNAIDS
Vanuatu	UNAIDS
Venezuela	UNAIDS
Vietnam	UNAIDS
Yemen	UNAIDS
Zambia	UNAIDS
Zimbabwe	UNAIDS

Section 4. CoDCorrect algorithm

A. Basic CoDCorrect algorithm

In the Global Burden of Disease (GBD) study, the mortality attributable to each cause of death is modeled independently, in most cases using an ensemble modelling strategy (described elsewhere). The all-cause age-sex-country-year death rates are estimated independently based on demographic evidence.[520] The CoDCorrect process was designed to reconcile the difference between the sum of the deaths from individually modeled diseases, and our overall mortality levels. This process needs to take into account uncertainty both in the all-cause mortality envelope and uncertainty in the estimates for each cause. Both all-cause and cause-specific estimates have 1,000 draws available from the uncertainty distribution for each age-sex-country-year.

We use an extremely simple approach, namely at the level of each draw, in which we rescale the sum of the cause-specific estimates to equal the draw from the all-cause mortality distribution. The following equation summarizes this process:

$$CD_{cyasjd} = D_{cyasjd}\left(\frac{ACD_{cyasjd}}{\sum_{j=1}^{j=k} D_{cyasjd}}\right)$$

Where CD_{cyasjd} is the corrected number of deaths for country *c*, year *y*, age *a*, sex *s*, cause *j*, and draw *d*. ACD_{cyasjd} is the all-cause death rate for country *c*, year *y*, age *a*, sex *s*, cause *j* and draw *d*. D_{cyasjd} is the uncorrected number of deaths estimated from the single-cause modelling approach for country *c*, year *y*, age *a*, sex *s*, cause *j*, and draw *d*. As shown in the equation, for a given draw *d*, all causes are rescaled by the same ratio shown within the brackets. In cases where the sum of the estimates of a given draw of the cause estimates is large, it seems reasonable to think that this should be associated with a larger draw from the all-cause mortality distribution. We have, therefore, assumed that the rank order correlation of ACD_{cyasjd} across draws with $\sum_{j=1}^{j=k} D_{cyasjd}$ across draws is 1.0. The effect of this assumption is to increase the uncertainty intervals for each cause *j*.

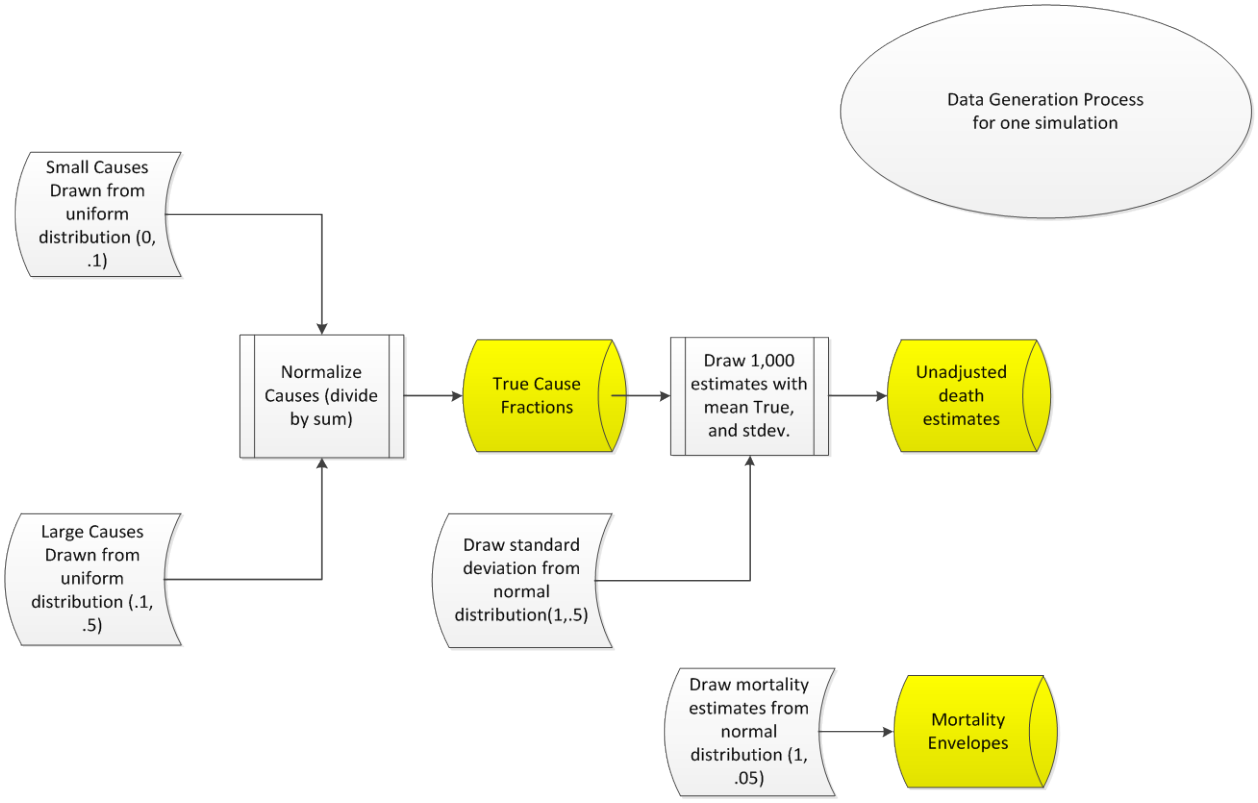
B. Simulation study on the validity of CoDCorrect

In order to evaluate the effect of this simple draw-level correction procedure, we designed simulated environments in which we knew the true number of deaths for each cause. As with all such simulation studies, we have a data generation process where we know the true cause fractions, and we then apply our approach to estimating corrected deaths and evaluate how close we get to estimating the true number of deaths and the validity of the resulting uncertainty intervals.

Data generation process

For each simulation, the vector of true cause fractions is constructed by randomly drawing small causes (0–0·1) and large causes (0·1–0·5) from uniform distributions, and then normalizing the causes (dividing each cause by the sum) so that they sum to 1. This creates a set of true cause fractions against which we can evaluate the performance of the CoDCorrect algorithm. Then, in order to generate 1,000 estimates of log deaths (with envelope of 1, so similar to cause fractions) we draw from a normal distribution using the log of the true cause fractions as the mean for each cause. For the standard deviation of this distribution, we use vector of values (one for each cause) drawn from a normal distribution with mean 1, and standard deviation 0·5 (truncated at 0). To mirror the data structure of the GBD study, we also create 1,000 draws of the total mortality envelope using a normal distribution with mean 1 and standard deviation of 0·05. The results of the data-generation process for each simulation are a vector of true cause fractions, a vector of mortality envelopes, and a matrix of estimated values where each row is 1,000 predictions of the log deaths of a disease, and each column is a single draw of estimates of log death rates, one for each cause.

Web Figure 5: Data generation process for simulation



Metrics

The two metrics used to evaluate performance were cause-specific mortality fraction (CSMF) accuracy and coverage.[521] Cause-specific mortality fraction is a measure of the net error in predicting a set of compositional cause fractions. It is calculated as 1 minus the sum of the absolute difference between true and predicted cause fractions divided by 2 times 1 minus the minimum true cause fraction:

$$CSMF = 1 - \frac{\sum abs(True_{cf} - Predicted_{cf})}{2 * (1 - \min(True_{CF}))}$$

Coverage is defined as the proportion of estimates in which the truth falls between the predicted upper and lower bounds:

$$Coverage = \frac{Number\ of\ estimates\ where\ True_{cf} \geq Pred_{lower} \& True_{cf} \leq Pred_upper}{Number\ of\ estimates}$$

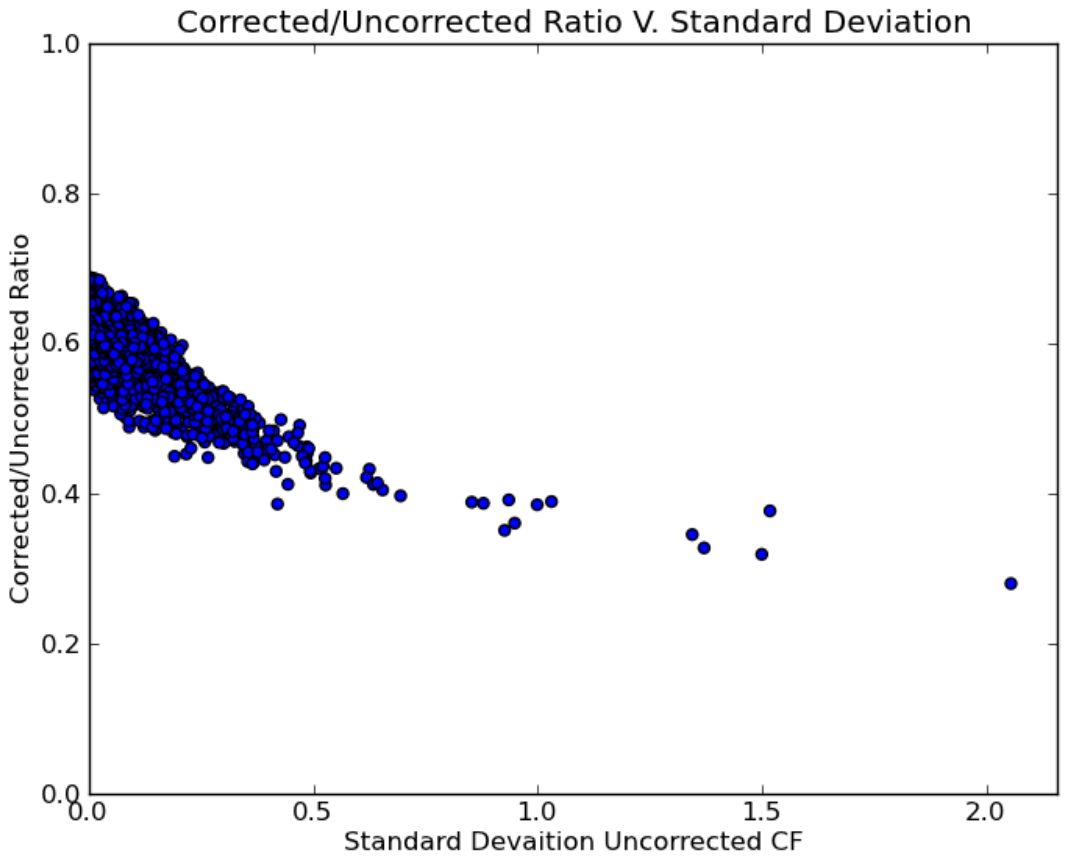
Simulation results

The results of the simulation illustrate the effect of the correction process at the draw level. Across the 100 simulations, the correction process yielded a mean CSMF accuracy of 0·92. The simulation also shows that the

uncertainty interval coverage was 0·999. This suggests that the approach has a tendency to overestimate uncertainty intervals. This overestimation may in part be related to the rank correlation between the all-cause mortality distribution and the sum of the cause-specific model estimates.

It is important to note that, while all causes are rescaled at the draw level by the same constant, the overall effect of CoDCorrect on the mean value differs by cause. This somewhat counter-intuitive property is illustrated in the figure below. The mean correction across draws is larger for more uncertain causes in this simulation. This property has been confirmed in repeated simulation tests. The x-axis in the diagram is the standard deviation of the cause fraction and the y-axis is the ratio of the corrected mean death number divided by the uncorrected mean death number. As the standard deviation increases the mean correction gets larger. This is a desirable property, as we would want to see greater reductions (or increases depending on the difference between the all-cause mortality level and the sum of the cause-specific estimates) for more uncertain causes as compared to more certain causes.

Web Figure 6: Effect of CoDCorrect at the mean level based on standard devaition



Web Table 23 - Percent change for level 1 CodCorrect causes in 2010	
Cause	**% Change**
Tuberculosis	4·3
HIV/AIDS	-13·2
Diarrheal diseases	0·4
Typhoid and paratyphoid fevers	-5·9
Diphtheria	-10·1
Whooping cough	-9·2
Tetanus	3·5
Measles	-12·7

Varicella	-3·7
Malaria	-5·2
Chagas disease	-0·1
Leishmaniasis	-5·5
African trypanosomiasis	-14·4
Schistosomiasis	-0·4
Cysticercosis	-3·6
Echinococcosis	-2·7
Dengue	-2·0
Rabies	-6·8
Ascariasis	-7·8
Other neglected tropical diseases	1·9
Maternal disorders	-9·8
Neonatal disorders	8·8
Nutritional deficiencies	-0·4
Sexually transmitted diseases excluding HIV	3·2
Hepatitis	1·5
Other infectious diseases	1·1
Esophageal cancer	1·9
Stomach cancer	0·6
Liver cancer	0·7
Larynx cancer	2·0
Trachea, bronchus and lung cancers	0·2
Breast cancer	0·3
Cervical cancer	1·6
Uterine cancer	0·5
Prostate cancer	-0·3
Colon and rectum cancers	0·2
Mouth cancer	2·6
Nasopharynx cancer	1·9
Cancer of other part of pharynx and oropharynx	3·9
Gallbladder and biliary tract cancer	1·8
Pancreatic cancer	-0·2
Malignant melanoma of skin	-2·2
Non-melanoma skin cancer	0·6
Ovarian cancer	0·6
Testicular cancer	-2·6
Kidney and other urinary organ cancers	-1·2
Bladder cancer	0·8
Brain and nervous system cancers	-1·0
Thyroid cancer	2·1
Hodgkin's disease	-3·0
Non-Hodgkin's lymphoma	-0·7
Multiple myeloma	-0·1
Leukemia	-1·1
Other neoplasms	0·5
Cardiovascular and circulatory diseases	2·5
Chronic respiratory diseases	5·1
Cirrhosis of the liver	1·2
Digestive diseases (except cirrhosis)	1·9
Alzheimer's disease and other dementias	-0·1
Parkinson's disease	1·7
Epilepsy	-4·2
Multiple sclerosis	-2·5
Schizophrenia	-0·0
Alcohol use disorders	-5·3

Drug use disorders	-6·4
Eating disorders	-0·8
Other mental and behavioral disorders	0·4
Diabetes mellitus	4·4
Acute glomerulonephritis	0·7
Chronic kidney diseases	2·2
Urinary diseases and male infertility	2·1
Gynecological diseases	-1·8
Hemoglobinopathies and hemolytic anemias	-2·7
Other endocrine, nutritional, blood, and immune disorders	-0·7
Musculoskeletal disorders	0·2
Congenital anomalies	1·9
Skin and subcutaneous diseases	2·8
Sudden infant death syndrome	-4·1
Transport injuries	-1·9
Falls	0·9
Drowning	-4·3
Fire, heat and hot substances	-3·0
Poisonings	-2·8
Exposure to mechanical forces	-3·3
Self-harm	-1·4
Interpersonal violence	-3·9

C. Simulation test of modelling causes of death in two stages or one stage

In this test, we explore the advantages and disadvantages of modelling causes of death in two stages as used in the GBD versus using simultaneous modelling of all causes at once using a compositional model. The GBD study estimates the burden of mortality from different causes of death for all countries by age-sex group. A major modelling challenge of the GBD is producing estimates for all demographic groups (country-age-sex), despite data sparseness. The simulation was designed to mimic this data structure, such that the models were predicting the total number of deaths from 10 causes for all country-age-sex groups.

The first step was to randomly select 10 causes of death from a database of all causes. For each cause, five covariates were randomly selected from a database of cause of death predictors. To diminish the effect of outliers, the covariates were normalized by subtracting the mean and dividing by the standard deviation for all values. We then constructed a relationship between the covariates and the causes of death by drawing from a normal distribution (mean=0, standard deviation = 1). A relationship between age and mortality was designated in a similar fashion. We used the global age-sex-cause-specific death rate from vital registration data as an age coefficient. Finally, a random effect was generated for each country. The true log death rates for each cause of death were calculated as:

$$True\ Ln(death\ rate_{ias}) = B_0 + B_1 * Covariate_1 + \cdots B_5 * Covariate_5 + B_{age} + RE_{iso3}$$

To solve for the constant B_0, we first calculated the log death rates without a constant, and then adjusted the rates by the median difference between these death rates and the predicted death rates in the GBD study. If necessary, we then shifted down the distribution of death rates such that the greatest value was 0·6 (the highest death rate observed in the GBD study).

After saving a database of the true death rates, we introduced error into the data we were using in the simulation. We drew from a normal distribution (mean=0, standard deviation=0·5) and added that to the log death rates. Following the introduction of error, death rates were truncated at 0·6. For one variant of our simulation, we randomly knocked out 5% of the data used.

One stage approach

The one-stage model approach builds the constraint of the envelope into the estimation of deaths for each cause. A compositional model, as described in Murray and Solomon (2002), simultaneously estimates deaths from all causes in a way that restricts them to the envelope. The compositional model can be described as a four-step process. First, define a vector of cause fractions for all causes:

$$P_i = (P_{i1}, \ \ldots, \ P_{ij})$$

Using one cause as a reference category, a vector of dependent variables (assumed to be multivariate normal) is then defined as the log of the ratio of the cause fraction to the reference category:

$$Y_{ij} = \ln(\frac{P_{ij}}{P_{iJ}})$$

We then used a linear function to predict the expectation of each log cause fraction ratio. All available covariates in the dataset were used in a seemingly unrelated regression to estimate all parameters:

$$M_{ij} = X_{ij} \ * \ B_j$$

This estimation strategy can also be expressed as a system of regression equations:

$$Y_{i1} = B_0 + B_1 \ * COV_1 + \ \ldots + B_n \ * COV_n$$

$$Y_{i2} = Z_0 + Z_1 \ * COV_1 + \ \ldots + Z_n \ * COV_n$$

The results of the regression are the predicted log ratios of the cause fraction of a cause to the reference category. In order to transform these predictions back into cause fraction space, the reference category predictions can be solved for using this equation:

$$P_1' = \ \frac{1}{(1 \ + e^{Y1} + \ \ldots e^{Yn})}$$

Two stage approach

The two stage approach independently models each cause of death, and then adjusts the predictions such that the predicted deaths sum to the envelopes. The first stage uses multilevel mixed-effects linear regression to estimate the log death rate for each cause, including a random effect on country and a dummy effect on age. For example, for cause *i*, country *c*, and age *a*:

$$\ln(Deaths_{ica}) = Cov_1 * B_1 + \cdots \ + Cov_5 * B_5 + RE_c + B.Age_a + Cons$$

The estimates are then normalized such that the sum of their cause fractions is equal to 1:

$$Cause\ Fraction_i' = Cause\ Fraction_i \Big/ \sum_{cause=x}^{i} Cause\ Fraction_x$$

Metrics

The two metrics used to evaluate performance were cause-specific mortality fraction (CSMF) accuracy and coverage. Cause-specific mortality fraction is a measure of the net error in predicting a set of compositional cause fractions. It is calculated as 1 minus the sum of the absolute difference between true and predicted cause fractions divided by 2 times 1 minus the minimum true cause fraction:

$$CSMF = 1 - \frac{\sum abs(True_{cf} - Predicted_{cf})}{2 * (1 - \min(True_{CF}))}$$

Coverage is defined as the proportion of estimates in which the truth falls between the predicted upper and lower bounds.

$$Coverage = \frac{Number\ of\ estimates\ where\ True_{cf} \geq Pred_{lower} \& True_{cf} \leq Pred_upper}{Number\ of\ estimates}$$

Results

In the data generation process, we tested several options. First, we ran regressions that include all the covariates in the data generation process, which is labeled as the standard simulation. In addition, we tested misspecified models by excluding one of the covariates used in the data generation process from the regression. Finally, to add to the realism of the tests, we knocked out 20% of the data to mimic data missingness in real applications. In all three tests, the two-stage process outperforms the one-stage modelling approach. This is true both for the accuracy of the cause-specific mortality fractions and for the validity of the uncertainty intervals.

Web Table 24 - Comparison of CSMF accuracy performance for the one-stage and two-stage approaches given three permutations

Model	Metric	Standard	Exclude Covariate	Knock Out
One-Stage	CSMF Accuracy	0·81(0·76-0·89)	0·79(0·73-0·88)	0·81(0·76-0·89)
One-Stage	Coverage	0·15(0·14-0·16)	0·13(0·12-0·15)	0·19(0·18-0·21)
Two-Stage	CSMF Accuracy	0·99(0·96-1·00)	0·96(0·90-0·99)	0·99(0·96-1·00)
Two-Stage	Coverage	0·94(0·66-1·00)	0·63(0·37-0·82)	0·94(0·69-1·00)

Section 5. Supplemental and detailed results

This section presents detailed results on death numbers, death rates, and YLLs for 1990 and 2010. The tables are arranged as follows:

Web Table 25: Global death numbers by age and sex for 2010
Web Table 26: Global death numbers by age and sex for 1990
Web Table 27: Global death rates by age and sex for 2010
Web Table 28: Global death rates by age and sex for 1990
Web Table 29: Global YLLs by age and sex for 2010
Web Table 30: Global YLLs by age and sex for 1990
Web Table 31: Regional ranking of YLLs ordered by global ranks for 1990

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
All causes	52,769·7 (50,877·7–53,917·2)	2,163·7 (1,978·3–2,346·9)	676·5 (627·6–730·7)	2,031·5 (1,867·6–2,269·7)	1,969·6 (1,794·7–2,174·6)	453·1 (430·7–478·3)	364·3 (341·6–401·3)
Communicable, maternal, neonatal, and nutritional disorders	13,156·4 (12,377·2–13,807·6)	1,992·9 (1,805·1–2,178·9)	591·7 (542·7–647·5)	1,649·7 (1,490·5–1,893·4)	1,439·7 (1,268·9–1,640·4)	255·6 (229·5–283·5)	160·4 (142·0–179·8)
HIV/AIDS and tuberculosis	2,661·4 (2,358·1–2,895·7)	–	–	49·2 (40·9–60·3)	120·9 (103·6–140·1)	39·0 (34·7–43·9)	36·0 (32·2–40·3)
Tuberculosis	1,196·0 (923·7–1,376·8)	–	–	18·3 (12·6–29·7)	25·3 (20·1–33·1)	8·6 (5·9–11·8)	6·5 (4·8–8·6)
HIV/AIDS	1,465·4 (1,334·2–1,606·0)	–	–	31·0 (25·7–36·8)	95·6 (79·1–113·2)	30·4 (26·9–34·0)	29·5 (26·1–33·1)
HIV disease resulting in mycobacterial infection	256·9 (231·9–284·1)	–	–	5·8 (4·6–7·1)	17·8 (14·2–22·2)	5·8 (4·8–6·8)	5·8 (4·9–6·8)
HIV disease resulting in other specified or unspecified diseases	1,208·4 (1,091·6–1,333·9)	–	–	25·2 (19·9–30·9)	77·8 (62·0–96·2)	24·6 (20·6–28·6)	23·7 (20·4–27·2)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	5,276·9 (4,742·2–5,790·4)	172·0 (139·1–208·9)	195·4 (169·0–222·0)	988·2 (849·2–1,238·8)	684·0 (586·8–824·5)	140·1 (114·2–167·5)	79·2 (60·7–97·2)
Diarrheal diseases	1,445·8 (1,278·9–1,607·0)	25·1 (17·7–35·2)	52·1 (40·6–66·3)	353·5 (285·4–414·7)	235·3 (186·1–282·8)	43·0 (34·4–53·2)	19·5 (14·8–26·5)
Cholera	58·1 (44·2–74·3)	1·5 (0·9–2·6)	3·2 (2·0–4·9)	20·7 (14·0–30·4)	17·1 (11·7–23·1)	2·3 (1·6–3·3)	0·8 (0·5–1·2)
Other salmonella infections	81·3 (61·8–101·7)	1·0 (0·6–1·5)	2·1 (1·4–3·0)	14·9 (10·2–20·3)	11·8 (8·7–15·2)	3·6 (2·6–4·9)	2·4 (1·6–3·4)
Shigellosis	122·8 (97·4–149·6)	1·5 (0·9–2·4)	3·2 (2·2–4·7)	21·6 (15·2–29·2)	17·3 (12·5–22·8)	4·5 (3·3–6·3)	2·6 (1·8–4·0)
Enteropathogenic E coli infection	88·7 (66·8–112·8)	3·1 (1·9–5·1)	6·5 (4·1–9·6)	44·6 (31·5–60·1)	18·6 (13·5–24·9)	1·7 (1·2–2·4)	0·5 (0·3–0·7)
Enterotoxigenic E coli infection	120·8 (95·7–147·6)	1·4 (0·9–2·3)	2·9 (2·0–4·2)	20·3 (14·6–27·1)	14·1 (10·2–18·2)	2·8 (2·1–3·9)	1·6 (1·1–2·4)
Campylobacter enteritis	109·7 (81·8–137·2)	2·5 (1·5–3·9)	5·3 (3·4–7·7)	35·9 (25·0–47·2)	19·9 (13·8–26·6)	2·7 (1·9–3·9)	1·2 (0·7–1·8)
Amoebiasis	55·5 (40·6–73·8)	0·3 (0·2–0·5)	0·6 (0·4–1·0)	4·0 (2·5–6·1)	4·3 (2·9–5·8)	1·0 (0·7–1·4)	0·6 (0·4–0·9)
Cryptosporidiosis	99·8 (76·1–125·0)	3·5 (2·2–5·2)	6·9 (4·9–9·5)	47·3 (35·2–61·4)	25·3 (18·4–32·7)	2·3 (1·6–3·1)	0·5 (0·3–0·8)
Rotaviral enteritis	250·9 (191·5–308·2)	6·4 (3·9–10·0)	13·2 (9·1–18·5)	90·1 (65·5–115·9)	63·6 (45·7–81·4)	7·6 (5·4–10·5)	2·2 (1·5–3·3)
Other diarrheal diseases	458·3 (339·1–603·9)	3·8 (2·0–6·4)	8·1 (4·9–12·8)	54·0 (34·2–80·3)	43·5 (27·0–65·7)	14·5 (9·8–21·1)	7·3 (4·8–11·2)
Typhoid and paratyphoid fevers	190·2 (23·8–359·1)	–	–	9·0 (1·1–17·0)	30·1 (3·8–57·9)	24·0 (3·2–44·9)	17·9 (2·2–33·3)
Lower respiratory infections	2,814·4 (2,487·8–3,033·0)	106·9 (84·1–137·6)	86·7 (71·1–105·3)	409·0 (348·9–472·1)	244·5 (209·9–300·5)	32·8 (27·0–41·2)	20·7 (16·9–26·0)
Influenza	507·9 (444·2–553·8)	14·7 (10·8–20·1)	11·9 (9·2–15·6)	57·1 (45·7–71·0)	35·3 (29·4–44·1)	5·5 (4·5–7·0)	4·0 (3·2–5·1)
Pneumococcal pneumonia	827·3 (718·4–899·5)	17·9 (13·1–23·6)	14·5 (11·1–18·2)	69·2 (55·8–85·0)	66·0 (56·1–80·7)	7·5 (6·2–9·5)	3·8 (3·1–4·9)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Both Sexes, All Ages	Both Sexes, 0-6 Days	Both Sexes, 7-27 Days	Both Sexes, 28-364 Days	Both Sexes, 1-4 Years	Both Sexes, 5-9 Years	Both Sexes, 10-14 Years
H influenzae type B pneumonia	379·9 (337·1–420·5)	23·1 (17·0–31·4)	18·7 (14·5–23·8)	88·9 (71·7–107·9)	53·0 (44·2–66·5)	6·6 (5·3–8·4)	3·8 (3·0–5·0)
Respiratory syncytial virus pneumonia	253·5 (215·0–296·6)	36·0 (27·6–47·3)	29·5 (23·7–36·7)	137·0 (112·6–164·0)	31·3 (26·1–38·2)	0·3 (0·3–0·4)	0·2 (0·2–0·3)
Other lower respiratory infections	845·8 (734·1–927·6)	15·2 (10·3–21·6)	12·0 (8·6–16·6)	56·9 (42·2–74·9)	58·9 (48·0–75·7)	12·8 (10·5–15·9)	8·9 (7·2–11·2)
Upper respiratory infections	3·0 (2·7–3·4)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·5 (0·4–0·6)	0·3 (0·3–0·4)	0·1 (0·1–0·1)	<0·05 (0·0–0·05)
Otitis media	3·5 (0·0–39·8)	<0·05 (0·0–0·4)	0·1 (0·0–1·6)	1·8 (0·0–21·2)	0·3 (0·0–3·5)	0·1 (0·0–0·8)	0·1 (0·0–0·7)
Meningitis	422·9 (360·2–471·7)	17·3 (11·5–23·6)	28·6 (21·9–37·0)	90·5 (72·3–113·2)	68·3 (55·0–89·4)	18·7 (14·7–23·8)	11·5 (9·1–14·8)
Pneumococcal meningitis	118·4 (98·4–132·0)	3·4 (2·1–5·1)	5·6 (4·1–7·7)	17·3 (13·2–22·6)	19·0 (15·4–25·7)	6·1 (4·6–7·6)	4·0 (3·0–5·3)
H influenzae type B meningitis	83·0 (70·6–97·0)	4·6 (3·0–6·7)	7·7 (5·7–10·3)	24·1 (19·0–30·8)	22·6 (18·1–29·9)	6·0 (4·5–7·7)	2·8 (2·1–3·7)
Meningococcal infection	75·0 (61·8–85·0)	2·4 (1·3–4·0)	4·0 (2·7–5·7)	11·3 (8·1–15·4)	15·0 (12·0–20·0)	4·1 (3·3–5·2)	2·5 (2·1–3·1)
Other meningitis	146·4 (119·8–164·4)	6·9 (4·6–9·8)	11·2 (8·4–14·4)	37·8 (30·2–47·3)	11·7 (9·5–15·3)	2·5 (2·0–3·2)	2·2 (1·7–2·9)
Encephalitis	119·3 (98·0–137·1)	3·4 (2·3–5·2)	6·2 (4·2–9·2)	17·5 (13·0–23·7)	14·0 (10·0–19·7)	7·4 (4·8–10·8)	4·9 (3·2–7·5)
Diphtheria	2·9 (0·0–24·9)	–	–	0·7 (0·0–5·7)	1·6 (0·0–13·7)	0·3 (0·0–2·8)	0·1 (0·0–0·8)
Whooping cough	81·4 (0·3–399·0)	–	–	65·8 (0·2–320·1)	13·2 (0·0–67·2)	0·7 (0·0–3·7)	0·2 (0·0–1·0)
Tetanus	61·3 (31·0–114·0)	19·0 (8·7–34·7)	21·4 (11·1–36·2)	6·4 (3·3–11·6)	0·8 (0·0–3·5)	0·9 (0·0–3·7)	0·7 (0·0–2·7)
Measles	125·4 (41·3–295·5)	–	–	32·1 (10·9–75·4)	74·1 (24·0–177·6)	12·0 (4·0–27·4)	3·4 (1·1–7·9)
Varicella	6·8 (0·0–46·4)	0·1 (0·0–0·6)	0·2 (0·0–1·2)	1·4 (0·0–9·4)	1·4 (0·0–9·6)	0·3 (0·0–2·1)	0·1 (0·0–0·9)
Neglected tropical diseases and malaria	1,321·8 (1,055·6–1,677·6)	0·4 (0·2–0·7)	26·8 (15·5–44·0)	248·4 (161·7–376·5)	430·9 (291·3–628·2)	46·6 (36·8–57·7)	26·8 (21·1–33·6)
Malaria	1,169·5 (916·5–1,526·9)	–	26·1 (14·7–43·3)	240·4 (153·5–369·6)	409·5 (268·3–607·1)	34·8 (24·9–45·1)	18·8 (13·5–25·3)
Chagas disease	10·3 (5·1–28·6)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Leishmaniasis	51·6 (33·2–76·1)	–	0·3 (0·1–0·5)	4·1 (2·3–6·9)	10·4 (6·1–16·8)	5·0 (2·9–8·0)	3·9 (2·4–6·0)
African trypanosomiasis	9·1 (1·1–29·0)	–	–	–	0·8 (0·1–2·5)	0·7 (0·1–2·3)	0·8 (0·1–2·5)
Schistosomiasis	11·7 (0·0–69·8)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·3)	<0·05 (0·0–0·2)	0·1 (0·0–0·3)
Cysticercosis	1·2 (0·0–4·3)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
Echinococcosis	1·2 (0·0–4·7)	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Dengue	14·7 (6·1–24·3)	–	–	1·2 (0·4–2·6)	2·7 (0·9–6·2)	1·3 (0·5–2·6)	0·7 (0·3–1·4)
Rabies	26·4 (15·2–45·2)	–	–	0·7 (0·3–1·6)	3·8 (1·6–8·9)	3·7 (1·9–7·4)	1·9 (1·0–3·6)
Intestinal nematode infections	2·7 (0·0–13·0)	–	–	0·3 (0·0–1·3)	1·6 (0·0–7·8)	0·3 (0·0–1·5)	0·1 (0·0–0·4)
Ascariasis	2·7 (0·0–13·0)	–	–	0·3 (0·0–1·3)	1·6 (0·0–7·8)	0·3 (0·0–1·5)	0·1 (0·0–0·4)
Other neglected tropical diseases	23·7 (16·6–30·9)	0·4 (0·2–0·7)	0·5 (0·3–0·8)	1·7 (1·1–2·8)	2·2 (1·2–3·7)	0·7 (0·4–1·4)	0·5 (0·3–1·0)
Maternal disorders	254·7 (203·8–303·3)	–	–	–	–	–	–
Maternal hemorrhage	58·3 (46·2–68·7)	–	–	–	–	–	–
Maternal sepsis	21·9 (17·6–26·7)	–	–	–	–	–	–
Hypertensive disorders of pregnancy	47·1 (37·7–57·2)	–	–	–	–	–	–
Obstructed labor	10·9 (8·6–13·5)	–	–	–	–	–	–
Abortion	37·1 (29·8–45·1)	–	–	–	–	–	–
Other maternal disorders	79·4 (63·0–92·4)	–	–	–	–	–	–
Neonatal disorders	2.236·4 (2,014·6–2,470·1)	1.756·6 (1,567·3–1,943·6)	342·8 (294·1–396·8)	130·2 (105·0–160·6)	6·8 (4·9–9·6)	–	–
Preterm birth complications	859·7 (731·6–990·1)	703·1 (589·1–820·9)	109·3 (88·0–134·6)	46·1 (35·0–63·0)	1·2 (0·8–1·8)	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	511·4 (402·2–619·4)	432·9 (337·0–532·2)	56·1 (41·7–73·8)	19·6 (13·5–26·7)	2·8 (1·6–4·8)	–	–
Sepsis and other infectious disorders of the newborn baby	513·7 (317·6–841·0)	376·3 (231·6–602·1)	105·3 (63·9–171·9)	31·2 (16·4–58·3)	0·9 (0·4–1·9)	–	–
Other neonatal disorders	351·7 (293·5–429·8)	244·3 (194·3–312·4)	72·2 (56·3–92·2)	33·2 (24·6–44·8)	1·9 (1·2–3·1)	–	–
Nutritional deficiencies	684·1 (546·0–790·1)	–	–	136·9 (104·9–177·5)	142·8 (110·6–182·5)	13·2 (10·0–17·2)	8·0 (5·9–11·0)
Protein-energy malnutrition	599·8 (459·4–701·9)	–	–	131·6 (101·2–172·0)	134·6 (102·9–176·4)	11·7 (8·5–16·1)	6·6 (4·8–9·4)
Iodine deficiency	3·4 (2·4–3·8)	–	–	0·2 (0·1–0·2)	0·1 (0·1–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)
Iron-deficiency anemia	69·4 (51·6–78·9)	–	–	4·7 (3·5–6·1)	7·8 (5·8–10·6)	1·4 (1·1–1·9)	1·3 (0·9–1·6)
Other nutritional deficiencies	11·5 (8·0–12·8)	–	–	0·5 (0·3–0·6)	0·3 (0·2–0·4)	0·1 (0·1–0·1)	0·1 (0·0–0·1)

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Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
Other communicable, maternal, neonatal, and nutritional disorders	721·2 (626·8–830·4)	63·8 (41·9–94·7)	26·7 (19·4–35·5)	96·7 (74·2–125·4)	54·4 (42·5–70·7)	16·6 (13·1–22·5)	10·4 (7·6–14·8)
Sexually transmitted diseases excluding HIV	118·3 (71·6–187·7)	49·1 (28·1–80·3)	11·8 (6·8–19·5)	37·7 (21·6–61·0)	8·1 (4·6–13·2)	2·0 (1·2–3·3)	0·2 (0·1–0·3)
Syphilis	113·3 (66·9–181·7)	49·1 (28·3–79·7)	11·8 (6·8–19·3)	37·7 (21·4–61·5)	8·1 (4·6–13·3)	2·0 (1·2–3·3)	0·1 (0·1–0·2)
Sexually transmitted chlamydial diseases	1·2 (0·8–1·8)	–	–	–	–	–	<0·05 (0·0–0·05)
Gonococcal infection	0·9 (0·6–1·3)	–	–	–	–	–	<0·05 (0·0–0·05)
Other sexually transmitted diseases	2·9 (2·0–4·5)	–	–	–	–	–	0·1 (0·0–0·1)
Hepatitis	307·7 (268·2–356·5)	–	–	16·3 (9·9–29·7)	15·2 (9·1–27·7)	6·4 (4·0–11·0)	5·9 (3·5–10·3)
Acute hepatitis A	102·8 (51·2–228·1)	–	–	10·9 (4·4–23·8)	5·3 (1·4–13·9)	1·0 (0·4–2·1)	1·0 (0·4–2·3)
Acute hepatitis B	132·2 (91·1–169·7)	–	–	5·4 (2·8–10·0)	1·7 (0·7–3·2)	0·5 (0·2–0·9)	0·4 (0·2–0·6)
Acute hepatitis C	16·0 (11·6–21·4)	–	–	–	–	<0·05 (0·0–0·2)	0·1 (0·0–0·2)
Acute hepatitis E	56·6 (23·3–113·3)	–	–	–	8·1 (2·5–21·2)	4·9 (1·7–11·3)	4·5 (1·5–10·0)
Other infectious diseases	295·2 (205·6–362·1)	14·7 (8·9–20·7)	14·8 (9·7–20·1)	42·8 (30·0–58·1)	31·1 (23·3–41·4)	8·2 (5·7–11·5)	4·3 (3·1–6·1)
Non-communicable diseases	34,539·9 (33,164·7–35,313·0)	156·6 (128·0–188·5)	71·3 (60·3–83·2)	281·1 (242·0–313·5)	264·0 (228·5–309·2)	95·0 (84·0–106·3)	91·5 (82·5–100·1)
Neoplasms	7,977·9 (7,337·1–8,403·8)	1·2 (0·8–1·7)	1·0 (0·6–1·5)	10·0 (7·5–13·5)	20·7 (15·4–26·3)	22·2 (17·8–25·7)	21·4 (17·6–24·6)
Esophageal cancer	395·2 (298·4–482·1)	–	–	–	–	–	–
Stomach cancer	754·9 (571·9–990·4)	–	–	–	–	–	–
Liver cancer	752·1 (643·6–880·3)	–	–	–	–	0·8 (0·6–1·4)	0·9 (0·6–1·5)
Liver cancer secondary to hepatitis B	341·4 (290·1–402·6)	–	–	–	–	0·2 (0·1–0·3)	0·3 (0·2–0·5)
Liver cancer secondary to hepatitis C	195·7 (165·2–222·0)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)
Liver cancer secondary to alcohol use	149·0 (127·3–172·6)	–	–	–	–	–	–
Other liver cancer	66·0 (57·2–77·3)	–	–	–	–	0·6 (0·4–1·0)	0·6 (0·4–0·9)
Larynx cancer	98·3 (52·8–159·2)	–	–	–	–	–	–
Trachea, bronchus and lung cancers	1,527·1 (1,126·3–1,779·4)	–	–	–	–	–	–

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Breast cancer	438·7 (420·1–461·9)	–	–	–	–	–	–
Cervical cancer	225·4 (145·2–311·5)	–	–	–	–	–	–
Uterine cancer	58·6 (27·5–87·8)	–	–	–	–	–	–
Prostate cancer	256·0 (141·1–404·4)	–	–	–	–	–	–
Colon and rectum cancers	714·6 (627·9–822·6)	–	–	–	–	–	–
Mouth cancer	123·9 (104·2–136·3)	–	–	–	–	–	–
Nasopharynx cancer	64·9 (42·3–83·3)	–	–	–	–	0·1 (0·1–0·2)	0·4 (0·2–0·6)
Cancer of other part of pharynx and oropharynx	102·4 (59·5–128·5)	–	–	–	–	–	–
Gallbladder and biliary tract cancer	151·7 (100·4–206·8)	–	–	–	–	–	–
Pancreatic cancer	310·2 (231·7–393·1)	–	–	–	–	–	–
Malignant melanoma of skin	49·1 (29·9–69·5)	–	–	–	–	–	–
Non-melanoma skin cancer	30·6 (17·5–46·3)	–	–	–	–	–	–
Ovarian cancer	160·5 (115·9–200·6)	–	–	–	–	–	–
Testicular cancer	7·7 (4·8–10·0)	–	–	–	–	–	–
Kidney and other urinary organ cancers	162·1 (125·5–219·8)	–	–	0·4 (0·2–0·6)	1·5 (0·9–2·2)	0·9 (0·5–1·4)	0·4 (0·2–0·8)
Bladder cancer	170·7 (131·1–201·2)	–	–	–	–	–	–
Brain and nervous system cancers	195·5 (115·1–239·3)	–	–	–	2·8 (1·0–6·1)	3·7 (2·1–4·8)	2·9 (1·7–3·9)
Thyroid cancer	36·0 (26·4–43·2)	–	–	–	–	–	0·2 (0·1–0·4)
Hodgkin's disease	17·7 (11·6–25·5)	0·1 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·2 (0·1–0·5)	0·4 (0·2–0·6)	0·4 (0·2–0·5)
Non-Hodgkin's lymphoma	210·0 (166·0–228·5)	–	–	0·6 (0·4–0·7)	2·9 (1·9–4·2)	3·5 (2·1–5·3)	2·9 (1·9–4·2)
Multiple myeloma	74·1 (48·9–102·2)	–	–	–	–	–	–
Leukemia	281·3 (219·6–328·0)	–	–	3·5 (2·6–4·7)	7·9 (5·8–9·8)	8·0 (6·1–10·0)	8·3 (6·5–10·3)
Other neoplasms	608·4 (441·2–737·3)	1·2 (0·8–1·6)	0·9 (0·6–1·4)	5·5 (3·4–8·6)	5·3 (3·1–8·2)	4·7 (3·2–6·4)	5·0 (3·3–6·9)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
Cardiovascular and circulatory diseases	15,616·1 (14,542·2–16,315·1)	9·2 (7·3–11·1)	6·3 (5·0–7·8)	33·7 (27·7–39·7)	29·8 (24·4–35·7)	11·8 (9·6–14·1)	14·6 (12·2–17·4)
Rheumatic heart disease	345·1 (305·8–374·3)	–	–	–	2·2 (1·7–2·7)	1·2 (1·0–1·5)	2·4 (1·9–3·1)
Ischemic heart disease	7,029·3 (6,577·2–7,431·1)	–	–	6·7 (3·8–9·5)	6·1 (3·9–8·4)	2·9 (1·8–4·3)	3·5 (2·5–5·0)
Cerebrovascular disease	5,874·2 (5,304·7–6,280·1)	3·6 (2·5–4·8)	2·4 (1·6–3·5)	9·4 (5·5–13·8)	7·9 (5·4–10·9)	3·7 (2·7–4·8)	4·4 (3·2–5·7)
Ischemic stroke	2,835·4 (2,657·0–3,262·8)	–	–	2·1 (1·3–2·9)	1·9 (1·2–2·4)	0·6 (0·5–0·8)	0·6 (0·5–0·8)
Hemorrhagic and other non-ischemic stroke	3,038·8 (2,643·4–3,496·9)	3·6 (2·6–5·1)	2·4 (1·7–3·8)	7·3 (4·3–10·9)	6·1 (3·6–8·7)	3·0 (2·1–4·2)	3·8 (2·7–5·3)
Hypertensive heart disease	873·2 (715·5–1,074·1)	–	–	1·2 (0·8–1·7)	1·4 (0·9–1·9)	0·5 (0·3–0·6)	0·5 (0·3–0·6)
Cardiomyopathy and myocarditis	403·9 (361·5–450·4)	2·8 (1·7–4·4)	2·3 (1·4–3·8)	6·9 (4·1–10·3)	6·2 (2·7–10·9)	1·8 (1·2–2·7)	1·8 (1·3–2·5)
Atrial fibrillation and flutter	114·7 (92·7–144·7)	–	–	–	–	–	–
Aortic aneurysm	191·7 (140·3–249·2)	–	–	–	–	–	–
Peripheral vascular disease	49·8 (32·9–74·8)	–	–	–	–	–	–
Endocarditis	48·3 (39·3–55·4)	0·4 (0·3–0·6)	0·3 (0·2–0·4)	2·0 (1·5–2·5)	1·5 (1·1–2·0)	0·4 (0·3–0·5)	0·4 (0·3–0·5)
Other cardiovascular and circulatory diseases	685·9 (664·0–705·3)	2·3 (1·7–3·0)	1·2 (0·9–1·6)	7·5 (5·3–9·9)	4·4 (2·6–6·5)	1·4 (1·1–1·7)	1·5 (1·3–1·8)
Chronic respiratory diseases	3,776·3 (3,648·2–3,934·1)	4·6 (3·5–6·6)	4·4 (3·3–6·3)	33·9 (26·8–44·3)	28·9 (24·9–34·2)	5·3 (4·2–6·7)	5·3 (4·2–6·9)
Chronic obstructive pulmonary disease	2,899·9 (2,669·3–3,245·8)	–	–	15·0 (9·4–23·0)	8·0 (6·1–10·5)	1·5 (1·1–2·1)	1·6 (1·1–2·4)
Pneumoconiosis	124·7 (78·3–196·9)	–	–	–	0·6 (0·2–1·3)	0·1 (0·1–0·3)	0·1 (0·1–0·2)
Asthma	345·7 (282·6–529·1)	–	–	–	9·9 (4·5–18·9)	2·1 (1·2–3·9)	2·2 (1·3–4·0)
Other interstitial lung disease	115·1 (76·7–152·0)	–	–	–	0·8 (0·3–1·7)	0·2 (0·1–0·3)	0·1 (0·1–0·2)
Other chronic respiratory diseases	290·8 (226·8–356·5)	4·6 (2·9–6·9)	4·4 (2·8–6·8)	19·0 (11·1–29·1)	9·7 (5·1–14·8)	1·4 (0·9–2·2)	1·2 (0·8–2·0)
Cirrhosis of the liver	1,030·8 (868·8–1,160·5)	–	–	–	12·2 (8·4–17·7)	2·6 (1·9–3·7)	3·0 (2·1–4·9)
Cirrhosis of the liver secondary to hepatitis B	312·4 (270·8–378·3)	–	–	–	0·7 (0·5–1·1)	0·4 (0·3–0·6)	0·7 (0·5–1·0)
Cirrhosis of the liver secondary to hepatitis C	287·4 (245·4–330·5)	–	–	–	0·4 (0·3–0·5)	0·2 (0·2–0·3)	0·4 (0·3–0·6)
Cirrhosis of the liver secondary to alcohol use	282·8 (225·6–335·0)	–	–	–	–	–	–

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Cause	Both Sexes, All Ages	Both Sexes, 0-6 Days	Both Sexes, 7-27 Days	Both Sexes, 28-364 Days	Both Sexes, 1-4 Years	Both Sexes, 5-9 Years	Both Sexes, 10-14 Years
Other cirrhosis of the liver	148·2 (126·6–173·0)	–	–	–	11·1 (7·9–16·3)	1·9 (1·4–2·8)	2·0 (1·3–3·2)
Digestive diseases (except cirrhosis)	1,111·7 (999·5–1,210·0)	–	–	–	33·1 (27·0–41·0)	5·6 (4·7–6·7)	5·5 (4·4–7·0)
Peptic ulcer disease	246·3 (215·0–282·2)	–	–	–	3·1 (1·7–6·0)	1·0 (0·7–1·4)	1·2 (0·8–1·9)
Gastritis and duodenitis	14·3 (11·0–18·2)	–	–	–	0·4 (0·2–0·6)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Appendicitis	34·8 (22·0–46·9)	–	–	–	4·9 (2·3–9·5)	0·8 (0·5–1·5)	0·7 (0·4–1·1)
Paralytic ileus and intestinal obstruction without hernia	148·1 (112·1–192·2)	–	–	–	6·9 (3·7–13·1)	1·2 (0·8–1·7)	1·1 (0·7–1·7)
Inguinal or femoral hernia	17·1 (16·7–17·3)	–	–	–	0·6 (0·5–0·7)	0·1 (0·1–0·1)	0·1 (0·1–0·1)
Noninfective inflammatory bowel disease	34·0 (23·6–39·7)	–	–	–	4·4 (1·0–7·5)	0·4 (0·2–0·6)	0·3 (0·1–0·4)
Vascular disorders of intestine	73·4 (41·2–150·0)	–	–	–	0·2 (0·1–0·5)	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Gall bladder and bile duct disease	89·1 (72·1–105·0)	–	–	–	1·7 (0·8–3·1)	0·3 (0·2–0·5)	0·3 (0·2–0·4)
Pancreatitis	76·6 (57·4–95·5)	–	–	–	0·6 (0·2–1·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)
Other digestive diseases	378·1 (301·6–500·4)	–	–	–	10·3 (6·1–16·3)	1·5 (1·0–2·4)	1·6 (1·0–2·7)
Neurological disorders	1,273·8 (980·9–1,466·9)	–	–	22·0 (14·6–32·1)	35·4 (20·4–65·4)	15·4 (11·0–22·1)	14·9 (10·7–20·4)
Alzheimer's disease and other dementias	485·7 (307·8–590·5)	–	–	–	–	0·9 (0·5–1·3)	0·6 (0·4–0·9)
Parkinson's disease	111·1 (81·2–138·6)	–	–	–	–	–	–
Epilepsy	177·6 (119·7–222·3)	–	–	7·4 (3·8–13·2)	19·8 (8·0–46·8)	6·3 (3·7–9·8)	5·4 (3·6–6·9)
Multiple sclerosis	18·2 (14·1–21·8)	–	–	–	–	–	–
Other neurological disorders	481·1 (317·9–690·7)	–	–	14·6 (9·2–23·2)	15·6 (9·4–25·6)	8·3 (5·2–13·3)	8·9 (5·4–14·4)
Mental and behavioral disorders	231·9 (176·3–329·1)	0·3 (0·2–0·6)	0·4 (0·2–0·6)	1·7 (1·0–3·3)	2·8 (1·6–4·5)	0·8 (0·5–1·3)	0·7 (0·5–1·1)
Schizophrenia	19·8 (16·6–25·0)	–	–	–	–	–	–
Alcohol use disorders	111·1 (64·0–186·3)	–	–	–	–	–	–
Drug use disorders	77·6 (48·8–124·4)	0·3 (0·2–0·6)	0·4 (0·2–0·6)	1·7 (1·0–3·3)	2·5 (1·3–4·2)	0·6 (0·3–1·1)	0·5 (0·3–1·0)
Opioid use disorders	43·0 (26·9–68·4)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·9 (0·5–1·7)	1·2 (0·6–2·1)	0·3 (0·2–0·5)	0·3 (0·2–0·5)

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Cocaine use disorders	0·5 (0·2–0·5)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Amphetamine use disorders	0·5* (0·1–0·3)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	33·6 (21·9–55·9)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·8 (0·5–1·5)	1·2 (0·6–2·1)	0·3 (0·2–0·5)	0·2 (0·2–0·5)
Eating disorders	7·3 (4·5–9·9)	–	–	–	–	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other mental and behavioral disorders	16·1 (9·8–22·1)	–	–	–	0·4 (0·2–0·6)	0·1 (0·1–0·1)	0·1 (0·0–0·1)
Diabetes, urogenital, blood, and endocrine diseases	2,726·2 (2,447·1–2,999·1)	6·5 (4·5–9·5)	5·4 (3·6–7·8)	40·5 (31·5–53·5)	46·7 (30·7–69·8)	17·8 (12·9–25·5)	15·4 (12·0–19·8)
Diabetes mellitus	1,281·3 (1,065·2–1,347·9)	0·7 (0·5–0·9)	0·5 (0·3–0·6)	3·7 (2·5–5·5)	3·4 (2·4–4·5)	1·3 (1·0–1·8)	1·7 (1·2–2·3)
Acute glomerulonephritis	84·2 (41·4–191·8)	–	–	4·8 (2·2–10·8)	7·8 (2·8–18·9)	3·8 (1·3–9·9)	2·3 (0·9–5·2)
Chronic kidney diseases	735·6 (612·1–810·4)	–	–	7·1 (4·8–10·1)	7·7 (5·5–10·0)	3·3 (2·2–4·5)	3·5 (2·5–4·8)
Chronic kidney disease due to diabetes mellitus	178·3 (147·7–198·4)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Chronic kidney disease due to hypertension	175·3 (147·0–193·3)	–	–	0·9 (0·6–1·2)	0·9 (0·7–1·3)	0·4 (0·3–0·6)	0·5 (0·4–0·7)
Chronic kidney disease unspecified	382·0 (317·9–422·3)	–	–	6·2 (4·2–8·8)	6·7 (4·8–8·7)	2·8 (1·9–3·9)	3·0 (2·2–4·1)
Urinary diseases and male infertility	267·1 (204·5–343·4)	0·6 (0·4–1·0)	0·7 (0·4–1·1)	4·2 (2·5–6·8)	3·3 (1·9–5·5)	0·7 (0·5–1·0)	0·8 (0·6–1·0)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	163·3 (109·1–199·8)	0·3 (0·1–0·4)	0·3 (0·2–0·4)	2·0 (1·1–3·1)	1·5 (0·9–2·2)	0·3 (0·2–0·4)	0·4 (0·2–0·5)
Urolithiasis	19·0 (11·0–26·0)	–	–	–	–	0·1 (0·1–0·2)	0·1 (0·0–0·1)
Other urinary diseases	84·9 (63·5–114·1)	0·4 (0·2–0·7)	0·4 (0·2–0·7)	2·2 (0·9–4·4)	1·7 (0·8–3·5)	0·3 (0·2–0·5)	0·3 (0·2–0·4)
Gynecological diseases	7·0 (5·9–8·0)	–	–	–	–	–	–
Uterine fibroids	0·8 (0·6–0·9)	–	–	–	–	–	–
Endometriosis	<0·05 (0·0–0·05)	–	–	–	–	–	–
Genital prolapse	0·4 (0·3–0·4)	–	–	–	–	–	–
Other gynecological diseases	5·9 (4·9–6·7)	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	114·8 (86·2–151·1)	2·4 (1·4–3·6)	1·6 (1·0–2·3)	8·3 (5·1–12·0)	14·6 (6·6–26·4)	5·1 (3·1–7·5)	4·3 (2·9–6·0)
Thalassemias	17·9 (15·1–20·4)	<0·05 (0·0–0·1)	0·1 (0·1–0·1)	0·7 (0·5–0·9)	1·9 (1·4–2·6)	1·3 (0·9–1·8)	1·5 (1·0–2·0)

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Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
Sickle cell disorders	28·6 (16·8–40·9)	0·2 (0·1–0·3)	0·4 (0·2–0·6)	3·9 (2·0–5·9)	8·0 (3·8–13·3)	2·9 (1·4–4·3)	1·8 (0·9–2·7)
G6PD deficiency	4·0 (3·5–4·6)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·1–0·2)	0·3 (0·2–0·5)	0·2 (0·2–0·3)	0·2 (0·1–0·3)
Other hemoglobinopathies and hemolytic anemias	64·3 (40·9–89·2)	2·1 (1·4–3·3)	1·1 (0·6–1·8)	3·6 (2·0–6·2)	4·4 (1·2–12·3)	0·7 (0·2–1·6)	0·9 (0·3–1·8)
Other endocrine, nutritional, blood, and immune disorders	236·1 (148·8–417·9)	2·8 (1·4–5·8)	2·6 (1·3–5·0)	12·4 (7·2–24·1)	9·9 (4·6–19·0)	3·6 (1·6–6·1)	2·9 (1·5–4·9)
Musculoskeletal disorders	153·5 (110·7–214·8)	–	–	–	–	0·8 (0·5–1·1)	1·2 (0·8–1·7)
Rheumatoid arthritis	48·9 (37·9–68·6)	–	–	–	–	0·2 (0·2–0·4)	0·2 (0·2–0·4)
Other musculoskeletal disorders	104·7 (83·8–143·7)	–	–	–	–	0·6 (0·4–0·8)	1·0 (0·7–1·3)
Other non-communicable diseases	641·7 (524·8–721·4)	134·8 (107·0–167·0)	53·9 (43·8–65·6)	139·2 (109·3–164·5)	54·5 (43·9–68·1)	12·8 (10·3–16·5)	9·5 (7·2–13·0)
Congenital anomalies	510·4 (404·7–596·3)	134·8 (107·0–167·0)	47·7 (39·0–59·6)	117·1 (87·4–141·0)	50·0 (39·6–63·7)	12·0 (9·5–15·7)	8·7 (6·4–12·3)
Neural tube defects	70·8 (39·8–104·6)	36·0 (19·8–57·7)	7·5 (3·9–12·0)	11·3 (6·2–18·9)	5·0 (2·3–9·7)	1·4 (0·6–2·7)	1·2 (0·5–2·8)
Congenital heart anomalies	223·6 (199·5–246·7)	45·7 (39·0–54·2)	21·1 (17·8–26·2)	50·4 (39·5–64·4)	23·0 (17·8–31·1)	5·7 (4·3–7·6)	4·3 (3·2–6·2)
Cleft lip and cleft palate	3·7 (2·1–5·5)	1·3 (0·7–2·0)	0·7 (0·4–1·1)	1·3 (0·7–2·2)	0·4 (0·2–0·8)	–	–
Down's syndrome	17·4 (11·1–25·4)	2·2 (1·2–3·9)	1·2 (0·6–2·0)	3·6 (2·0–6·1)	2·5 (1·1–4·6)	0·5 (0·2–0·9)	0·4 (0·2–0·8)
Other chromosomal abnormalities	18·9 (9·7–33·8)	6·5 (3·3–13·0)	3·0 (1·5–5·6)	4·9 (2·4–9·8)	1·3 (0·5–2·7)	0·4 (0·2–0·8)	0·3 (0·1–0·6)
Other congenital anomalies	176·0 (118·9–218·7)	43·0 (25·8–62·0)	14·2 (8·2–20·8)	45·6 (25·9–68·0)	17·8 (8·9–29·0)	4·1 (2·4–6·1)	2·5 (1·5–4·1)
Skin and subcutaneous diseases	109·2 (84·9–124·0)	–	–	6·3 (4·5–8·4)	4·6 (2·6–6·2)	0·8 (0·6–1·0)	0·8 (0·6–1·0)
Cellulitis	26·6 (20·4–30·2)	–	–	1·3 (0·9–1·7)	1·5 (0·8–2·0)	0·3 (0·2–0·4)	0·3 (0·2–0·4)
Abscess, impetigo, and other bacterial skin diseases	39·7 (31·1–45·1)	–	–	5·0 (3·6–6·7)	3·0 (1·7–4·0)	0·4 (0·3–0·5)	0·4 (0·3–0·5)
Decubitus ulcer	42·6 (32·9–48·7)	–	–	–	0·1 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·1)
Other skin and subcutaneous diseases	0·4* (0·1–0·1)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	22·0 (13·1–36·5)	–	6·2 (2·5–14·6)	15·8 (10·0–25·9)	–	–	–
Injuries	5,073·3 (4,556·7–5,548·1)	14·2 (12·3–16·8)	13·4 (11·5–16·0)	100·7 (88·3–114·8)	265·8 (237·1–300·3)	102·5 (91·3–118·1)	112·4 (96·6–145·8)
Transport injuries	1,396·8 (1,101·4–1,850·1)	1·0 (0·7–1·4)	1·0 (0·7–1·4)	11·6 (8·3–16·3)	60·7 (47·3–85·5)	32·8 (26·4–44·1)	28·7 (23·5–37·6)

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Road injury	1,328·5 (1,050·9–1,747·0)	0·9 (0·6–1·3)	0·8 (0·6–1·1)	10·8 (7·5–15·7)	57·0 (44·4–77·1)	31·2 (24·6–41·1)	27·1 (21·6–35·2)
Pedestrian injury by road vehicle	461·0 (337·1–617·3)	0·3 (0·1–0·5)	0·2 (0·1–0·3)	3·0 (1·6–5·7)	29·0 (16·4–47·2)	13·5 (10·0–19·3)	9·9 (7·3–14·4)
Pedal cycle vehicle	83·3 (62·3–101·4)	–	–	–	2·1 (1·1–3·2)	2·3 (1·5–3·3)	2·8 (1·9–4·2)
Motorized vehicle with two wheels	206·4 (159·7–233·8)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·8 (0·5–1·2)	3·6 (2·3–4·8)	2·6 (1·8–3·9)	2·9 (2·2–4·0)
Motorized vehicle with three or more wheels	474·5 (379·3–581·4)	0·5 (0·3–0·8)	0·4 (0·3–0·7)	5·6 (3·4–9·6)	17·6 (10·9–26·5)	10·0 (7·5–13·0)	8·8 (6·8–11·3)
Road injury other	103·3 (50·7–202·2)	0·1 (0·0–0·2)	0·1 (0·1–0·3)	1·5 (0·6–3·2)	4·7 (1·6–10·4)	2·8 (1·4–5·5)	2·7 (1·2–5·9)
Other transport injury	68·3 (58·0–82·7)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·8 (0·5–1·1)	3·7 (1·4–5·7)	1·6 (1·1–2·2)	1·6 (1·2–2·2)
Unintentional injuries other than transport injuries	2,122·8 (1,867·5–2,283·8)	9·3 (7·6–11·9)	9·6 (7·8–12·2)	77·9 (65·3–91·0)	187·6 (163·7–214·0)	62·6 (54·7–73·1)	50·5 (44·5–58·0)
Falls	540·5 (415·2–611·9)	1·0 (0·6–1·4)	0·8 (0·5–1·2)	9·4 (6·5–13·6)	22·6 (16·9–30·3)	7·6 (5·3–11·9)	6·4 (4·3–10·1)
Drowning	349·1 (299·9–437·8)	0·6 (0·4–0·9)	0·3 (0·2–0·4)	6·1 (4·5–8·5)	64·3 (49·3–86·8)	22·4 (18·1–30·7)	18·4 (15·0–24·3)
Fire, heat and hot substances	337·6 (234·7–433·8)	0·7 (0·5–1·0)	1·2 (0·9–1·7)	13·3 (9·2–19·1)	48·1 (33·5–61·7)	12·0 (7·7–19·7)	6·8 (4·0–11·7)
Poisonings	180·4 (130·1–239·9)	0·6 (0·4–0·9)	0·7 (0·5–1·2)	3·9 (2·8–5·6)	11·5 (8·5–17·1)	3·1 (2·2–4·7)	3·3 (2·4–4·6)
Exposure to mechanical forces	215·6 (154·6–255·3)	0·4 (0·3–0·6)	0·3 (0·2–0·5)	2·9 (1·8–4·0)	12·1 (8·4–18·6)	5·9 (4·2–9·4)	5·5 (3·8–8·3)
Mechanical forces (firearm)	79·8 (52·0–127·1)	0·2 (0·1–0·4)	0·1 (0·0–0·1)	1·1 (0·6–2·3)	4·1 (1·8–7·5)	2·6 (1·4–4·6)	2·8 (1·5–5·1)
Mechanical forces (other)	135·7 (83·5–161·0)	0·2 (0·1–0·3)	0·3 (0·1–0·4)	1·8 (0·7–2·7)	8·0 (3·6–13·2)	3·4 (1·9–5·6)	2·7 (1·4–4·7)
Adverse effects of medical treatment	83·7 (64·6–96·2)	1·2 (0·8–1·6)	1·0 (0·7–1·4)	4·8 (3·4–6·4)	4·0 (2·3–5·9)	1·0 (0·7–1·4)	0·9 (0·6–1·4)
Animal contact	64·3 (41·0–88·4)	1·0 (0·5–2·6)	0·9 (0·4–1·6)	4·2 (1·9–8·2)	7·0 (3·5–11·9)	4·2 (2·4–7·2)	3·1 (1·6–5·5)
Animal contact (venomous)	47·0 (25·6–84·7)	0·5 (0·2–1·5)	0·7 (0·3–1·3)	3·1 (1·2–6·3)	5·2 (2·5–11·0)	3·4 (1·6–7·1)	2·5 (1·1–5·1)
Animal contact (non-venomous)	17·3 (10·0–24·6)	0·5 (0·2–1·3)	0·2 (0·1–0·4)	1·2 (0·5–2·3)	1·8 (0·7–3·3)	0·8 (0·4–1·2)	0·7 (0·4–1·1)
Unintentional injuries not classified elsewhere	351·6 (301·4–387·8)	3·8 (2·7–6·1)	4·4 (3·1–6·8)	33·3 (25·6–44·0)	17·9 (14·3–23·7)	6·3 (4·8–8·5)	6·2 (4·6–8·3)
Self-harm and interpersonal violence	1,340·0 (1,108·2–1,616·9)	2·4 (1·6–3·3)	0·8 (0·5–1·3)	4·6 (3·2–6·0)	10·4 (7·3–13·8)	4·8 (3·8–6·0)	15·9 (11·5–22·0)
Self-harm	883·7 (655·6–1,105·2)	–	–	–	–	1·0 (0·7–1·4)	10·1 (6·3–16·1)
Interpersonal violence	456·3 (354·9–610·9)	2·4 (1·6–3·3)	0·8 (0·5–1·3)	4·6 (3·2–6·0)	10·4 (7·3–13·8)	3·8 (2·9–4·8)	5·8 (4·3–7·5)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
Assault by firearm	196·2 (153·9–233·6)	0·3 (0·2–0·5)	0·3 (0·1–1·1)	1·0 (0·6–1·5)	2·4 (1·1–3·7)	1·2 (0·8–1·7)	2·5 (1·7–3·3)
Assault by sharp object	126·7 (82·2–188·2)	0·3 (0·2–0·5)	0·1 (0·0–0·1)	0·6 (0·4–0·9)	1·4 (0·6–2·7)	0·6 (0·4–0·8)	1·1 (0·7–1·5)
Assault by other means	133·4 (107·3–159·0)	1·8 (1·3–2·9)	0·5 (0·3–0·9)	3·1 (2·3–4·3)	6·7 (3·8–10·4)	2·1 (1·6–2·7)	2·3 (1·8–2·9)
Forces of nature, war, and legal intervention	213·7 (119·2–433·5)	1·5 (1·1–2·2)	2·0 (1·5–2·7)	6·6 (5·1–8·7)	7·1 (5·1–9·8)	2·3 (1·7–3·1)	17·3 (6·6–50·7)
Exposure to forces of nature	196·0 (106·9–401·9)	1·5 (1·0–2·1)	1·8 (1·3–2·5)	5·7 (4·4–7·8)	6·3 (4·3–9·1)	2·1 (1·5–2·9)	16·5 (6·0–49·2)
Collective violence and legal intervention	17·7 (12·2–29·6)	0·1 (0·0–0·1)	0·2 (0·2–0·3)	0·8 (0·7–1·0)	0·7 (0·6–1·0)	0·2 (0·2–0·2)	0·8 (0·5–1·4)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
All causes	710·9 (664·5–762·7)	1,058·1 (990·5–1,119·2)	1,191·6 (1,127·2–1,257·6)	1,246·0 (1,178·5–1,314·9)	1,425·4 (1,327·1–1,517·9)	1,626·5 (1,522·9–1,725·0)	1,979·3 (1,856·7–2,096·8)
Communicable, maternal, neonatal, and nutritional disorders	217·7 (192·8–242·3)	360·0 (330·6–388·1)	490·4 (454·9–523·1)	532·9 (494·1–569·5)	546·8 (499·5–598·7)	475·1 (430·5–526·7)	453·2 (402·6–504·2)
HIV/AIDS and tuberculosis	42·1 (36·9–47·9)	115·6 (102·5–128·5)	249·4 (225·1–271·7)	312·0 (284·0–338·3)	332·3 (297·6–367·5)	275·9 (241·6–313·5)	243·7 (203·7–281·0)
Tuberculosis	18·1 (14·1–22·5)	43·0 (32·9–53·4)	64·3 (48·4–80·1)	73·5 (53·7–92·0)	81·8 (59·2–106·3)	80·9 (59·8–104·6)	91·0 (65·4–117·3)
HIV/AIDS	24·0 (20·7–27·8)	72·6 (63·2–81·4)	185·1 (167·3–202·2)	238·5 (219·0–258·1)	250·4 (227·0–273·9)	195·0 (172·0–219·7)	152·7 (127·1–179·2)
HIV disease resulting in mycobacterial infection	4·5 (3·9–5·3)	13·5 (11·7–15·1)	33·7 (30·3–37·1)	42·8 (38·9–46·6)	44·0 (39·6–48·6)	32·9 (28·6–37·7)	25·1 (20·6–30·0)
HIV disease resulting in other specified or unspecified diseases	19·5 (16·5–22·9)	59·1 (51·0–66·7)	151·4 (136·3–166·4)	195·8 (178·3–212·8)	206·5 (186·3–227·3)	162·2 (141·8–184·2)	127·7 (106·2–150·1)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	83·6 (64·4–102·2)	101·4 (82·3–121·2)	106·1 (86·7–125·7)	101·0 (83·3–119·5)	100·9 (83·8–120·3)	98·0 (81·7–116·4)	113·4 (94·1–134·4)
Diarrheal diseases	21·0 (16·1–28·0)	28·0 (22·1–36·1)	33·0 (26·2–42·4)	31·6 (25·2–40·3)	31·2 (23·9–42·2)	28·7 (22·0–38·4)	32·9 (24·5–45·4)
Cholera	0·8 (0·6–1·3)	1·1 (0·8–1·6)	1·3 (0·9–1·9)	1·2 (0·9–1·7)	1·2 (0·8–1·9)	1·0 (0·7–1·6)	1·0 (0·7–1·6)
Other salmonella infections	2·4 (1·6–3·5)	3·0 (2·1–4·3)	3·3 (2·3–4·8)	3·0 (2·0–4·1)	2·7 (1·8–3·9)	2·3 (1·5–3·3)	2·4 (1·6–3·6)
Shigellosis	2·7 (1·9–4·0)	3·4 (2·4–4·8)	3·7 (2·6–5·2)	3·3 (2·4–4·4)	2·9 (2·0–4·2)	2·5 (1·7–3·7)	3·0 (2·0–4·5)
Enteropathogenic E coli infection	0·4 (0·3–0·7)	0·5 (0·4–0·7)	0·5 (0·4–0·8)	0·4 (0·3–0·6)	0·3 (0·2–0·5)	0·2 (0·1–0·4)	0·3 (0·2–0·5)
Enterotoxigenic E coli infection	1·9 (1·3–2·7)	2·7 (1·9–3·7)	3·4 (2·5–4·7)	3·6 (2·6–4·8)	3·8 (2·6–5·5)	3·7 (2·5–5·2)	4·1 (2·7–6·0)
Campylobacter enteritis	1·2 (0·8–1·9)	1·5 (1·0–2·2)	1·8 (1·2–2·7)	1·6 (1·1–2·3)	1·6 (1·0–2·4)	1·4 (0·9–2·3)	1·6 (1·0–2·6)
Amoebiasis	0·7 (0·5–1·0)	1·1 (0·8–1·6)	1·5 (1·0–2·2)	1·6 (1·1–2·2)	1·7 (1·2–2·6)	1·7 (1·1–2·5)	2·0 (1·3–3·0)
Cryptosporidiosis	0·5 (0·3–0·8)	0·7 (0·5–1·0)	0·8 (0·5–1·1)	0·7 (0·5–1·0)	0·7 (0·4–1·0)	0·6 (0·4–0·9)	0·7 (0·4–1·0)
Rotaviral enteritis	2·2 (1·5–3·3)	2·8 (1·9–4·0)	3·1 (2·1–4·5)	2·7 (1·9–3·9)	2·4 (1·6–3·6)	2·2 (1·5–3·1)	2·7 (1·7–4·0)
Other diarrheal diseases	8·1 (5·4–12·5)	11·1 (7·5–16·2)	13·5 (9·1–19·7)	13·4 (9·1–18·9)	13·9 (9·0–21·1)	13·1 (8·7–19·7)	15·2 (9·7–22·7)
Typhoid and paratyphoid fevers	19·0 (2·3–35·9)	18·1 (2·2–34·2)	15·0 (1·8–28·2)	11·9 (1·4–22·3)	9·8 (1·2–18·5)	8·0 (1·0–15·3)	6·4 (0·8–12·2)
Lower respiratory infections	23·6 (19·1–28·4)	32·4 (26·2–38·6)	37·5 (29·3–45·1)	38·6 (30·3–46·9)	42·0 (33·8–51·4)	44·4 (34·6–54·8)	56·2 (45·0–68·7)
Influenza	4·8 (3·8–5·8)	6·9 (5·6–8·2)	8·3 (6·5–10·0)	9·0 (7·1–10·9)	10·2 (8·3–12·4)	10·9 (8·5–13·5)	13·4 (10·7–16·4)
Pneumococcal pneumonia	5·0 (4·0–5·9)	7·7 (6·3–9·2)	9·8 (7·7–11·7)	10·8 (8·4–13·1)	12·5 (10·0–15·1)	13·8 (10·8–16·7)	17·5 (14·2–21·1)
H influenzae type B pneumonia	4·2 (3·5–5·1)	5·8 (4·7–6·9)	6·5 (5·1–7·8)	6·6 (5·2–8·1)	7·1 (5·7–8·7)	7·3 (5·7–9·1)	8·6 (6·9–10·4)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Both Sexes, 15-19 Years	Both Sexes, 20-24 Years	Both Sexes, 25-29 Years	Both Sexes, 30-34 Years	Both Sexes, 35-39 Years	Both Sexes, 40-44 Years	Both Sexes, 45-49 Years
Respiratory syncytial virus pneumonia	0·2 (0·2–0·3)	0·3 (0·3–0·4)	0·4 (0·3–0·5)	0·4 (0·3–0·5)	0·4 (0·3–0·5)	0·4 (0·3–0·5)	0·6 (0·4–0·7)
Other lower respiratory infections	9·4 (7·4–11·6)	11·7 (9·4–14·1)	12·4 (9·7–15·1)	11·9 (9·3–14·8)	11·8 (9·2–14·8)	11·9 (9·1–15·1)	16·2 (12·7–20·3)
Upper respiratory infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)
Otitis media	0·1 (0·0–0·9)	0·1 (0·0–0·6)	0·1 (0·0–0·5)	0·1 (0·0–0·7)	0·1 (0·0–0·6)	0·1 (0·0–0·7)	0·1 (0·0–0·9)
Meningitis	13·1 (10·8–15·5)	15·3 (11·6–18·9)	14·2 (10·6–18·2)	12·8 (9·4–16·6)	12·2 (9·3–15·9)	11·3 (8·3–14·8)	11·9 (8·8–15·4)
Pneumococcal meningitis	4·7 (3·9–5·8)	5·9 (4·3–7·6)	5·6 (4·0–7·2)	5·0 (3·6–6·6)	4·6 (3·4–6·3)	4·1 (2·9–5·5)	4·2 (3·1–5·6)
H influenzae type B meningitis	2·0 (1·6–2·4)	1·2 (0·9–1·6)	0·5 (0·4–0·7)	0·6 (0·4–0·8)	0·6 (0·4–0·9)	0·6 (0·4–0·9)	0·7 (0·5–1·0)
Meningococcal infection	3·1 (2·6–3·7)	3·7 (2·7–4·5)	3·5 (2·5–4·4)	2·9 (2·1–3·7)	2·6 (2·0–3·4)	2·3 (1·7–2·9)	2·3 (1·7–2·9)
Other meningitis	3·2 (2·7–3·9)	4·5 (3·4–5·8)	4·6 (3·4–5·8)	4·4 (3·2–5·7)	4·4 (3·3–5·8)	4·2 (3·0–5·5)	4·6 (3·4–5·9)
Encephalitis	4·3 (3·1–6·1)	5·7 (3·6–8·6)	5·0 (3·2–8·0)	4·8 (3·1–7·7)	4·4 (2·8–7·0)	4·3 (2·6–7·0)	4·4 (2·8–6·9)
Diphtheria	<0·05 (0·0–0·3)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)
Whooping cough	0·1 (0·0–0·7)	0·1 (0·0–0·6)	0·1 (0·0–0·6)	0·1 (0·0–0·6)	0·1 (0·0–0·6)	0·1 (0·0–0·7)	0·1 (0·0–0·7)
Tetanus	0·5 (0·0–2·2)	0·6 (0·0–2·3)	0·6 (0·0–2·5)	0·7 (0·0–2·9)	0·8 (0·0–3·3)	0·9 (0·0–3·6)	1·0 (0·0–4·3)
Measles	1·6 (0·5–3·8)	0·9 (0·3–2·2)	0·5 (0·2–1·0)	0·3 (0·1–0·6)	0·2 (0·1–0·4)	0·1 (0·1–0·3)	0·1 (0·0–0·2)
Varicella	0·1 (0·0–0·8)	0·1 (0·0–0·8)	0·2 (0·0–1·0)	0·2 (0·0–1·4)	0·2 (0·0–1·1)	0·1 (0·0–0·8)	0·1 (0·0–0·8)
Neglected tropical diseases and malaria	40·4 (29·9–52·6)	51·8 (37·5–71·5)	45·7 (32·2–67·1)	38·4 (25·6–59·4)	34·3 (23·3–50·9)	34·9 (23·6–51·5)	35·0 (24·3–52·5)
Malaria	32·9 (23·1–45·3)	44·1 (29·9–63·4)	38·7 (25·3–60·3)	32·0 (19·5–53·0)	27·6 (16·2–44·4)	27·9 (17·0–43·7)	27·6 (17·0–44·8)
Chagas disease	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)	0·1 (0·0–0·4)	0·2 (0·0–0·7)	0·3 (0·1–0·8)	0·4 (0·1–1·5)	0·7 (0·2–2·3)
Leishmaniasis	3·5 (2·1–5·6)	3·3 (2·1–5·0)	2·8 (1·7–4·2)	2·4 (1·5–3·7)	2·4 (1·5–3·6)	2·3 (1·4–3·6)	2·2 (1·4–3·3)
African trypanosomiasis	1·2 (0·1–3·8)	1·3 (0·2–4·1)	1·1 (0·1–3·5)	0·9 (0·1–2·8)	0·7 (0·1–2·1)	0·5 (0·1–1·6)	0·4 (0·0–1·4)
Schistosomiasis	0·1 (0·0–0·6)	0·2 (0·0–0·9)	0·2 (0·0–1·1)	0·2 (0·0–1·3)	0·4 (0·0–2·3)	0·7 (0·0–3·7)	0·9 (0·0–5·2)
Cysticercosis	<0·05 (0·0–0·2)	0·1 (0·0–0·3)	0·1 (0·0–0·4)	0·1 (0·0–0·4)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·4)
Echinococcosis	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·3)
Dengue	0·7 (0·3–1·3)	0·6 (0·2–1·4)	0·7 (0·2–1·2)	0·6 (0·2–1·4)	0·7 (0·3–1·8)	0·6 (0·2–1·2)	0·6 (0·2–1·4)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Both Sexes, 15-19 Years	Both Sexes, 20-24 Years	Both Sexes, 25-29 Years	Both Sexes, 30-34 Years	Both Sexes, 35-39 Years	Both Sexes, 40-44 Years	Both Sexes, 45-49 Years
Rabies	1·2 (0·6–2·6)	1·3 (0·7–2·5)	1·3 (0·7–2·5)	1·1 (0·6–2·3)	1·2 (0·6–2·3)	1·3 (0·7–2·4)	1·3 (0·6–2·2)
Intestinal nematode infections	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Ascariasis	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Other neglected tropical diseases	0·5 (0·3–1·0)	0·7 (0·5–1·3)	0·8 (0·5–1·4)	0·8 (0·5–1·4)	1·0 (0·6–1·8)	1·1 (0·6–2·1)	1·2 (0·7–2·3)
Maternal disorders	24·3 (17·4–31·9)	55·3 (43·7–68·1)	53·6 (41·4–65·5)	45·8 (35·1–56·2)	40·2 (30·4–52·6)	23·2 (17·9–29·6)	12·3 (9·1–16·4)
Maternal hemorrhage	4·0 (2·9–5·0)	10·1 (7·9–12·3)	11·7 (9·0–14·1)	11·5 (8·9–13·9)	10·7 (8·0–13·7)	6·6 (5·1–8·4)	3·7 (2·7–4·9)
Maternal sepsis	2·8 (1·9–3·8)	5·9 (4·7–7·6)	4·8 (3·7–6·1)	3·4 (2·6–4·5)	2·8 (2·1–3·9)	1·5 (1·1–2·0)	0·6 (0·5–0·9)
Hypertensive disorders of pregnancy	6·5 (4·5–8·8)	11·1 (8·7–14·1)	9·8 (7·4–12·2)	7·6 (5·7–9·7)	6·7 (5·0–9·2)	3·6 (2·8–4·8)	1·7 (1·2–2·4)
Obstructed labor	0·8 (0·5–1·3)	2·7 (1·9–3·7)	2·2 (1·6–3·1)	1·8 (1·2–2·5)	1·9 (1·2–2·9)	1·1 (0·7–1·6)	0·5 (0·3–0·7)
Abortion	3·7 (2·6–5·1)	8·7 (6·9–11·1)	8·0 (6·2–10·1)	6·6 (5·0–8·7)	5·6 (4·1–7·8)	3·0 (2·3–4·1)	1·4 (1·0–2·0)
Other maternal disorders	6·5 (4·8–7·9)	16·8 (13·1–20·1)	17·1 (13·1–20·2)	14·8 (11·5–17·5)	12·4 (9·4–15·3)	7·4 (5·8–9·4)	4·3 (3·2–5·7)
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	12·5 (8·8–18·5)	16·3 (11·4–23·5)	15·3 (11·3–20·6)	14·7 (10·5–20·7)	15·3 (11·2–22·0)	14·8 (10·8–21·9)	15·5 (11·1–22·0)
Protein-energy malnutrition	9·7 (6·6–14·7)	12·2 (8·5–18·3)	11·5 (8·4–16·2)	11·5 (8·2–16·3)	12·6 (8·7–18·7)	12·4 (8·4–19·0)	13·1 (9·2–18·9)
Iodine deficiency	0·2 (0·1–0·2)	0·4 (0·3–0·6)	0·4 (0·3–0·5)	0·2 (0·2–0·3)	0·1 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·1–0·1)
Iron-deficiency anemia	2·6 (1·9–3·6)	3·5 (2·5–4·7)	3·3 (2·4–4·4)	2·8 (2·0–3·8)	2·4 (1·7–3·1)	2·0 (1·5–2·6)	2·0 (1·5–2·6)
Other nutritional deficiencies	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·2–0·3)	0·3 (0·2–0·4)	0·3 (0·2–0·4)
Other communicable, maternal, neonatal, and nutritional disorders	14·7 (10·9–21·4)	19·6 (15·0–27·0)	20·2 (15·7–27·7)	21·0 (16·6–28·3)	23·8 (18·2–32·0)	28·3 (22·0–38·4)	33·2 (24·9–47·3)
Sexually transmitted diseases excluding HIV	0·4 (0·3–0·7)	0·6 (0·5–1·0)	0·7 (0·5–1·3)	0·7 (0·5–1·2)	0·7 (0·5–1·1)	0·7 (0·5–1·0)	0·7 (0·5–1·0)
Syphilis	0·2 (0·1–0·3)	0·2 (0·2–0·5)	0·3 (0·2–0·6)	0·3 (0·2–0·6)	0·3 (0·2–0·6)	0·3 (0·2–0·6)	0·3 (0·2–0·5)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Both Sexes, 15-19 Years	Both Sexes, 20-24 Years	Both Sexes, 25-29 Years	Both Sexes, 30-34 Years	Both Sexes, 35-39 Years	Both Sexes, 40-44 Years	Both Sexes, 45-49 Years
Sexually transmitted chlamydial diseases	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)
Gonococcal infection	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other sexually transmitted diseases	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·2–0·5)	0·3 (0·2–0·4)	0·2 (0·2–0·4)	0·2 (0·1–0·3)	0·2 (0·2–0·4)
Hepatitis	9·5 (5·8–15·7)	12·7 (8·5–20·3)	12·3 (8·4–19·3)	12·4 (8·8–18·7)	15·1 (10·4–22·9)	19·4 (13·7–29·0)	23·1 (15·5–36·9)
Acute hepatitis A	1·1 (0·4–2·9)	1·7 (0·6–4·5)	2·1 (0·8–5·4)	3·0 (1·1–7·9)	4·5 (1·8–12·1)	6·5 (2·5–17·0)	7·7 (2·8–19·9)
Acute hepatitis B	0·9 (0·5–1·4)	1·7 (1·0–2·7)	2·3 (1·3–4·1)	3·2 (1·8–5·3)	5·4 (3·2–9·0)	9·1 (5·7–14·2)	13·2 (7·3–23·2)
Acute hepatitis C	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·5 (0·3–0·8)	0·8 (0·5–1·4)	1·2 (0·7–2·4)	1·6 (1·0–2·6)
Acute hepatitis E	7·4 (2·6–16·9)	9·2 (3·8–18·3)	7·6 (3·1–16·7)	5·8 (2·3–11·7)	4·4 (1·8–9·0)	2·5 (0·9–5·6)	0·7 (0·1–1·9)
Other infectious diseases	4·8 (3·5–6·9)	6·3 (4·6–8·5)	7·2 (4·8–9·6)	7·9 (5·1–10·4)	8·0 (5·2–10·8)	8·2 (5·3–11·2)	9·4 (6·1–13·3)
Non-communicable diseases	163·0 (148·3–176·7)	231·5 (210·4–248·3)	273·4 (253·0–291·9)	348·8 (323·5–371·5)	523·3 (486·3–556·7)	810·9 (762·4–858·0)	1,202·9 (1,126·5–1,267·5)
Neoplasms	39·0 (32·3–44·6)	48·4 (40·2–55·2)	58·9 (50·6–65·9)	85·7 (75·7–93·3)	148·2 (135·1–162·2)	255·0 (233·5–277·1)	397·4 (367·5–426·9)
Esophageal cancer	0·2 (0·1–0·3)	0·4 (0·3–0·6)	0·7 (0·5–1·0)	1·3 (0·9–1·9)	3·6 (2·5–5·1)	9·6 (6·6–14·3)	18·9 (13·1–25·7)
Stomach cancer	1·0 (0·4–1·9)	2·2 (1·2–3·3)	3·8 (2·5–5·1)	6·6 (4·6–8·8)	12·0 (8·7–16·4)	21·5 (16·1–29·2)	32·7 (24·4–43·8)
Liver cancer	1·9 (1·3–2·8)	3·7 (2·5–5·4)	6·2 (4·5–8·9)	10·2 (7·6–14·2)	21·0 (15·4–29·5)	35·4 (26·7–50·8)	50·9 (40·1–68·6)
Liver cancer secondary to hepatitis B	0·8 (0·5–1·2)	1·6 (1·1–2·4)	2·8 (2·0–4·2)	4·8 (3·5–6·8)	10·1 (7·2–14·7)	17·4 (12·6–25·5)	24·7 (18·9–34·5)
Liver cancer secondary to hepatitis C	0·1 (0·1–0·1)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·5 (0·4–0·7)	1·4 (1·0–1·8)	3·8 (2·9–5·3)	7·8 (6·3–10·2)
Liver cancer secondary to alcohol use	0·1 (0·1–0·1)	0·5 (0·3–0·8)	1·2 (0·9–1·8)	2·4 (1·8–3·4)	5·0 (3·7–7·0)	8·0 (6·0–11·1)	10·8 (8·5–14·7)
Other liver cancer	0·9 (0·6–1·4)	1·4 (1·0–1·9)	1·8 (1·4–2·6)	2·6 (2·0–3·6)	4·5 (3·3–6·3)	6·3 (4·8–8·7)	7·6 (6·1–9·7)
Larynx cancer	0·1 (0·0–0·2)	0·1 (0·1–0·3)	0·2 (0·1–0·3)	0·4 (0·2–0·7)	0·9 (0·5–1·6)	2·9 (1·5–4·9)	5·9 (3·0–10·3)
Trachea, bronchus and lung cancers	0·8 (0·5–1·0)	1·8 (1·1–2·3)	2·9 (2·0–3·9)	5·8 (4·1–7·4)	12·8 (9·3–16·8)	30·3 (23·4–37·7)	58·7 (45·6–74·4)
Breast cancer	0·2 (0·2–0·2)	0·7 (0·6–0·9)	2·3 (2·0–2·8)	6·8 (6·1–7·7)	15·6 (14·2–17·0)	26·0 (24·0–28·1)	38·3 (36·0–41·1)
Cervical cancer	0·2 (0·1–0·3)	0·7 (0·4–1·1)	2·1 (1·3–3·0)	4·8 (2·8–6·6)	9·8 (5·8–13·3)	16·2 (9·5–22·1)	23·7 (14·1–32·6)
Uterine cancer	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·5)	0·7 (0·3–1·1)	1·4 (0·6–2·1)	2·3 (1·0–3·2)
Prostate cancer	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·6)	0·9 (0·5–1·4)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
Colon and rectum cancers	0·9 (0·7–1·0)	2·3 (1·7–2·8)	3·8 (3·1–4·6)	5·8 (4·9–6·8)	9·5 (8·1–11·8)	15·3 (13·4–18·8)	25·2 (22·0–30·4)
Mouth cancer	0·4 (0·2–0·6)	0·6 (0·4–0·9)	1·1 (0·7–1·6)	1·8 (1·2–2·5)	3·0 (2·2–4·0)	5·5 (4·3–6·8)	9·2 (7·6–11·2)
Nasopharynx cancer	0·6 (0·3–1·1)	0·8 (0·5–1·4)	1·0 (0·5–1·9)	1·4 (0·8–2·4)	3·1 (1·7–5·1)	5·3 (3·0–8·9)	6·8 (4·1–10·9)
Cancer of other part of pharynx and oropharynx	0·3 (0·2–0·6)	0·4 (0·2–0·9)	0·7 (0·3–1·6)	1·3 (0·6–3·1)	2·1 (1·1–3·6)	4·3 (2·4–6·7)	7·4 (4·0–10·3)
Gallbladder and biliary tract cancer	0·3 (0·1–1·0)	0·5 (0·1–1·8)	0·7 (0·1–3·0)	1·1 (0·3–3·3)	1·9 (0·9–3·4)	3·5 (1·8–5·6)	5·4 (3·0–8·1)
Pancreatic cancer	0·3 (0·1–0·7)	0·4 (0·2–0·8)	0·7 (0·4–1·1)	1·2 (0·8–1·8)	2·7 (1·9–3·6)	5·7 (4·2–7·4)	11·2 (8·1–14·7)
Malignant melanoma of skin	0·2 (0·1–0·3)	0·3 (0·2–0·6)	0·5 (0·3–0·8)	0·8 (0·5–1·3)	1·3 (0·9–2·1)	2·0 (1·3–3·1)	2·9 (1·9–4·4)
Non-melanoma skin cancer	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·4)	0·3 (0·2–0·5)	0·5 (0·3–0·7)	0·7 (0·4–1·1)	1·0 (0·5–1·5)
Ovarian cancer	0·9 (0·5–1·3)	1·1 (0·7–1·5)	1·3 (0·9–1·8)	2·0 (1·3–2·6)	3·8 (2·4–4·9)	7·1 (4·6–9·0)	12·6 (8·7–16·5)
Testicular cancer	0·3 (0·2–0·5)	0·7 (0·4–1·1)	0·8 (0·5–1·1)	0·7 (0·4–1·0)	0·6 (0·4–0·9)	0·6 (0·4–0·8)	0·5 (0·3–0·8)
Kidney and other urinary organ cancers	0·5 (0·2–1·3)	0·6 (0·3–1·1)	0·6 (0·3–1·0)	0·8 (0·5–1·3)	1·7 (1·1–2·5)	3·6 (2·4–5·0)	6·7 (4·9–9·5)
Bladder cancer	0·2 (0·1–0·2)	0·2 (0·2–0·3)	0·3 (0·3–0·4)	0·6 (0·4–0·8)	1·0 (0·8–1·3)	1·9 (1·5–2·4)	3·5 (2·7–4·2)
Brain and nervous system cancers	2·9 (1·5–4·0)	3·3 (1·8–4·4)	3·8 (2·2–5·2)	5·1 (3·0–6·7)	7·5 (4·6–10·3)	10·2 (6·2–14·0)	14·1 (8·4–19·0)
Thyroid cancer	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·2–0·3)	0·4 (0·3–0·5)	0·6 (0·4–0·8)	1·0 (0·7–1·4)	1·5 (1·1–2·0)
Hodgkin's disease	0·5 (0·3–0·8)	0·8 (0·5–1·2)	1·0 (0·6–1·4)	1·0 (0·6–1·4)	0·9 (0·6–1·4)	0·9 (0·6–1·4)	1·2 (0·8–1·8)
Non-Hodgkin's lymphoma	4·2 (2·9–5·7)	4·5 (3·2–5·8)	4·0 (3·1–5·0)	4·6 (3·4–5·7)	5·2 (4·0–6·1)	7·5 (5·7–8·9)	9·7 (7·8–11·2)
Multiple myeloma	0·3 (0·1–0·6)	0·3 (0·1–0·6)	0·2 (0·1–0·5)	0·3 (0·2–0·4)	0·6 (0·3–1·0)	1·3 (0·7–1·9)	2·2 (1·4–3·2)
Leukemia	11·4 (8·7–13·9)	10·9 (8·0–13·5)	9·2 (7·0–11·3)	8·5 (6·4–10·7)	10·3 (7·7–12·9)	11·8 (8·9–14·9)	13·1 (10·2–16·0)
Other neoplasms	10·3 (6·7–13·9)	10·4 (6·7–14·0)	10·0 (6·3–13·6)	11·5 (7·6–15·6)	15·4 (10·4–20·7)	23·2 (15·6–31·0)	31·0 (21·3–41·0)
Cardiovascular and circulatory diseases	33·9 (28·8–38·3)	56·0 (48·9–63·1)	71·6 (63·4–79·5)	99·8 (88·2–111·1)	159·3 (140·4–175·6)	271·8 (239·7–295·8)	417·5 (374·7–452·2)
Rheumatic heart disease	4·8 (3·9–6·0)	6·4 (5·2–8·0)	8·2 (6·7–10·2)	9·5 (7·7–11·8)	11·9 (9·8–14·7)	14·9 (12·0–18·2)	18·0 (14·6–22·4)
Ischemic heart disease	10·2 (7·9–13·1)	19·5 (16·0–23·9)	26·1 (22·0–31·1)	41·6 (35·2–49·4)	68·9 (58·3–80·3)	126·3 (107·5–145·9)	195·6 (169·0–219·8)
Cerebrovascular disease	8·8 (6·8–10·7)	15·2 (11·8–18·1)	18·6 (14·6–21·9)	26·1 (21·1–30·0)	44·2 (35·7–49·8)	79·8 (65·2–90·1)	132·0 (108·8–147·3)
Ischemic stroke	1·2 (1·0–1·4)	2·2 (1·8–2·7)	2·9 (2·4–3·5)	4·1 (3·5–4·8)	6·0 (5·1–7·0)	11·3 (9·9–13·7)	21·5 (18·9–26·6)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
Hemorrhagic and other non-ischemic stroke	7·6 (5·4–9·7)	12·9 (9·9–15·8)	15·7 (12·3–19·3)	22·0 (17·7–26·4)	38·2 (30·6–45·5)	68·5 (55·7–80·5)	110·5 (91·8–128·8)
Hypertensive heart disease	1·3 (1·0–1·7)	2·3 (1·7–2·8)	3·1 (2·4–3·9)	4·5 (3·5–5·6)	8·0 (6·2–10·1)	14·0 (11·2–17·3)	22·4 (18·1–27·8)
Cardiomyopathy and myocarditis	3·8 (3·0–5·0)	5·3 (4·2–6·6)	6·8 (5·5–8·3)	8·0 (6·7–9·8)	11·1 (9·3–13·5)	16·8 (13·6–21·3)	21·7 (18·2–26·1)
Atrial fibrillation and flutter	–	–	–	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·4 (0·3–0·6)	0·8 (0·5–1·1)
Aortic aneurysm	0·3 (0·2–0·5)	0·5 (0·3–0·8)	0·6 (0·4–1·0)	0·9 (0·6–1·5)	1·5 (1·0–2·4)	2·6 (1·7–4·1)	4·0 (2·7–6·1)
Peripheral vascular disease	–	–	–	–	–	0·3 (0·2–0·6)	0·5 (0·3–0·9)
Endocarditis	0·7 (0·5–0·9)	1·1 (0·8–1·4)	1·5 (1·0–2·3)	1·4 (0·9–1·9)	1·9 (1·2–2·7)	2·3 (1·5–3·5)	2·3 (1·7–3·0)
Other cardiovascular and circulatory diseases	3·9 (3·4–4·5)	5·7 (5·0–6·6)	6·6 (5·8–7·4)	7·8 (6·8–8·7)	11·6 (10·1–13·1)	14·2 (13·0–15·7)	20·0 (18·0–22·2)
Chronic respiratory diseases	9·7 (8·3–11·7)	14·2 (12·2–16·9)	17·6 (15·3–20·4)	19·4 (16·9–22·8)	28·5 (24·1–34·6)	40·6 (34·5–48·5)	65·9 (57·1–77·9)
Chronic obstructive pulmonary disease	3·4 (2·3–5·1)	5·2 (3·7–7·4)	6·6 (4·8–9·6)	7·9 (5·8–11·2)	12·9 (9·4–18·0)	21·2 (16·1–28·2)	38·6 (29·9–50·4)
Pneumoconiosis	0·3 (0·1–0·5)	0·4 (0·2–0·8)	0·5 (0·2–1·0)	0·7 (0·3–1·3)	1·1 (0·5–2·0)	1·5 (0·8–2·7)	2·3 (1·2–4·0)
Asthma	3·5 (2·4–5·8)	4·5 (3·1–7·3)	5·5 (4·0–9·1)	5·7 (4·2–9·1)	7·7 (5·4–13·3)	9·6 (6·9–15·6)	14·1 (10·1–23·1)
Other interstitial lung disease	0·3 (0·2–0·5)	0·5 (0·3–0·7)	0·6 (0·4–0·9)	0·7 (0·5–1·1)	1·2 (0·7–1·7)	1·6 (1·1–2·6)	2·7 (1·8–4·1)
Other chronic respiratory diseases	2·3 (1·7–3·3)	3·7 (2·5–5·1)	4·3 (3·2–6·3)	4·4 (3·2–6·1)	5·7 (4·1–7·9)	6·7 (4·8–9·3)	8·2 (6·0–11·2)
Cirrhosis of the liver	4·3 (3·3–5·8)	8·9 (6·9–11·3)	16·0 (12·7–19·5)	29·3 (23·0–36·1)	47·0 (36·7–58·6)	70·7 (56·6–85·9)	94·9 (74·2–112·6)
Cirrhosis of the liver secondary to hepatitis B	1·1 (0·9–1·6)	2·3 (1·8–3·0)	4·0 (3·2–5·2)	7·1 (5·8–9·1)	11·9 (9·6–15·3)	19·3 (15·5–24·4)	26·9 (21·5–34·0)
Cirrhosis of the liver secondary to hepatitis C	0·6 (0·5–0·9)	1·3 (1·0–1·7)	2·4 (1·9–2·9)	4·2 (3·5–5·2)	7·3 (6·0–9·1)	13·4 (10·9–16·0)	21·0 (16·8–25·0)
Cirrhosis of the liver secondary to alcohol use	0·3 (0·2–0·4)	1·6 (1·2–2·2)	4·3 (3·3–5·5)	9·8 (7·8–12·9)	16·7 (12·6–21·7)	24·0 (18·4–29·9)	30·9 (22·8–38·2)
Other cirrhosis of the liver	2·3 (1·8–3·1)	3·7 (2·9–4·7)	5·4 (4·4–6·7)	8·1 (6·7–10·0)	11·0 (9·1–13·8)	14·1 (11·5–17·4)	16·1 (12·9–19·4)
Digestive diseases (except cirrhosis)	11·1 (9·0–14·0)	17·7 (14·4–21·3)	19·4 (16·2–23·3)	24·5 (20·0–29·5)	30·8 (25·6–37·9)	38·6 (31·6–47·3)	48·5 (40·1–58·0)
Peptic ulcer disease	3·3 (2·0–5·2)	5·0 (3·4–7·1)	5·3 (3·7–7·3)	7·0 (5·0–9·8)	8·9 (6·6–12·5)	11·0 (8·3–15·6)	13·8 (10·4–18·5)
Gastritis and duodenitis	0·1 (0·1–0·2)	0·3 (0·1–0·4)	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·4 (0·3–0·7)	0·5 (0·3–0·7)	0·6 (0·4–0·9)
Appendicitis	0·8 (0·5–1·3)	1·0 (0·6–1·6)	1·1 (0·6–1·7)	1·1 (0·6–1·8)	1·2 (0·7–1·7)	1·2 (0·7–1·8)	1·4 (0·8–2·0)
Paralytic ileus and intestinal obstruction without hernia	1·6 (1·2–2·3)	2·4 (1·7–3·5)	2·5 (1·7–3·5)	3·1 (2·2–4·5)	3·9 (2·6–5·9)	4·5 (3·1–6·6)	5·4 (3·7–8·2)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Both Sexes, 15-19 Years	Both Sexes, 20-24 Years	Both Sexes, 25-29 Years	Both Sexes, 30-34 Years	Both Sexes, 35-39 Years	Both Sexes, 40-44 Years	Both Sexes, 45-49 Years
Inguinal or femoral hernia	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·2 (0·2–0·2)	0·2 (0·2–0·3)	0·3 (0·3–0·3)	0·5 (0·5–0·5)
Noninfective inflammatory bowel disease	0·5 (0·3–0·8)	0·8 (0·5–1·2)	0·9 (0·5–1·1)	0·9 (0·6–1·2)	0·9 (0·7–1·2)	1·0 (0·8–1·3)	1·2 (0·9–1·5)
Vascular disorders of intestine	0·1 (0·0–0·3)	0·2 (0·1–0·4)	0·3 (0·1–0·7)	0·3 (0·1–0·8)	0·4 (0·2–1·0)	0·7 (0·3–1·9)	1·3 (0·5–3·3)
Gall bladder and bile duct disease	0·6 (0·4–0·8)	0·9 (0·7–1·3)	1·0 (0·8–1·5)	1·3 (1·0–1·7)	1·6 (1·2–2·3)	2·1 (1·6–2·9)	2·7 (2·1–3·6)
Pancreatitis	0·6 (0·4–0·9)	1·4 (1·0–1·9)	2·3 (1·6–3·3)	3·2 (2·3–4·4)	4·0 (2·9–5·4)	4·7 (3·5–6·4)	5·5 (4·1–7·3)
Other digestive diseases	3·3 (2·1–5·3)	5·4 (3·7–8·2)	5·6 (4·0–8·5)	7·1 (5·0–10·5)	9·2 (6·5–13·6)	12·5 (8·7–18·5)	16·2 (11·8–23·8)
Neurological disorders	24·5 (18·1–33·1)	28·8 (21·9–37·0)	26·0 (19·7–34·2)	25·6 (18·9–36·1)	27·7 (20·8–39·1)	31·6 (23·8–43·9)	38·4 (28·0–53·5)
Alzheimer's disease and other dementias	0·6 (0·4–0·8)	0·6 (0·4–1·0)	0·6 (0·4–0·8)	0·7 (0·5–0·9)	1·0 (0·7–1·4)	1·3 (0·9–1·8)	1·9 (1·3–2·9)
Parkinson's disease	–	0·3 (0·2–0·4)	0·3 (0·2–0·4)	0·2 (0·2–0·3)	0·3 (0·2–0·4)	0·4 (0·3–0·5)	0·6 (0·4–0·7)
Epilepsy	10·6 (7·3–13·2)	14·1 (9·9–17·5)	13·0 (9·0–16·3)	11·1 (8·0–13·7)	10·6 (7·7–13·0)	10·0 (7·3–11·9)	9·4 (6·4–11·6)
Multiple sclerosis	–	0·2 (0·2–0·3)	0·5 (0·3–0·7)	0·6 (0·5–0·9)	1·0 (0·7–1·5)	1·4 (1·1–1·8)	2·0 (1·5–2·6)
Other neurological disorders	13·3 (8·5–21·5)	13·6 (8·6–21·5)	11·7 (7·2–19·2)	13·0 (7·7–22·9)	14·8 (9·1–25·4)	18·6 (11·3–30·4)	24·6 (15·0–39·6)
Mental and behavioral disorders	3·4 (2·2–4·8)	8·6 (5·4–13·0)	13·5 (9·0–19·8)	15·1 (10·4–21·8)	17·9 (12·9–26·5)	22·3 (15·7–32·7)	26·0 (17·3–38·9)
Schizophrenia	–	–	0·9 (0·7–1·3)	1·1 (0·8–1·5)	1·6 (1·2–2·4)	2·0 (1·5–2·8)	1·8 (1·3–2·5)
Alcohol use disorders	0·5 (0·2–0·7)	1·3 (0·6–2·1)	2·9 (1·4–5·0)	5·1 (2·4–8·7)	8·1 (4·2–13·7)	11·9 (6·5–19·6)	16·1 (8·5–27·2)
Drug use disorders	2·5 (1·5–3·9)	6·7 (3·6–11·1)	9·0 (4·8–15·0)	8·3 (4·7–13·3)	7·4 (3·9–12·9)	7·6 (4·1–13·7)	7·1 (3·7–12·2)
Opioid use disorders	1·3 (0·8–2·1)	3·7 (2·1–6·0)	5·1 (2·8–8·6)	4·7 (2·7–7·6)	4·1 (2·2–7·3)	4·3 (2·3–7·4)	4·1 (2·1–7·0)
Cocaine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1* (0·0–0·0)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	1·1 (0·7–1·8)	2·9 (1·7–4·7)	3·8 (2·2–6·5)	3·5 (2·0–5·9)	3·1 (1·7–5·3)	3·2 (1·8–5·7)	2·9 (1·6–5·1)
Eating disorders	0·3 (0·1–0·4)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·4 (0·2–0·5)	0·3 (0·2–0·4)	0·3 (0·2–0·4)
Other mental and behavioral disorders	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·4 (0·2–0·7)	0·5 (0·3–0·8)	0·7 (0·4–1·0)
Diabetes, urogenital, blood, and endocrine diseases	24·3 (20·1–30·4)	34·5 (28·9–40·9)	36·3 (31·3–43·8)	39·3 (33·9–46·3)	51·4 (44·7–60·7)	66·5 (58·8–77·8)	98·4 (85·7–112·7)
Diabetes mellitus	3·5 (2·6–4·5)	6·2 (4·4–8·0)	7·9 (6·5–9·4)	10·2 (8·5–12·1)	16·0 (12·9–19·1)	25·1 (20·5–29·0)	43·8 (34·5–49·4)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
Acute glomerulonephritis	3·1 (1·1–8·9)	3·2 (1·3–8·0)	3·2 (1·2–9·3)	3·2 (1·3–8·8)	3·7 (1·4–11·7)	4·1 (1·4–12·6)	4·4 (1·6–12·3)
Chronic kidney diseases	6·6 (5·3–8·0)	11·1 (9·1–13·3)	11·2 (9·3–12·9)	12·6 (10·6–14·9)	17·6 (14·4–20·7)	21·4 (18·0–24·8)	30·4 (25·1–35·1)
Chronic kidney disease due to diabetes mellitus	<0·05 (0·0–0·05)	0·5 (0·4–0·6)	1·0 (0·8–1·2)	1·5 (1·3–1·9)	2·8 (2·2–3·4)	4·2 (3·4–4·9)	7·3 (5·9–8·5)
Chronic kidney disease due to hypertension	1·1 (0·9–1·3)	2·0 (1·6–2·4)	2·2 (1·8–2·5)	2·7 (2·2–3·2)	4·0 (3·3–4·7)	5·3 (4·4–6·1)	7·3 (6·1–8·5)
Chronic kidney disease unspecified	5·5 (4·4–6·7)	8·7 (7·0–10·5)	8·1 (6·8–9·4)	8·4 (7·0–9·9)	10·8 (8·8–12·9)	11·9 (10·0–13·9)	15·8 (13·1–18·2)
Urinary diseases and male infertility	1·5 (1·1–1·9)	2·3 (1·7–3·1)	2·8 (2·0–3·7)	3·3 (2·3–4·2)	4·2 (2·9–5·4)	4·9 (3·6–6·5)	7·1 (5·2–9·3)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	0·8 (0·5–1·0)	1·1 (0·7–1·5)	1·3 (0·9–1·8)	1·6 (1·0–2·0)	2·0 (1·2–2·6)	2·4 (1·5–3·3)	3·7 (2·3–5·1)
Urolithiasis	0·1 (0·1–0·1)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·5 (0·3–0·7)	0·6 (0·3–0·9)	0·7 (0·4–1·1)
Other urinary diseases	0·6 (0·4–0·9)	1·0 (0·7–1·4)	1·3 (0·9–1·8)	1·4 (1·0–2·0)	1·8 (1·2–2·5)	1·9 (1·3–2·6)	2·7 (1·9–3·7)
Gynecological diseases	0·2 (0·1–0·2)	0·3 (0·1–0·4)	0·3 (0·2–0·5)	0·4 (0·2–0·6)	0·5 (0·3–0·9)	0·6 (0·4–1·1)	0·5 (0·4–0·8)
Uterine fibroids	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)
Endometriosis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Genital prolapse	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other gynecological diseases	0·2 (0·1–0·2)	0·2 (0·1–0·4)	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·4 (0·3–0·7)	0·5 (0·3–1·0)	0·4 (0·3–0·7)
Hemoglobinopathies and hemolytic anemias	5·3 (3·8–7·1)	6·2 (4·1–8·7)	5·2 (3·5–7·3)	3·9 (2·8–5·3)	3·1 (2·2–4·6)	2·9 (2·1–4·3)	2·9 (2·1–4·3)
Thalassemias	2·1 (1·5–2·7)	2·0 (1·5–2·6)	1·7 (1·3–2·1)	1·3 (1·0–1·6)	1·1 (0·9–1·5)	1·1 (0·8–1·4)	1·0 (0·8–1·2)
Sickle cell disorders	1·7 (1·0–2·7)	1·7 (1·0–2·7)	1·5 (0·9–2·3)	1·2 (0·7–1·7)	0·9 (0·5–1·3)	0·7 (0·5–1·1)	0·7 (0·4–1·0)
G6PD deficiency	0·2 (0·1–0·2)	0·2 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Other hemoglobinopathies and hemolytic anemias	1·3 (0·6–2·5)	2·3 (0·9–4·0)	1·9 (0·8–3·3)	1·2 (0·5–2·1)	1·0 (0·4–1·9)	1·0 (0·4–1·9)	1·2 (0·5–2·1)
Other endocrine, nutritional, blood, and immune disorders	4·1 (2·0–6·7)	5·3 (2·6–8·3)	5·6 (2·8–8·8)	5·7 (2·8–9·1)	6·2 (3·3–9·5)	7·4 (4·0–13·3)	9·2 (5·5–15·5)
Musculoskeletal disorders	2·9 (2·0–4·2)	4·3 (2·7–5·8)	4·0 (2·6–5·5)	3·7 (2·5–5·4)	4·4 (3·0–6·4)	5·3 (3·7–7·4)	6·3 (4·4–9·1)
Rheumatoid arthritis	0·4 (0·3–0·7)	0·6 (0·4–1·1)	0·6 (0·4–1·1)	0·7 (0·5–1·1)	0·8 (0·6–1·4)	1·2 (0·9–1·8)	1·5 (1·1–2·2)
Other musculoskeletal disorders	2·5 (1·9–3·3)	3·6 (2·7–5·1)	3·4 (2·6–4·6)	3·1 (2·3–4·3)	3·6 (2·7–5·0)	4·1 (3·1–5·9)	4·7 (3·7–6·8)
Other non-communicable diseases	10·0 (8·0–12·4)	10·2 (8·2–12·8)	10·1 (7·9–12·3)	6·4 (5·1–7·6)	7·9 (6·1–9·5)	8·5 (6·6–10·3)	9·7 (7·5–11·7)

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Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
Congenital anomalies	8·5 (6·6–10·8)	8·3 (6·3–10·7)	7·9 (5·9–10·1)	4·0 (3·0–5·0)	4·6 (3·5–5·7)	4·6 (3·5–5·7)	5·6 (4·2–7·0)
Neural tube defects	0·7 (0·3–1·4)	0·5 (0·3–1·0)	0·7 (0·3–1·4)	0·3 (0·2–0·5)	0·4 (0·2–0·7)	0·4 (0·2–0·8)	0·4 (0·2–0·7)
Congenital heart anomalies	5·2 (4·1–6·7)	5·1 (3·9–6·7)	4·7 (3·5–6·4)	2·3 (1·8–2·8)	2·4 (1·9–3·1)	2·2 (1·7–2·7)	2·4 (1·8–3·1)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	0·4 (0·2–0·6)	0·5 (0·3–0·7)	0·5 (0·3–0·8)	0·3 (0·2–0·5)	0·4 (0·3–0·5)	0·4 (0·3–0·7)	0·7 (0·4–1·0)
Other chromosomal abnormalities	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Other congenital anomalies	2·0 (1·3–3·1)	1·9 (1·2–2·8)	1·8 (1·2–2·7)	1·0 (0·7–1·3)	1·4 (0·9–2·1)	1·5 (1·0–2·4)	2·0 (1·4–3·2)
Skin and subcutaneous diseases	1·5 (1·1–2·1)	2·0 (1·4–2·5)	2·2 (1·5–2·9)	2·4 (1·7–3·1)	3·3 (2·2–4·5)	3·9 (2·6–5·4)	4·1 (2·7–5·6)
Cellulitis	0·5 (0·3–0·6)	0·6 (0·5–0·8)	0·7 (0·5–0·9)	0·8 (0·6–1·1)	1·2 (0·8–1·6)	1·3 (0·9–1·8)	1·4 (1·0–1·9)
Abscess, impetigo, and other bacterial skin diseases	0·7 (0·5–0·9)	0·9 (0·6–1·1)	0·9 (0·7–1·2)	1·0 (0·7–1·3)	1·4 (0·9–1·9)	1·6 (1·1–2·2)	1·6 (1·1–2·2)
Decubitus ulcer	0·4 (0·2–0·5)	0·5 (0·3–0·6)	0·6 (0·4–0·8)	0·6 (0·4–0·7)	0·8 (0·5–1·1)	0·9 (0·6–1·3)	1·0 (0·7–1·3)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	330·2 (290·7–377·4)	466·6 (410·4–521·1)	427·9 (378·3–478·3)	364·3 (324·0–412·2)	355·3 (308·2–410·8)	340·4 (297·5–389·5)	323·2 (281·5–369·3)
Transport injuries	99·8 (78·6–126·2)	147·6 (113·3–185·5)	133·4 (101·9–178·0)	107·5 (82·9–147·8)	108·3 (80·8–154·2)	102·8 (78·8–142·6)	97·6 (74·5–141·1)
Road injury	95·1 (74·7–120·0)	139·9 (106·8–176·3)	126·6 (98·4–165·9)	101·7 (76·1–136·7)	103·2 (78·4–142·5)	98·0 (71·8–137·5)	93·1 (67·5–131·0)
Pedestrian injury by road vehicle	27·7 (19·4–41·2)	39·7 (27·4–56·6)	37·7 (25·9–58·8)	32·0 (21·5–50·6)	34·1 (22·1–53·7)	33·9 (21·9–54·0)	31·8 (21·8–50·3)
Pedal cycle vehicle	6·2 (4·3–8·7)	7·4 (4·8–10·7)	6·9 (4·5–10·2)	5·5 (3·6–8·4)	5·3 (3·6–7·8)	5·0 (3·5–7·2)	5·4 (3·7–8·0)
Motorized vehicle with two wheels	18·8 (13·7–25·3)	29·3 (20·3–38·6)	25·7 (18·1–33·6)	19·0 (13·9–24·7)	18·7 (13·1–26·2)	16·2 (11·3–23·0)	15·1 (10·5–22·3)
Motorized vehicle with three or more wheels	35·7 (27·4–43·7)	54·6 (40·7–68·0)	47·6 (35·9–61·1)	37·7 (27·7–48·3)	37·4 (27·7–50·6)	34·8 (26·2–46·2)	33·3 (25·2–43·2)
Road injury other	6·7 (3·1–14·5)	8·8 (4·0–20·5)	8·7 (4·1–20·4)	7·5 (3·2–18·7)	7·6 (2·7–20·5)	8·1 (2·6–23·4)	7·4 (2·5–21·2)
Other transport injury	4·7 (3·6–6·5)	7·8 (5·4–10·6)	6·8 (5·1–9·8)	5·8 (4·3–8·0)	5·1 (3·8–7·0)	4·9 (3·6–7·4)	4·5 (3·4–6·3)
Unintentional injuries other than transport injuries	105·0 (90·6–127·6)	138·2 (120·1–162·1)	126·5 (107·5–147·0)	116·1 (98·2–136·3)	118·3 (98·1–139·1)	117·0 (97·4–138·7)	112·1 (93·9–129·5)
Falls	10·7 (7·4–14·9)	17·0 (11·6–24·4)	16·5 (11·2–22·2)	16·7 (11·3–23·1)	19·7 (13·0–26·9)	22·3 (14·8–31·3)	24·4 (16·5–33·2)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
Drowning	30·1 (24·4–40·0)	28·6 (23·3–37·4)	22·0 (17·9–29·7)	18·2 (14·6–25·7)	17·7 (14·1–23·9)	17·3 (13·6–23·4)	15·7 (12·6–21·4)
Fire, heat and hot substances	23·4 (12·7–45·3)	29·4 (17·7–52·1)	27·2 (15·6–44·2)	24·5 (14·2–42·9)	21·4 (11·5–37·9)	19·3 (11·3–33·7)	15·3 (9·0–25·4)
Poisonings	9·3 (6·5–12·4)	15·0 (10·5–20·8)	14·9 (10·1–21·2)	14·2 (9·7–19·9)	15·4 (9·6–22·4)	15·7 (9·8–22·4)	14·1 (9·3–18·9)
Exposure to mechanical forces	12·9 (8·9–17·9)	20·3 (13·3–27·0)	19·8 (13·6–26·0)	18·3 (12·0–25·2)	18·3 (11·8–26·5)	16·6 (10·7–23·0)	16·1 (10·2–21·7)
Mechanical forces (firearm)	7·1 (4·4–11·6)	10·4 (6·2–16·0)	8·7 (5·2–13·3)	7·6 (4·7–12·1)	7·0 (4·0–12·9)	5·6 (3·5–9·1)	4·8 (2·8–8·2)
Mechanical forces (other)	5·8 (2·9–9·5)	9·9 (5·5–14·4)	11·1 (6·2–16·0)	10·6 (6·2–15·8)	11·2 (6·6–17·3)	10·9 (6·5–15·5)	11·4 (6·7–15·8)
Adverse effects of medical treatment	2·0 (1·4–2·8)	3·0 (2·1–4·2)	3·0 (2·1–4·1)	2·7 (1·9–3·6)	2·9 (2·1–3·9)	3·0 (2·1–4·0)	3·6 (2·7–4·5)
Animal contact	3·4 (1·9–6·0)	4·2 (2·4–7·2)	3·4 (1·9–6·2)	3·1 (1·8–5·3)	3·3 (1·8–5·6)	3·0 (1·8–4·9)	3·4 (1·9–5·8)
Animal contact (venomous)	2·7 (1·2–5·6)	3·3 (1·6–6·3)	2·6 (1·2–5·3)	2·3 (1·1–4·6)	2·5 (1·2–4·9)	2·3 (1·2–4·5)	2·6 (1·2–5·9)
Animal contact (non-venomous)	0·8 (0·4–1·3)	0·9 (0·5–1·5)	0·8 (0·4–1·3)	0·8 (0·4–1·2)	0·8 (0·4–1·2)	0·7 (0·4–1·1)	0·8 (0·4–1·2)
Unintentional injuries not classified elsewhere	13·1 (10·2–16·8)	20·6 (16·1–26·7)	19·8 (16·0–25·2)	18·5 (14·9–23·3)	19·6 (15·3–24·8)	19·8 (15·5–24·3)	19·4 (15·0–24·6)
Self-harm and interpersonal violence	104·7 (82·0–130·2)	158·4 (124·7–191·7)	146·6 (117·6–177·4)	123·3 (99·6–149·2)	113·7 (92·0–143·1)	106·1 (85·2–133·6)	99·4 (78·1–126·6)
Self-harm	63·3 (43·8–88·3)	85·3 (58·7–115·7)	75·2 (53·5–98·7)	66·1 (47·9–87·4)	68·3 (47·4–88·6)	70·6 (52·4–96·1)	70·1 (50·2–94·1)
Interpersonal violence	41·4 (31·1–50·5)	73·1 (54·6–92·5)	71·3 (53·8–93·9)	57·2 (41·7–77·2)	45·4 (33·7–62·6)	35·4 (26·3–49·3)	29·2 (21·8–44·2)
Assault by firearm	21·1 (15·4–26·2)	35·0 (27·6–42·0)	33·6 (26·0–41·9)	26·6 (19·8–34·0)	20·6 (15·7–27·6)	15·9 (11·5–21·8)	12·0 (8·9–17·1)
Assault by sharp object	10·7 (6·6–14·8)	21·2 (13·1–30·8)	21·1 (13·0–31·8)	17·3 (11·2–27·1)	13·2 (8·5–20·4)	10·1 (6·7–16·8)	8·7 (5·4–14·2)
Assault by other means	9·6 (7·1–12·5)	17·0 (12·7–22·1)	16·6 (12·1–22·2)	13·3 (9·6–18·2)	11·5 (8·5–15·7)	9·4 (6·8–13·2)	8·5 (6·1–12·0)
Forces of nature, war, and legal intervention	20·7 (9·1–53·2)	22·3 (10·4–52·9)	21·5 (10·3–49·0)	17·3 (8·6–38·0)	15·1 (7·9–31·1)	14·6 (7·9–29·0)	14·2 (8·0–26·8)
Exposure to forces of nature	19·6 (8·3–51·1)	20·9 (9·4–50·4)	20·2 (9·3–46·5)	16·1 (7·7–35·7)	13·8 (7·0–28·7)	13·4 (7·0–26·7)	13·0 (7·2–24·5)
Collective violence and legal intervention	1·1 (0·7–2·0)	1·4 (0·9–2·5)	1·3 (0·8–2·3)	1·2 (0·8–2·2)	1·3 (0·8–2·2)	1·2 (0·8–2·1)	1·2 (0·8–2·1)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
All causes	2,480·1 (2,334·6–2,624·1)	3,149·0 (2,960·7–3,306·6)	3,594·9 (3,398·6–3,758·4)	4,064·0 (3,851·6–4,225·0)	5,086·2 (4,839·1–5,266·0)	5,389·4 (5,173·0–5,545·5)	12,109·7 (11,775·6–12,306·0)
Communicable, maternal, neonatal, and nutritional disorders	406·4 (355·6–466·1)	407·2 (348·1–470·0)	426·4 (365·7–488·1)	462·6 (398·6–523·4)	524·5 (455·8–588·6)	525·5 (463·0–588·0)	1,237·9 (1,092·9–1,353·5)
HIV/AIDS and tuberculosis	180·2 (144·7–218·7)	146·6 (109·5–183·0)	128·0 (94·0–161·8)	119·5 (89·5–151·4)	106·9 (80·0–137·1)	81·2 (61·4–106·8)	82·7 (60·8–109·5)
Tuberculosis	97·0 (69·7–124·3)	102·7 (77·1–131·4)	106·8 (77·6–137·8)	110·4 (81·6–141·5)	104·0 (77·2–134·6)	81·2 (61·4–106·8)	82·7 (60·8–109·5)
HIV/AIDS	83·2 (65·5–107·2)	43·9 (24·3–64·6)	21·2 (8·4–42·0)	9·2 (3·4–19·0)	3·0 (1·7–5·6)	–	–
HIV disease resulting in mycobacterial infection	13·4 (10·3–18·2)	7·0 (3·5–11·0)	3·3 (1·0–7·1)	1·3 (0·3–3·1)	0·3 (0·1–0·8)	–	–
HIV disease resulting in other specified or unspecified diseases	69·8 (54·8–89·3)	36·9 (21·0–54·3)	17·9 (7·5–35·1)	7·8 (3·1–15·9)	2·7 (1·5–4·8)	–	–
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	131·4 (108·7–155·2)	156·6 (127·6–188·3)	189·5 (155·2–226·8)	228·5 (188·7–268·8)	299·3 (248·9–349·4)	336·3 (285·1–387·8)	971·9 (838·9–1,079·1)
Diarrheal diseases	35·8 (27·0–48·7)	44·8 (31·9–64·8)	61·0 (44·3–88·1)	67·7 (48·8–97·2)	84·4 (59·7–122·0)	75·9 (54·5–108·2)	141·2 (108·1–187·9)
Cholera	0·9 (0·6–1·4)	0·9 (0·6–1·5)	0·9 (0·6–1·5)	0·6 (0·4–1·1)	0·5 (0·2–0·9)	0·4 (0·2–0·6)	0·5 (0·3–0·9)
Other salmonella infections	2·4 (1·6–3·6)	2·7 (1·7–4·3)	3·2 (2·0–5·2)	3·2 (2·0–5·1)	3·7 (2·3–6·0)	3·5 (2·2–5·6)	7·7 (5·1–11·3)
Shigellosis	3·3 (2·2–4·8)	4·2 (2·7–6·6)	5·9 (3·8–9·5)	6·7 (4·2–10·5)	8·5 (5·4–13·8)	7·7 (4·9–12·4)	14·1 (9·3–21·0)
Enteropathogenic E coli infection	0·4 (0·3–0·6)	0·6 (0·3–0·9)	0·9 (0·5–1·5)	1·1 (0·6–1·9)	1·6 (1·0–2·8)	1·8 (1·1–3·0)	4·7 (3·0–7·2)
Enterotoxigenic E coli infection	4·3 (3·0–6·3)	5·3 (3·5–8·3)	6·9 (4·4–10·7)	7·4 (4·8–11·5)	9·0 (5·9–14·4)	7·8 (5·1–12·2)	13·8 (9·3–19·9)
Campylobacter enteritis	1·8 (1·1–2·7)	2·2 (1·4–3·8)	3·0 (1·8–5·0)	3·3 (2·0–5·6)	4·5 (2·7–7·7)	4·9 (2·9–8·1)	11·7 (7·3–17·9)
Amoebiasis	2·3 (1·4–3·4)	2·9 (1·8–4·8)	4·1 (2·5–6·5)	4·6 (2·8–7·4)	5·8 (3·6–9·8)	5·3 (3·1–8·7)	9·4 (5·8–14·7)
Cryptosporidiosis	0·7 (0·4–1·1)	0·9 (0·5–1·4)	1·2 (0·7–1·9)	1·3 (0·8–2·0)	1·6 (0·9–2·6)	1·4 (0·8–2·3)	2·5 (1·5–3·8)
Rotaviral enteritis	3·1 (2·0–4·6)	4·2 (2·7–7·0)	6·1 (3·7–9·7)	7·2 (4·5–11·7)	9·0 (5·7–15·0)	7·5 (4·6–12·1)	12·4 (8·2–18·5)
Other diarrheal diseases	16·5 (10·9–25·0)	20·9 (13·0–32·8)	28·9 (18·2–44·0)	32·2 (20·2–53·3)	40·2 (25·0–66·5)	35·6 (21·4–57·2)	64·5 (41·8–97·3)
Typhoid and paratyphoid fevers	5·0 (0·6–9·5)	3·8 (0·5–7·2)	2·5 (0·3–4·7)	2·3 (0·3–4·3)	2·6 (0·3–4·9)	2·3 (0·3–4·2)	2·6 (0·3–4·9)
Lower respiratory infections	69·3 (54·3–84·8)	86·9 (67·8–107·4)	107·1 (81·5–128·6)	139·0 (108·4–165·1)	192·9 (151·6–224·3)	239·2 (195·5–273·3)	804·6 (677·0–896·7)
Influenza	16·0 (12·6–19·6)	19·4 (15·0–24·1)	23·1 (17·6–28·0)	28·9 (22·5–34·7)	38·7 (30·5–45·2)	46·1 (37·7–52·9)	143·6 (120·3–160·6)
Pneumococcal pneumonia	21·8 (17·3–26·4)	27·7 (21·6–33·6)	34·8 (26·7–41·6)	46·1 (36·0–54·2)	64·6 (51·1–74·5)	81·6 (67·3–92·6)	294·6 (247·3–328·5)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
H influenzae type B pneumonia	9·8 (7·7–12·1)	11·4 (8·8–13·9)	12·6 (9·7–15·3)	14·8 (11·7–17·8)	18·5 (14·6–21·7)	20·4 (16·5–23·4)	52·2 (43·8–58·8)
Respiratory syncytial virus pneumonia	0·7 (0·5–0·8)	0·9 (0·7–1·1)	1·1 (0·8–1·3)	1·4 (1·1–1·7)	1·9 (1·5–2·2)	2·4 (2·0–2·7)	8·0 (6·8–9·0)
Other lower respiratory infections	21·0 (16·3–26·7)	27·5 (21·1–35·1)	35·5 (26·7–43·3)	47·7 (36·7–57·5)	69·2 (53·7–81·1)	88·7 (71·5–102·3)	306·2 (259·2–347·7)
Upper respiratory infections	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·2–0·3)	0·6 (0·5–0·7)
Otitis media	0·1 (0·0–1·4)	0·1 (0·0–0·9)	0·1 (0·0–0·9)	0·1 (0·0–0·8)	0·1 (0·0–0·8)	0·1 (0·0–0·7)	0·1 (0·0–1·0)
Meningitis	14·2 (9·8–18·8)	13·7 (9·6–18·6)	13·3 (9·4–18·2)	13·8 (9·9–19·0)	13·5 (10·1–19·1)	13·1 (8·5–21·2)	15·6 (10·4–24·0)
Pneumococcal meningitis	4·9 (3·2–6·7)	4·6 (3·1–6·7)	4·3 (2·9–5·9)	4·3 (2·9–6·2)	3·9 (2·8–5·8)	3·6 (2·2–5·9)	3·4 (2·1–5·8)
H influenzae type B meningitis	1·0 (0·6–1·4)	1·0 (0·7–1·5)	1·1 (0·7–1·6)	1·2 (0·8–1·8)	1·3 (0·9–2·0)	1·4 (0·9–2·4)	1·9 (1·2–3·2)
Meningococcal infection	2·7 (1·8–3·4)	2·4 (1·7–3·2)	2·3 (1·6–3·1)	2·3 (1·6–3·0)	2·1 (1·5–2·8)	1·8 (1·1–2·7)	1·7 (1·1–2·4)
Other meningitis	5·7 (3·8–7·5)	5·6 (3·9–7·8)	5·6 (4·0–7·5)	6·0 (4·2–8·2)	6·2 (4·7–8·7)	6·3 (4·2–10·0)	8·6 (5·8–12·7)
Encephalitis	5·3 (2·9–8·6)	5·0 (2·8–8·4)	4·4 (2·5–7·4)	4·5 (2·5–7·5)	4·3 (2·5–7·5)	4·5 (2·3–9·0)	5·2 (2·9–9·5)
Diphtheria	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	–	–	–	–	–
Whooping cough	0·1 (0·0–0·6)	0·4 (0·0–2·0)	–	–	–	–	–
Tetanus	1·2 (0·0–5·1)	1·5 (0·0–6·4)	0·8 (0·0–3·4)	0·9 (0·0–3·9)	1·0 (0·0–4·0)	0·8 (0·0–3·2)	0·7 (0·0–2·9)
Measles	0·1 (0·0–0·2)	0·1 (0·0–0·2)	–	–	–	–	–
Varicella	0·2 (0·0–1·0)	0·1 (0·0–0·9)	0·1 (0·0–0·9)	0·2 (0·0–1·1)	0·2 (0·0–1·3)	0·3 (0·0–2·1)	1·2 (0·0–8·6)
Neglected tropical diseases and malaria	37·9 (26·0–56·9)	40·1 (26·7–61·2)	39·4 (27·7–57·2)	38·5 (27·0–57·1)	37·6 (25·8–56·1)	29·9 (20·1–47·1)	38·0 (25·2–57·6)
Malaria	30·4 (19·1–48·9)	31·9 (19·0–52·2)	31·8 (21·1–47·8)	31·5 (20·7–48·2)	30·5 (19·3–48·2)	23·8 (14·6–38·9)	29·4 (17·5–48·1)
Chagas disease	0·9 (0·3–3·0)	1·1 (0·4–3·4)	1·2 (0·5–3·9)	1·2 (0·4–3·7)	1·2 (0·5–3·5)	1·1 (0·4–3·2)	1·9 (0·8–5·0)
Leishmaniasis	2·0 (1·2–3·0)	1·8 (1·1–2·7)	1·4 (0·9–2·0)	1·1 (0·7–1·7)	1·1 (0·7–1·5)	0·8 (0·5–1·2)	0·9 (0·5–1·3)
African trypanosomiasis	0·3 (0·0–1·1)	0·2 (0·0–0·7)	0·1 (0·0–0·3)	0·1 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Schistosomiasis	1·1 (0·0–6·3)	1·4 (0·0–8·5)	1·4 (0·0–8·3)	1·3 (0·0–7·8)	1·3 (0·0–8·2)	1·3 (0·0–7·5)	1·1 (0·0–6·6)
Cysticercosis	0·1 (0·0–0·3)	0·1 (0·0–0·4)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·2)	<0·05 (0·0–0·2)	0·1 (0·0–0·2)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Echinococcosis	0·1 (0·0–0·3)	0·1 (0·0–0·4)	0·1 (0·0–0·4)	0·1 (0·0–0·4)	0·1 (0·0–0·5)	0·1 (0·0–0·5)	0·2 (0·0–0·7)
Dengue	0·5 (0·2–1·1)	0·5 (0·2–1·1)	0·6 (0·2–1·1)	0·5 (0·2–1·0)	0·5 (0·2–0·8)	0·4 (0·2–0·8)	1·2 (0·5–2·0)
Rabies	1·4 (0·6–2·6)	1·5 (0·7–3·0)	1·4 (0·6–2·6)	1·2 (0·6–2·4)	1·0 (0·5–1·9)	0·6 (0·3–1·2)	0·5 (0·2–0·8)
Intestinal nematode infections	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)	0·1 (0·0–0·2)
Ascariasis	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)	0·1 (0·0–0·2)
Other neglected tropical diseases	1·1 (0·7–1·9)	1·3 (0·8–2·1)	1·3 (0·7–2·1)	1·4 (0·7–2·5)	1·8 (0·9–3·0)	1·8 (0·8–3·3)	2·8 (1·3–6·4)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	16·4 (11·8–23·0)	20·3 (14·4–29·0)	26·7 (19·0–38·7)	31·1 (22·3–43·5)	39·1 (27·9–55·5)	41·9 (29·3–60·6)	103·2 (72·0–136·6)
Protein-energy malnutrition	14·0 (9·6–19·7)	17·3 (11·8–25·5)	22·9 (15·4–33·6)	26·6 (18·7–37·6)	33·6 (22·4–50·8)	35·7 (24·7–53·0)	82·3 (54·6–114·1)
Iodine deficiency	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·8 (0·5–1·0)
Iron-deficiency anemia	2·0 (1·5–2·5)	2·5 (1·8–3·1)	3·1 (2·1–3·9)	3·8 (2·7–4·7)	4·5 (3·2–5·7)	4·8 (3·5–6·0)	15·0 (9·8–17·6)
Other nutritional deficiencies	0·4 (0·3–0·5)	0·5 (0·3–0·6)	0·6 (0·4–0·7)	0·6 (0·5–0·8)	0·9 (0·6–1·1)	1·2 (0·8–1·4)	5·1 (3·2–6·1)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Other communicable, maternal, neonatal, and nutritional disorders	40·5 (29·0–61·9)	43·6 (32·2–61·6)	42·8 (33·3–57·5)	44·9 (34·0–60·2)	41·5 (30·9–55·4)	36·1 (27·0–46·2)	42·1 (31·7–53·8)
Sexually transmitted diseases excluding HIV	0·6 (0·5–1·0)	0·5 (0·4–0·9)	0·6 (0·5–1·0)	0·5 (0·4–0·8)	0·7 (0·5–0·9)	0·7 (0·5–1·0)	1·0 (0·8–1·4)
Syphilis	0·3 (0·2–0·6)	0·3 (0·2–0·6)	0·4 (0·3–0·6)	0·3 (0·2–0·6)	0·4 (0·3–0·6)	0·4 (0·3–0·5)	0·4 (0·3–0·6)
Sexually transmitted chlamydial diseases	0·1 (0·1–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)
Gonococcal infection	0·1 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)
Other sexually transmitted diseases	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·4 (0·2–0·5)
Hepatitis	28·8 (18·6–50·3)	30·3 (20·2–46·7)	26·5 (18·7–40·3)	24·4 (16·6–36·5)	21·5 (15·0–32·4)	15·2 (11·0–21·7)	12·6 (9·4–17·6)
Acute hepatitis A	10·2 (3·7–28·5)	10·7 (4·1–27·0)	9·6 (4·2–24·5)	9·4 (3·8–23·1)	7·8 (3·4–18·2)	5·6 (2·3–13·8)	4·8 (1·9–11·9)
Acute hepatitis B	16·2 (9·5–30·4)	17·3 (9·8–29·6)	14·8 (8·7–24·1)	13·2 (8·3–21·7)	11·9 (7·1–19·9)	8·3 (5·4–12·3)	6·7 (4·3–9·8)
Acute hepatitis C	2·0 (1·2–3·5)	1·8 (1·1–3·1)	1·8 (1·1–2·9)	1·7 (1·0–2·9)	1·8 (1·0–2·8)	1·2 (0·8–1·9)	1·0 (0·7–1·4)
Acute hepatitis E	0·5 (0·1–1·4)	0·4 (0·1–1·0)	0·2 (0·1–0·6)	0·1 (0·0–0·4)	0·1 (0·0–0·3)	0·1 (0·0–0·2)	0·1 (0·0–0·1)
Other infectious diseases	11·0 (7·0–16·0)	12·8 (8·4–18·5)	15·7 (10·1–22·1)	20·0 (12·8–29·4)	19·3 (11·8–29·1)	20·2 (12·2–29·1)	28·5 (18·7–39·7)
Non-communicable diseases	1,763·2 (1,662·2–1,856·3)	2,457·0 (2,311·6–2,575·3)	2,930·1 (2,775·5–3,052·4)	3,393·6 (3,212·2–3,520·4)	4,352·4 (4,144·6–4,500·5)	4,668·9 (4,465·4–4,803·3)	10,461·5 (10,189·0–10,639·7)
Neoplasms	596·7 (550·7–641·9)	836·0 (764·1–899·6)	929·6 (847·4–990·9)	962·0 (886·8–1,025·7)	1,072·9 (977·2–1,143·9)	981·4 (887·3–1,044·2)	1,490·3 (1,353·1–1,581·6)
Esophageal cancer	34·4 (23·2–43·8)	51·7 (34·4–65·8)	58·4 (39·0–77·2)	57·5 (40·0–74·6)	57·6 (40·5–73·6)	46·8 (33·4–59·7)	54·2 (39·4–68·3)
Stomach cancer	50·7 (37·1–67·0)	77·1 (52·7–101·2)	89·3 (62·0–115·7)	97·8 (73·0–129·3)	113·9 (85·0–152·8)	102·7 (76·1–135·2)	143·6 (106·5–194·7)
Liver cancer	71·0 (56·9–89·1)	98·1 (78·9–125·4)	95·8 (76·7–115·6)	91·8 (75·2–107·9)	92·8 (74·3–109·7)	79·0 (62·8–90·9)	92·5 (69·7–105·6)
Liver cancer secondary to hepatitis B	34·2 (26·3–43·9)	47·5 (37·3–62·7)	45·4 (36·0–56·5)	42·6 (34·6–50·6)	41·2 (32·4–49·2)	33·4 (25·9–39·3)	34·4 (25·0–40·9)
Liver cancer secondary to hepatitis C	13·9 (11·1–17·2)	22·9 (18·8–28·3)	26·7 (22·0–31·9)	28·3 (23·7–32·7)	29·7 (24·1–34·2)	26·3 (21·1–30·0)	33·8 (26·0–38·2)
Liver cancer secondary to alcohol use	14·5 (11·6–18·0)	18·8 (15·3–23·7)	17·5 (14·1–21·1)	16·5 (13·5–19·4)	17·6 (14·1–20·5)	15·7 (12·4–18·1)	20·4 (15·5–23·2)
Other liver cancer	8·5 (6·8–10·5)	8·9 (7·2–11·3)	6·2 (5·1–7·4)	4·4 (3·6–5·2)	4·4 (3·5–5·1)	3·6 (2·8–4·2)	4·0 (3·1–4·6)
Larynx cancer	10·4 (5·4–18·1)	13·0 (6·6–21·9)	14·3 (7·2–23·7)	13·7 (6·9–22·6)	14·0 (7·3–22·6)	10·6 (5·4–17·6)	11·9 (6·4–18·9)
Trachea, bronchus and lung cancers	106·3 (81·2–134·6)	169·4 (128·4–206·1)	204·6 (153·6–249·0)	219·6 (160·9–259·5)	243·5 (173·1–287·6)	216·0 (148·4–253·0)	254·6 (171·6–291·1)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Breast cancer	49·2 (46·0–52·9)	56·4 (52·9–60·5)	49·4 (46·6–52·9)	41·9 (39·0–44·7)	41·8 (39·1–44·7)	36·3 (33·9–39·2)	73·9 (67·4–80·4)
Cervical cancer	28·0 (16·4–38·5)	29·5 (17·9–41·6)	27·6 (16·0–38·6)	23·2 (14·0–33·8)	22·3 (14·6–33·3)	15·6 (10·1–23·9)	21·7 (14·4–33·4)
Uterine cancer	3·9 (1·8–5·8)	6·3 (2·7–8·7)	7·0 (3·3–10·6)	7·6 (3·6–11·5)	8·3 (3·8–13·0)	7·3 (3·4–11·2)	13·0 (6·0–20·6)
Prostate cancer	2·8 (1·3–4·4)	6·8 (3·3–10·6)	14·0 (6·9–21·5)	23·3 (11·9–36·0)	38·7 (19·8–60·7)	50·4 (27·0–78·2)	118·1 (64·8–192·0)
Colon and rectum cancers	40·0 (34·3–47·8)	59·4 (51·8–69·1)	72·2 (63·4–84·6)	81·1 (71·1–94·4)	102·4 (88·1–121·4)	103·8 (89·3–120·8)	193·0 (159·5–224·9)
Mouth cancer	13·4 (11·1–15·9)	16·1 (13·1–19·0)	16·2 (13·6–18·7)	14·6 (12·3–16·9)	13·7 (11·2–15·8)	10·7 (8·7–12·4)	17·7 (13·7–20·4)
Nasopharynx cancer	7·5 (4·3–12·3)	9·1 (5·4–14·9)	8·2 (4·8–12·9)	6·7 (4·1–10·1)	5·7 (3·6–8·3)	4·1 (2·5–6·3)	4·0 (2·5–5·8)
Cancer of other part of pharynx and oropharynx	13·0 (7·8–17·4)	15·7 (9·1–20·8)	15·2 (8·6–21·0)	13·2 (7·3–17·4)	11·9 (6·8–16·0)	8·3 (4·9–11·0)	8·5 (5·3–11·4)
Gallbladder and biliary tract cancer	8·9 (5·4–12·6)	13·3 (8·1–18·3)	15·9 (10·3–21·9)	18·4 (12·2–26·0)	21·8 (14·5–31·3)	21·6 (14·7–30·5)	38·3 (24·5–56·4)
Pancreatic cancer	19·0 (14·2–24·6)	30·4 (22·5–39·3)	36·9 (27·2–47·9)	40·0 (29·5–50·4)	47·1 (34·9–60·9)	44·2 (32·1–56·9)	70·4 (50·9–96·7)
Malignant melanoma of skin	3·8 (2·4–6·0)	4·7 (3·0–7·2)	5·2 (3·0–7·5)	5·1 (3·0–7·3)	5·8 (3·4–8·5)	5·6 (3·1–8·3)	10·9 (6·2–15·3)
Non-melanoma skin cancer	1·3 (0·7–2·1)	2·0 (1·1–3·1)	2·2 (1·2–3·4)	2·5 (1·4–4·0)	3·2 (1·8–5·0)	3·8 (2·2–5·8)	12·6 (7·0–19·7)
Ovarian cancer	17·7 (12·7–23·8)	20·4 (14·6–27·3)	20·4 (14·2–26·5)	18·4 (13·0–24·6)	17·7 (11·8–22·9)	14·5 (9·5–18·5)	22·7 (15·6–29·7)
Testicular cancer	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·5 (0·3–0·7)	0·5 (0·3–0·9)	0·4 (0·2–0·6)	0·7 (0·3–1·2)
Kidney and other urinary organ cancers	11·5 (8·3–16·3)	17·0 (12·6–24·2)	19·3 (14·5–27·6)	20·2 (15·0–28·6)	22·5 (16·5–31·3)	21·2 (15·0–28·7)	32·8 (23·5–47·5)
Bladder cancer	6·7 (5·2–8·5)	11·2 (8·4–13·6)	15·8 (11·6–19·2)	19·0 (14·2–22·6)	26·3 (19·8–31·5)	28·3 (21·3–33·7)	55·7 (43·1–64·4)
Brain and nervous system cancers	17·8 (11·1–24·1)	21·9 (13·1–29·1)	22·2 (13·3–29·5)	20·6 (12·4–27·1)	19·9 (11·5–27·0)	16·2 (8·6–22·5)	20·6 (9·6–28·4)
Thyroid cancer	2·4 (1·6–3·1)	3·6 (2·5–4·8)	4·1 (2·9–5·2)	4·5 (3·3–5·7)	5·4 (3·9–6·7)	4·8 (3·3–6·2)	7·1 (4·8–9·0)
Hodgkin's disease	1·3 (0·8–1·9)	1·4 (0·9–2·1)	1·4 (0·9–2·1)	1·4 (0·9–2·0)	1·5 (1·0–2·3)	1·3 (0·8–1·9)	1·9 (1·2–2·8)
Non-Hodgkin's lymphoma	13·3 (10·4–15·2)	17·8 (14·2–20·4)	20·9 (16·9–24·0)	21·9 (17·8–24·7)	24·7 (19·3–27·9)	23·5 (18·3–26·6)	38·4 (28·1–45·3)
Multiple myeloma	4·1 (2·6–5·9)	6·6 (4·2–9·2)	8·6 (5·3–12·3)	9·7 (6·0–14·2)	11·4 (7·2–15·7)	10·8 (6·8–15·3)	17·8 (11·4–25·3)
Leukemia	15·0 (11·7–18·4)	19·2 (15·1–23·7)	21·4 (16·6–25·3)	22·7 (17·5–27·2)	26·9 (20·5–31·8)	26·6 (18·9–30·8)	46·7 (32·6–55·9)
Other neoplasms	42·8 (29·6–58·3)	57·3 (39·5–74·9)	62·8 (44·1–81·3)	65·5 (45·4–86·4)	71·5 (50·3–91·3)	67·1 (45·3–85·9)	107·0 (74·9–137·3)

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Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Cardiovascular and circulatory diseases	647·5 (587·7–698·3)	928·8 (843·3–986·5)	1,157·9 (1,056·7–1,225·2)	1,423·3 (1,307·0–1,507·1)	2,010·8 (1,852·8–2,109·8)	2,321·4 (2,165·5–2,432·4)	5,911·1 (5,591·7–6,252·6)
Rheumatic heart disease	21·8 (17·4–27·2)	27·6 (22·1–34·1)	28·6 (23·2–34·0)	30·6 (26·1–35·7)	36·4 (31·4–41·9)	36·3 (31·2–40·8)	84·4 (74·3–91·8)
Ischemic heart disease	314·1 (274·2–349·8)	444·5 (388·3–486·4)	536·5 (478·4–585·9)	637·6 (573·8–688·6)	896·3 (822·4–962·5)	1,001·3 (930·4–1,075·8)	2,691·5 (2,553·7–2,890·9)
Cerebrovascular disease	212·2 (178·7–235·4)	320·8 (272·3–360·1)	424·5 (362·9–469·6)	548·5 (471·1–602·6)	806·4 (707·0–888·8)	962·2 (843·2–1,051·5)	2,243·5 (2,033·5–2,506·8)
Ischemic stroke	39·4 (35·1–47·9)	72·4 (64·4–89·3)	134·7 (119·2–170·1)	194·0 (173·1–243·0)	358·7 (325·1–428·5)	487·0 (444·8–571·5)	1,494·8 (1,393·8–1,687·0)
Hemorrhagic and other non-ischemic stroke	172·8 (146·0–201·3)	248·4 (210·1–288·0)	289·8 (244·2–343·7)	354·5 (300·1–416·8)	447·7 (382·5–529·3)	475·2 (405·9–553·9)	748·7 (655·8–865·6)
Hypertensive heart disease	36·0 (29·3–44·4)	50·3 (41·5–61·8)	66·1 (53·8–82·0)	86·1 (68·2–105·5)	112·9 (90·8–142·5)	131·1 (105·2–164·0)	331·4 (259·5–426·1)
Cardiomyopathy and myocarditis	27·6 (23·2–33·3)	32·1 (27·4–37·7)	33·7 (28·8–39·2)	34·6 (30·0–40·8)	39·3 (33·9–45·4)	40·9 (36·2–46·8)	100·2 (89·8–111·6)
Atrial fibrillation and flutter	1·1 (0·8–1·6)	1·8 (1·3–2·8)	3·3 (2·3–5·0)	5·0 (3·6–7·0)	9·2 (6·8–13·0)	14·9 (11·5–20·5)	77·7 (61·7–100·9)
Aortic aneurysm	6·4 (4·3–10·1)	10·3 (7·0–15·5)	14·7 (10·3–21·4)	20·1 (13·8–30·2)	28·6 (20·2–41·8)	32·4 (22·8–47·0)	68·5 (50·8–91·3)
Peripheral vascular disease	0·9 (0·5–1·6)	1·5 (0·9–2·6)	2·2 (1·3–3·9)	3·0 (1·7–5·1)	4·7 (2·9–7·9)	6·6 (3·9–10·7)	30·1 (19·2–45·2)
Endocarditis	2·6 (1·9–3·3)	3·1 (2·4–4·0)	3·3 (2·6–4·2)	3·5 (2·8–4·4)	4·0 (3·4–4·9)	4·6 (3·8–5·5)	11·2 (9·0–13·5)
Other cardiovascular and circulatory diseases	24·8 (22·4–27·5)	36·8 (33·7–40·3)	45·0 (41·8–48·7)	54·2 (50·1–59·0)	73·0 (68·2–78·4)	91·1 (85·4–97·5)	272·6 (260·1–285·7)
Chronic respiratory diseases	113·4 (98·1–132·7)	195·1 (171·5–226·7)	293·5 (264·3–331·9)	413·5 (373·0–456·0)	568·5 (525·6–620·5)	628·8 (586·3–674·0)	1,284·9 (1,217·0–1,355·3)
Chronic obstructive pulmonary disease	75·3 (60·7–94·2)	140·7 (115·5–173·8)	222·6 (188·5–268·4)	325·7 (279·2–382·4)	457·7 (402·3–531·8)	512·0 (457·1–583·4)	1,043·9 (959·1–1,153·9)
Pneumoconiosis	4·2 (2·2–7·7)	6·6 (3·6–11·3)	10·1 (5·6–18·7)	13·8 (7·8–25·6)	18·3 (10·4–31·6)	18·8 (11·3–32·0)	45·3 (28·0–78·6)
Asthma	18·6 (13·4–32·5)	26·2 (19·1–44·1)	32·1 (24·2–51·6)	39·3 (29·8–61·0)	47·1 (36·2–72·4)	45·7 (35·8–68·0)	71·9 (57·9–106·3)
Other interstitial lung disease	4·3 (2·9–6·4)	6·7 (4·4–10·0)	10·1 (6·3–15·3)	12·5 (8·2–18·0)	16·4 (10·4–23·3)	18·7 (11·9–25·9)	37·8 (22·4–53·0)
Other chronic respiratory diseases	11·0 (8·0–15·6)	14·9 (10·9–21·1)	18·7 (13·5–27·0)	22·3 (16·4–30·7)	28·9 (20·8–40·3)	33·6 (25·6–43·1)	86·0 (66·0–110·1)
Cirrhosis of the liver	116·3 (93·4–135·1)	128·9 (106·9–152·5)	121·3 (97·9–140·2)	104·1 (86·9–121·0)	97·1 (80·5–111·9)	75·1 (64·9–88·3)	99·0 (85·8–119·9)
Cirrhosis of the liver secondary to hepatitis B	34·9 (28·0–43·3)	41·3 (34·5–53·2)	41·1 (34·7–51·1)	36·3 (30·9–44·7)	33·2 (28·3–40·6)	24·4 (21·1–29·7)	26·8 (23·6–33·8)
Cirrhosis of the liver secondary to hepatitis C	29·5 (23·7–34·4)	36·6 (29·7–43·5)	38·1 (32·1–44·1)	34·7 (29·5–40·2)	33·0 (27·8–38·4)	26·3 (22·7–30·2)	38·1 (34·0–45·1)
Cirrhosis of the liver secondary to alcohol use	35·4 (26·2–42·5)	35·9 (27·8–44·6)	30·9 (24·1–37·3)	25·1 (20·0–30·5)	23·4 (18·8–28·4)	18·4 (15·5–22·4)	26·1 (22·3–32·0)

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Other cirrhosis of the liver	16·6 (13·2–19·5)	15·1 (12·3–18·1)	11·2 (9·4–13·2)	8·0 (6·7–9·5)	7·6 (6·4–8·9)	6·0 (5·2–7·0)	8·0 (7·0–9·5)
Digestive diseases (except cirrhosis)	61·8 (51·1–73·9)	71·1 (59·6–82·2)	85·5 (73·5–97·4)	92·7 (80·0–104·3)	116·8 (100·8–132·4)	129·9 (114·0–145·5)	319·0 (289·0–348·9)
Peptic ulcer disease	17·8 (13·6–23·8)	17·1 (13·5–22·3)	20·6 (16·3–26·1)	21·7 (17·8–27·7)	26·0 (20·5–33·2)	27·3 (22·3–34·4)	56·1 (47·1–69·1)
Gastritis and duodenitis	0·7 (0·5–1·0)	0·9 (0·6–1·3)	1·0 (0·7–1·4)	1·1 (0·8–1·6)	1·4 (1·0–1·9)	1·6 (1·2–2·1)	4·5 (3·4–6·3)
Appendicitis	1·7 (0·9–2·4)	2·1 (1·2–2·9)	2·6 (1·4–3·7)	2·7 (1·5–4·0)	3·1 (1·7–4·6)	3·0 (1·6–4·3)	5·4 (3·0–7·0)
Paralytic ileus and intestinal obstruction without hernia	7·2 (5·1–10·1)	8·6 (6·1–12·7)	10·4 (7·6–14·7)	11·3 (8·1–15·3)	15·0 (10·9–20·6)	17·5 (12·8–24·0)	45·5 (32·1–57·7)
Inguinal or femoral hernia	0·6 (0·6–0·6)	0·9 (0·9–0·9)	1·1 (1·1–1·1)	1·3 (1·3–1·3)	2·0 (1·9–2·0)	2·4 (2·3–2·4)	6·5 (6·2–6·6)
Noninfective inflammatory bowel disease	1·4 (1·0–1·9)	1·8 (1·3–2·3)	1·9 (1·3–2·5)	2·0 (1·5–2·7)	2·6 (1·9–3·4)	3·1 (2·2–4·0)	9·9 (7·0–12·4)
Vascular disorders of intestine	1·9 (0·8–4·6)	2·9 (1·3–7·1)	4·2 (1·9–9·9)	5·8 (2·7–13·6)	9·0 (4·5–19·1)	11·5 (6·1–24·0)	34·2 (19·9–63·2)
Gall bladder and bile duct disease	3·6 (2·8–4·6)	4·8 (3·7–6·3)	5·9 (4·6–7·6)	7·1 (5·5–9·3)	9·4 (7·4–12·2)	11·6 (8·8–15·0)	34·2 (25·8–43·4)
Pancreatitis	6·3 (4·5–8·3)	6·4 (4·7–8·6)	6·5 (4·7–8·3)	6·2 (4·5–7·9)	7·2 (5·4–9·0)	7·2 (5·4–9·0)	14·2 (10·2–17·3)
Other digestive diseases	20·6 (15·2–29·0)	25·7 (20·1–35·8)	31·3 (23·7–43·6)	33·6 (26·0–45·4)	41·1 (32·0–55·4)	44·8 (35·3–60·6)	108·5 (84·5–148·2)
Neurological disorders	45·5 (32·7–68·8)	55·0 (39·4–83·1)	62·2 (43·3–94·5)	74·8 (53·3–110·2)	101·5 (77·3–143·6)	135·3 (108·3–170·6)	509·1 (344·3–613·5)
Alzheimer's disease and other dementias	2·7 (2·0–3·7)	4·6 (3·5–6·5)	7·9 (6·1–11·1)	13·3 (10·1–18·3)	28·3 (21·1–38·1)	57·3 (42·4–72·1)	363·4 (213·5–460·2)
Parkinson's disease	1·0 (0·7–1·4)	2·0 (1·4–2·7)	3·6 (2·7–5·1)	7·0 (5·2–9·9)	13·8 (10·3–18·5)	21·3 (15·4–27·7)	60·5 (41·2–76·4)
Epilepsy	8·7 (5·8–10·7)	8·0 (5·3–9·8)	6·8 (4·4–8·5)	7·4 (4·7–9·4)	7·1 (4·3–9·1)	7·0 (4·1–9·1)	15·0 (8·6–20·8)
Multiple sclerosis	2·1 (1·6–2·8)	2·4 (1·7–3·2)	2·1 (1·5–2·8)	1·7 (1·2–2·2)	1·5 (1·1–2·0)	1·2 (0·8–1·6)	1·4 (0·9–1·8)
Other neurological disorders	31·0 (18·6–54·4)	38·0 (22·6–65·5)	41·7 (23·7–74·2)	45·4 (24·7–80·6)	50·8 (27·9–93·3)	48·4 (28·5–81·9)	68·9 (40·0–114·5)
Mental and behavioral disorders	26·1 (17·1–39·2)	23·3 (16·0–35·6)	17·1 (12·0–25·9)	12·5 (9·0–19·1)	11·4 (8·8–17·3)	9·3 (7·4–13·5)	18·8 (14·6–26·4)
Schizophrenia	1·6 (1·2–2·2)	1·9 (1·5–2·6)	1·5 (1·1–2·1)	1·5 (1·1–2·1)	1·5 (1·1–2·1)	1·5 (1·2–2·2)	2·7 (2·0–3·6)
Alcohol use disorders	17·5 (9·7–30·8)	15·9 (8·8–27·5)	11·5 (6·5–20·2)	7·5 (4·2–13·2)	5·8 (3·5–10·8)	3·5 (2·1–6·6)	3·5 (2·2–6·6)
Drug use disorders	5·9 (3·2–10·0)	4·2 (2·2–6·6)	2·8 (1·6–5·0)	2·1 (1·3–3·6)	2·3 (1·6–4·7)	2·0 (1·3–4·0)	3·9 (2·5–7·5)
Opioid use disorders	3·4 (1·8–5·6)	2·3 (1·2–3·6)	1·5 (0·9–2·7)	1·1 (0·7–1·9)	1·2 (0·8–2·5)	1·1 (0·7–2·1)	2·1 (1·3–3·9)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Cocaine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	2·4 (1·4–4·1)	1·8 (1·0–2·9)	1·2 (0·7–2·1)	1·0 (0·6–1·7)	1·1 (0·7–2·2)	0·9 (0·6–1·7)	1·7 (1·1–3·4)
Eating disorders	0·3 (0·2–0·4)	0·3 (0·2–0·4)	0·3 (0·1–0·4)	0·3 (0·2–0·4)	0·4 (0·2–0·6)	0·5 (0·3–0·8)	2·7 (1·5–4·4)
Other mental and behavioral disorders	0·8 (0·4–1·2)	1·0 (0·5–1·5)	1·0 (0·5–1·5)	1·1 (0·6–1·7)	1·4 (0·8–2·0)	1·8 (1·1–2·6)	6·0 (3·3–9·6)
Diabetes, urogenital, blood, and endocrine diseases	136·7 (120·7–154·4)	193·8 (170·1–214·2)	235·1 (204·9–256·9)	280·5 (249·0–305·1)	333·5 (293·2–362·4)	342·8 (304·0–372·7)	721·1 (649·1–802·3)
Diabetes mellitus	67·8 (55·4–76·0)	103·0 (83·9–116·0)	130·9 (107·2–144·3)	161·6 (133·7–177·8)	191·7 (156·1–209·4)	187·6 (152·4–202·8)	314·8 (265·4–340·9)
Acute glomerulonephritis	5·2 (1·9–16·2)	5·5 (2·0–14·8)	5·7 (2·2–14·8)	6·0 (2·5–16·0)	6·3 (2·8–14·6)	5·3 (2·3–13·7)	6·7 (2·6–17·1)
Chronic kidney diseases	39·7 (33·0–45·5)	54·8 (44·4–62·4)	61·9 (50·2–70·4)	69·9 (57·5–81·1)	79·9 (64·8–91·2)	85·1 (70·1–95·4)	211·8 (170·4–245·2)
Chronic kidney disease due to diabetes mellitus	11·2 (9·2–13·0)	17·7 (14·2–20·8)	22·9 (18·3–26·7)	23·0 (18·6–27·3)	22·4 (17·9–26·1)	20·2 (16·4–23·1)	43·7 (34·0–52·4)
Chronic kidney disease due to hypertension	9·2 (7·7–10·4)	12·0 (9·8–13·9)	12·9 (10·5–14·8)	15·8 (13·1–18·2)	19·4 (15·8–22·1)	21·9 (18·2–24·6)	56·8 (46·4–65·6)
Chronic kidney disease unspecified	19·4 (16·1–22·4)	25·1 (20·2–28·9)	26·1 (21·0–30·1)	31·2 (25·6–36·3)	38·1 (31·0–43·9)	43·0 (35·2–48·7)	111·3 (88·6–127·2)
Urinary diseases and male infertility	9·6 (7·0–12·8)	12·9 (9·4–16·5)	16·2 (12·1–21·5)	20·5 (15·2–26·8)	28·8 (21·1–37·6)	34·6 (26·4–46·2)	108·1 (81·0–141·9)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	5·2 (3·3–7·1)	6·9 (4·6–9·2)	8·7 (5·8–11·8)	11·2 (7·2–14·5)	16·5 (10·8–22·0)	21·0 (13·8–27·4)	76·0 (46·7–97·9)
Urolithiasis	0·9 (0·5–1·5)	1·4 (0·8–2·3)	1·5 (0·8–2·5)	1·8 (1·0–3·0)	2·4 (1·3–3·7)	2·6 (1·4–4·3)	5·7 (2·9–9·7)
Other urinary diseases	3·5 (2·4–4·8)	4·6 (3·2–6·0)	6·0 (4·3–8·3)	7·5 (5·4–10·4)	10·0 (6·9–13·6)	10·9 (8·0–15·3)	26·4 (19·5–36·7)
Gynecological diseases	0·5 (0·5–0·5)	0·4 (0·4–0·5)	0·4 (0·4–0·4)	0·4 (0·4–0·4)	0·5 (0·5–0·5)	0·5 (0·5–0·6)	1·5 (1·4–1·6)
Uterine fibroids	0·1 (0·1–0·1)	0·1 (0·1–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·1–0·2)
Endometriosis	<0·05 (0·0–0·05)	–	–	–	–	–	–
Genital prolapse	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·0–0·1)	0·2 (0·2–0·2)
Other gynecological diseases	0·4 (0·4–0·4)	0·4 (0·3–0·4)	0·3 (0·3–0·3)	0·3 (0·3–0·4)	0·4 (0·4–0·4)	0·4 (0·4–0·5)	1·2 (1·1–1·3)
Hemoglobinopathies and hemolytic anemias	2·9 (2·1–4·3)	3·7 (2·7–5·5)	4·4 (3·2–6·6)	5·1 (3·6–7·8)	6·8 (4·9–9·8)	8·1 (5·6–12·3)	18·0 (13·1–26·2)
Thalassemias	0·8 (0·6–0·9)	0·6 (0·5–0·8)	0·4 (0·3–0·4)	0·2 (0·2–0·2)	0·1 (0·1–0·1)	0·1 (0·0–0·1)	<0·05 (0·0–0·05)

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Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Sickle cell disorders	0·6 (0·4–1·0)	0·6 (0·4–1·0)	0·6 (0·4–0·8)	0·5 (0·3–0·7)	0·3 (0·3–0·4)	0·2 (0·2–0·3)	0·1 (0·1–0·2)
G6PD deficiency	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·2–0·2)	0·3 (0·2–0·4)	0·4 (0·3–0·5)	0·9 (0·8–1·0)
Other hemoglobinopathies and hemolytic anemias	1·3 (0·6–2·2)	2·2 (1·2–3·6)	3·3 (1·9–5·0)	4·2 (2·6–6·5)	6·0 (3·8–8·9)	7·5 (4·5–11·4)	17·0 (11·3–25·1)
Other endocrine, nutritional, blood, and immune disorders	11·0 (6·5–19·8)	13·5 (7·8–23·7)	15·6 (9·5–29·0)	17·0 (10·1–31·2)	19·5 (12·2–35·3)	21·6 (14·0–42·2)	60·1 (38·8–117·2)
Musculoskeletal disorders	7·9 (5·6–11·6)	10·5 (7·1–15·3)	11·0 (8·1–16·3)	12·1 (8·7–18·5)	15·8 (11·2–22·4)	19·2 (13·6–26·8)	44·1 (29·8–63·9)
Rheumatoid arthritis	2·4 (1·7–3·7)	3·8 (2·8–5·7)	4·2 (3·1–6·1)	5·0 (3·6–7·1)	6·7 (4·7–9·6)	8·1 (5·6–12·1)	12·3 (9·0–17·5)
Other musculoskeletal disorders	5·5 (4·3–8·1)	6·7 (5·4–10·0)	6·8 (5·4–10·5)	7·2 (5·5–10·5)	9·1 (6·8–13·7)	11·1 (8·6–15·6)	31·9 (24·0–41·6)
Other non-communicable diseases	11·3 (8·6–13·7)	14·5 (11·0–17·7)	16·7 (12·1–20·6)	18·1 (13·0–22·7)	23·9 (17·5–28·9)	25·7 (18·6–31·8)	64·1 (47·9–74·7)
Congenital anomalies	6·5 (4·8–8·3)	8·8 (6·1–11·7)	10·2 (6·7–13·3)	10·8 (7·1–14·6)	14·1 (9·0–18·3)	14·0 (8·5–19·3)	32·3 (21·7–40·8)
Neural tube defects	0·4 (0·2–0·9)	0·6 (0·2–1·6)	0·6 (0·2–1·3)	0·7 (0·2–1·4)	1·0 (0·3–1·9)	0·8 (0·2–1·7)	0·9 (0·4–1·9)
Congenital heart anomalies	2·3 (1·7–3·1)	3·1 (2·2–4·3)	3·9 (2·6–5·4)	4·8 (3·0–6·6)	6·8 (4·3–9·6)	7·4 (4·5–10·9)	21·0 (15·1–28·8)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	0·9 (0·6–1·4)	1·1 (0·7–1·7)	1·0 (0·6–1·5)	0·5 (0·3–0·8)	0·2 (0·1–0·3)	0·1 (0·1–0·1)	0·1 (0·1–0·2)
Other chromosomal abnormalities	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·4 (0·1–2·1)	0·1 (0·1–0·2)	0·1 (0·1–0·3)	0·3 (0·1–0·8)
Other congenital anomalies	2·7 (1·7–4·4)	3·8 (2·3–6·3)	4·5 (2·8–7·7)	4·5 (2·7–7·5)	6·0 (3·6–10·0)	5·7 (3·3–9·8)	9·9 (5·5–16·5)
Skin and subcutaneous diseases	4·8 (3·3–6·4)	5·6 (3·9–7·4)	6·5 (4·4–8·5)	7·3 (5·1–9·3)	9·8 (7·2–12·5)	11·6 (8·7–14·6)	31·8 (23·9–38·0)
Cellulitis	1·6 (1·1–2·2)	1·9 (1·3–2·5)	2·0 (1·4–2·7)	2·1 (1·4–2·6)	2·3 (1·7–2·9)	2·3 (1·7–2·8)	4·5 (3·4–5·3)
Abscess, impetigo, and other bacterial skin diseases	2·0 (1·4–2·6)	2·2 (1·6–3·0)	2·4 (1·7–3·2)	2·5 (1·8–3·2)	3·0 (2·2–3·9)	3·2 (2·4–4·0)	7·4 (5·6–8·7)
Decubitus ulcer	1·2 (0·8–1·6)	1·4 (1·0–1·9)	2·0 (1·4–2·7)	2·7 (1·9–3·4)	4·4 (3·2–5·6)	6·1 (4·5–7·7)	19·9 (14·9–23·6)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1* (0·0–0·0)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	310·6 (271·7–360·3)	284·8 (247·4–326·8)	238·4 (207·8–267·8)	207·8 (178·0–233·4)	209·3 (182·1–231·5)	195·1 (171·4–216·2)	410·4 (356·9–448·7)
Transport injuries	91·7 (68·2–128·6)	86·0 (63·3–118·4)	69·2 (51·7–94·3)	60·1 (44·6–81·9)	56·2 (44·2–74·7)	46·5 (36·6–62·5)	54·2 (44·5–72·7)

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Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Road injury	87·3 (63·8–122·8)	82·3 (59·2–110·6)	66·1 (49·1–87·9)	57·6 (43·4–75·9)	53·9 (40·8–72·8)	44·4 (34·5–59·4)	51·8 (41·9–69·4)
Pedestrian injury by road vehicle	31·0 (19·8–49·4)	29·4 (19·7–45·0)	24·7 (16·3–36·5)	21·8 (14·5–31·7)	20·9 (14·4–30·2)	18·1 (12·5–25·1)	22·2 (16·8–30·4)
Pedal cycle vehicle	5·5 (3·8–7·8)	5·9 (4·0–8·7)	5·1 (3·5–7·3)	4·7 (3·2–6·8)	5·0 (3·4–7·0)	4·0 (2·9–5·4)	4·1 (3·1–5·4)
Motorized vehicle with two wheels	13·0 (8·7–19·7)	10·9 (7·4–16·3)	8·2 (5·7–12·1)	6·8 (4·6–9·7)	5·8 (4·3–7·7)	4·4 (3·1–6·6)	4·5 (3·3–6·3)
Motorized vehicle with three or more wheels	31·0 (24·0–41·4)	28·8 (21·1–37·7)	21·9 (16·4–29·4)	19·6 (14·5–25·0)	17·4 (13·0–22·8)	14·4 (10·6–18·9)	17·3 (13·0–22·8)
Road injury other	6·7 (2·3–18·5)	7·3 (2·5–19·8)	6·1 (2·0–15·4)	4·7 (1·6–12·8)	4·8 (1·5–13·6)	3·5 (1·2–9·7)	3·6 (1·1–11·2)
Other transport injury	4·5 (3·4–6·6)	3·7 (2·9–5·0)	3·1 (2·5–4·3)	2·5 (1·9–3·5)	2·3 (1·9–3·0)	2·1 (1·7–2·6)	2·5 (2·0–3·3)
Unintentional injuries other than transport injuries	111·2 (93·6–126·3)	105·3 (87·9–120·8)	93·9 (77·7–108·4)	86·0 (71·2–98·8)	96·7 (78·5–112·3)	103·9 (86·5–117·7)	295·4 (238·8–331·9)
Falls	26·2 (17·5–34·9)	27·0 (18·6–34·6)	28·1 (18·6–37·1)	29·0 (19·5–38·2)	38·2 (25·6–50·8)	47·9 (33·2–60·3)	169·0 (126·1–199·0)
Drowning	15·3 (11·9–21·8)	14·8 (11·4–19·6)	12·6 (9·9–16·6)	10·8 (8·5–14·1)	10·7 (8·4–14·0)	9·2 (7·2–11·7)	14·0 (10·5–17·6)
Fire, heat and hot substances	14·8 (9·0–23·5)	13·1 (7·9–20·8)	11·8 (7·4–17·9)	10·8 (7·2–15·3)	11·6 (8·0–15·9)	11·2 (8·2–14·8)	21·8 (16·5–26·7)
Poisonings	13·0 (8·4–17·7)	11·5 (7·2–15·2)	8·4 (5·6–11·5)	6·5 (4·3–9·0)	6·1 (4·4–8·2)	5·3 (3·7–7·3)	7·9 (5·6–10·1)
Exposure to mechanical forces	15·3 (9·4–21·5)	13·1 (7·9–18·3)	9·3 (5·8–12·2)	7·2 (4·5–10·1)	6·7 (4·1–9·2)	5·6 (3·7–8·0)	9·2 (5·2–13·8)
Mechanical forces (firearm)	4·2 (2·5–7·9)	3·4 (2·0–6·0)	2·4 (1·4–4·0)	2·1 (1·1–4·1)	1·9 (0·9–3·8)	1·5 (0·8–3·5)	2·0 (1·0–4·9)
Mechanical forces (other)	11·0 (6·7–15·5)	9·7 (5·6–13·6)	6·9 (4·3–9·4)	5·0 (3·0–7·3)	4·8 (2·6–6·9)	4·1 (2·1–6·3)	7·1 (3·3–10·9)
Adverse effects of medical treatment	4·0 (3·0–5·0)	4·8 (3·6–6·0)	5·2 (4·0–6·2)	5·7 (4·3–7·1)	6·3 (4·8–7·6)	7·2 (5·2–8·9)	17·4 (11·8–23·1)
Animal contact	3·4 (2·0–5·7)	3·2 (2·0–4·9)	3·2 (2·0–5·1)	2·6 (1·6–3·9)	2·6 (1·6–3·8)	2·2 (1·4–3·4)	2·8 (1·7–4·4)
Animal contact (venomous)	2·5 (1·1–5·2)	2·2 (1·1–4·3)	2·2 (1·0–4·2)	1·7 (0·9–3·0)	1·6 (0·8–2·8)	1·4 (0·7–2·6)	1·7 (0·8–3·0)
Animal contact (non-venomous)	0·9 (0·5–1·5)	1·0 (0·5–1·6)	1·0 (0·5–1·5)	0·9 (0·4–1·4)	1·0 (0·5–1·6)	0·8 (0·4–1·4)	1·1 (0·5–1·8)
Unintentional injuries not classified elsewhere	19·2 (14·7–24·5)	17·8 (13·7–22·3)	15·4 (11·6–19·8)	13·5 (10·3–17·4)	14·4 (11·1–18·1)	15·3 (11·9–18·5)	53·4 (38·2–62·9)
Self-harm and interpersonal violence	94·3 (74·4–122·7)	81·3 (63·4–115·5)	65·6 (51·6–86·3)	53·6 (40·6–74·5)	51·3 (39·3–67·7)	42·7 (32·6–57·4)	60·0 (48·4–85·0)
Self-harm	71·9 (52·0–98·4)	64·6 (45·4–94·1)	54·7 (39·4–74·6)	46·0 (32·3–65·9)	45·2 (32·5–61·7)	38·2 (27·8–52·3)	52·9 (41·3–77·6)
Interpersonal violence	22·3 (16·5–34·6)	16·7 (12·6–26·8)	10·9 (8·4–17·0)	7·6 (5·7–11·2)	6·1 (4·7–8·7)	4·5 (3·4–6·1)	7·1 (5·4–9·3)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Assault by firearm	8·5 (6·2–12·6)	5·7 (4·1–8·5)	3·6 (2·7–5·6)	2·2 (1·5–3·2)	1·5 (1·0–2·1)	1·0 (0·7–1·3)	1·3 (0·8–1·8)
Assault by sharp object	6·4 (3·9–10·4)	4·8 (2·9–7·8)	3·0 (1·8–4·7)	2·1 (1·2–3·2)	1·7 (0·9–2·5)	1·0 (0·6–1·5)	1·6 (0·9–2·3)
Assault by other means	7·5 (5·5–10·7)	6·2 (4·5–9·3)	4·2 (3·1–5·9)	3·3 (2·5–4·6)	3·0 (2·3–4·0)	2·5 (1·9–3·3)	4·3 (3·1–5·6)
Forces of nature, war, and legal intervention	13·4 (7·9–23·9)	12·2 (7·6–21·2)	9·8 (6·3–15·8)	8·1 (5·3–12·6)	5·1 (3·4–7·5)	2·0 (1·3–2·9)	0·7 (0·4–1·2)
Exposure to forces of nature	12·1 (7·1–21·8)	11·0 (6·7–19·0)	8·6 (5·5–13·8)	7·1 (4·6–10·7)	4·3 (2·9–6·2)	1·6 (1·0–2·3)	0·4 (0·2–0·8)
Collective violence and legal intervention	1·2 (0·8–2·2)	1·2 (0·8–2·1)	1·1 (0·7–2·0)	1·0 (0·6–1·8)	0·7 (0·5–1·4)	0·4 (0·2–0·7)	0·3 (0·2–0·5)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Males, All Ages**	**Males, 0-6 Days**	**Males, 7-27 Days**	**Males, 28-364 Days**	**Males, 1-4 Years**	**Males, 5-9 Years**	**Males, 10-14 Years**
All causes	28,943·8 (27,881·8–29,782·6)	1,264·2 (1,124·0–1,415·3)	374·5 (336·6–413·6)	1,091·4 (977·9–1,227·5)	1,075·1 (936·4–1,244·6)	250·2 (234·0–267·0)	200·0 (185·9–230·6)
Communicable, maternal, neonatal, and nutritional disorders	7,108·8 (6,570·9–7,597·0)	1,165·6 (1,028·3–1,319·0)	329·5 (290·9–368·3)	886·2 (773·6–1,024·2)	779·1 (645·7–951·0)	136·5 (119·1–154·6)	82·0 (71·2–93·9)
HIV/AIDS and tuberculosis	1,592·2 (1,335·5–1,780·0)	–	–	25·0 (20·6–29·9)	64·1 (53·8–76·0)	20·7 (18·1–23·6)	18·4 (16·3–20·6)
Tuberculosis	777·7 (546·2–945·7)	–	–	8·7 (5·9–12·8)	13·3 (9·7–19·3)	4·4 (2·7–6·8)	2·9 (1·9–4·2)
HIV/AIDS	814·5 (739·6–900·4)	–	–	16·2 (13·4–19·3)	50·8 (41·6–61·2)	16·3 (14·3–18·3)	15·5 (13·7–17·4)
HIV disease resulting in mycobacterial infection	138·4 (124·6–154·0)	–	–	3·0 (2·4–3·8)	9·4 (7·5–11·8)	3·1 (2·6–3·6)	3·0 (2·5–3·5)
HIV disease resulting in other specified or unspecified diseases	676·1 (610·2–753·9)	–	–	13·2 (10·3–16·3)	41·4 (33·0–51·2)	13·2 (11·1–15·3)	12·5 (10·8–14·2)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	2,753·3 (2,373·2–3,059·4)	100·7 (75·0–130·8)	107·8 (88·7–128·2)	530·0 (440·1–669·0)	365·1 (299·0–456·7)	74·7 (58·4–92·1)	40·3 (30·0–50·8)
Diarrheal diseases	716·6 (569·5–827·7)	14·3 (8·1–22·4)	27·7 (18·5–38·4)	184·9 (127·1–229·7)	120·2 (82·7–157·8)	22·0 (15·7–30·4)	9·2 (6·2–13·8)
Cholera	30·5 (20·2–43·2)	0·9 (0·4–1·8)	1·7 (0·9–3·1)	11·0 (6·2–18·3)	8·9 (5·3–13·5)	1·2 (0·7–2·0)	0·4 (0·2–0·7)
Other salmonella infections	41·1 (29·9–53·6)	0·6 (0·3–1·0)	1·1 (0·6–1·9)	8·0 (4·7–12·4)	6·2 (4·0–8·9)	1·9 (1·2–2·8)	1·1 (0·7–1·9)
Shigellosis	60·3 (43·4–80·0)	0·9 (0·4–1·6)	1·7 (1·0–2·8)	11·4 (6·9–17·1)	8·8 (5·5–12·9)	2·3 (1·5–3·7)	1·3 (0·7–2·1)
Enteropathogenic E coli infection	45·8 (29·8–63·4)	1·8 (0·8–3·4)	3·5 (2·0–5·6)	23·6 (14·0–35·3)	9·6 (6·0–14·5)	0·9 (0·5–1·4)	0·2 (0·1–0·4)
Enterotoxigenic E coli infection	59·4 (43·2–78·5)	0·8 (0·4–1·5)	1·6 (0·9–2·5)	10·7 (6·7–16·2)	7·3 (4·6–10·4)	1·5 (0·9–2·2)	0·7 (0·4–1·3)
Campylobacter enteritis	55·4 (38·3–73·6)	1·4 (0·7–2·6)	2·8 (1·6–4·6)	19·1 (11·0–27·3)	10·3 (6·3–15·0)	1·4 (0·9–2·2)	0·5 (0·3–0·9)
Amoebiasis	26·6 (19·3–36·4)	0·2 (0·1–0·3)	0·3 (0·2–0·6)	2·1 (1·1–3·6)	2·2 (1·3–3·3)	0·5 (0·3–0·8)	0·3 (0·2–0·5)
Cryptosporidiosis	52·4 (36·4–69·4)	2·0 (1·0–3·4)	3·7 (2·3–5·7)	25·2 (16·3–35·5)	13·3 (8·6–18·7)	1·2 (0·8–1·8)	0·2 (0·1–0·4)
Rotaviral enteritis	120·3 (84·5–153·4)	3·5 (1·8–6·2)	6·7 (4·1–10·2)	45·0 (28·4–62·5)	31·1 (19·1–44·3)	3·6 (2·4–5·7)	0·9 (0·6–1·6)
Other diarrheal diseases	224·9 (141·4–328·2)	2·2 (0·9–4·5)	4·4 (1·9–8·2)	28·8 (14·1–50·3)	22·6 (10·8–40·2)	7·5 (4·0–12·4)	3·5 (1·8–6·1)
Typhoid and paratyphoid fevers	109·7 (13·8–207·1)	–	–	5·2 (0·7–10·0)	17·6 (2·1–34·9)	14·1 (1·9–26·4)	10·3 (1·3–19·3)
Lower respiratory infections	1,480·2 (1,238·5–1,658·5)	63·8 (45·5–90·5)	48·7 (36·7–63·4)	225·0 (178·4–277·7)	135·6 (107·9–185·9)	18·0 (14·1–24·7)	10·2 (7·8–13·8)
Influenza	263·5 (218·5–298·7)	8·9 (5·7–13·3)	6·8 (4·6–9·6)	31·9 (23·2–41·4)	19·3 (14·6–27·1)	3·0 (2·2–4·1)	1·9 (1·4–2·7)
Pneumococcal pneumonia	377·4 (309·6–428·5)	9·7 (6·4–14·4)	7·4 (5·1–10·3)	34·6 (25·6–46·8)	33·1 (26·1–46·0)	3·6 (2·8–5·0)	1·6 (1·2–2·2)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
H influenzae type B pneumonia	206·5 (170·3–239·4)	14·0 (9·2–21·4)	10·7 (7·4–14·9)	49·6 (36·9–65·6)	28·9 (22·2–40·4)	3·5 (2·7–5·0)	1·8 (1·4–2·6)
Respiratory syncytial virus pneumonia	133·3 (104·8–168·9)	20·5 (13·8–30·5)	15·7 (11·3–21·5)	71·0 (53·5–92·4)	16·0 (12·0–21·8)	0·2 (0·1–0·2)	0·1 (0·1–0·1)
Other lower respiratory infections	499·4 (408·2–571·2)	10·6 (6·4–16·8)	8·1 (5·0–12·2)	37·9 (25·3–54·2)	38·2 (29·0–53·4)	7·8 (6·1–10·7)	4·8 (3·6–6·5)
Upper respiratory infections	1·6 (1·3–1·8)	0·1 (0·1–0·1)	0·1 (0·0–0·1)	0·3 (0·2–0·3)	0·2 (0·1–0·2)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Otitis media	1·8 (0·0–20·3)	<0·05 (0·0–0·2)	0·1 (0·0–0·8)	0·9 (0·0–11·0)	0·2 (0·0–1·8)	<0·05 (0·0–0·4)	<0·05 (0·0–0·3)
Meningitis	232·5 (181·3–270·3)	10·9 (6·3–16·9)	16·3 (10·6–23·1)	48·5 (35·5–66·1)	36·9 (27·7–53·8)	9·8 (6·8–13·8)	5·9 (4·3–8·2)
Pneumococcal meningitis	65·5 (50·7–76·2)	2·1 (1·2–3·6)	3·2 (2·0–4·8)	9·2 (6·3–13·3)	10·3 (7·6–15·0)	3·2 (2·2–4·6)	2·0 (1·5–2·9)
H influenzae type B meningitis	45·0 (36·0–55·4)	2·9 (1·7–4·6)	4·4 (2·8–6·4)	12·9 (9·1–18·2)	12·1 (8·9–17·5)	3·1 (2·1–4·5)	1·4 (1·0–2·1)
Meningococcal infection	41·7 (32·2–49·3)	1·5 (0·7–2·9)	2·3 (1·3–3·8)	6·2 (3·9–9·4)	8·3 (6·0–12·4)	2·2 (1·6–3·1)	1·3 (1·0–1·8)
Other meningitis	80·3 (61·9–94·2)	4·3 (2·6–6·6)	6·4 (4·2–8·9)	20·2 (14·8–27·7)	6·3 (4·8–9·0)	1·3 (0·9–1·9)	1·1 (0·8–1·6)
Encephalitis	65·7 (49·3–79·7)	2·2 (1·3–3·9)	3·7 (2·1–6·3)	9·1 (5·7–14·1)	7·0 (4·6–10·9)	3·5 (1·8–6·0)	2·5 (1·4–4·1)
Diphtheria	1·6 (0·0–13·5)	–	–	0·4 (0·0–3·0)	0·8 (0·0–7·5)	0·2 (0·0–1·5)	0·1 (0·0–0·4)
Whooping cough	42·3 (0·1–206·6)	–	–	34·1 (0·1–165·0)	6·8 (0·0–34·7)	0·4 (0·0–2·0)	0·1 (0·0–0·5)
Tetanus	32·8 (13·0–69·8)	9·5 (3·1–21·0)	11·2 (4·4–21·3)	3·7 (1·3–8·0)	0·4 (0·0–1·8)	0·5 (0·0–2·1)	0·3 (0·0–1·6)
Measles	65·2 (21·0–157·2)	–	–	17·3 (5·9–40·3)	38·5 (12·1–95·7)	6·0 (2·0–13·8)	1·6 (0·5–3·8)
Varicella	3·3 (0·0–22·7)	0·1 (0·0–0·3)	0·1 (0·0–0·6)	0·7 (0·0–4·9)	0·7 (0·0–5·0)	0·2 (0·0–1·1)	0·1 (0·0–0·5)
Neglected tropical diseases and malaria	727·9 (531·3–1,016·7)	0·2 (0·1–0·5)	15·9 (7·6–29·9)	133·3 (70·8–225·7)	237·2 (131·7–392·0)	25·2 (17·8–33·6)	14·4 (10·6–18·7)
Malaria	637·1 (444·5–924·3)	–	15·4 (7·3–29·4)	128·5 (65·9–221·2)	224·4 (119·2–382·8)	18·2 (11·0–26·1)	9·4 (6·0–13·6)
Chagas disease	6·9 (2·1–23·6)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Leishmaniasis	35·9 (21·7–55·5)	–	0·2 (0·1–0·4)	2·8 (1·3–5·2)	7·1 (3·6–12·8)	3·5 (1·9–6·0)	2·7 (1·6–4·5)
African trypanosomiasis	5·0 (0·6–15·9)	–	–	–	0·4 (0·0–1·3)	0·4 (0·0–1·2)	0·4 (0·0–1·3)
Schistosomiasis	5·1 (0·0–30·2)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Cysticercosis	0·6 (0·0–2·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)

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Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Echinococcosis	0·5 (0·0–2·1)	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Dengue	7·0 (2·2–12·7)	–	–	0·6 (0·1–1·6)	1·2 (0·2–2·9)	0·6 (0·2–1·1)	0·4 (0·1–1·0)
Rabies	15·2 (7·3–26·9)	–	–	0·4 (0·1–1·0)	2·1 (0·7–5·3)	1·9 (0·8–4·0)	1·1 (0·5–2·4)
Intestinal nematode infections	1·5 (0·0–7·2)	–	–	0·2 (0·0–0·7)	0·9 (0·0–4·4)	0·2 (0·0–0·9)	<0·05 (0·0–0·2)
Ascariasis	1·5 (0·0–7·2)	–	–	0·2 (0·0–0·7)	0·9 (0·0–4·4)	0·2 (0·0–0·9)	<0·05 (0·0–0·2)
Other neglected tropical diseases	13·1 (8·1–19·7)	0·2 (0·1–0·5)	0·3 (0·1–0·5)	0·9 (0·4–1·9)	1·1 (0·5–2·4)	0·4 (0·2–0·9)	0·3 (0·1–0·6)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	1.299·7 (1,131·5–1,488·1)	1.030·6 (892·4–1,190·1)	191·6 (155·2–231·1)	73·5 (55·1–97·0)	4·1 (2·7–6·3)	–	–
Preterm birth complications	492·0 (398·1–598·0)	405·0 (320·3–496·1)	59·7 (43·7–76·8)	26·7 (18·2–39·1)	0·6 (0·4–1·0)	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	304·9 (220·0–385·8)	259·2 (183·4–335·1)	32·2 (21·2–45·4)	11·8 (7·1–18·0)	1·8 (0·8–3·4)	–	–
Sepsis and other infectious disorders of the newborn baby	298·8 (149·9–523·5)	222·8 (110·1–386·1)	59·5 (28·4–110·6)	15·9 (6·7–36·3)	0·6 (0·2–1·4)	–	–
Other neonatal disorders	204·0 (154·6–271·5)	143·6 (102·8–205·2)	40·2 (29·1–56·9)	19·0 (12·6–27·9)	1·2 (0·6–2·1)	–	–
Nutritional deficiencies	329·8 (260·2–394·3)	–	–	72·5 (51·7–101·2)	79·2 (57·1–110·3)	6·9 (4·8–10·2)	3·6 (2·5–5·6)
Protein-energy malnutrition	290·5 (208·8–360·8)	–	–	69·6 (48·5–99·0)	74·6 (51·3–108·1)	6·1 (4·1–9·1)	3·0 (1·9–4·8)
Iodine deficiency	1·6 (1·0–1·8)	–	–	0·1 (0·1–0·1)	0·1 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Iron-deficiency anemia	32·3 (21·9–37·4)	–	–	2·6 (1·8–3·9)	4·5 (3·0–6·9)	0·7 (0·5–1·1)	0·6 (0·4–0·8)
Other nutritional deficiencies	5·4 (3·3–6·1)	–	–	0·3 (0·2–0·3)	0·2 (0·1–0·2)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Other communicable, maternal, neonatal, and nutritional disorders	405·8 (335·7–473·4)	34·0 (22·5–50·0)	14·3 (10·3–20·0)	51·9 (38·5–70·4)	29·3 (21·6–41·4)	9·1 (6·6–13·1)	5·3 (3·5–8·1)
Sexually transmitted diseases excluding HIV	59·5 (35·7–95·2)	25·0 (14·5–40·7)	6·0 (3·4–9·9)	19·4 (11·2–31·6)	4·2 (2·4–6·9)	1·1 (0·6–1·7)	0·1 (0·0–0·2)
Syphilis	59·5 (35·4–94·5)	25·0 (14·4–40·5)	6·0 (3·4–9·8)	19·4 (11·0–31·9)	4·2 (2·4–6·9)	1·1 (0·6–1·7)	0·1 (0·0–0·2)
Sexually transmitted chlamydial diseases	–	–	–	–	–	–	–
Gonococcal infection	–	–	–	–	–	–	–
Other sexually transmitted diseases	–	–	–	–	–	–	–
Hepatitis	177·6 (150·5–215·5)	–	–	8·7 (4·4–19·1)	8·0 (4·1–17·2)	3·4 (1·9–6·9)	2·9 (1·5–5·5)
Acute hepatitis A	58·4 (18·7–156·2)	–	–	5·6 (1·6–15·2)	2·8 (0·5–8·7)	0·6 (0·2–1·4)	0·6 (0·2–1·9)
Acute hepatitis B	86·1 (49·1–117·2)	–	–	3·0 (1·1–7·3)	1·1 (0·3–2·2)	0·4 (0·1–0·7)	0·2 (0·1–0·4)
Acute hepatitis C	8·7 (5·7–13·3)	–	–	–	–	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)
Acute hepatitis E	24·4 (9·2–52·9)	–	–	–	4·1 (1·1–10·4)	2·4 (0·9–5·8)	2·1 (0·7–4·6)
Other infectious diseases	168·6 (107·2–210·6)	9·0 (4·9–14·1)	8·3 (5·2–12·4)	23·8 (15·5–35·4)	17·1 (11·8–24·6)	4·6 (2·9–7·1)	2·3 (1·5–3·6)
Non-communicable diseases	18,376·3 (17,737·9–18,866·9)	90·4 (65·6–116·7)	37·8 (28·9–46·2)	149·4 (122·0–170·5)	136·8 (116·5–165·3)	50·3 (43·5–58·0)	46·3 (41·4–52·0)
Neoplasms	4,558·8 (4,106·9–4,911·0)	0·5 (0·3–0·8)	0·3 (0·2–0·5)	4·8 (3·4–6·5)	12·0 (8·1–15·7)	12·8 (9·7–15·3)	12·5 (9·5–14·9)
Esophageal cancer	282·3 (197·6–346·8)	–	–	–	–	–	–
Stomach cancer	475·8 (292·0–651·7)	–	–	–	–	–	–
Liver cancer	520·2 (421·9–633·0)	–	–	–	–	0·5 (0·3–0·8)	0·5 (0·3–0·8)
Liver cancer secondary to hepatitis B	257·2 (208·7–315·0)	–	–	–	–	0·1 (0·1–0·3)	0·2 (0·1–0·4)
Liver cancer secondary to hepatitis C	118·6 (93·3–139·7)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Liver cancer secondary to alcohol use	101·0 (81·2–120·8)	–	–	–	–	–	–
Other liver cancer	43·3 (36·0–53·8)	–	–	–	–	0·3 (0·2–0·6)	0·3 (0·2–0·5)
Larynx cancer	85·3 (40·0–146·9)	–	–	–	–	–	–
Trachea, bronchus and lung cancers	1,070·2 (717·2–1,302·6)	–	–	–	–	–	–

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Breast cancer	–	–	–	–	–	–	–
Cervical cancer	–	–	–	–	–	–	–
Uterine cancer	–	–	–	–	–	–	–
Prostate cancer	256·0 (141·1–404·4)	–	–	–	–	–	–
Colon and rectum cancers	374·7 (331·4–430·8)	–	–	–	–	–	–
Mouth cancer	79·0 (62·9–85·5)	–	–	–	–	–	–
Nasopharynx cancer	45·6 (25·6–63·3)	–	–	–	–	0·1 (0·1–0·2)	0·2 (0·1–0·4)
Cancer of other part of pharynx and oropharynx	76·9 (42·0–105·9)	–	–	–	–	–	–
Gallbladder and biliary tract cancer	62·8 (35·2–82·5)	–	–	–	–	–	–
Pancreatic cancer	167·1 (113·3–221·2)	–	–	–	–	–	–
Malignant melanoma of skin	28·3 (13·6–46·5)	–	–	–	–	–	–
Non-melanoma skin cancer	17·4 (7·8–29·1)	–	–	–	–	–	–
Ovarian cancer	–	–	–	–	–	–	–
Testicular cancer	7·7 (4·8–10·0)	–	–	–	–	–	–
Kidney and other urinary organ cancers	101·3 (69·3–150·0)	–	–	0·2 (0·1–0·4)	0·8 (0·4–1·2)	0·5 (0·2–0·8)	0·2 (0·1–0·6)
Bladder cancer	125·7 (85·9–155·4)	–	–	–	–	–	–
Brain and nervous system cancers	108·5 (47·4–147·0)	–	–	–	1·6 (0·4–3·7)	2·0 (0·8–2·9)	1·6 (0·7–2·4)
Thyroid cancer	13·8 (8·5–18·1)	–	–	–	–	–	0·1 (0·0–0·2)
Hodgkin's disease	10·2 (5·4–16·3)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·3 (0·1–0·5)	0·2 (0·1–0·4)
Non-Hodgkin's lymphoma	122·4 (92·3–133·3)	–	–	0·3 (0·2–0·4)	1·7 (1·1–2·8)	2·3 (1·3–3·7)	2·0 (1·3–3·2)
Multiple myeloma	40·5 (21·4–65·3)	–	–	–	–	–	–
Leukemia	160·6 (109·0–188·1)	–	–	1·8 (1·2–2·7)	4·6 (3·0–6·1)	4·8 (3·5–6·2)	4·7 (3·4–6·1)
Other neoplasms	326·7 (200·1–437·9)	0·5 (0·3–0·7)	0·3 (0·2–0·5)	2·4 (1·3–4·0)	3·1 (1·5–5·4)	2·4 (1·3–3·5)	2·9 (1·6–4·6)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Cardiovascular and circulatory diseases	7,940·0 (7,716·3–8,119·3)	5·5 (4·3–7·1)	3·5 (2·7–4·5)	17·9 (14·9–22·2)	15·3 (12·6–18·8)	6·2 (5·1–7·7)	7·3 (6·2–9·0)
Rheumatic heart disease	153·7 (123·5–174·2)	–	–	–	0·9 (0·6–1·3)	0·6 (0·4–0·8)	1·0 (0·7–1·5)
Ischemic heart disease	3,739·2 (3,366·3–3,993·3)	–	–	3·6 (1·8–5·9)	3·4 (1·7–5·1)	1·6 (0·8–2·6)	1·9 (1·2–3·1)
Cerebrovascular disease	2,868·6 (2,472·9–3,160·6)	2·2 (1·3–3·2)	1·4 (0·8–2·2)	5·0 (2·9–8·0)	4·0 (2·5–5·8)	1·9 (1·3–2·8)	2·2 (1·5–3·0)
Ischemic stroke	1,255·0 (1,122·0–1,603·9)	–	–	1·1 (0·6–1·6)	0·8 (0·5–1·0)	0·3 (0·2–0·4)	0·3 (0·2–0·4)
Hemorrhagic and other non-ischemic stroke	1,613·6 (1,286·9–1,993·7)	2·2 (1·3–3·6)	1·4 (0·8–2·6)	4·0 (2·1–7·0)	3·2 (1·8–5·2)	1·6 (1·0–2·6)	1·9 (1·2–2·8)
Hypertensive heart disease	393·0 (328·1–471·7)	–	–	0·5 (0·3–0·7)	0·5 (0·3–0·7)	0·2 (0·1–0·3)	0·2 (0·2–0·3)
Cardiomyopathy and myocarditis	243·2 (203·6–280·8)	1·8 (0·8–3·2)	1·3 (0·6–2·1)	4·0 (2·0–6·2)	3·7 (1·3–6·3)	1·0 (0·6–1·6)	1·0 (0·7–1·6)
Atrial fibrillation and flutter	43·0 (27·9–66·2)	–	–	–	–	–	–
Aortic aneurysm	118·2 (78·5–174·0)	–	–	–	–	–	–
Peripheral vascular disease	19·1 (8·1–36·4)	–	–	–	–	–	–
Endocarditis	26·6 (20·3–32·2)	0·2 (0·1–0·3)	0·2 (0·1–0·2)	1·0 (0·7–1·4)	0·7 (0·5–1·0)	0·2 (0·1–0·3)	0·2 (0·1–0·2)
Other cardiovascular and circulatory diseases	335·4 (321·6–350·4)	1·3 (0·9–1·9)	0·7 (0·5–1·0)	3·7 (2·6–5·4)	2·2 (1·3–3·6)	0·7 (0·6–1·0)	0·7 (0·6–0·9)
Chronic respiratory diseases	2,175·0 (2,069·1–2,308·8)	2·9 (1·9–4·5)	2·6 (1·8–4·1)	19·4 (14·6–27·3)	17·0 (13·8–21·5)	3·2 (2·3–4·5)	3·0 (2·3–4·2)
Chronic obstructive pulmonary disease	1,656·3 (1,438·3–1,983·7)	–	–	8·5 (4·6–15·0)	4·5 (3·1–6·4)	0·9 (0·6–1·3)	0·8 (0·5–1·3)
Pneumoconiosis	86·6 (45·5–152·5)	–	–	–	0·5 (0·1–1·1)	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Asthma	198·4 (144·1–355·1)	–	–	–	5·8 (1·9–14·5)	1·3 (0·5–3·1)	1·4 (0·6–3·0)
Other interstitial lung disease	73·4 (46·1–109·7)	–	–	–	0·5 (0·1–1·3)	0·1 (0·0–0·3)	0·1 (0·0–0·2)
Other chronic respiratory diseases	160·2 (114·4–210·0)	2·9 (1·6–4·8)	2·6 (1·4–4·5)	10·9 (5·7–18·1)	5·7 (2·5–8·7)	0·8 (0·4–1·3)	0·7 (0·4–1·2)
Cirrhosis of the liver	692·9 (543·1–825·8)	–	–	–	6·9 (4·0–11·5)	1·4 (0·9–2·0)	1·3 (0·9–2·0)
Cirrhosis of the liver secondary to hepatitis B	207·4 (167·3–271·7)	–	–	–	0·5 (0·3–0·8)	0·3 (0·2–0·4)	0·3 (0·2–0·6)
Cirrhosis of the liver secondary to hepatitis C	160·5 (123·6–199·6)	–	–	–	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·2 (0·1–0·3)
Cirrhosis of the liver secondary to alcohol use	233·4 (176·4–288·4)	–	–	–	–	–	–

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Other cirrhosis of the liver	91·5 (71·3–115·7)	–	–	–	6·2 (4·0–10·9)	1·0 (0·7–1·6)	0·8 (0·6–1·3)
Digestive diseases (except cirrhosis)	576·0 (467·7–666·6)	–	–	–	18·1 (13·9–23·7)	3·0 (2·4–3·8)	2·5 (2·0–3·2)
Peptic ulcer disease	140·9 (114·1–167·3)	–	–	–	1·6 (0·7–3·8)	0·5 (0·3–0·8)	0·5 (0·3–0·8)
Gastritis and duodenitis	7·6 (5·1–10·6)	–	–	–	0·2 (0·1–0·3)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)
Appendicitis	18·8 (8·7–28·8)	–	–	–	3·0 (0·8–6·6)	0·5 (0·2–1·0)	0·3 (0·2–0·7)
Paralytic ileus and intestinal obstruction without hernia	77·1 (50·2–118·5)	–	–	–	4·8 (2·0–11·1)	0·7 (0·4–1·2)	0·5 (0·3–0·9)
Inguinal or femoral hernia	8·7 (8·4–8·8)	–	–	–	0·3 (0·3–0·4)	0·1 (0·0–0·1)	<0·05 (0·0–0·05)
Noninfective inflammatory bowel disease	15·3 (10·6–18·1)	–	–	–	1·8 (0·5–3·9)	0·2 (0·1–0·3)	0·1 (0·1–0·2)
Vascular disorders of intestine	34·6 (8·1–102·3)	–	–	–	0·1 (0·0–0·4)	<0·05 (0·0–0·1)	0·1 (0·0–0·2)
Gall bladder and bile duct disease	38·9 (27·0–48·1)	–	–	–	0·9 (0·3–2·1)	0·2 (0·1–0·3)	0·1 (0·1–0·2)
Pancreatitis	47·2 (32·3–63·8)	–	–	–	0·4 (0·1–1·0)	0·1 (0·1–0·2)	0·1 (0·1–0·1)
Other digestive diseases	186·9 (154·9–252·7)	–	–	–	5·1 (2·8–8·9)	0·8 (0·5–1·2)	0·7 (0·4–1·2)
Neurological disorders	559·1 (434·3–680·5)	–	–	10·9 (6·9–18·1)	16·4 (9·0–34·7)	7·4 (5·1–11·2)	7·6 (5·1–11·7)
Alzheimer's disease and other dementias	171·4 (102·4–221·3)	–	–	–	–	0·5 (0·2–0·8)	0·3 (0·2–0·5)
Parkinson's disease	60·6 (37·4–85·0)	–	–	–	–	–	–
Epilepsy	99·0 (65·4–131·1)	–	–	3·8 (1·9–7·6)	9·6 (3·8–27·5)	3·3 (1·8–5·8)	2·9 (1·8–4·1)
Multiple sclerosis	7·6 (5·7–9·3)	–	–	–	–	–	–
Other neurological disorders	220·5 (148·1–373·3)	–	–	7·1 (4·3–13·4)	6·7 (3·9–12·7)	3·6 (2·1–6·8)	4·4 (2·4–8·4)
Mental and behavioral disorders	169·0 (116·3–264·7)	0·2 (0·1–0·4)	0·2 (0·1–0·5)	1·0 (0·4–2·5)	1·5 (0·7–2·5)	0·5 (0·3–0·9)	0·4 (0·2–0·7)
Schizophrenia	11·1 (8·8–13·9)	–	–	–	–	–	–
Alcohol use disorders	90·5 (44·4–167·1)	–	–	–	–	–	–
Drug use disorders	55·2 (29·2–95·2)	0·2 (0·1–0·4)	0·2 (0·1–0·5)	1·0 (0·4–2·5)	1·2 (0·5–2·2)	0·3 (0·2–0·7)	0·3 (0·1–0·6)
Opioid use disorders	31·0 (16·5–52·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·5 (0·2–1·3)	0·6 (0·3–1·1)	0·2 (0·1–0·4)	0·1 (0·1–0·3)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Cocaine use disorders	0·4 (0·1–0·4)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Amphetamine use disorders	0·3 (0·1–0·3)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	23·5 (12·6–41·7)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·5 (0·2–1·2)	0·6 (0·2–1·0)	0·2 (0·1–0·3)	0·1 (0·1–0·3)
Eating disorders	3·0 (1·5–4·4)	–	–	–	–	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Other mental and behavioral disorders	9·2 (4·6–13·3)	–	–	–	0·3 (0·1–0·5)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Diabetes, urogenital, blood, and endocrine diseases	1,311·3 (1,125·6–1,512·8)	3·4 (2·2–4·8)	2·5 (1·6–3·6)	21·4 (15·1–31·2)	21·8 (13·7–38·2)	8·5 (5·8–14·7)	6·9 (5·1–10·3)
Diabetes mellitus	592·9 (436·8–640·4)	0·4 (0·3–0·6)	0·2 (0·1–0·3)	2·1 (1·1–3·6)	1·6 (1·0–2·4)	0·6 (0·4–0·9)	0·7 (0·4–1·0)
Acute glomerulonephritis	58·6 (23·3–152·9)	–	–	3·1 (0·8–8·3)	4·8 (0·9–14·9)	2·6 (0·6–8·3)	1·2 (0·3–4·0)
Chronic kidney diseases	378·3 (314·8–413·6)	–	–	3·6 (2·1–5·9)	3·7 (2·6–5·5)	1·5 (1·0–2·5)	1·7 (1·1–2·8)
Chronic kidney disease due to diabetes mellitus	86·2 (71·6–95·7)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Chronic kidney disease due to hypertension	93·8 (77·4–103·1)	–	–	0·5 (0·3–0·8)	0·5 (0·3–0·7)	0·2 (0·1–0·4)	0·3 (0·2–0·5)
Chronic kidney disease unspecified	198·2 (164·2–217·9)	–	–	3·2 (1·8–5·2)	3·2 (2·3–4·7)	1·3 (0·8–2·1)	1·5 (0·9–2·4)
Urinary diseases and male infertility	128·4 (77·2–192·7)	0·4 (0·2–0·7)	0·5 (0·2–0·8)	3·1 (1·4–5·5)	2·1 (0·9–3·8)	0·4 (0·2–0·7)	0·3 (0·2–0·5)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	74·1 (42·4–105·1)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	1·2 (0·5–2·3)	0·9 (0·4–1·4)	0·2 (0·1–0·2)	0·2 (0·1–0·2)
Urolithiasis	10·5 (5·1–15·6)	–	–	–	–	0·1 (0·0–0·1)	<0·05 (0·0–0·1)
Other urinary diseases	43·8 (23·8–69·3)	0·3 (0·1–0·6)	0·3 (0·1–0·6)	1·8 (0·5–4·0)	1·3 (0·4–2·6)	0·2 (0·1–0·4)	0·1 (0·1–0·2)
Gynecological diseases	–	–	–	–	–	–	–
Uterine fibroids	–	–	–	–	–	–	–
Endometriosis	–	–	–	–	–	–	–
Genital prolapse	–	–	–	–	–	–	–
Other gynecological diseases	–	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	48·0 (33·8–68·1)	1·3 (0·7–2·3)	0·8 (0·4–1·2)	3·7 (2·1–6·0)	5·4 (2·1–11·5)	1·9 (1·1–3·2)	1·7 (1·1–2·9)
Thalassemias	8·8 (7·0–11·0)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·3 (0·2–0·5)	0·8 (0·5–1·3)	0·6 (0·4–1·0)	0·7 (0·4–1·1)

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Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Sickle cell disorders	11·1 (6·5–22·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	1·7 (0·8–3·2)	3·1 (1·2–7·6)	0·9 (0·5–2·0)	0·6 (0·3–1·1)
G6PD deficiency	2·3 (1·9–2·8)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·0–0·1)	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Other hemoglobinopathies and hemolytic anemias	25·7 (15·3–37·5)	1·2 (0·6–2·1)	0·5 (0·3–0·9)	1·7 (0·9–3·0)	1·3 (0·3–3·6)	0·3 (0·1–0·8)	0·3 (0·1–0·8)
Other endocrine, nutritional, blood, and immune disorders	105·3 (54·9–223·4)	1·2 (0·6–2·8)	1·0 (0·4–1·9)	5·8 (2·6–12·3)	4·2 (1·7–9·4)	1·5 (0·6–2·5)	1·2 (0·5–2·1)
Musculoskeletal disorders	54·8 (32·6–94·4)	–	–	–	–	0·4 (0·2–0·6)	0·4 (0·2–0·7)
Rheumatoid arthritis	18·1 (10·9–27·5)	–	–	–	–	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Other musculoskeletal disorders	36·8 (20·5–62·1)	–	–	–	–	0·2 (0·1–0·4)	0·3 (0·2–0·5)
Other non-communicable diseases	339·2 (251·0–396·2)	78·0 (51·9–103·9)	28·7 (19·7–36·4)	74·0 (50·6–91·5)	27·8 (20·2–38·1)	7·0 (5·0–9·9)	4·4 (3·2–6·0)
Congenital anomalies	274·0 (187·8–332·2)	78·0 (51·9–103·9)	25·5 (17·8–33·9)	61·5 (38·1–79·8)	25·5 (18·6–35·7)	6·6 (4·5–9·4)	4·0 (2·8–5·6)
Neural tube defects	37·3 (19·6–57·5)	20·1 (9·9–34·4)	3·7 (1·7–6·6)	5·7 (2·9–11·0)	2·4 (1·0–4·9)	0·8 (0·3–1·7)	0·4 (0·2–0·9)
Congenital heart anomalies	118·6 (105·7–132·5)	26·7 (21·7–33·6)	11·7 (9·4–15·2)	26·9 (20·3–36·2)	11·8 (8·6–17·5)	3·1 (2·2–4·5)	2·1 (1·5–3·0)
Cleft lip and cleft palate	2·7 (1·3–4·2)	0·9 (0·4–1·6)	0·5 (0·2–0·9)	1·0 (0·4–1·7)	0·3 (0·1–0·7)	–	–
Down's syndrome	8·3 (5·2–13·2)	1·1 (0·5–2·2)	0·5 (0·2–0·9)	1·7 (0·8–3·4)	1·1 (0·4–2·7)	0·2 (0·1–0·4)	0·2 (0·1–0·3)
Other chromosomal abnormalities	8·7 (4·2–17·2)	3·5 (1·5–8·2)	1·3 (0·6–2·9)	1·8 (0·8–4·0)	0·5 (0·2–1·4)	0·2 (0·1–0·4)	0·1 (0·1–0·2)
Other congenital anomalies	98·3 (63·2–125·9)	25·6 (13·9–41·1)	7·8 (4·2–12·4)	24·4 (12·9–38·0)	9·4 (4·3–16·5)	2·3 (1·2–3·8)	1·2 (0·7–2·0)
Skin and subcutaneous diseases	53·2 (34·8–62·5)	–	–	3·6 (2·4–5·2)	2·3 (0·9–3·4)	0·4 (0·3–0·6)	0·3 (0·2–0·5)
Cellulitis	13·9 (9·2–16·3)	–	–	0·7 (0·5–1·0)	0·7 (0·3–1·1)	0·2 (0·1–0·2)	0·1 (0·1–0·2)
Abscess, impetigo, and other bacterial skin diseases	20·6 (14·0–23·9)	–	–	2·9 (1·9–4·1)	1·5 (0·6–2·2)	0·2 (0·2–0·3)	0·2 (0·1–0·2)
Decubitus ulcer	18·5 (12·0–22·2)	–	–	–	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other skin and subcutaneous diseases	0·2* (0·0–0·1)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	12·1 (6·4–21·6)	–	3·1 (1·0–7·0)	8·9 (5·1–16·7)	–	–	–
Injuries	3,458·8 (3,028·5–3,909·6)	8·2 (6·7–10·2)	7·3 (6·0–9·1)	55·8 (46·8–66·0)	159·2 (135·2–190·1)	63·4 (54·0–77·2)	71·6 (58·5–102·2)
Transport injuries	1,049·5 (761·5–1,464·8)	0·6 (0·4–1·0)	0·5 (0·3–0·8)	6·4 (3·9–10·1)	37·8 (26·7–58·9)	21·1 (15·2–30·3)	18·4 (13·6–27·1)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Road injury	997·1 (726·1–1,418·4)	0·5 (0·3–0·9)	0·4 (0·2–0·6)	6·0 (3·2–10·2)	35·3 (24·5–53·5)	20·0 (14·1–28·6)	17·4 (12·4–24·8)
Pedestrian injury by road vehicle	350·0 (241·3–506·5)	0·1 (0·1–0·4)	0·1 (0·0–0·2)	1·7 (0·7–3·9)	19·1 (9·4–37·4)	8·8 (6·0–14·3)	6·6 (4·4–10·9)
Pedal cycle vehicle	64·6 (45·8–78·8)	–	–	–	1·4 (0·7–2·4)	1·7 (1·0–2·5)	2·0 (1·3–3·3)
Motorized vehicle with two wheels	174·5 (130·5–202·0)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·4 (0·3–0·7)	2·4 (1·4–3·3)	2·0 (1·2–3·2)	2·1 (1·4–3·2)
Motorized vehicle with three or more wheels	344·3 (253·0–445·4)	0·2 (0·1–0·5)	0·2 (0·1–0·5)	3·2 (1·6–6·3)	10·1 (5·6–17·4)	5·9 (4·1–8·4)	5·2 (3·5–6·8)
Road injury other	63·7 (26·9–146·8)	0·1 (0·0–0·2)	<0·05 (0·0–0·1)	0·7 (0·2–1·8)	2·4 (0·5–7·2)	1·6 (0·6–3·8)	1·4 (0·5–3·7)
Other transport injury	52·4 (43·9–66·8)	0·1 (0·1–0·2)	0·1 (0·1–0·3)	0·5 (0·3–0·8)	2·5 (0·8–4·0)	1·1 (0·7–1·6)	1·1 (0·8–1·6)
Unintentional injuries other than transport injuries	1,321·9 (1,140·7–1,420·4)	5·4 (4·2–7·4)	5·0 (3·9–7·0)	43·2 (35·0–52·8)	111·7 (91·1–134·6)	38·3 (32·3–46·0)	31·8 (27·1–37·9)
Falls	318·7 (217·3–369·1)	0·5 (0·3–0·8)	0·5 (0·3–0·8)	5·9 (3·5–9·6)	13·6 (9·1–20·1)	4·9 (2·9–8·2)	4·4 (2·7–7·8)
Drowning	246·0 (203·5–324·9)	0·4 (0·3–0·7)	0·2 (0·1–0·2)	3·5 (2·4–5·4)	40·7 (28·9–60·4)	15·5 (12·0–22·6)	12·6 (10·0–17·7)
Fire, heat and hot substances	160·3 (102·5–202·8)	0·4 (0·2–0·7)	0·6 (0·4–1·0)	7·2 (4·1–12·0)	27·6 (16·7–38·5)	5·8 (3·3–10·2)	2·9 (1·6–5·0)
Poisonings	118·4 (71·8–172·3)	0·4 (0·2–0·7)	0·4 (0·3–0·8)	2·2 (1·3–3·7)	7·1 (4·7–12·6)	1·7 (1·1–3·1)	1·7 (1·1–2·8)
Exposure to mechanical forces	156·0 (98·1–192·0)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	1·6 (0·8–2·5)	6·4 (3·9–11·0)	3·4 (2·3–6·1)	3·5 (2·2–5·4)
Mechanical forces (firearm)	54·1 (31·4–69·9)	0·1 (0·1–0·2)	0·1 (0·0–0·1)	0·6 (0·4–1·3)	2·2 (0·9–4·9)	1·4 (0·7–2·6)	1·7 (0·9–3·1)
Mechanical forces (other)	101·8 (58·4–124·0)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	1·0 (0·5–1·7)	4·2 (2·0–7·5)	2·0 (1·1–3·7)	1·8 (0·9–3·4)
Adverse effects of medical treatment	47·8 (44·3–51·4)	0·8 (0·6–1·1)	0·6 (0·5–0·9)	2·9 (2·2–3·9)	2·4 (1·3–3·8)	0·6 (0·5–0·9)	0·6 (0·4–1·0)
Animal contact	36·9 (19·9–54·3)	0·6 (0·2–2·1)	0·4 (0·2–1·0)	1·6 (0·6–4·1)	2·9 (1·2–6·6)	2·6 (1·1–5·0)	2·0 (0·9–4·2)
Animal contact (venomous)	28·1 (11·3–60·4)	0·3 (0·1–1·0)	0·3 (0·1–0·7)	1·3 (0·3–3·7)	2·3 (0·8–7·0)	2·1 (0·7–5·0)	1·6 (0·5–3·8)
Animal contact (non-venomous)	8·9 (5·0–12·5)	0·3 (0·1–1·0)	0·2 (0·1–0·4)	0·3 (0·1–0·5)	0·6 (0·3–1·2)	0·4 (0·2–0·8)	0·4 (0·2–0·7)
Unintentional injuries not classified elsewhere	237·8 (208·3–263·9)	2·1 (1·4–3·8)	2·2 (1·4–3·9)	18·3 (13·5–26·5)	10·9 (8·2–15·8)	3·9 (2·8–5·8)	4·2 (2·9–6·1)
Self-harm and interpersonal violence	947·5 (767·3–1,194·8)	1·3 (0·7–2·0)	0·5 (0·2–0·9)	2·5 (1·3–3·6)	5·6 (3·1–8·5)	2·6 (1·7–3·5)	8·8 (6·1–12·2)
Self-harm	579·1 (411·7–775·4)	–	–	–	–	0·5 (0·4–0·8)	5·1 (3·1–8·4)
Interpersonal violence	368·4 (265·3–523·3)	1·3 (0·7–2·0)	0·5 (0·2–0·9)	2·5 (1·3–3·6)	5·6 (3·1–8·5)	2·1 (1·2–2·9)	3·7 (2·3–5·2)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Males, All Ages**	**Males, 0-6 Days**	**Males, 7-27 Days**	**Males, 28-364 Days**	**Males, 1-4 Years**	**Males, 5-9 Years**	**Males, 10-14 Years**
Assault by firearm	172·6 (125·7–206·5)	0·3 (0·1–0·5)	0·1 (0·0–0·1)	0·7 (0·3–1·0)	1·6 (0·7–2·6)	0·8 (0·5–1·1)	1·9 (1·1–2·6)
Assault by sharp object	102·8 (60·0–166·0)	0·1 (0·1–0·3)	<0·05 (0·0–0·1)	0·3 (0·2–0·7)	0·8 (0·3–1·9)	0·3 (0·2–0·6)	0·7 (0·3–1·1)
Assault by other means	93·0 (69·2–116·9)	0·9 (0·5–1·8)	0·3 (0·2–0·7)	1·5 (1·1–2·7)	3·2 (1·6–6·5)	1·0 (0·7–1·5)	1·2 (0·8–1·6)
Forces of nature, war, and legal intervention	139·8 (70·0–332·2)	0·9 (0·6–1·3)	1·2 (1·0–1·6)	3·7 (2·9–4·8)	4·1 (2·8–6·0)	1·4 (1·0–1·9)	12·5 (4·0–42·2)
Exposure to forces of nature	128·4 (62·2–308·6)	0·8 (0·5–1·2)	1·1 (0·8–1·4)	3·2 (2·5–4·3)	3·7 (2·4–5·5)	1·2 (0·9–1·8)	12·0 (3·7–41·1)
Collective violence and legal intervention	11·5 (7·0–23·2)	0·1 (0·0–0·1)	0·2 (0·1–0·3)	0·5 (0·4–0·6)	0·4 (0·3–0·6)	0·1 (0·1–0·1)	0·5 (0·3–1·1)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Males, 15-19 Years**	**Males, 20-24 Years**	**Males, 25-29 Years**	**Males, 30-34 Years**	**Males, 35-39 Years**	**Males, 40-44 Years**	**Males, 45-49 Years**
All causes	414·2 (383·8–453·5)	634·2 (585·3–684·1)	719·6 (670·0–772·1)	769·4 (717·5–824·7)	895·3 (820·8–973·3)	1,040·4 (958·2–1,131·0)	1,268·2 (1,173·4–1,366·8)
Communicable, maternal, neonatal, and nutritional disorders	98·9 (84·6–113·7)	146·7 (128·3–165·8)	223·6 (199·6–247·9)	275·0 (245·7–304·7)	306·1 (269·6–344·5)	286·3 (246·2–328·7)	281·1 (241·0–326·2)
HIV/AIDS and tuberculosis	19·4 (15·7–23·4)	48·2 (39·5–56·6)	120·7 (103·4–137·3)	173·3 (150·6–194·4)	204·7 (176·5–233·6)	179·5 (151·0–209·6)	160·8 (130·1–191·6)
Tuberculosis	9·0 (5·6–12·5)	22·2 (14·8–28·2)	37·9 (24·3–50·1)	47·7 (31·1–63·9)	54·8 (35·4–75·2)	56·9 (37·6–79·8)	64·0 (41·1–91·6)
HIV/AIDS	10·4 (8·7–12·4)	26·0 (20·9–32·6)	82·9 (70·9–94·7)	125·6 (112·7–138·6)	149·9 (131·8–168·2)	122·6 (106·4–138·7)	96·8 (78·8–115·4)
HIV disease resulting in mycobacterial infection	1·9 (1·6–2·3)	4·6 (3·6–5·8)	14·5 (12·2–16·6)	21·8 (19·3–24·1)	25·4 (22·1–28·8)	20·3 (17·5–23·2)	15·7 (12·6–19·0)
HIV disease resulting in other specified or unspecified diseases	8·5 (7·0–10·2)	21·4 (17·2–26·8)	68·4 (58·2–78·2)	103·8 (92·7–114·9)	124·5 (109·5–140·6)	102·3 (88·5–116·8)	81·1 (66·1–97·2)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	45·7 (34·4–57·5)	52·8 (39·8–66·1)	58·2 (45·3–71·9)	59·2 (46·9–72·7)	58·9 (46·2–73·9)	60·1 (47·7–75·9)	68·9 (54·7–86·4)
Diarrheal diseases	10·5 (7·1–15·9)	12·6 (8·9–18·6)	15·7 (11·3–22·5)	16·6 (12·3–22·6)	17·1 (11·7–26·0)	16·5 (11·3–24·8)	18·6 (12·5–28·3)
Cholera	0·4 (0·2–0·7)	0·5 (0·3–0·8)	0·6 (0·4–1·0)	0·7 (0·4–1·1)	0·7 (0·4–1·2)	0·6 (0·3–1·1)	0·6 (0·3–1·1)
Other salmonella infections	1·2 (0·7–2·0)	1·4 (0·9–2·2)	1·6 (1·0–2·6)	1·6 (1·0–2·4)	1·5 (0·9–2·4)	1·3 (0·8–2·2)	1·4 (0·8–2·4)
Shigellosis	1·4 (0·8–2·3)	1·5 (0·9–2·5)	1·8 (1·1–2·9)	1·7 (1·1–2·6)	1·6 (1·0–2·7)	1·4 (0·8–2·4)	1·7 (1·0–2·9)
Enteropathogenic E coli infection	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·2 (0·2–0·4)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·1 (0·1–0·3)	0·2 (0·1–0·3)
Enterotoxigenic E coli infection	0·9 (0·5–1·6)	1·2 (0·7–2·0)	1·6 (1·0–2·6)	1·9 (1·2–2·8)	2·1 (1·2–3·3)	2·1 (1·2–3·4)	2·3 (1·3–3·9)
Campylobacter enteritis	0·6 (0·3–1·1)	0·7 (0·4–1·2)	0·9 (0·5–1·4)	0·9 (0·6–1·4)	0·9 (0·5–1·5)	0·8 (0·5–1·5)	0·9 (0·5–1·7)
Amoebiasis	0·4 (0·2–0·6)	0·5 (0·3–0·8)	0·7 (0·5–1·1)	0·8 (0·6–1·2)	0·9 (0·6–1·5)	1·0 (0·6–1·6)	1·1 (0·7–2·0)
Cryptosporidiosis	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·3 (0·2–0·6)	0·4 (0·2–0·7)
Rotaviral enteritis	1·0 (0·6–1·7)	1·2 (0·8–1·9)	1·4 (0·9–2·1)	1·3 (0·9–2·0)	1·2 (0·8–2·0)	1·2 (0·7–1·9)	1·4 (0·8–2·5)
Other diarrheal diseases	4·1 (2·2–7·3)	5·1 (2·8–9·0)	6·5 (3·7–10·6)	7·1 (4·1–11·5)	7·7 (4·1–13·0)	7·6 (4·2–13·5)	8·6 (4·6–15·0)
Typhoid and paratyphoid fevers	11·0 (1·3–20·9)	10·5 (1·3–19·8)	8·9 (1·1–16·7)	7·1 (0·9–13·3)	5·6 (0·7–10·6)	4·6 (0·6–8·9)	3·6 (0·4–6·9)
Lower respiratory infections	12·8 (9·5–16·7)	17·0 (12·5–21·5)	21·0 (15·1–27·0)	23·7 (17·2–30·9)	25·5 (18·9–33·6)	27·5 (19·7–36·6)	36·1 (26·7–47·1)
Influenza	2·5 (1·8–3·3)	3·5 (2·6–4·5)	4·6 (3·3–5·9)	5·4 (3·9–7·1)	6·1 (4·5–8·0)	6·6 (4·8–8·9)	8·5 (6·2–11·2)
Pneumococcal pneumonia	2·3 (1·7–3·1)	3·5 (2·5–4·4)	4·8 (3·4–6·2)	5·9 (4·2–7·7)	6·8 (5·0–8·8)	7·7 (5·5–10·2)	10·2 (7·5–13·3)
H influenzae type B pneumonia	2·3 (1·7–3·0)	3·0 (2·2–3·8)	3·6 (2·6–4·7)	4·0 (2·9–5·3)	4·3 (3·2–5·7)	4·5 (3·3–6·2)	5·5 (4·0–7·2)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Respiratory syncytial virus pneumonia	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·2–0·3)	0·2 (0·2–0·3)	0·3 (0·2–0·3)	0·3 (0·2–0·4)	0·4 (0·3–0·5)
Other lower respiratory infections	5·5 (4·1–7·4)	6·9 (5·0–8·8)	7·8 (5·6–10·2)	8·2 (5·9–10·8)	8·1 (5·9–10·8)	8·4 (6·0–11·3)	11·6 (8·5–15·3)
Upper respiratory infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Otitis media	<0·05 (0·0–0·4)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·5)
Meningitis	7·6 (5·8–9·4)	8·7 (5·6–11·6)	8·7 (5·7–12·1)	8·0 (5·0–11·3)	7·3 (5·1–10·4)	7·6 (4·7–11·0)	7·0 (4·7–9·9)
Pneumococcal meningitis	2·8 (2·1–3·5)	3·3 (2·1–4·6)	3·4 (2·2–4·9)	3·1 (1·9–4·6)	2·7 (1·9–4·0)	2·8 (1·7–4·2)	2·4 (1·6–3·6)
H influenzae type B meningitis	1·2 (0·9–1·5)	0·7 (0·4–1·0)	0·3 (0·2–0·5)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·4 (0·3–0·7)	0·4 (0·3–0·6)
Meningococcal infection	1·8 (1·4–2·2)	2·1 (1·3–2·7)	2·1 (1·3–2·8)	1·7 (1·1–2·4)	1·5 (1·1–2·1)	1·5 (1·0–2·1)	1·4 (0·9–1·8)
Other meningitis	1·9 (1·5–2·4)	2·6 (1·7–3·5)	2·9 (1·9–4·0)	2·8 (1·8–4·0)	2·6 (1·8–3·8)	2·9 (1·8–4·2)	2·7 (1·9–3·8)
Encephalitis	2·6 (1·6–4·0)	3·1 (1·6–5·6)	3·1 (1·7–5·8)	3·1 (1·7–5·8)	2·7 (1·6–4·9)	3·2 (1·7–5·8)	2·5 (1·4–4·6)
Diphtheria	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Whooping cough	0·1 (0·0–0·4)	0·1 (0·0–0·3)	0·1 (0·0–0·4)	0·1 (0·0–0·4)	0·1 (0·0–0·4)	0·1 (0·0–0·4)	0·1 (0·0–0·5)
Tetanus	0·3 (0·0–1·3)	0·3 (0·0–1·5)	0·4 (0·0–1·7)	0·4 (0·0–2·0)	0·5 (0·0–2·3)	0·6 (0·0–2·6)	0·7 (0·0–3·2)
Measles	0·8 (0·3–1·7)	0·4 (0·1–0·9)	0·2 (0·1–0·4)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Varicella	0·1 (0·0–0·4)	0·1 (0·0–0·4)	0·1 (0·0–0·5)	0·1 (0·0–0·7)	0·1 (0·0–0·6)	0·1 (0·0–0·4)	0·1 (0·0–0·4)
Neglected tropical diseases and malaria	21·8 (14·7–30·6)	29·2 (19·8–42·8)	27·1 (18·0–42·6)	23·1 (14·3–38·8)	20·6 (12·6–34·2)	21·4 (13·2–35·5)	21·8 (13·3–37·4)
Malaria	17·1 (10·5–26·0)	24·3 (14·9–37·7)	22·5 (13·7–38·2)	18·9 (10·1–35·0)	16·4 (8·8–30·4)	16·9 (8·9–31·2)	17·1 (9·1–31·8)
Chagas disease	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)	0·1 (0·0–0·4)	0·1 (0·0–0·6)	0·2 (0·0–0·7)	0·3 (0·1–1·3)	0·5 (0·1–2·0)
Leishmaniasis	2·5 (1·4–4·3)	2·3 (1·4–3·7)	2·0 (1·2–3·1)	1·7 (1·0–2·8)	1·7 (1·0–2·6)	1·6 (0·9–2·7)	1·6 (0·9–2·5)
African trypanosomiasis	0·7 (0·1–2·0)	0·7 (0·1–2·3)	0·6 (0·1–2·0)	0·5 (0·1–1·6)	0·4 (0·0–1·2)	0·3 (0·0–0·9)	0·2 (0·0–0·8)
Schistosomiasis	0·1 (0·0–0·3)	0·1 (0·0–0·5)	0·1 (0·0–0·6)	0·1 (0·0–0·7)	0·2 (0·0–1·1)	0·3 (0·0–1·8)	0·4 (0·0–2·4)
Cysticercosis	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)
Echinococcosis	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)
Dengue	0·4 (0·1–0·9)	0·4 (0·1–0·8)	0·4 (0·1–0·8)	0·4 (0·1–1·0)	0·3 (0·1–0·7)	0·3 (0·1–0·6)	0·3 (0·1–0·6)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Rabies	0·7 (0·3–1·4)	0·8 (0·3–1·6)	0·8 (0·4–1·8)	0·7 (0·3–1·5)	0·7 (0·3–1·5)	0·8 (0·4–1·8)	0·8 (0·3–1·6)
Intestinal nematode infections	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)
Ascariasis	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)
Other neglected tropical diseases	0·3 (0·2–0·7)	0·5 (0·2–0·9)	0·5 (0·3–1·1)	0·5 (0·3–1·1)	0·7 (0·3–1·4)	0·7 (0·3–1·7)	0·8 (0·4–1·9)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	4·7 (3·3–7·1)	6·4 (4·3–9·7)	6·6 (4·8–9·2)	6·5 (4·5–9·8)	6·8 (4·6–10·8)	6·7 (4·5–11·4)	7·4 (4·8–11·9)
Protein-energy malnutrition	3·5 (2·2–5·7)	4·8 (2·9–7·4)	4·9 (3·4–7·3)	5·0 (3·2–8·1)	5·5 (3·2–9·4)	5·5 (3·3–10·3)	6·1 (3·7–10·3)
Iodine deficiency	0·1 (0·1–0·1)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·1 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Iron-deficiency anemia	1·1 (0·7–1·5)	1·4 (0·9–2·1)	1·4 (1·0–1·9)	1·3 (0·9–1·9)	1·1 (0·7–1·6)	1·0 (0·6–1·4)	1·0 (0·7–1·4)
Other nutritional deficiencies	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)
Other communicable, maternal, neonatal, and nutritional disorders	7·3 (5·0–10·9)	10·1 (7·0–15·2)	11·1 (8·2–15·7)	12·9 (9·4–18·6)	15·1 (10·8–22·2)	18·7 (13·4–27·9)	22·3 (15·4–35·3)
Sexually transmitted diseases excluding HIV	0·2 (0·1–0·3)	0·2 (0·1–0·5)	0·3 (0·2–0·6)	0·3 (0·2–0·6)	0·3 (0·2–0·6)	0·3 (0·2–0·6)	0·3 (0·2–0·5)
Syphilis	0·2 (0·1–0·3)	0·2 (0·1–0·5)	0·3 (0·2–0·6)	0·3 (0·2–0·6)	0·3 (0·2–0·6)	0·3 (0·2–0·5)	0·3 (0·2–0·5)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Sexually transmitted chlamydial diseases	–	–	–	–	–	–	–
Gonococcal infection	–	–	–	–	–	–	–
Other sexually transmitted diseases	–	–	–	–	–	–	–
Hepatitis	4·3 (2·4–7·5)	6·2 (3·6–11·0)	6·5 (4·3–10·6)	7·4 (4·7–12·5)	9·6 (6·2–16·4)	13·2 (8·5–22·0)	15·7 (9·5–28·4)
Acute hepatitis A	0·7 (0·2–2·4)	1·2 (0·3–4·1)	1·5 (0·4–4·7)	2·1 (0·5–6·8)	2·9 (0·8–9·4)	4·3 (1·2–13·0)	4·6 (1·1–14·8)
Acute hepatitis B	0·6 (0·3–1·1)	1·3 (0·7–2·3)	1·9 (0·9–3·6)	2·6 (1·2–4·5)	4·2 (2·3–7·5)	7·0 (3·9–11·9)	9·7 (4·4–19·3)
Acute hepatitis C	<0·05 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·1–0·4)	0·3 (0·2–0·6)	0·6 (0·3–1·1)	0·8 (0·4–2·0)	1·0 (0·5–2·0)
Acute hepatitis E	2·9 (1·0–6·5)	3·6 (1·1–8·4)	3·0 (1·2–6·0)	2·4 (0·9–5·0)	1·9 (0·7–4·3)	1·1 (0·3–2·7)	0·3 (0·0–0·9)
Other infectious diseases	2·9 (1·8–4·5)	3·6 (2·4–5·3)	4·3 (2·5–6·2)	5·2 (3·0–7·4)	5·2 (2·8–7·5)	5·2 (3·0–8·1)	6·3 (3·7–9·7)
Non-communicable diseases	92·8 (83·9–103·5)	136·2 (123·6–149·0)	166·0 (152·8–180·1)	214·1 (197·2–231·1)	319·2 (294·1–346·3)	498·8 (463·1–536·6)	743·9 (690·9–796·2)
Neoplasms	23·4 (18·5–27·3)	28·9 (23·3–33·4)	32·7 (26·7–37·6)	43·5 (37·2–49·5)	73·3 (63·9–84·2)	129·5 (115·4–148·4)	209·5 (187·9–235·5)
Esophageal cancer	0·1 (0·0–0·1)	0·2 (0·2–0·4)	0·4 (0·3–0·7)	0·9 (0·5–1·3)	2·4 (1·5–3·6)	6·7 (4·1–9·6)	13·9 (9·0–18·9)
Stomach cancer	0·8 (0·2–1·7)	1·4 (0·6–2·6)	2·0 (1·0–3·0)	3·2 (2·0–4·6)	6·1 (4·1–9·2)	12·3 (8·5–18·4)	20·5 (12·9–28·8)
Liver cancer	1·1 (0·7–1·8)	2·5 (1·5–4·0)	4·5 (3·0–6·6)	7·7 (5·3–11·4)	16·3 (11·1–24·9)	27·8 (19·9–43·0)	39·4 (29·7–56·9)
Liver cancer secondary to hepatitis B	0·5 (0·3–0·9)	1·2 (0·7–2·0)	2·3 (1·4–3·4)	3·9 (2·6–5·8)	8·3 (5·5–12·9)	14·4 (10·1–23·0)	20·3 (15·0–30·0)
Liver cancer secondary to hepatitis C	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·5)	1·0 (0·7–1·4)	2·7 (2·0–4·1)	5·5 (4·3–7·6)
Liver cancer secondary to alcohol use	0·1 (0·0–0·1)	0·3 (0·2–0·6)	0·9 (0·6–1·3)	1·8 (1·2–2·6)	3·8 (2·6–5·8)	6·2 (4·4–9·1)	8·3 (6·3–12·0)
Other liver cancer	0·5 (0·3–0·8)	0·8 (0·5–1·3)	1·2 (0·8–1·8)	1·8 (1·2–2·6)	3·2 (2·2–4·9)	4·5 (3·3–6·6)	5·4 (4·1–7·6)
Larynx cancer	<0·05 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·3 (0·1–0·5)	0·8 (0·3–1·4)	2·5 (1·2–4·4)	5·2 (2·4–9·5)
Trachea, bronchus and lung cancers	0·5 (0·3–0·7)	1·2 (0·7–1·7)	1·9 (1·1–2·7)	3·6 (2·4–4·8)	8·1 (5·3–11·3)	19·6 (13·8–26·4)	40·0 (28·5–54·7)
Breast cancer	–	–	–	–	–	–	–
Cervical cancer	–	–	–	–	–	–	–
Uterine cancer	–	–	–	–	–	–	–
Prostate cancer	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·6)	0·9 (0·5–1·4)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Colon and rectum cancers	0·5 (0·4–0·7)	1·4 (1·1–1·8)	2·1 (1·7–2·6)	3·2 (2·6–4·0)	5·1 (4·3–6·7)	7·9 (6·8–10·1)	13·5 (11·9–16·4)
Mouth cancer	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·6 (0·4–0·8)	1·2 (0·7–1·8)	2·0 (1·3–2·8)	3·6 (2·7–4·6)	6·4 (5·0–7·9)
Nasopharynx cancer	0·3 (0·2–0·6)	0·5 (0·2–0·8)	0·7 (0·3–1·5)	0·9 (0·4–1·5)	2·0 (1·0–3·8)	3·9 (1·9–7·4)	4·9 (2·4–8·8)
Cancer of other part of pharynx and oropharynx	0·2 (0·1–0·3)	0·2 (0·1–0·5)	0·4 (0·2–0·8)	0·7 (0·3–1·3)	1·3 (0·6–2·2)	3·0 (1·5–4·7)	5·3 (2·7–7·4)
Gallbladder and biliary tract cancer	0·1 (0·0–0·6)	0·3 (0·0–1·5)	0·4 (0·0–1·5)	0·5 (0·1–1·7)	1·0 (0·3–2·5)	1·5 (0·6–2·5)	2·1 (1·0–3·3)
Pancreatic cancer	0·2 (0·1–0·3)	0·3 (0·1–0·6)	0·4 (0·2–0·7)	0·8 (0·4–1·1)	1·7 (1·1–2·4)	3·7 (2·4–5·1)	7·3 (4·7–10·2)
Malignant melanoma of skin	0·1 (0·0–0·2)	0·2 (0·1–0·4)	0·3 (0·2–0·6)	0·5 (0·3–1·0)	0·7 (0·4–1·5)	1·2 (0·6–2·2)	1·7 (0·9–3·1)
Non-melanoma skin cancer	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·1–0·5)	0·4 (0·2–0·8)	0·6 (0·3–1·1)
Ovarian cancer	–	–	–	–	–	–	–
Testicular cancer	0·3 (0·2–0·5)	0·7 (0·4–1·1)	0·8 (0·5–1·1)	0·7 (0·4–1·0)	0·6 (0·4–0·9)	0·6 (0·4–0·8)	0·5 (0·3–0·8)
Kidney and other urinary organ cancers	0·3 (0·1–1·0)	0·3 (0·1–0·8)	0·3 (0·2–0·7)	0·5 (0·3–0·8)	1·1 (0·6–1·8)	2·3 (1·4–3·5)	4·6 (3·0–7·2)
Bladder cancer	0·1 (0·1–0·1)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·4 (0·3–0·5)	0·6 (0·4–0·8)	1·3 (0·9–1·7)	2·6 (1·8–3·2)
Brain and nervous system cancers	1·8 (0·7–2·8)	1·9 (0·8–2·8)	2·3 (0·9–3·5)	3·1 (1·3–4·3)	4·4 (1·9–6·7)	6·0 (2·8–9·8)	8·3 (3·8–12·4)
Thyroid cancer	0·1 (0·0–0·2)	0·1 (0·1–0·3)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·5 (0·3–0·9)	0·8 (0·4–1·2)
Hodgkin's disease	0·3 (0·2–0·5)	0·5 (0·3–0·8)	0·6 (0·3–0·9)	0·6 (0·3–1·0)	0·6 (0·3–1·0)	0·6 (0·3–1·0)	0·7 (0·4–1·3)
Non-Hodgkin's lymphoma	2·8 (1·9–4·1)	2·8 (2·0–3·7)	2·6 (1·9–3·3)	2·9 (2·1–3·7)	3·3 (2·4–4·1)	4·8 (3·4–5·9)	6·1 (4·6–7·2)
Multiple myeloma	0·2 (0·0–0·4)	0·1 (0·1–0·4)	0·1 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·2–0·6)	0·8 (0·4–1·4)	1·4 (0·7–2·3)
Leukemia	7·1 (5·0–9·1)	7·0 (4·6–9·0)	5·7 (3·9–7·1)	4·9 (3·4–6·3)	5·6 (3·9–7·1)	6·4 (4·7–8·4)	6·9 (4·9–8·9)
Other neoplasms	6·0 (3·2–9·0)	6·1 (3·3–8·7)	5·7 (3·0–8·7)	6·2 (3·4–9·2)	8·2 (4·6–12·6)	11·9 (6·8–17·7)	15·8 (9·0–22·8)
Cardiovascular and circulatory diseases	19·5 (17·2–22·7)	34·2 (30·1–39·0)	46·0 (41·4–51·3)	66·0 (59·8–73·3)	105·9 (95·7–117·8)	183·2 (168·1–202·5)	281·5 (259·5–307·1)
Rheumatic heart disease	2·3 (1·7–3·2)	3·0 (2·3–4·0)	4·0 (2·9–5·4)	4·8 (3·6–6·6)	6·0 (4·6–8·1)	7·6 (5·6–10·5)	9·6 (7·0–13·3)
Ischemic heart disease	6·2 (4·3–8·5)	12·8 (10·0–16·5)	18·5 (14·6–23·1)	30·2 (24·0–37·4)	50·8 (41·9–60·8)	93·5 (76·6–110·4)	145·9 (119·8–170·2)
Cerebrovascular disease	5·2 (3·8–6·6)	9·5 (6·8–11·9)	11·8 (8·5–14·6)	16·7 (12·4–20·2)	27·3 (20·3–32·1)	49·0 (37·6–56·9)	80·6 (62·9–93·5)
Ischemic stroke	0·7 (0·5–0·9)	1·2 (0·9–1·6)	1·7 (1·2–2·1)	2·4 (1·9–3·0)	3·4 (2·8–4·2)	6·8 (5·7–9·0)	13·8 (11·5–18·7)

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Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Hemorrhagic and other non-ischemic stroke	4·5 (2·9–6·1)	8·3 (5·9–10·8)	10·1 (7·3–13·2)	14·3 (10·6–18·1)	23·9 (17·4–30·3)	42·2 (31·1–52·3)	66·8 (50·0–82·8)
Hypertensive heart disease	0·7 (0·5–1·0)	1·3 (0·9–1·7)	1·8 (1·3–2·3)	2·6 (1·9–3·4)	4·6 (3·3–6·2)	8·3 (6·2–10·5)	12·8 (10·2–16·2)
Cardiomyopathy and myocarditis	2·5 (1·8–3·5)	3·4 (2·6–4·5)	4·6 (3·6–6·0)	5·6 (4·4–7·3)	7·9 (6·4–10·3)	12·7 (9·6–17·1)	16·0 (12·7–20·0)
Atrial fibrillation and flutter	–	–	–	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·4)	0·4 (0·2–0·6)
Aortic aneurysm	0·2 (0·1–0·4)	0·3 (0·2–0·6)	0·5 (0·3–0·8)	0·6 (0·4–1·2)	1·1 (0·6–1·8)	1·8 (1·1–3·2)	2·9 (1·8–4·8)
Peripheral vascular disease	–	–	–	–	–	0·2 (0·1–0·4)	0·3 (0·1–0·7)
Endocarditis	0·4 (0·3–0·6)	0·7 (0·4–0·9)	1·0 (0·6–1·8)	0·9 (0·5–1·4)	1·3 (0·7–2·1)	1·6 (0·9–2·7)	1·5 (1·0–2·2)
Other cardiovascular and circulatory diseases	2·1 (1·7–2·5)	3·1 (2·6–3·7)	3·8 (3·2–4·4)	4·4 (3·8–5·1)	6·7 (5·8–7·8)	8·2 (7·2–9·3)	11·4 (10·0–13·0)
Chronic respiratory diseases	5·8 (4·8–7·2)	8·6 (7·2–10·6)	11·0 (9·3–13·2)	12·1 (10·2–15·0)	17·6 (14·3–22·4)	25·7 (20·5–31·8)	41·6 (34·3–52·9)
Chronic obstructive pulmonary disease	1·9 (1·2–3·1)	3·0 (2·0–4·6)	3·9 (2·5–5·9)	4·8 (3·2–7·2)	7·7 (5·1–11·5)	13·3 (9·2–19·2)	24·2 (17·0–34·5)
Pneumoconiosis	0·2 (0·1–0·4)	0·3 (0·1–0·6)	0·4 (0·2–0·9)	0·6 (0·2–1·2)	0·9 (0·3–1·8)	1·2 (0·5–2·4)	1·9 (0·8–3·6)
Asthma	2·2 (1·3–4·4)	2·9 (1·7–5·6)	3·7 (2·3–6·9)	3·6 (2·3–6·7)	4·6 (2·7–9·5)	5·7 (3·4–10·8)	8·5 (5·1–17·1)
Other interstitial lung disease	0·2 (0·1–0·4)	0·3 (0·2–0·6)	0·4 (0·3–0·7)	0·5 (0·3–0·8)	0·8 (0·5–1·3)	1·1 (0·7–2·0)	1·8 (1·1–3·1)
Other chronic respiratory diseases	1·3 (0·9–2·1)	2·1 (1·4–3·1)	2·5 (1·9–4·1)	2·7 (1·9–3·8)	3·7 (2·4–5·2)	4·4 (2·8–6·4)	5·4 (3·5–7·8)
Cirrhosis of the liver	2·4 (1·7–3·3)	5·5 (3·9–7·6)	11·0 (8·0–14·1)	21·8 (15·9–28·8)	36·1 (26·6–47·1)	54·9 (40·7–69·9)	73·5 (54·2–90·9)
Cirrhosis of the liver secondary to hepatitis B	0·7 (0·5–1·0)	1·5 (1·1–2·2)	2·7 (2·1–3·8)	5·2 (4·0–7·1)	8·9 (6·6–12·3)	14·7 (11·0–19·8)	20·7 (15·1–27·6)
Cirrhosis of the liver secondary to hepatitis C	0·3 (0·2–0·5)	0·7 (0·5–1·0)	1·4 (1·0–1·9)	2·7 (2·0–3·6)	4·9 (3·6–6·6)	9·1 (6·7–11·6)	14·3 (10·2–18·2)
Cirrhosis of the liver secondary to alcohol use	0·2 (0·1–0·3)	1·3 (0·9–1·9)	3·6 (2·6–4·8)	8·5 (6·4–11·5)	14·7 (10·6–19·7)	21·1 (15·6–27·3)	27·2 (19·4–34·5)
Other cirrhosis of the liver	1·2 (0·9–1·8)	2·0 (1·5–2·9)	3·3 (2·4–4·4)	5·3 (4·0–7·1)	7·6 (5·6–10·2)	9·9 (7·3–12·7)	11·3 (7·9–14·3)
Digestive diseases (except cirrhosis)	5·8 (4·5–7·7)	9·9 (7·4–12·6)	12·3 (9·5–15·6)	16·2 (12·4–20·1)	21·0 (16·2–27·1)	25·7 (19·6–33·8)	32·5 (24·9–40·8)
Peptic ulcer disease	1·6 (1·0–2·5)	2·6 (1·6–4·1)	3·4 (2·2–4·9)	4·7 (3·1–7·1)	6·3 (4·3–9·5)	7·5 (5·4–11·0)	9·7 (6·8–14·2)
Gastritis and duodenitis	0·1 (0·0–0·1)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·2–0·5)	0·4 (0·2–0·6)	0·4 (0·3–0·7)
Appendicitis	0·5 (0·2–0·8)	0·6 (0·3–1·1)	0·6 (0·3–1·3)	0·7 (0·3–1·2)	0·7 (0·3–1·2)	0·7 (0·3–1·2)	0·8 (0·4–1·4)
Paralytic ileus and intestinal obstruction without hernia	1·0 (0·6–1·7)	1·5 (0·9–2·4)	1·6 (1·0–2·5)	2·0 (1·2–3·3)	2·6 (1·5–4·4)	2·9 (1·8–4·9)	3·5 (2·1–6·3)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Inguinal or femoral hernia	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·2 (0·2–0·2)	0·2 (0·2–0·2)	0·3 (0·3–0·3)
Noninfective inflammatory bowel disease	0·2 (0·1–0·3)	0·4 (0·2–0·8)	0·5 (0·3–0·6)	0·5 (0·3–0·7)	0·6 (0·4–0·8)	0·6 (0·4–0·8)	0·7 (0·5–1·0)
Vascular disorders of intestine	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·2 (0·0–0·6)	0·2 (0·0–0·6)	0·2 (0·1–0·8)	0·5 (0·1–1·6)	0·8 (0·2–2·7)
Gall bladder and bile duct disease	0·3 (0·2–0·5)	0·5 (0·3–0·8)	0·5 (0·3–0·8)	0·6 (0·4–1·0)	0·9 (0·6–1·4)	1·1 (0·7–1·7)	1·4 (1·0–2·0)
Pancreatitis	0·4 (0·2–0·7)	1·0 (0·6–1·4)	1·9 (1·2–2·8)	2·5 (1·7–3·7)	3·2 (2·2–4·6)	3·7 (2·5–5·3)	4·3 (2·9–6·0)
Other digestive diseases	1·7 (1·1–2·7)	2·9 (2·0–4·6)	3·4 (2·3–5·2)	4·5 (3·1–7·3)	6·2 (4·1–10·4)	8·2 (5·4–13·5)	10·6 (7·2–17·8)
Neurological disorders	14·9 (10·3–22·3)	17·2 (12·2–24·9)	15·7 (11·6–22·1)	15·4 (10·7–24·3)	16·1 (11·6–24·8)	18·1 (12·8–28·6)	21·7 (15·1–33·9)
Alzheimer's disease and other dementias	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·4 (0·3–0·7)	0·6 (0·4–1·0)	0·8 (0·5–1·2)	1·3 (0·7–2·2)
Parkinson's disease	–	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·2–0·5)
Epilepsy	6·1 (3·8–8·2)	8·4 (5·2–11·0)	8·1 (5·2–10·8)	6·9 (4·7–9·2)	6·5 (4·2–8·7)	6·1 (4·0–8·4)	5·9 (3·7–8·2)
Multiple sclerosis	–	0·1 (0·1–0·1)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·5 (0·3–0·8)	0·6 (0·4–0·9)	0·8 (0·6–1·2)
Other neurological disorders	8·5 (4·6–15·8)	8·3 (4·5–15·5)	6·9 (3·9–13·3)	7·6 (4·0–16·3)	8·3 (4·6–17·1)	10·3 (5·6–20·6)	13·3 (7·2–25·1)
Mental and behavioral disorders	2·2 (1·3–3·6)	6·6 (3·6–10·9)	10·7 (6·6–16·9)	12·2 (8·0–18·7)	14·3 (9·5–23·7)	17·4 (11·2–27·6)	20·5 (12·3–33·3)
Schizophrenia	–	–	0·6 (0·4–1·0)	0·7 (0·4–1·0)	1·1 (0·7–1·7)	1·1 (0·8–1·6)	1·1 (0·7–1·7)
Alcohol use disorders	0·3 (0·1–0·6)	1·1 (0·5–1·8)	2·5 (1·0–4·6)	4·4 (1·9–8·1)	6·9 (3·1–12·4)	10·0 (4·9–17·3)	13·5 (6·2–24·5)
Drug use disorders	1·6 (0·8–2·9)	5·2 (2·4–9·0)	7·2 (3·3–13·0)	6·7 (3·4–11·7)	5·8 (2·6–11·2)	5·8 (2·5–11·9)	5·2 (2·2–10·1)
Opioid use disorders	0·9 (0·5–1·6)	2·9 (1·3–5·2)	4·1 (1·9–7·5)	3·8 (2·0–6·7)	3·3 (1·5–6·4)	3·3 (1·3–6·4)	3·0 (1·2–5·9)
Cocaine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·7 (0·4–1·3)	2·2 (1·0–4·0)	3·0 (1·5–5·7)	2·8 (1·5–5·3)	2·5 (1·2–4·7)	2·5 (1·1–4·9)	2·1 (0·9–4·1)
Eating disorders	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Other mental and behavioral disorders	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·1–0·4)	0·3 (0·2–0·6)	0·4 (0·2–0·7)	0·5 (0·2–0·8)
Diabetes, urogenital, blood, and endocrine diseases	12·2 (9·5–17·5)	18·2 (14·4–23·2)	19·7 (16·6–26·6)	21·9 (18·4–28·2)	28·6 (23·9–37·1)	37·8 (31·9–48·3)	55·1 (45·1–68·2)
Diabetes mellitus	1·6 (1·1–2·2)	3·2 (2·1–4·4)	4·3 (3·3–5·6)	6·1 (4·7–7·9)	9·6 (6·7–12·4)	14·8 (10·5–17·9)	24·8 (18·0–29·2)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Acute glomerulonephritis	2·1 (0·6–7·2)	2·0 (0·6–6·4)	2·4 (0·7–8·7)	2·3 (0·7–7·5)	2·7 (0·7–10·3)	3·2 (0·8–11·6)	3·3 (0·9–10·9)
Chronic kidney diseases	3·6 (2·7–4·5)	6·9 (4·8–8·8)	6·5 (5·2–7·8)	7·3 (5·9–9·0)	9·4 (7·8–11·2)	11·9 (9·8–14·1)	17·0 (13·7–20·2)
Chronic kidney disease due to diabetes mellitus	<0·05 (0·0–0·05)	0·3 (0·2–0·4)	0·5 (0·4–0·7)	0·8 (0·7–1·1)	1·4 (1·1–1·7)	2·2 (1·8–2·7)	3·9 (3·1–4·7)
Chronic kidney disease due to hypertension	0·6 (0·4–0·8)	1·3 (0·9–1·6)	1·3 (1·0–1·6)	1·6 (1·3–2·0)	2·2 (1·8–2·7)	3·1 (2·5–3·7)	4·3 (3·5–5·1)
Chronic kidney disease unspecified	3·0 (2·2–3·8)	5·4 (3·8–6·9)	4·7 (3·8–5·7)	4·9 (3·9–6·0)	5·8 (4·8–7·0)	6·7 (5·5–8·1)	8·9 (7·2–10·7)
Urinary diseases and male infertility	0·8 (0·4–1·1)	1·3 (0·7–1·9)	1·6 (0·9–2·4)	1·8 (1·0–2·6)	2·3 (1·3–3·3)	2·7 (1·6–4·1)	3·8 (2·2–5·8)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	0·4 (0·2–0·6)	0·6 (0·3–0·9)	0·7 (0·4–1·2)	0·8 (0·4–1·3)	1·1 (0·5–1·6)	1·3 (0·7–2·1)	2·0 (1·0–3·2)
Urolithiasis	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·5)	0·4 (0·2–0·6)	0·4 (0·2–0·8)
Other urinary diseases	0·3 (0·2–0·5)	0·6 (0·3–0·9)	0·7 (0·4–1·2)	0·8 (0·4–1·3)	1·0 (0·5–1·5)	1·1 (0·6–1·7)	1·4 (0·8–2·3)
Gynecological diseases	–	–	–	–	–	–	–
Uterine fibroids	–	–	–	–	–	–	–
Endometriosis	–	–	–	–	–	–	–
Genital prolapse	–	–	–	–	–	–	–
Other gynecological diseases	–	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	2·2 (1·5–3·3)	2·3 (1·6–3·6)	2·1 (1·4–3·1)	1·6 (1·1–2·5)	1·4 (0·9–2·2)	1·5 (1·0–2·5)	1·4 (0·9–2·3)
Thalassemias	1·0 (0·7–1·5)	1·0 (0·7–1·4)	0·9 (0·6–1·2)	0·7 (0·5–0·9)	0·6 (0·4–0·9)	0·6 (0·4–0·9)	0·5 (0·4–0·7)
Sickle cell disorders	0·6 (0·4–1·3)	0·6 (0·3–1·3)	0·6 (0·3–1·1)	0·4 (0·3–0·9)	0·4 (0·2–0·6)	0·3 (0·2–0·6)	0·3 (0·2–0·6)
G6PD deficiency	0·1 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)
Other hemoglobinopathies and hemolytic anemias	0·4 (0·2–1·0)	0·6 (0·2–1·1)	0·6 (0·2–1·2)	0·4 (0·1–0·9)	0·4 (0·1–0·9)	0·5 (0·1–1·1)	0·5 (0·2–1·1)
Other endocrine, nutritional, blood, and immune disorders	1·9 (0·9–3·8)	2·5 (1·0–4·6)	2·8 (1·1–5·0)	2·8 (1·2–5·7)	3·1 (1·3–6·0)	3·7 (1·7–8·3)	4·7 (2·4–10·0)
Musculoskeletal disorders	1·0 (0·6–1·7)	1·3 (0·7–2·2)	1·4 (0·7–2·2)	1·3 (0·7–2·2)	1·6 (0·9–2·7)	1·9 (1·0–3·3)	2·4 (1·3–4·1)
Rheumatoid arthritis	0·2 (0·1–0·4)	0·3 (0·2–0·6)	0·3 (0·1–0·5)	0·3 (0·2–0·6)	0·4 (0·2–0·7)	0·5 (0·3–0·9)	0·7 (0·4–1·1)
Other musculoskeletal disorders	0·8 (0·4–1·4)	1·0 (0·6–1·8)	1·1 (0·6–1·9)	1·0 (0·5–1·6)	1·2 (0·6–2·0)	1·4 (0·7–2·4)	1·7 (1·0–3·0)
Other non-communicable diseases	5·6 (3·9–7·6)	5·8 (4·2–7·9)	5·5 (4·1–7·5)	3·7 (2·8–4·7)	4·8 (3·3–6·2)	4·6 (3·4–5·9)	5·6 (4·0–7·2)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Congenital anomalies	5·0 (3·3–6·9)	4·8 (3·2–6·8)	4·4 (2·9–6·2)	2·3 (1·5–3·0)	2·7 (1·8–3·6)	2·7 (1·8–3·5)	3·4 (2·2–4·5)
Neural tube defects	0·3 (0·1–0·7)	0·3 (0·1–0·6)	0·3 (0·1–0·8)	0·1 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·5)	0·2 (0·1–0·5)
Congenital heart anomalies	3·2 (2·3–4·5)	3·1 (2·2–4·4)	2·7 (1·8–4·0)	1·3 (1·0–1·8)	1·4 (1·0–1·9)	1·2 (0·9–1·6)	1·4 (1·0–1·9)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	0·2 (0·1–0·3)	0·3 (0·1–0·5)	0·3 (0·2–0·5)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·4 (0·2–0·6)
Other chromosomal abnormalities	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other congenital anomalies	1·2 (0·7–2·0)	1·1 (0·7–1·7)	1·0 (0·6–1·8)	0·6 (0·4–0·8)	0·8 (0·5–1·4)	1·0 (0·6–1·7)	1·3 (0·8–2·2)
Skin and subcutaneous diseases	0·6 (0·5–0·8)	1·0 (0·7–1·4)	1·2 (0·7–1·7)	1·4 (0·9–2·0)	2·1 (1·1–3·1)	1·9 (1·1–2·8)	2·3 (1·3–3·3)
Cellulitis	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·4 (0·3–0·6)	0·7 (0·4–1·1)	0·7 (0·4–1·0)	0·8 (0·5–1·2)
Abscess, impetigo, and other bacterial skin diseases	0·3 (0·2–0·4)	0·4 (0·3–0·6)	0·5 (0·3–0·7)	0·6 (0·4–0·9)	0·8 (0·5–1·3)	0·8 (0·5–1·1)	0·9 (0·5–1·3)
Decubitus ulcer	0·1 (0·1–0·2)	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·4 (0·2–0·5)	0·5 (0·3–0·8)	0·5 (0·3–0·7)	0·5 (0·3–0·7)	
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	222·5 (196·4–260·0)	351·3 (307·3–399·3)	330·0 (286·1–378·8)	280·4 (242·7–323·8)	269·9 (228·3–319·6)	255·2 (216·4–304·4)	243·2 (207·0–288·6)
Transport injuries	77·1 (57·2–102·7)	122·5 (90·2–157·3)	112·7 (81·7–153·9)	90·2 (65·3–129·6)	88·7 (61·8–131·4)	81·7 (56·5–118·6)	75·8 (55·0–116·4)
Road injury	73·5 (53·6–96·9)	116·1 (83·5–154·8)	107·0 (79·3–146·4)	85·4 (60·8–121·6)	84·5 (59·2–124·2)	77·7 (51·9–116·7)	72·2 (48·2–110·6)
Pedestrian injury by road vehicle	22·3 (14·3–36·2)	33·9 (21·8–50·6)	33·2 (21·5–54·0)	27·8 (17·7–46·5)	28·9 (17·3–48·1)	27·9 (16·5–48·7)	25·4 (16·0–43·4)
Pedal cycle vehicle	5·0 (3·3–7·4)	6·4 (3·9–9·5)	5·9 (3·6–9·3)	4·7 (2·9–7·2)	4·4 (2·8–6·7)	4·0 (2·6–6·1)	4·2 (2·6–6·7)
Motorized vehicle with two wheels	15·9 (11·3–22·3)	26·0 (17·5–35·3)	23·1 (15·7–30·8)	16·8 (12·0–22·6)	16·4 (11·1–23·8)	13·7 (9·1–20·3)	12·9 (8·3–19·9)
Motorized vehicle with three or more wheels	26·0 (18·6–33·5)	43·8 (29·9–57·2)	38·5 (26·9–51·0)	30·5 (21·3–40·5)	29·7 (20·2–42·3)	26·9 (18·4–38·5)	24·7 (17·2–33·9)
Road injury other	4·2 (1·5–11·3)	6·0 (2·2–17·2)	6·3 (2·3–17·8)	5·5 (1·9–16·0)	5·2 (1·6–16·5)	5·2 (1·4–20·2)	4·9 (1·3–18·5)
Other transport injury	3·5 (2·6–5·4)	6·4 (4·2–9·1)	5·6 (4·0–8·6)	4·8 (3·5–7·0)	4·2 (2·9–6·0)	3·9 (2·8–6·5)	3·7 (2·7–5·4)
Unintentional injuries other than transport injuries	66·1 (56·9–75·8)	96·3 (82·0–110·2)	90·7 (76·7–104·9)	83·4 (69·9–98·5)	86·2 (70·8–101·3)	85·7 (70·4–102·2)	83·7 (68·5–98·3)
Falls	8·2 (5·2–12·0)	13·9 (8·8–20·9)	13·5 (8·7–18·9)	13·8 (8·7–20·1)	16·2 (10·1–23·8)	18·3 (11·3–27·0)	19·6 (12·2–28·7)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Males, 15-19 Years**	**Males, 20-24 Years**	**Males, 25-29 Years**	**Males, 30-34 Years**	**Males, 35-39 Years**	**Males, 40-44 Years**	**Males, 45-49 Years**
Drowning	23·1 (18·0–31·7)	23·0 (17·9–31·7)	17·7 (13·9–25·4)	14·6 (11·2–21·4)	13·9 (10·6–19·9)	13·2 (10·1–19·6)	12·2 (9·3–17·7)
Fire, heat and hot substances	6·5 (3·5–11·6)	11·2 (6·2–18·7)	11·9 (6·4–19·3)	11·2 (5·9–20·7)	10·6 (5·5–20·4)	10·0 (5·1–18·7)	8·5 (4·6–15·3)
Poisonings	5·1 (3·1–7·8)	9·9 (5·8–15·3)	10·5 (6·2–16·2)	10·0 (6·0–15·2)	10·9 (6·0–17·2)	11·1 (5·9–17·7)	10·0 (5·7–14·8)
Exposure to mechanical forces	9·7 (5·6–13·6)	16·2 (9·8–22·1)	16·2 (9·7–22·3)	14·6 (8·8–21·0)	14·1 (7·9–21·6)	13·0 (7·7–18·8)	12·8 (6·9–17·9)
Mechanical forces (firearm)	5·0 (3·0–7·8)	7·8 (4·4–11·5)	6·7 (3·9–9·6)	5·7 (3·1–8·3)	4·8 (2·5–8·1)	3·9 (2·2–6·2)	3·4 (1·8–5·5)
Mechanical forces (other)	4·7 (2·2–8·2)	8·4 (4·5–12·5)	9·5 (5·0–14·0)	8·9 (4·8–13·9)	9·2 (5·1–15·2)	9·0 (5·1–13·6)	9·4 (5·2–13·7)
Adverse effects of medical treatment	1·3 (0·9–2·0)	2·0 (1·4–3·1)	2·0 (1·4–2·9)	1·8 (1·3–2·6)	1·9 (1·4–2·8)	1·9 (1·4–2·8)	2·4 (1·8–3·1)
Animal contact	2·0 (1·0–3·7)	2·7 (1·3–4·9)	2·1 (1·0–4·3)	2·0 (0·9–3·9)	2·1 (1·0–4·0)	1·9 (1·0–3·5)	2·4 (1·1–4·6)
Animal contact (venomous)	1·5 (0·6–3·6)	2·1 (0·8–4·3)	1·7 (0·5–3·8)	1·6 (0·5–3·7)	1·7 (0·6–3·9)	1·5 (0·6–3·6)	1·9 (0·6–4·9)
Animal contact (non-venomous)	0·4 (0·2–0·8)	0·5 (0·3–0·9)	0·5 (0·2–0·8)	0·4 (0·2–0·8)	0·4 (0·2–0·8)	0·4 (0·2–0·7)	0·5 (0·2–0·9)
Unintentional injuries not classified elsewhere	10·3 (7·8–13·8)	17·4 (13·2–23·5)	16·7 (13·1–21·7)	15·4 (12·2–20·0)	16·5 (12·6–21·5)	16·2 (12·4–20·5)	15·9 (11·8–21·2)
Self-harm and interpersonal violence	64·5 (49·9–81·2)	116·9 (89·9–143·7)	112·0 (88·9–138·6)	95·2 (73·7–120·0)	85·3 (66·4–111·8)	78·4 (61·2–104·8)	74·4 (55·8–99·1)
Self-harm	30·4 (20·9–44·0)	55·3 (35·5–78·5)	51·4 (34·5–71·0)	46·7 (31·7–65·6)	47·3 (30·7–67·4)	48·8 (33·1–72·0)	50·1 (32·4–71·7)
Interpersonal violence	34·2 (23·8–43·5)	61·6 (42·7–80·8)	60·6 (42·8–82·7)	48·5 (32·8–68·3)	38·0 (26·5–55·2)	29·6 (20·2–42·9)	24·3 (16·7–39·7)
Assault by firearm	18·8 (13·0–23·3)	31·6 (24·2–38·6)	30·4 (22·7–38·1)	23·8 (17·1–30·6)	18·3 (13·5–25·3)	14·0 (9·6–19·3)	10·5 (7·7–15·8)
Assault by sharp object	8·8 (4·8–12·9)	17·4 (9·6–26·9)	17·6 (10·0–28·1)	14·4 (8·5–24·2)	11·0 (6·4–18·3)	8·4 (5·0–15·2)	7·2 (4·1–13·0)
Assault by other means	6·6 (4·3–9·2)	12·5 (8·6–17·3)	12·6 (8·3–17·9)	10·3 (6·6–14·8)	8·7 (6·0–12·7)	7·3 (4·8–10·9)	6·5 (4·3–9·9)
Forces of nature, war, and legal intervention	14·8 (5·5–43·5)	15·6 (6·3–42·6)	14·6 (6·1–38·9)	11·6 (5·0–29·7)	9·7 (4·4–23·6)	9·5 (4·6–22·0)	9·2 (4·7–20·0)
Exposure to forces of nature	14·0 (5·0–41·8)	14·6 (5·7–40·6)	13·7 (5·5–37·1)	10·7 (4·5–27·9)	8·9 (4·0–21·8)	8·7 (4·1–20·2)	8·4 (4·2–18·2)
Collective violence and legal intervention	0·8 (0·4–1·6)	1·0 (0·5–2·0)	0·9 (0·5–1·9)	0·8 (0·5–1·8)	0·8 (0·5–1·8)	0·8 (0·5–1·7)	0·8 (0·5–1·7)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
All causes	1,602·8 (1,484·4–1,734·2)	1,988·5 (1,853·7–2,124·0)	2,204·6 (2,062·4–2,339·5)	2,397·9 (2,260·5–2,525·6)	2,852·0 (2,709·9–2,980·6)	2,856·4 (2,744·3–2,966·1)	5,044·8 (4,915·9–5,163·5)
Communicable, maternal, neonatal, and nutritional disorders	263·8 (217·1–315·1)	250·2 (204·7–303·4)	250·4 (202·7–301·7)	252·9 (207·4–304·0)	277·0 (229·5–327·1)	270·9 (225·9–315·1)	546·8 (453·5–628·2)
HIV/AIDS and tuberculosis	124·0 (92·3–155·9)	99·2 (70·8–129·6)	86·9 (58·6–117·7)	78·6 (51·8–108·8)	67·8 (44·8–95·8)	50·6 (33·9–72·4)	50·2 (31·7–76·0)
Tuberculosis	70·4 (44·6–97·4)	71·8 (48·5–98·3)	73·8 (48·1–102·5)	73·2 (47·4–103·0)	65·9 (42·7–94·3)	50·6 (33·9–72·4)	50·2 (31·7–76·0)
HIV/AIDS	53·7 (39·7–69·4)	27·3 (14·8–42·0)	13·1 (5·2–25·6)	5·5 (2·2–14·4)	1·9 (1·1–4·6)	–	–
HIV disease resulting in mycobacterial infection	8·6 (5·9–11·5)	4·3 (2·0–6·9)	2·0 (0·6–4·3)	0·8 (0·2–2·4)	0·2 (0·1–0·7)	–	–
HIV disease resulting in other specified or unspecified diseases	45·1 (33·7–58·2)	23·0 (12·8–34·7)	11·1 (4·7–21·4)	4·7 (1·9–12·0)	1·7 (1·0–3·9)	–	–
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	81·2 (63·2–101·3)	91·0 (69·0–115·9)	103·7 (77·7–130·0)	115·9 (89·7–142·1)	152·0 (117·4–187·6)	168·5 (133·4–202·2)	418·5 (337·3–495·4)
Diarrheal diseases	20·6 (14·3–32·5)	23·9 (14·7–39·2)	29·1 (17·6–48·1)	29·2 (18·7–45·1)	36·5 (22·6–59·9)	32·7 (19·7–54·3)	58·8 (39·5–87·0)
Cholera	0·5 (0·3–1·0)	0·5 (0·2–1·0)	0·5 (0·2–0·9)	0·3 (0·1–0·5)	0·2 (0·1–0·5)	0·2 (0·1–0·4)	0·2 (0·1–0·5)
Other salmonella infections	1·4 (0·9–2·4)	1·5 (0·8–2·6)	1·6 (0·9–2·9)	1·4 (0·8–2·5)	1·6 (0·9–3·0)	1·5 (0·8–2·7)	3·1 (1·8–5·2)
Shigellosis	1·9 (1·1–3·3)	2·3 (1·2–4·1)	2·8 (1·5–5·4)	2·9 (1·6–5·1)	3·7 (1·9–6·9)	3·3 (1·7–6·3)	6·0 (3·4–10·1)
Enteropathogenic E coli infection	0·2 (0·1–0·4)	0·3 (0·2–0·6)	0·4 (0·2–0·9)	0·5 (0·2–0·9)	0·7 (0·4–1·4)	0·8 (0·4–1·5)	1·9 (1·0–3·7)
Enterotoxigenic E coli infection	2·5 (1·5–4·2)	2·8 (1·6–4·9)	3·3 (1·8–6·2)	3·2 (1·8–5·4)	3·9 (2·1–7·3)	3·3 (1·8–6·4)	5·7 (3·3–9·3)
Campylobacter enteritis	1·0 (0·6–1·8)	1·2 (0·6–2·2)	1·5 (0·8–2·9)	1·4 (0·8–2·7)	2·0 (1·0–3·8)	2·1 (1·1–4·2)	4·9 (2·7–8·5)
Amoebiasis	1·3 (0·8–2·2)	1·5 (0·9–2·7)	2·0 (1·1–3·7)	2·0 (1·1–3·5)	2·5 (1·4–4·8)	2·3 (1·2–4·4)	4·0 (2·1–6·9)
Cryptosporidiosis	0·4 (0·2–0·7)	0·5 (0·3–0·8)	0·6 (0·3–1·1)	0·6 (0·3–1·0)	0·7 (0·4–1·4)	0·6 (0·3–1·2)	1·0 (0·6–1·8)
Rotaviral enteritis	1·7 (1·1–2·8)	2·1 (1·2–3·7)	2·7 (1·5–5·1)	2·9 (1·6–4·9)	3·6 (2·0–6·8)	3·0 (1·6–5·7)	4·6 (2·7–7·5)
Other diarrheal diseases	9·6 (5·4–17·4)	11·3 (5·7–20·7)	13·9 (6·8–25·9)	14·0 (7·4–25·9)	17·6 (8·7–32·3)	15·5 (7·7–30·6)	27·4 (14·6–47·2)
Typhoid and paratyphoid fevers	2·9 (0·4–5·4)	2·1 (0·3–4·1)	1·3 (0·2–2·5)	1·2 (0·1–2·2)	1·3 (0·2–2·5)	1·1 (0·1–2·2)	1·3 (0·2–2·4)
Lower respiratory infections	44·2 (32·3–58·2)	53·4 (37·0–71·3)	62·0 (42·4–78·8)	76·4 (54·9–96·4)	104·7 (74·2–127·8)	126·9 (96·0–154·3)	347·5 (268·6–416·9)
Influenza	10·0 (7·3–13·2)	11·7 (8·1–15·8)	13·1 (9·0–16·6)	15·5 (11·1–19·7)	20·5 (14·5–25·0)	23·8 (17·9–29·0)	60·0 (46·2–73·0)
Pneumococcal pneumonia	12·6 (9·2–16·5)	15·3 (10·6–20·1)	18·0 (12·3–22·6)	22·4 (16·0–28·2)	31·1 (22·0–37·8)	38·2 (28·8–46·3)	108·5 (84·6–129·3)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
H influenzae type B pneumonia	6·2 (4·5–8·1)	6·9 (4·8–9·4)	7·3 (5·1–9·3)	8·1 (5·8–10·2)	9·9 (7·1–12·1)	10·6 (8·0–12·9)	21·8 (16·6–26·5)
Respiratory syncytial virus pneumonia	0·4 (0·3–0·6)	0·5 (0·4–0·7)	0·6 (0·4–0·8)	0·8 (0·5–1·0)	1·0 (0·7–1·3)	1·3 (1·0–1·5)	3·5 (2·7–4·2)
Other lower respiratory infections	15·0 (10·8–20·0)	18·9 (13·0–25·9)	23·1 (15·9–29·9)	29·7 (21·0–37·9)	42·2 (29·8–51·9)	53·0 (39·6–65·0)	153·6 (119·0–185·5)
Upper respiratory infections	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·3 (0·2–0·3)
Otitis media	0·1 (0·0–0·7)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	<0·05 (0·0–0·3)	<0·05 (0·0–0·4)
Meningitis	8·9 (5·1–13·2)	7·3 (4·7–11·1)	7·8 (4·7–11·9)	6·4 (4·3–9·6)	6·5 (4·2–10·9)	5·4 (3·6–8·9)	7·3 (4·1–13·1)
Pneumococcal meningitis	3·1 (1·7–4·7)	2·4 (1·5–3·9)	2·5 (1·5–3·9)	1·9 (1·3–3·0)	1·9 (1·1–3·3)	1·4 (0·9–2·5)	1·6 (0·8–3·2)
H influenzae type B meningitis	0·6 (0·3–1·0)	0·5 (0·3–0·9)	0·6 (0·4–1·0)	0·6 (0·4–0·9)	0·6 (0·4–1·2)	0·6 (0·4–1·0)	0·9 (0·5–1·8)
Meningococcal infection	1·6 (1·0–2·3)	1·3 (0·9–1·8)	1·3 (0·8–1·9)	1·1 (0·7–1·5)	1·0 (0·6–1·5)	0·8 (0·5–1·1)	0·8 (0·4–1·3)
Other meningitis	3·6 (2·1–5·2)	3·1 (2·0–4·6)	3·3 (2·0–5·0)	2·8 (1·9–4·2)	3·0 (2·0–5·0)	2·6 (1·8–4·3)	3·9 (2·3–6·8)
Encephalitis	3·6 (1·6–6·7)	2·8 (1·4–5·7)	2·8 (1·4–5·6)	1·9 (0·9–4·0)	2·1 (0·9–4·6)	1·7 (0·8–3·6)	2·6 (1·1–5·6)
Diphtheria	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	–	–	–	–	–
Whooping cough	0·1 (0·0–0·4)	0·2 (0·0–1·2)	–	–	–	–	–
Tetanus	0·8 (0·0–3·8)	0·9 (0·0–4·3)	0·5 (0·0–2·3)	0·5 (0·0–2·5)	0·5 (0·0–2·5)	0·4 (0·0–1·9)	0·3 (0·0–1·6)
Measles	0·1 (0·0–0·1)	<0·05 (0·0–0·1)	–	–	–	–	–
Varicella	0·1 (0·0–0·5)	0·1 (0·0–0·4)	0·1 (0·0–0·4)	0·1 (0·0–0·5)	0·1 (0·0–0·6)	0·1 (0·0–0·9)	0·5 (0·0–3·3)
Neglected tropical diseases and malaria	23·1 (13·9–39·8)	23·7 (13·8–41·5)	21·3 (12·7–35·5)	19·2 (11·7–29·8)	18·2 (10·7–29·7)	15·1 (8·9–26·0)	16·2 (9·7–27·5)
Malaria	18·4 (9·6–34·5)	18·9 (9·5–35·9)	17·0 (9·1–31·0)	15·1 (7·9–25·4)	14·4 (7·2–26·2)	12·0 (5·9–21·7)	12·3 (6·2–22·6)
Chagas disease	0·6 (0·1–2·5)	0·8 (0·2–2·9)	0·8 (0·2–3·2)	0·8 (0·1–3·2)	0·8 (0·2–2·9)	0·7 (0·2–2·6)	1·0 (0·3–3·7)
Leishmaniasis	1·5 (0·8–2·2)	1·3 (0·7–2·0)	0·9 (0·5–1·5)	0·8 (0·5–1·2)	0·7 (0·4–1·1)	0·5 (0·3–0·8)	0·5 (0·3–0·9)
African trypanosomiasis	0·2 (0·0–0·5)	0·1 (0·0–0·3)	0·1 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Schistosomiasis	0·5 (0·0–3·0)	0·7 (0·0–4·0)	0·7 (0·0–3·9)	0·6 (0·0–3·5)	0·6 (0·0–3·4)	0·5 (0·0–2·8)	0·3 (0·0–1·8)
Cysticercosis	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Echinococcosis	<0·05 (0·0–0·1)	0·1 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Dengue	0·3 (0·1–0·6)	0·3 (0·1–0·5)	0·3 (0·1–0·5)	0·2 (0·1–0·5)	0·2 (0·1–0·4)	0·2 (0·1–0·5)	0·4 (0·1–0·8)
Rabies	0·9 (0·3–1·9)	0·9 (0·3–1·9)	0·7 (0·3–1·5)	0·7 (0·3–1·7)	0·6 (0·2–1·3)	0·4 (0·1–0·7)	0·2 (0·1–0·5)
Intestinal nematode infections	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Ascariasis	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Other neglected tropical diseases	0·7 (0·4–1·4)	0·8 (0·4–1·6)	0·7 (0·3–1·4)	0·8 (0·3–1·9)	0·9 (0·4–1·8)	0·9 (0·3–1·9)	1·2 (0·4–3·1)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	7·9 (5·5–12·0)	9·3 (6·4–14·4)	13·2 (8·7–20·7)	14·5 (9·4–22·9)	17·1 (11·7–27·2)	18·5 (12·5–29·3)	42·0 (28·0–65·6)
Protein-energy malnutrition	6·6 (4·0–10·8)	7·8 (4·9–12·2)	11·3 (6·9–18·4)	12·3 (7·3–20·4)	14·5 (9·0–24·7)	15·6 (9·5–26·2)	34·0 (19·4–56·7)
Iodine deficiency	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·3 (0·2–0·3)
Iron-deficiency anemia	1·0 (0·7–1·4)	1·2 (0·8–1·6)	1·6 (1·0–2·1)	1·8 (1·1–2·4)	2·1 (1·3–2·7)	2·2 (1·4–2·9)	5·7 (3·3–6·9)
Other nutritional deficiencies	0·2 (0·1–0·3)	0·3 (0·2–0·3)	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·5 (0·3–0·6)	0·6 (0·4–0·7)	2·0 (1·1–2·5)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Other communicable, maternal, neonatal, and nutritional disorders	27·5 (17·9–48·3)	27·0 (18·0–43·6)	25·3 (17·9–39·9)	24·7 (16·8–36·6)	21·9 (15·2–32·1)	18·2 (12·6–26·0)	19·9 (13·6–27·9)
Sexually transmitted diseases excluding HIV	0·3 (0·2–0·6)	0·3 (0·2–0·5)	0·3 (0·2–0·6)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·6)
Syphilis	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·4)	0·3 (0·2–0·5)
Sexually transmitted chlamydial diseases	–	–	–	–	–	–	–
Gonococcal infection	–	–	–	–	–	–	–
Other sexually transmitted diseases	–	–	–	–	–	–	–
Hepatitis	20·1 (11·3–40·9)	18·8 (10·7–34·5)	15·7 (9·6–28·6)	13·1 (8·0–22·3)	10·6 (6·7–17·7)	7·4 (4·9–11·9)	6·0 (4·0–9·4)
Acute hepatitis A	6·8 (1·6–23·2)	6·1 (1·6–18·2)	5·5 (1·6–18·2)	4·6 (1·4–13·7)	3·7 (1·1–10·9)	2·5 (0·7–8·0)	2·3 (0·6–6·5)
Acute hepatitis B	11·8 (5·7–25·3)	11·6 (5·8–23·4)	9·2 (4·6–16·7)	7·7 (3·9–14·8)	6·1 (3·3–11·2)	4·3 (2·2–7·1)	3·3 (1·9–5·1)
Acute hepatitis C	1·3 (0·6–2·7)	1·0 (0·5–1·8)	0·8 (0·5–1·5)	0·8 (0·4–1·3)	0·8 (0·4–1·4)	0·5 (0·3–1·0)	0·4 (0·2–0·7)
Acute hepatitis E	0·3 (0·0–0·8)	0·2 (0·0–0·5)	0·1 (0·0–0·3)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Other infectious diseases	7·1 (3·8–11·3)	7·9 (4·3–13·1)	9·3 (5·2–14·6)	11·3 (6·3–19·3)	11·1 (6·0–19·5)	10·4 (5·6–17·2)	13·6 (7·8–21·5)
Non-communicable diseases	1,109·1 (1,039·2–1,193·3)	1,535·1 (1,436·5–1,634·2)	1,792·8 (1,689·2–1,888·9)	2,012·1 (1,907·4–2,119·2)	2,449·4 (2,335·9–2,556·4)	2,477·1 (2,383·9–2,572·0)	4,318·5 (4,219·9–4,413·3)
Neoplasms	337·5 (300·2–380·8)	498·0 (435·1–555·4)	564·3 (496·2–615·6)	587·8 (522·5–642·5)	648·3 (566·3–704·4)	580·7 (503·6–629·2)	758·8 (671·0–826·9)
Esophageal cancer	26·3 (16·4–34·9)	40·0 (24·6–53·2)	43·6 (26·7–59·8)	41·9 (26·9–57·7)	41·1 (25·3–56·7)	32·1 (20·9–44·1)	32·6 (21·7–42·6)
Stomach cancer	33·7 (21·3–47·7)	53·5 (31·4–73·4)	62·3 (36·4–84·3)	66·6 (43·1–90·7)	75·6 (47·3–104·3)	64·5 (38·7–87·2)	73·1 (46·1–95·5)
Liver cancer	54·5 (41·2–72·9)	74·0 (55·8–100·5)	69·4 (52·0–87·4)	63·8 (50·6–77·9)	61·2 (45·5–73·5)	48·5 (34·3–57·8)	48·3 (32·4–57·8)
Liver cancer secondary to hepatitis B	27·9 (20·6–37·6)	38·1 (28·3–53·0)	35·2 (26·3–44·9)	31·9 (25·0–39·6)	29·5 (21·7–36·6)	22·6 (15·6–27·8)	20·7 (13·8–26·0)
Liver cancer secondary to hepatitis C	9·7 (7·3–13·0)	15·8 (12·2–21·7)	17·6 (13·6–22·1)	17·9 (14·2–21·5)	17·6 (13·6–20·8)	14·5 (10·5–17·1)	15·5 (10·5–18·2)
Liver cancer secondary to alcohol use	10·9 (8·2–14·6)	13·9 (10·6–18·6)	12·5 (9·3–15·7)	11·3 (8·7–13·8)	11·4 (8·4–13·7)	9·4 (6·7–11·3)	10·3 (6·8–12·3)
Other liver cancer	5·9 (4·5–8·0)	6·1 (4·6–8·2)	4·1 (3·2–5·2)	2·8 (2·2–3·4)	2·6 (2·0–3·1)	2·0 (1·4–2·4)	1·8 (1·2–2·2)
Larynx cancer	9·3 (4·3–17·1)	11·5 (5·2–20·4)	12·5 (5·7–22·2)	12·2 (5·7–21·0)	12·0 (5·3–20·6)	9·2 (4·0–16·1)	9·8 (4·5–16·8)
Trachea, bronchus and lung cancers	75·7 (53·7–103·7)	124·0 (85·2–160·9)	150·7 (102·0–188·5)	159·6 (109·2–195·5)	175·3 (113·0–212·4)	151·2 (91·6–181·1)	158·6 (95·6–184·4)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Breast cancer	–	–	–	–	–	–	–
Cervical cancer	–	–	–	–	–	–	–
Uterine cancer	–	–	–	–	–	–	–
Prostate cancer	2·8 (1·3–4·4)	6·8 (3·3–10·6)	14·0 (6·9–21·5)	23·3 (11·9–36·0)	38·7 (19·8–60·7)	50·4 (27·0–78·2)	118·1 (64·8–192·0)
Colon and rectum cancers	21·8 (18·9–26·8)	33·8 (29·5–40·6)	41·9 (36·3–50·5)	47·4 (41·7–55·3)	57·2 (48·8–67·0)	55·6 (47·7–63·4)	83·1 (71·6–96·9)
Mouth cancer	9·5 (7·3–11·4)	11·7 (8·9–14·1)	10·9 (8·7–12·8)	9·4 (7·2–11·1)	8·5 (6·6–9·9)	6·3 (4·9–7·4)	8·4 (6·4–10·0)
Nasopharynx cancer	5·6 (2·8–9·9)	6·8 (3·4–12·2)	6·0 (2·9–10·2)	4·8 (2·6–8·3)	3·9 (2·1–6·4)	2·7 (1·4–4·7)	2·2 (1·2–3·6)
Cancer of other part of pharynx and oropharynx	9·6 (5·4–14·3)	12·3 (6·6–17·9)	12·0 (6·2–18·6)	10·3 (5·2–14·5)	9·4 (4·8–13·6)	6·3 (3·2–8·8)	5·8 (3·0–8·5)
Gallbladder and biliary tract cancer	3·9 (2·0–5·7)	5·6 (2·7–8·0)	6·7 (3·7–9·7)	7·9 (4·4–11·8)	9·5 (5·1–13·6)	9·3 (4·8–13·5)	14·0 (7·1–19·8)
Pancreatic cancer	12·3 (8·1–16·7)	18·9 (12·6–25·6)	22·2 (15·2–31·0)	23·2 (15·1–30·9)	25·5 (17·0–34·1)	22·2 (14·3–30·1)	28·4 (18·0–37·3)
Malignant melanoma of skin	2·3 (1·2–4·3)	2·9 (1·6–5·3)	3·2 (1·6–5·5)	3·2 (1·5–5·1)	3·5 (1·5–5·6)	3·2 (1·5–4·8)	5·3 (2·2–7·2)
Non-melanoma skin cancer	0·9 (0·4–1·6)	1·4 (0·6–2·4)	1·5 (0·6–2·6)	1·7 (0·8–3·0)	2·1 (0·9–3·6)	2·2 (1·0–3·9)	5·8 (2·5–9·9)
Ovarian cancer	–	–	–	–	–	–	–
Testicular cancer	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·5 (0·3–0·7)	0·5 (0·3–0·9)	0·4 (0·2–0·6)	0·7 (0·3–1·2)
Kidney and other urinary organ cancers	7·8 (5·2–11·9)	11·3 (7·6–17·2)	12·8 (8·6–20·0)	13·1 (8·5–20·7)	14·2 (9·2–21·5)	13·2 (8·4–19·1)	17·8 (11·1–27·4)
Bladder cancer	5·1 (3·6–6·7)	8·9 (6·1–11·4)	12·5 (8·5–15·9)	15·0 (10·0–18·6)	20·5 (13·9–25·7)	21·5 (14·4–26·7)	36·9 (24·2–45·0)
Brain and nervous system cancers	10·3 (4·7–15·5)	12·8 (5·7–19·2)	12·4 (5·6–17·8)	11·7 (5·2–17·5)	10·8 (4·4–16·3)	8·4 (3·2–12·9)	9·0 (3·1–13·4)
Thyroid cancer	1·1 (0·7–1·7)	1·6 (1·0–2·6)	1·8 (1·1–2·6)	1·7 (1·1–2·5)	1·9 (1·2–2·7)	1·6 (0·9–2·4)	1·9 (1·1–2·7)
Hodgkin's disease	0·8 (0·4–1·3)	0·8 (0·4–1·4)	0·8 (0·4–1·4)	0·8 (0·4–1·3)	0·8 (0·4–1·4)	0·7 (0·3–1·1)	0·9 (0·4–1·5)
Non-Hodgkin's lymphoma	8·6 (6·4–10·2)	11·4 (8·4–13·8)	12·8 (9·5–15·6)	12·9 (9·4–15·3)	14·2 (10·3–16·9)	13·1 (9·3–15·3)	17·8 (12·1–21·6)
Multiple myeloma	2·4 (1·2–3·9)	3·8 (1·9–6·3)	4·9 (2·5–8·3)	5·5 (2·8–9·5)	6·4 (3·2–10·3)	5·9 (3·0–9·8)	8·4 (4·1–13·5)
Leukemia	8·4 (6·0–10·7)	10·7 (7·6–13·4)	12·4 (8·5–14·8)	13·4 (9·1–16·2)	16·1 (10·6–18·7)	15·8 (9·8–18·0)	24·2 (13·9–28·1)
Other neoplasms	24·3 (13·6–35·9)	32·9 (19·1–48·3)	36·3 (21·2–54·1)	37·9 (22·4–56·0)	39·6 (23·0–55·8)	36·3 (20·4–52·0)	48·0 (27·5–65·1)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Cardiovascular and circulatory diseases	439·0 (409·0–473·7)	615·7 (576·0–657·6)	736·0 (697·3–776·5)	853·3 (809·8–897·1)	1,104·8 (1,055·0–1,156·0)	1,168·4 (1,123·0–1,217·0)	2,230·8 (2,159·2–2,306·9)
Rheumatic heart disease	11·7 (8·4–16·2)	14·3 (10·4–19·4)	14·0 (10·5–18·0)	14·8 (11·2–18·6)	16·4 (12·5–20·0)	15·6 (11·8–18·8)	26·9 (19·8–30·9)
Ischemic heart disease	232·7 (193·0–264·2)	317·5 (266·9–354·7)	360·4 (305·5–399·2)	400·7 (346·6–445·2)	506·8 (451·1–555·8)	518·9 (471·6–564·9)	1,034·0 (969·7–1,123·9)
Cerebrovascular disease	131·3 (103·0–150·3)	199·8 (159·3–234·6)	259·3 (212·1–296·5)	318·5 (258·0–362·7)	434·9 (354·8–494·7)	472·0 (396·8–545·0)	835·9 (722·3–961·1)
Ischemic stroke	25·5 (21·9–33·2)	47·1 (39·8–62·0)	85·9 (72·6–116·5)	116·4 (97·9–157·2)	189·8 (163·6–248·2)	231·6 (198·4–300·3)	526·4 (465·3–658·4)
Hemorrhagic and other non-ischemic stroke	105·9 (83·0–129·9)	152·7 (120·6–188·2)	173·4 (134·6–221·7)	202·1 (156·7–257·2)	245·1 (185·3–312·8)	240·5 (182·7–305·7)	309·5 (243·8–399·4)
Hypertensive heart disease	21·0 (16·7–26·1)	28·6 (23·1–36·7)	36·1 (29·1–45·7)	44·8 (35·2–54·0)	54·4 (44·0–68·3)	59·3 (48·3–73·4)	115·1 (95·4–143·9)
Cardiomyopathy and myocarditis	20·3 (16·3–25·7)	22·8 (18·1–28·0)	23·1 (18·6–27·9)	22·3 (18·1–28·0)	23·7 (19·3–28·7)	22·6 (18·9–27·4)	43·0 (36·7–51·9)
Atrial fibrillation and flutter	0·7 (0·4–1·2)	1·1 (0·7–1·9)	1·9 (1·2–3·3)	2·7 (1·7–4·5)	4·5 (2·8–7·7)	6·7 (4·0–10·9)	24·5 (15·4–39·4)
Aortic aneurysm	4·6 (2·8–7·9)	7·7 (4·7–12·9)	10·7 (6·8–17·4)	14·3 (9·1–23·9)	19·0 (12·3–30·6)	20·4 (13·1–32·3)	34·0 (22·4–50·4)
Peripheral vascular disease	0·5 (0·2–1·1)	0·9 (0·4–1·9)	1·3 (0·5–3·0)	1·7 (0·7–3·5)	2·3 (0·9–4·6)	3·1 (1·2–6·2)	8·6 (3·5–17·1)
Endocarditis	1·7 (1·2–2·4)	2·0 (1·5–2·9)	2·0 (1·5–2·8)	2·0 (1·6–2·8)	2·2 (1·7–2·8)	2·4 (1·9–3·0)	4·5 (3·6–5·6)
Other cardiovascular and circulatory diseases	14·5 (12·7–16·6)	21·1 (19·0–23·8)	27·1 (24·4–30·4)	31·5 (28·1–35·7)	40·5 (36·9–44·8)	47·4 (43·0–52·8)	104·2 (97·0–112·2)
Chronic respiratory diseases	73·6 (60·9–91·9)	121·2 (101·9–147·9)	181·3 (155·5–212·7)	254·0 (222·4–292·4)	344·1 (311·1–386·8)	374·5 (341·8–411·1)	655·7 (611·1–703·6)
Chronic obstructive pulmonary disease	48·4 (36·2–66·2)	86·2 (64·5–116·3)	135·9 (107·6–179·3)	198·5 (162·3–251·3)	275·2 (228·9–340·3)	304·0 (259·6–369·1)	534·6 (462·5–638·5)
Pneumoconiosis	3·4 (1·5–6·9)	5·1 (2·4–9·8)	7·9 (3·8–16·3)	10·7 (5·0–21·6)	13·6 (6·5–26·4)	13·5 (6·8–25·5)	26·5 (13·4–54·3)
Asthma	11·6 (7·2–24·6)	15·8 (9·8–32·0)	19·2 (12·7–37·2)	23·3 (15·6–43·7)	27·4 (19·2–49·1)	25·9 (17·9–45·2)	35·6 (25·2–61·5)
Other interstitial lung disease	3·0 (1·8–5·0)	4·7 (2·6–7·9)	7·3 (4·0–12·2)	8·5 (5·1–13·7)	11·0 (6·4–17·2)	12·2 (7·1–19·1)	20·8 (11·5–32·2)
Other chronic respiratory diseases	7·1 (4·8–11·4)	9·4 (6·1–14·1)	11·1 (7·3–16·8)	12·9 (8·5–18·5)	16·9 (10·9–24·4)	19·0 (12·6–26·1)	38·3 (25·1–52·1)
Cirrhosis of the liver	88·0 (65·0–107·1)	92·7 (70·6–114·5)	83·3 (61·5–101·3)	67·7 (52·6–82·8)	58·0 (44·1–72·2)	42·2 (33·8–54·4)	46·3 (36·8–60·2)
Cirrhosis of the liver secondary to hepatitis B	26·2 (19·4–34·0)	29·5 (23·4–40·5)	27·9 (21·3–36·6)	23·2 (17·8–31·1)	19·4 (15·5–26·2)	13·4 (10·7–18·3)	12·4 (10·0–17·7)
Cirrhosis of the liver secondary to hepatitis C	19·6 (14·1–24·0)	22·8 (17·2–29·1)	22·6 (16·5–28·0)	19·3 (14·4–24·4)	16·4 (12·5–21·2)	12·1 (9·4–15·6)	13·7 (10·6–18·1)
Cirrhosis of the liver secondary to alcohol use	30·9 (21·8–37·8)	30·6 (23·3–38·6)	25·9 (19·0–31·9)	20·5 (15·5–25·9)	18·2 (13·7–23·2)	13·8 (10·7–17·9)	17·1 (13·4–22·5)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
Other cirrhosis of the liver	11·4 (8·1–14·2)	9·8 (7·3–12·7)	6·9 (5·1–8·6)	4·7 (3·6–6·1)	4·0 (3·1–5·2)	2·9 (2·3–3·8)	3·2 (2·4–4·2)
Digestive diseases (except cirrhosis)	40·0 (30·7–50·8)	44·5 (34·0–54·0)	49·7 (38·2–61·2)	52·1 (41·2–63·0)	61·5 (48·1–74·1)	63·2 (49·3–77·6)	117·9 (92·1–140·8)
Peptic ulcer disease	12·0 (8·8–17·1)	11·5 (8·8–15·8)	12·8 (9·5–16·8)	13·1 (10·1–17·3)	15·0 (11·5–20·0)	14·4 (11·2–19·1)	23·6 (18·8–30·1)
Gastritis and duodenitis	0·5 (0·3–0·7)	0·6 (0·4–0·9)	0·6 (0·4–1·0)	0·7 (0·4–1·0)	0·7 (0·5–1·2)	0·8 (0·6–1·2)	1·8 (1·2–3·0)
Appendicitis	1·0 (0·4–1·7)	1·2 (0·5–2·0)	1·4 (0·6–2·3)	1·5 (0·6–2·5)	1·6 (0·6–2·8)	1·4 (0·6–2·4)	2·1 (0·9–3·2)
Paralytic ileus and intestinal obstruction without hernia	4·4 (2·6–7·2)	5·2 (3·0–9·5)	6·0 (3·6–9·6)	6·4 (3·8–10·6)	8·2 (5·1–13·4)	8·8 (5·3–14·7)	17·0 (10·3–25·4)
Inguinal or femoral hernia	0·4 (0·4–0·4)	0·6 (0·5–0·6)	0·7 (0·7–0·7)	0·8 (0·7–0·8)	1·1 (1·0–1·1)	1·2 (1·2–1·2)	2·6 (2·4–2·6)
Noninfective inflammatory bowel disease	0·8 (0·5–1·2)	1·0 (0·7–1·5)	1·0 (0·6–1·5)	1·1 (0·7–1·7)	1·3 (0·9–1·8)	1·4 (0·9–1·9)	3·3 (2·2–4·4)
Vascular disorders of intestine	1·3 (0·3–3·8)	2·0 (0·4–6·1)	2·7 (0·6–8·3)	3·4 (0·8–10·5)	5·1 (1·2–14·7)	5·6 (1·2–16·9)	12·1 (2·7–36·4)
Gall bladder and bile duct disease	1·9 (1·3–2·8)	2·4 (1·7–3·7)	3·0 (2·1–4·4)	3·5 (2·4–5·3)	4·6 (3·1–6·6)	5·3 (3·5–7·7)	11·8 (7·5–16·2)
Pancreatitis	4·6 (3·0–6·5)	4·5 (2·9–6·5)	4·1 (2·7–5·9)	3·7 (2·5–5·3)	3·9 (2·6–5·6)	3·6 (2·3–5·0)	5·3 (3·3–7·3)
Other digestive diseases	13·0 (9·0–20·1)	15·5 (11·7–21·9)	17·4 (12·6–25·8)	17·9 (13·2–25·9)	20·2 (15·3–28·7)	20·6 (15·7–29·7)	38·5 (30·7–54·7)
Neurological disorders	24·7 (17·0–41·7)	28·6 (19·0–50·4)	30·5 (21·0–51·8)	35·5 (25·1–60·2)	46·3 (35·4–67·9)	61·0 (47·8–81·3)	171·2 (119·2–214·3)
Alzheimer's disease and other dementias	1·6 (1·1–2·5)	2·5 (1·7–4·0)	4·2 (2·9–6·6)	6·9 (4·7–10·8)	14·2 (9·6–20·7)	26·0 (16·4–36·7)	110·9 (61·4–148·8)
Parkinson's disease	0·6 (0·4–0·9)	1·1 (0·7–1·7)	2·2 (1·4–3·4)	4·3 (2·7–6·8)	8·4 (5·3–12·6)	12·6 (7·6–18·6)	30·1 (16·4–41·6)
Epilepsy	5·5 (3·4–7·4)	4·8 (2·9–6·2)	4·1 (2·2–5·3)	3·8 (2·2–5·0)	3·7 (2·0–5·2)	3·3 (1·8–4·7)	6·1 (3·3–9·1)
Multiple sclerosis	0·9 (0·6–1·2)	1·1 (0·7–1·7)	0·9 (0·6–1·3)	0·7 (0·4–1·0)	0·6 (0·4–0·9)	0·5 (0·3–0·8)	0·4 (0·2–0·6)
Other neurological disorders	16·1 (8·6–33·4)	19·0 (9·4–40·8)	19·1 (9·7–40·3)	19·9 (10·1–43·2)	19·4 (10·3–41·6)	18·5 (9·8–35·7)	23·6 (12·6–47·7)
Mental and behavioral disorders	20·3 (11·9–33·1)	17·6 (10·5–29·2)	12·6 (7·8–21·2)	8·8 (5·6–14·5)	7·6 (5·2–12·6)	5·7 (4·2–9·2)	8·5 (5·8–12·8)
Schizophrenia	0·9 (0·6–1·4)	1·1 (0·8–1·7)	0·8 (0·6–1·2)	0·8 (0·5–1·3)	0·9 (0·5–1·3)	0·8 (0·5–1·3)	1·1 (0·7–1·7)
Alcohol use disorders	14·4 (7·0–27·6)	12·8 (6·0–23·6)	9·2 (4·5–17·4)	5·9 (2·7–11·1)	4·5 (2·2–9·0)	2·6 (1·3–5·5)	2·4 (1·2–4·9)
Drug use disorders	4·2 (1·8–7·7)	2·8 (1·1–4·7)	1·8 (0·8–3·4)	1·3 (0·6–2·6)	1·2 (0·8–2·7)	1·1 (0·6–2·5)	1·8 (1·0–4·3)
Opioid use disorders	2·4 (1·0–4·5)	1·6 (0·6–2·7)	1·0 (0·4–1·9)	0·7 (0·3–1·4)	0·7 (0·4–1·5)	0·6 (0·4–1·4)	1·0 (0·5–2·3)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
Cocaine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	1·7 (0·8–3·2)	1·2 (0·5–2·0)	0·8 (0·4–1·4)	0·6 (0·3–1·1)	0·5 (0·3–1·1)	0·5 (0·3–1·1)	0·8 (0·4–1·8)
Eating disorders	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·9 (0·4–1·5)
Other mental and behavioral disorders	0·6 (0·2–1·0)	0·7 (0·3–1·2)	0·7 (0·3–1·1)	0·7 (0·3–1·2)	0·9 (0·4–1·4)	1·0 (0·4–1·5)	2·3 (1·0–3·9)
Diabetes, urogenital, blood, and endocrine diseases	76·3 (64·3–91·8)	104·6 (85·1–122·3)	121·4 (99·5–140·2)	138·0 (114·5–158·7)	160·3 (134·3–185·6)	161·7 (137·0–183·5)	291·1 (255·2–337·0)
Diabetes mellitus	37·5 (27·1–44·4)	54·4 (39·9–64·7)	65·9 (47·0–75·6)	76·1 (54·6–88·1)	86·7 (60·7–98·8)	83·0 (58·2–93·4)	119·3 (86·1–134·7)
Acute glomerulonephritis	4·0 (1·1–15·1)	4·1 (1·1–13·6)	4·1 (1·2–13·4)	4·1 (1·4–13·1)	4·6 (1·5–13·0)	3·8 (1·1–11·8)	4·5 (1·2–14·1)
Chronic kidney diseases	22·4 (18·8–26·3)	30·3 (23·6–35·7)	32·8 (24·8–37·6)	36·6 (29·2–41·3)	42·1 (33·7–49·0)	44·7 (37·6–50·6)	96·0 (84·0–110·0)
Chronic kidney disease due to diabetes mellitus	6·0 (5·0–7·2)	9·3 (7·4–11·2)	11·5 (8·7–13·8)	11·3 (9·1–13·5)	11·1 (8·7–13·4)	10·0 (8·1–11·8)	18·0 (15·0–21·5)
Chronic kidney disease due to hypertension	5·4 (4·5–6·3)	6·9 (5·3–8·2)	7·1 (5·3–8·4)	8·6 (6·7–9·9)	10·6 (8·4–12·4)	12·0 (9·9–13·6)	27·2 (23·5–31·5)
Chronic kidney disease unspecified	11·1 (9·3–13·0)	14·1 (10·9–16·7)	14·2 (10·8–16·8)	16·6 (13·2–19·2)	20·3 (16·8–23·8)	22·7 (18·9–25·8)	50·7 (43·8–59·0)
Urinary diseases and male infertility	5·2 (2·9–7·6)	7·1 (4·1–10·4)	8·8 (5·0–13·4)	10·6 (6·5–16·6)	14·8 (8·7–22·6)	17·1 (10·9–27·1)	43·7 (25·5–71·4)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	2·7 (1·4–4·0)	3·7 (2·0–5·6)	4·6 (2·5–7·0)	5·7 (3·1–8·5)	8·2 (4·6–12·5)	10·2 (5·6–15·0)	29·5 (15·4–44·6)
Urolithiasis	0·6 (0·3–1·1)	0·9 (0·4–1·7)	0·9 (0·4–1·6)	1·0 (0·5–2·0)	1·3 (0·6–2·5)	1·4 (0·6–2·7)	2·7 (1·2–5·6)
Other urinary diseases	1·9 (1·0–3·0)	2·6 (1·4–3·9)	3·3 (1·8–5·3)	3·9 (2·2–6·5)	5·3 (2·9–8·9)	5·6 (3·3–9·3)	11·5 (6·5–19·9)
Gynecological diseases	–	–	–	–	–	–	–
Uterine fibroids	–	–	–	–	–	–	–
Endometriosis	–	–	–	–	–	–	–
Genital prolapse	–	–	–	–	–	–	–
Other gynecological diseases	–	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	1·4 (1·0–2·3)	1·7 (1·1–2·7)	2·1 (1·3–3·5)	2·3 (1·5–3·8)	3·0 (1·9–4·6)	3·5 (2·2–5·7)	6·6 (4·2–10·8)
Thalassemias	0·4 (0·3–0·5)	0·3 (0·2–0·4)	0·2 (0·1–0·2)	0·1 (0·1–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Sickle cell disorders	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·1–0·5)	0·2 (0·1–0·4)	0·2 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·0–0·1)
G6PD deficiency	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·2–0·3)	0·4 (0·4–0·5)
Other hemoglobinopathies and hemolytic anemias	0·6 (0·3–1·1)	1·0 (0·4–1·7)	1·5 (0·8–2·8)	1·9 (1·0–3·2)	2·6 (1·5–4·1)	3·2 (1·7–5·5)	6·1 (3·6–9·8)
Other endocrine, nutritional, blood, and immune disorders	5·8 (2·6–12·5)	7·0 (3·2–15·8)	7·7 (3·7–17·0)	8·2 (3·9–19·2)	9·2 (4·5–21·6)	9·7 (4·8–21·7)	21·0 (10·9–57·3)
Musculoskeletal disorders	3·0 (1·7–5·2)	4·0 (2·4–7·4)	4·4 (2·7–7·7)	5·0 (2·8–8·7)	6·5 (3·6–11·1)	7·0 (3·9–12·1)	13·3 (7·1–21·6)
Rheumatoid arthritis	0·9 (0·5–1·5)	1·4 (0·9–2·3)	1·7 (1·0–2·8)	1·9 (1·1–3·1)	2·8 (1·6–4·1)	3·0 (1·6–4·7)	3·5 (1·9–5·1)
Other musculoskeletal disorders	2·1 (1·1–3·9)	2·6 (1·5–4·9)	2·7 (1·5–5·1)	3·0 (1·7–5·6)	3·7 (1·9–6·8)	4·0 (2·1–7·1)	9·8 (5·0–15·8)
Other non-communicable diseases	6·7 (4·8–8·7)	8·4 (5·7–11·0)	9·2 (6·0–12·1)	9·8 (6·4–13·0)	12·0 (7·6–15·3)	12·6 (8·0–16·7)	25·0 (17·3–30·6)
Congenital anomalies	3·9 (2·6–5·4)	5·1 (3·0–7·2)	5·6 (3·0–8·0)	5·8 (3·1–8·7)	7·1 (3·7–10·3)	6·9 (3·4–10·4)	13·2 (6·9–17·8)
Neural tube defects	0·3 (0·1–0·7)	0·4 (0·1–1·2)	0·3 (0·1–0·7)	0·4 (0·1–1·0)	0·5 (0·1–1·1)	0·3 (0·1–0·8)	0·4 (0·1–1·0)
Congenital heart anomalies	1·4 (0·9–2·1)	1·8 (1·1–2·7)	2·1 (1·2–3·3)	2·4 (1·4–3·8)	3·2 (1·7–5·3)	3·4 (1·7–5·7)	7·7 (4·7–11·7)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	0·5 (0·3–0·8)	0·6 (0·3–1·0)	0·5 (0·3–0·7)	0·2 (0·1–0·4)	0·1 (0·1–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Other chromosomal abnormalities	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·1 (0·0–0·4)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·3)
Other congenital anomalies	1·7 (1·0–3·0)	2·2 (1·3–3·9)	2·6 (1·4–4·8)	2·6 (1·4–4·9)	3·3 (1·7–5·9)	3·1 (1·6–5·7)	4·9 (2·5–8·5)
Skin and subcutaneous diseases	2·8 (1·5–4·0)	3·3 (1·9–4·9)	3·6 (2·2–5·3)	4·0 (2·2–5·6)	4·9 (3·0–6·6)	5·7 (3·6–7·7)	11·8 (7·4–14·7)
Cellulitis	0·9 (0·5–1·4)	1·1 (0·7–1·7)	1·1 (0·7–1·7)	1·2 (0·6–1·6)	1·2 (0·7–1·6)	1·2 (0·8–1·6)	1·9 (1·2–2·4)
Abscess, impetigo, and other bacterial skin diseases	1·2 (0·7–1·7)	1·3 (0·8–2·0)	1·4 (0·8–2·0)	1·4 (0·8–2·0)	1·6 (1·0–2·1)	1·6 (1·1–2·2)	3·0 (1·9–3·7)
Decubitus ulcer	0·7 (0·4–1·0)	0·8 (0·5–1·2)	1·1 (0·7–1·6)	1·5 (0·8–2·0)	2·1 (1·3–2·9)	2·8 (1·8–3·8)	6·8 (4·3–8·5)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	229·9 (195·5–271·5)	203·2 (167·7–241·2)	161·5 (135·4–190·0)	132·8 (108·1–155·2)	125·6 (103·9–146·7)	108·4 (90·6–125·1)	179·4 (150·3–202·2)
Transport injuries	70·4 (47·9–106·7)	62·6 (40·7–92·1)	47·9 (31·4–71·6)	40·0 (26·2–59·7)	35·6 (23·9–52·1)	28·4 (19·3–40·9)	31·1 (22·9–45·5)

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Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
Road injury	66·9 (44·5–101·8)	59·7 (37·5–87·2)	45·6 (29·3–66·9)	38·2 (25·1–56·7)	34·0 (22·5–50·6)	27·0 (18·4–39·2)	29·7 (21·3–43·8)
Pedestrian injury by road vehicle	24·6 (14·6–42·1)	21·8 (13·0–37·1)	17·4 (10·1–28·5)	14·7 (8·6–24·0)	13·1 (8·0–21·1)	10·5 (6·4–16·6)	12·1 (8·3–18·6)
Pedal cycle vehicle	4·2 (2·7–6·3)	4·4 (2·8–6·9)	3·7 (2·5–5·8)	3·4 (2·1–5·2)	3·5 (2·1–5·2)	2·8 (1·8–4·0)	2·8 (1·9–3·8)
Motorized vehicle with two wheels	11·1 (6·9–17·7)	8·9 (5·5–14·3)	6·5 (4·1–10·3)	5·3 (3·2–8·1)	4·4 (2·9–6·4)	3·2 (2·0–5·2)	3·2 (2·1–4·9)
Motorized vehicle with three or more wheels	22·9 (15·7–32·4)	20·3 (13·1–28·4)	14·6 (9·7–21·5)	12·2 (7·8–17·1)	10·5 (6·9–14·4)	8·8 (5·6–12·4)	10·1 (6·4–14·8)
Road injury other	4·2 (1·2–15·0)	4·3 (1·2–15·2)	3·4 (1·0–11·2)	2·6 (0·7–8·5)	2·5 (0·7–9·4)	1·7 (0·5–5·8)	1·5 (0·5–6·1)
Other transport injury	3·5 (2·5–5·7)	2·8 (2·1–4·1)	2·3 (1·7–3·4)	1·8 (1·4–2·7)	1·7 (1·3–2·2)	1·4 (1·1–1·9)	1·5 (1·1–2·0)
Unintentional injuries other than transport injuries	81·7 (66·8–95·6)	74·9 (60·6–88·1)	62·9 (49·9–74·7)	53·0 (42·3–62·9)	55·2 (43·1–66·9)	52·4 (41·1–61·6)	114·2 (89·3–131·2)
Falls	20·6 (12·8–28·9)	20·3 (12·2–27·5)	19·8 (11·7–27·7)	18·5 (11·1–25·6)	22·5 (12·3–32·8)	23·3 (13·8–31·5)	60·5 (38·8–74·8)
Drowning	11·6 (8·5–17·7)	11·0 (7·8–15·4)	8·5 (6·0–12·0)	6·9 (5·1–9·9)	6·2 (4·5–8·6)	4·9 (3·6–6·9)	6·5 (4·6–8·9)
Fire, heat and hot substances	8·6 (4·9–14·8)	7·1 (3·9–11·0)	6·2 (3·4–9·7)	5·2 (3·1–7·5)	5·3 (3·3–7·4)	4·9 (3·3–6·7)	8·6 (6·1–10·9)
Poisonings	9·1 (5·2–13·6)	8·1 (4·4–11·9)	5·8 (3·2–8·7)	4·1 (2·2–6·2)	3·7 (2·2–5·6)	3·0 (1·6–4·6)	3·7 (2·0–5·4)
Exposure to mechanical forces	12·0 (6·4–17·2)	9·9 (5·1–14·7)	6·7 (3·4–9·4)	4·6 (2·3–6·7)	4·1 (2·1–6·0)	2·8 (1·5–4·0)	3·8 (1·9–5·5)
Mechanical forces (firearm)	3·0 (1·7–4·7)	2·4 (1·1–3·7)	1·5 (0·8–2·4)	1·2 (0·6–1·9)	1·0 (0·4–1·6)	0·7 (0·3–1·0)	0·8 (0·3–1·2)
Mechanical forces (other)	9·1 (5·2–13·3)	7·5 (4·0–11·3)	5·2 (2·9–7·4)	3·4 (1·9–5·2)	3·1 (1·4–4·5)	2·2 (1·0–3·2)	3·0 (1·1–4·3)
Adverse effects of medical treatment	2·5 (1·9–3·2)	3·1 (2·4–4·1)	3·2 (2·7–3·9)	3·3 (2·7–4·2)	3·5 (3·0–4·2)	3·7 (3·1–4·5)	7·0 (5·9–8·5)
Animal contact	2·2 (1·1–4·2)	2·1 (1·1–3·6)	2·0 (1·1–3·6)	1·5 (0·8–2·5)	1·3 (0·7–2·2)	1·1 (0·6–1·8)	1·4 (0·7–2·5)
Animal contact (venomous)	1·6 (0·6–4·1)	1·5 (0·5–3·4)	1·4 (0·5–3·3)	1·1 (0·4–2·2)	0·9 (0·3–1·8)	0·7 (0·2–1·5)	1·0 (0·3–1·9)
Animal contact (non-venomous)	0·6 (0·3–1·0)	0·6 (0·3–1·1)	0·6 (0·3–1·0)	0·5 (0·2–0·8)	0·5 (0·2–1·0)	0·4 (0·2–0·7)	0·5 (0·2–0·8)
Unintentional injuries not classified elsewhere	15·2 (11·0–20·4)	13·2 (9·7–17·0)	10·7 (7·8–14·6)	8·8 (6·5–12·4)	8·6 (6·4–11·0)	8·5 (6·2–10·8)	22·7 (14·3–28·3)
Self-harm and interpersonal violence	69·3 (52·2–94·8)	58·1 (43·5–85·7)	44·8 (32·8–63·3)	35·1 (24·8–52·8)	31·9 (22·5–48·1)	26·5 (19·0–38·8)	33·8 (25·5–52·7)
Self-harm	50·7 (33·8–73·3)	44·7 (29·9–68·2)	36·5 (24·4–54·1)	29·7 (18·7–47·1)	27·9 (18·5–43·5)	23·8 (16·0–35·9)	30·2 (22·2–48·8)
Interpersonal violence	18·5 (12·7–30·8)	13·4 (9·3–23·5)	8·3 (5·7–14·3)	5·5 (3·7–9·3)	4·0 (2·6–6·5)	2·7 (1·6–4·3)	3·6 (2·3–5·7)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
Assault by firearm	7·4 (5·1–11·8)	4·9 (3·3–7·8)	3·1 (2·2–5·0)	1·8 (1·2–2·8)	1·2 (0·7–1·8)	0·7 (0·4–1·0)	0·9 (0·5–1·2)
Assault by sharp object	5·4 (2·9–9·5)	3·9 (2·1–6·9)	2·3 (1·2–4·0)	1·5 (0·7–2·6)	1·1 (0·5–1·8)	0·6 (0·3–1·1)	0·9 (0·4–1·4)
Assault by other means	5·7 (4·0–9·0)	4·6 (3·0–7·5)	3·0 (1·9–4·4)	2·2 (1·5–3·3)	1·8 (1·2–2·6)	1·3 (0·8–1·9)	1·8 (1·2–2·6)
Forces of nature, war, and legal intervention	8·5 (4·6–17·4)	7·6 (4·4–14·7)	5·8 (3·5–10·7)	4·7 (2·9–8·3)	2·9 (1·8–4·8)	1·1 (0·7–1·9)	0·3 (0·1–0·6)
Exposure to forces of nature	7·7 (4·1–15·5)	6·8 (3·8–12·9)	5·1 (3·0–9·0)	4·1 (2·6–6·9)	2·4 (1·6–3·8)	0·9 (0·5–1·4)	0·1 (0·0–0·3)
Collective violence and legal intervention	0·8 (0·5–1·8)	0·8 (0·5–1·7)	0·7 (0·4–1·6)	0·6 (0·4–1·4)	0·5 (0·2–1·0)	0·2 (0·1–0·5)	0·1 (0·0–0·3)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Females, All Ages**	**Females, 0-6 Days**	**Females, 7-27 Days**	**Females, 28-364 Days**	**Females, 1-4 Years**	**Females, 5-9 Years**	**Females, 10-14 Years**
All causes	23,825·8 (22,532·2–24,410·5)	899·5 (767·8–1,043·5)	301·9 (268·4–338·4)	940·0 (845·4–1,083·8)	894·4 (814·2–989·2)	202·8 (188·8–216·8)	164·3 (150·4–180·1)
Communicable, maternal, neonatal, and nutritional disorders	6,047·7 (5,665·5–6,380·2)	827·3 (695·5–971·8)	262·2 (228·8–299·5)	763·4 (676·5–902·2)	660·6 (576·0–760·6)	119·1 (105·2–133·4)	78·4 (68·0–89·8)
HIV/AIDS and tuberculosis	1,069·2 (941·5–1,165·1)	–	–	24·3 (18·9–34·2)	56·8 (48·6–65·9)	18·4 (16·0–21·2)	17·6 (15·5–20·1)
Tuberculosis	418·3 (311·1–491·2)	–	–	9·5 (5·2–19·7)	12·0 (8·9–16·9)	4·2 (2·5–6·5)	3·6 (2·4–5·3)
HIV/AIDS	650·8 (591·4–716·0)	–	–	14·7 (12·3–17·6)	44·8 (37·4–52·7)	14·1 (12·5–15·8)	14·1 (12·4–15·9)
HIV disease resulting in mycobacterial infection	118·5 (107·1–131·6)	–	–	2·8 (2·2–3·4)	8·3 (6·7–10·5)	2·7 (2·2–3·2)	2·8 (2·3–3·3)
HIV disease resulting in other specified or unspecified diseases	532·3 (479·8–590·5)	–	–	12·0 (9·6–14·5)	36·4 (29·0–45·0)	11·4 (9·6–13·3)	11·3 (9·6–13·0)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	2,523·6 (2,276·9–2,761·6)	71·3 (54·8–93·2)	87·6 (72·8–104·8)	458·2 (388·8–591·5)	318·9 (272·0–380·6)	65·4 (52·8–78·6)	38·9 (29·7–49·0)
Diarrheal diseases	729·2 (641·2–829·3)	10·9 (7·4–16·8)	24·4 (17·5–33·8)	168·6 (132·6–209·8)	115·0 (90·0–146·7)	21·0 (15·5–28·2)	10·4 (7·1–15·3)
Cholera	27·6 (19·3–38·3)	0·6 (0·3–1·2)	1·5 (0·8–2·6)	9·7 (5·7–15·5)	8·2 (5·3–12·2)	1·1 (0·7–1·8)	0·4 (0·2–0·7)
Other salmonella infections	40·1 (30·4–51·5)	0·4 (0·2–0·7)	0·9 (0·6–1·5)	6·9 (4·3–10·5)	5·5 (3·9–7·7)	1·7 (1·2–2·5)	1·2 (0·8–2·1)
Shigellosis	62·5 (45·6–82·4)	0·7 (0·4–1·2)	1·5 (0·9–2·5)	10·2 (6·6–15·3)	8·5 (5·6–12·2)	2·2 (1·4–3·4)	1·4 (0·8–2·4)
Enteropathogenic E coli infection	43·0 (30·1–58·4)	1·3 (0·7–2·5)	3·0 (1·7–5·1)	21·0 (12·9–31·1)	9·0 (6·0–13·4)	0·8 (0·5–1·3)	0·2 (0·1–0·4)
Enterotoxigenic E coli infection	61·3 (44·6–79·9)	0·6 (0·3–1·1)	1·4 (0·8–2·3)	9·5 (6·2–13·9)	6·8 (4·6–9·8)	1·4 (0·9–2·1)	0·8 (0·5–1·5)
Campylobacter enteritis	54·3 (39·8–71·4)	1·1 (0·6–1·8)	2·4 (1·4–3·9)	16·8 (11·1–24·2)	9·6 (6·3–13·8)	1·3 (0·8–2·1)	0·6 (0·3–1·1)
Amoebiasis	28·9 (20·3–40·2)	0·1 (0·1–0·2)	0·3 (0·1–0·5)	1·9 (1·0–3·3)	2·1 (1·3–3·1)	0·5 (0·3–0·7)	0·3 (0·2–0·5)
Cryptosporidiosis	47·5 (35·2–61·2)	1·5 (0·9–2·4)	3·2 (2·0–4·7)	22·1 (15·2–30·8)	12·0 (8·6–16·6)	1·1 (0·7–1·6)	0·3 (0·1–0·5)
Rotaviral enteritis	130·6 (98·7–164·4)	2·9 (1·7–5·1)	6·5 (4·1–10·0)	45·1 (31·8–61·5)	32·5 (22·8–44·5)	3·9 (2·5–5·9)	1·2 (0·7–2·1)
Other diarrheal diseases	233·4 (142·9–338·7)	1·6 (0·7–3·0)	3·7 (1·6–6·7)	25·3 (12·4–44·0)	20·9 (10·7–37·5)	7·0 (3·8–11·5)	3·9 (2·0–7·0)
Typhoid and paratyphoid fevers	80·5 (9·8–151·5)	–	–	3·7 (0·5–7·1)	12·5 (1·5–24·0)	9·9 (1·2–18·4)	7·7 (0·9–14·3)
Lower respiratory infections	1,334·2 (1,139·6–1,447·6)	43·2 (31·8–60·9)	37·9 (29·9–49·1)	184·0 (152·3–221·8)	108·9 (92·0–134·0)	14·7 (11·3–20·1)	10·5 (7·8–14·7)
Influenza	244·4 (205·9–269·8)	5·8 (3·7–8·7)	5·1 (3·6–7·4)	25·2 (18·5–33·6)	16·0 (12·8–20·6)	2·6 (1·9–3·5)	2·1 (1·5–3·0)
Pneumococcal pneumonia	449·9 (379·7–494·3)	8·2 (5·5–11·9)	7·1 (5·1–10·0)	34·5 (26·1–46·0)	32·9 (27·0–41·2)	3·9 (3·0–5·3)	2·2 (1·6–3·1)

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Cause	**Females, All Ages**	**Females, 0-6 Days**	**Females, 7-27 Days**	**Females, 28-364 Days**	**Females, 1-4 Years**	**Females, 5-9 Years**	**Females, 10-14 Years**
H influenzae type B pneumonia	173·3 (151·6–194·9)	9·1 (6·0–14·3)	8·0 (5·7–11·3)	39·3 (28·7–51·7)	24·1 (19·3–30·5)	3·1 (2·3–4·3)	2·0 (1·4–2·9)
Respiratory syncytial virus pneumonia	120·2 (96·9–146·6)	15·5 (10·9–22·9)	13·8 (10·1–18·9)	66·0 (50·6–84·2)	15·3 (12·1–19·7)	0·1 (0·1–0·2)	0·1 (0·1–0·1)
Other lower respiratory infections	346·4 (286·0–388·9)	4·5 (2·6–7·7)	3·9 (2·5–6·1)	19·0 (12·6–28·4)	20·7 (15·7–27·7)	5·1 (3·7–7·2)	4·2 (3·0–5·8)
Upper respiratory infections	1·4 (1·2–1·6)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·2 (0·2–0·3)	0·1 (0·1–0·2)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Otitis media	1·7 (0·0–19·4)	<0·05 (0·0–0·2)	0·1 (0·0–0·8)	0·9 (0·0–10·2)	0·2 (0·0–1·7)	<0·05 (0·0–0·4)	<0·05 (0·0–0·3)
Meningitis	190·3 (153·9–224·3)	6·4 (3·7–10·0)	12·3 (8·6–17·5)	42·0 (29·5–57·2)	31·4 (23·4–44·7)	8·9 (6·2–12·3)	5·6 (3·9–8·5)
Pneumococcal meningitis	52·9 (42·1–61·6)	1·3 (0·7–2·0)	2·4 (1·6–3·6)	8·1 (5·5–11·2)	8·8 (6·5–12·6)	2·9 (2·0–4·0)	1·9 (1·3–3·0)
H influenzae type B meningitis	38·0 (30·8–47·3)	1·7 (1·0–2·6)	3·3 (2·2–4·9)	11·2 (7·8–15·9)	10·6 (7·7–15·0)	2·9 (1·9–4·2)	1·3 (0·9–2·2)
Meningococcal infection	33·3 (26·5–39·0)	0·9 (0·4–1·7)	1·7 (1·1–2·8)	5·1 (3·2–7·4)	6·6 (4·8–9·4)	1·9 (1·4–2·6)	1·2 (0·9–1·7)
Other meningitis	66·1 (52·7–77·8)	2·6 (1·5–3·9)	4·8 (3·4–6·9)	17·7 (12·4–24·2)	5·4 (4·0–7·6)	1·2 (0·9–1·7)	1·1 (0·7–1·6)
Encephalitis	53·6 (41·8–65·7)	1·2 (0·7–2·0)	2·5 (1·4–4·4)	8·4 (5·7–12·9)	7·0 (4·4–11·1)	3·9 (2·1–6·4)	2·5 (1·2–4·8)
Diphtheria	1·4 (0·0–11·5)	–	–	0·3 (0·0–2·7)	0·7 (0·0–6·3)	0·2 (0·0–1·3)	<0·05 (0·0–0·4)
Whooping cough	39·1 (0·1–190·5)	–	–	31·7 (0·1–153·8)	6·4 (0·0–31·8)	0·3 (0·0–1·7)	0·1 (0·0–0·5)
Tetanus	28·5 (11·5–55·5)	9·5 (2·8–21·1)	10·2 (3·9–20·3)	2·7 (1·0–5·9)	0·4 (0·0–2·0)	0·4 (0·0–1·9)	0·3 (0·0–1·5)
Measles	60·2 (20·2–140·4)	–	–	14·9 (5·0–35·2)	35·5 (11·9–82·8)	5·9 (2·0–13·6)	1·8 (0·6–4·1)
Varicella	3·5 (0·0–23·7)	<0·05 (0·0–0·3)	0·1 (0·0–0·6)	0·7 (0·0–4·4)	0·7 (0·0–4·5)	0·2 (0·0–1·0)	0·1 (0·0–0·5)
Neglected tropical diseases and malaria	593·9 (451·5–800·1)	0·2 (0·1–0·4)	11·0 (5·3–21·0)	115·0 (63·4–194·2)	193·7 (116·3–304·6)	21·4 (15·4–28·9)	12·4 (8·8–17·3)
Malaria	532·4 (394·7–733·9)	–	10·7 (5·0–20·6)	111·9 (60·4–191·0)	185·1 (107·9–296·9)	16·6 (11·2–23·8)	9·5 (6·1–14·4)
Chagas disease	3·4 (2·1–8·2)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Leishmaniasis	15·6 (9·3–24·4)	–	0·1 (0·0–0·2)	1·3 (0·7–2·4)	3·2 (1·8–5·6)	1·5 (0·8–2·6)	1·2 (0·6–2·0)
African trypanosomiasis	4·1 (0·5–13·2)	–	–	–	0·4 (0·0–1·2)	0·3 (0·0–1·1)	0·4 (0·0–1·2)
Schistosomiasis	6·5 (0·0–39·0)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)
Cysticercosis	0·6 (0·0–2·2)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)

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Echinococcosis	0·7 (0·0–2·6)	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Dengue	7·6 (2·5–13·9)	–	–	0·6 (0·2–1·4)	1·5 (0·3–4·6)	0·7 (0·2–1·9)	0·3 (0·1–0·6)
Rabies	11·2 (4·7–27·6)	–	–	0·3 (0·1–1·0)	1·7 (0·5–5·6)	1·8 (0·6–5·1)	0·7 (0·3–2·1)
Intestinal nematode infections	1·2 (0·0–5·7)	–	–	0·1 (0·0–0·6)	0·7 (0·0–3·4)	0·1 (0·0–0·7)	<0·05 (0·0–0·2)
Ascariasis	1·2 (0·0–5·7)	–	–	0·1 (0·0–0·6)	0·7 (0·0–3·4)	0·1 (0·0–0·7)	<0·05 (0·0–0·2)
Other neglected tropical diseases	10·5 (6·7–15·3)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·8 (0·5–1·4)	1·0 (0·5–2·3)	0·3 (0·1–0·8)	0·3 (0·1–0·6)
Maternal disorders	254·7 (203·8–303·3)	–	–	–	–	–	–
Maternal hemorrhage	58·3 (46·2–68·7)	–	–	–	–	–	–
Maternal sepsis	21·9 (17·6–26·7)	–	–	–	–	–	–
Hypertensive disorders of pregnancy	47·1 (37·7–57·2)	–	–	–	–	–	–
Obstructed labor	10·9 (8·6–13·5)	–	–	–	–	–	–
Abortion	37·1 (29·8–45·1)	–	–	–	–	–	–
Other maternal disorders	79·4 (63·0–92·4)	–	–	–	–	–	–
Neonatal disorders	936·7 (778·2–1,114·8)	726·1 (590·7–872·5)	151·3 (122·2–187·0)	56·7 (41·1–76·8)	2·7 (1·7–4·3)	–	–
Preterm birth complications	367·7 (288·0–464·3)	298·1 (228·8–378·2)	49·6 (34·7–67·6)	19·4 (12·5–29·0)	0·6 (0·3–1·1)	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	206·5 (138·8–289·0)	173·7 (113·3–246·8)	23·9 (15·6–36·4)	7·8 (4·9–12·1)	1·0 (0·5–2·0)	–	–
Sepsis and other infectious disorders of the newborn baby	214·9 (102·1–414·9)	153·5 (70·6–306·2)	45·8 (21·7–92·5)	15·3 (5·8–35·5)	0·3 (0·1–0·9)	–	–
Other neonatal disorders	147·7 (112·7–199·3)	100·7 (72·5–144·7)	32·0 (22·0–46·0)	14·2 (9·1–21·6)	0·8 (0·4–1·5)	–	–
Nutritional deficiencies	354·3 (243·1–442·8)	–	–	64·4 (42·6–93·2)	63·6 (43·0–91·2)	6·3 (4·2–9·6)	4·4 (2·8–6·8)
Protein-energy malnutrition	309·2 (207·6–384·3)	–	–	62·0 (40·7–91·1)	60·0 (40·4–87·1)	5·6 (3·6–8·8)	3·6 (2·2–5·9)
Iodine deficiency	1·8 (1·1–2·1)	–	–	0·1 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Iron-deficiency anemia	37·1 (23·9–44·9)	–	–	2·1 (1·3–3·0)	3·3 (2·2–5·0)	0·7 (0·4–1·0)	0·7 (0·4–1·0)
Other nutritional deficiencies	6·1 (3·6–7·2)	–	–	0·2 (0·1–0·3)	0·1 (0·1–0·2)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)

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Other communicable, maternal, neonatal, and nutritional disorders	315·4 (258·6–382·5)	29·8 (18·5–45·0)	12·4 (8·1–17·8)	44·9 (32·8–60·3)	25·0 (17·7–36·1)	7·5 (5·2–11·1)	5·1 (3·3–8·2)
Sexually transmitted diseases excluding HIV	58·8 (35·8–92·3)	24·1 (13·7–39·4)	5·9 (3·4–9·6)	18·3 (10·4–29·6)	3·9 (2·2–6·3)	1·0 (0·6–1·6)	0·1 (0·1–0·2)
Syphilis	53·8 (31·1–87·0)	24·1 (13·9–39·2)	5·9 (3·4–9·5)	18·3 (10·4–29·6)	3·9 (2·2–6·4)	1·0 (0·6–1·6)	<0·05 (0·0–0·05)
Sexually transmitted chlamydial diseases	1·2 (0·8–1·8)	–	–	–	–	–	<0·05 (0·0–0·05)
Gonococcal infection	0·9 (0·6–1·3)	–	–	–	–	–	<0·05 (0·0–0·05)
Other sexually transmitted diseases	2·9 (2·0–4·5)	–	–	–	–	–	0·1 (0·0–0·1)
Hepatitis	130·0 (106·8–162·8)	–	–	7·6 (4·0–15·4)	7·2 (3·8–15·0)	3·0 (1·6–5·8)	3·0 (1·5–6·0)
Acute hepatitis A	44·5 (20·3–101·3)	–	–	5·3 (1·7–13·7)	2·5 (0·4–7·3)	0·4 (0·1–1·1)	0·4 (0·2–0·8)
Acute hepatitis B	46·1 (27·3–65·7)	–	–	2·4 (1·2–4·5)	0·6 (0·2–1·3)	0·1 (0·1–0·3)	0·1 (0·1–0·3)
Acute hepatitis C	7·3 (4·3–11·5)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)
Acute hepatitis E	32·2 (12·4–68·8)	–	–	–	4·0 (1·2–10·8)	2·4 (0·8–5·6)	2·4 (0·8–5·7)
Other infectious diseases	126·5 (77·6–174·3)	5·7 (2·8–9·4)	6·5 (3·3–10·8)	19·0 (11·1–29·3)	14·0 (8·8–21·2)	3·6 (2·2–6·0)	2·0 (1·3–3·2)
Non-communicable diseases	16,163·6 (15,091·3–16,610·6)	66·1 (48·6–86·6)	33·5 (25·8–42·2)	131·7 (105·7–154·2)	127·3 (105·0–153·1)	44·7 (37·8–51·9)	45·1 (38·9–51·3)
Neoplasms	3,419·1 (3,092·4–3,661·7)	0·7 (0·4–1·2)	0·6 (0·4–1·1)	5·2 (3·3–8·1)	8·7 (5·8–12·4)	9·4 (6·8–11·6)	8·9 (6·7–10·8)
Esophageal cancer	113·0 (76·6–158·8)	–	–	–	–	–	–
Stomach cancer	279·1 (169·1–438·5)	–	–	–	–	–	–
Liver cancer	231·9 (168·6–260·3)	–	–	–	–	0·3 (0·2–0·7)	0·4 (0·2–0·8)
Liver cancer secondary to hepatitis B	84·1 (61·0–97·3)	–	–	–	–	0·1 (0·0–0·1)	0·1 (0·1–0·2)
Liver cancer secondary to hepatitis C	77·1 (55·2–86·3)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Liver cancer secondary to alcohol use	47·9 (34·8–54·7)	–	–	–	–	–	–
Other liver cancer	22·7 (16·7–26·5)	–	–	–	–	0·3 (0·1–0·6)	0·3 (0·1–0·6)
Larynx cancer	13·0 (6·9–17·5)	–	–	–	–	–	–
Trachea, bronchus and lung cancers	456·9 (257·2–548·3)	–	–	–	–	–	–

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Females, All Ages**	**Females, 0-6 Days**	**Females, 7-27 Days**	**Females, 28-364 Days**	**Females, 1-4 Years**	**Females, 5-9 Years**	**Females, 10-14 Years**
Breast cancer	438·7 (420·1–461·9)	–	–	–	–	–	–
Cervical cancer	225·4 (145·2–311·5)	–	–	–	–	–	–
Uterine cancer	58·6 (27·5–87·8)	–	–	–	–	–	–
Prostate cancer	–	–	–	–	–	–	–
Colon and rectum cancers	340·0 (271·6–417·4)	–	–	–	–	–	–
Mouth cancer	44·9 (31·2–56·3)	–	–	–	–	–	–
Nasopharynx cancer	19·3 (10·9–26·8)	–	–	–	–	<0·05 (0·0–0·1)	0·1 (0·1–0·2)
Cancer of other part of pharynx and oropharynx	25·5 (12·6–37·2)	–	–	–	–	–	–
Gallbladder and biliary tract cancer	89·0 (44·7–135·8)	–	–	–	–	–	–
Pancreatic cancer	143·2 (88·4–218·0)	–	–	–	–	–	–
Malignant melanoma of skin	20·8 (11·0–32·2)	–	–	–	–	–	–
Non-melanoma skin cancer	13·2 (5·7–23·4)	–	–	–	–	–	–
Ovarian cancer	160·5 (115·9–200·6)	–	–	–	–	–	–
Testicular cancer	–	–	–	–	–	–	–
Kidney and other urinary organ cancers	60·7 (33·1–93·5)	–	–	0·2 (0·1–0·3)	0·7 (0·4–1·3)	0·4 (0·2–0·9)	0·2 (0·1–0·5)
Bladder cancer	45·0 (36·0–49·9)	–	–	–	–	–	–
Brain and nervous system cancers	87·0 (38·0–108·5)	–	–	–	1·2 (0·3–3·0)	1·7 (0·8–2·4)	1·3 (0·6–1·9)
Thyroid cancer	22·3 (13·2–28·6)	–	–	–	–	–	0·1 (0·0–0·2)
Hodgkin's disease	7·5 (3·8–11·8)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	0·1 (0·0–0·3)	0·1 (0·1–0·2)	0·1 (0·1–0·3)
Non-Hodgkin's lymphoma	87·6 (56·1–98·7)	–	–	0·3 (0·2–0·4)	1·2 (0·7–1·8)	1·2 (0·6–2·0)	0·9 (0·5–1·3)
Multiple myeloma	33·6 (18·3–51·3)	–	–	–	–	–	–
Leukemia	120·7 (71·4–153·9)	–	–	1·7 (1·0–2·6)	3·2 (1·7–4·5)	3·2 (1·8–4·3)	3·6 (2·1–5·1)
Other neoplasms	281·6 (174·3–362·7)	0·7 (0·4–1·1)	0·6 (0·4–1·1)	3·1 (1·4–5·8)	2·2 (1·0–3·9)	2·4 (1·3–3·7)	2·1 (1·2–3·0)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Females, All Ages**	**Females, 0-6 Days**	**Females, 7-27 Days**	**Females, 28-364 Days**	**Females, 1-4 Years**	**Females, 5-9 Years**	**Females, 10-14 Years**
Cardiovascular and circulatory diseases	7,676·1 (6,617·7–8,445·2)	3·7 (2·2–4·9)	2·9 (1·7–4·1)	15·8 (10·4–20·3)	14·4 (9·7–19·4)	5·6 (3·6–7·3)	7·3 (5·1–9·7)
Rheumatic heart disease	191·5 (173·9–207·1)	–	–	–	1·3 (0·7–1·7)	0·6 (0·5–0·8)	1·4 (1·0–2·0)
Ischemic heart disease	3,290·0 (3,082·6–3,500·1)	–	–	3·1 (1·6–4·9)	2·7 (1·6–4·0)	1·3 (0·7–2·4)	1·7 (1·0–2·7)
Cerebrovascular disease	3,005·6 (2,611·8–3,387·2)	1·4 (0·9–2·1)	1·1 (0·7–1·7)	4·3 (2·1–6·7)	4·0 (2·4–5·9)	1·7 (1·1–2·5)	2·2 (1·5–3·3)
Ischemic stroke	1,580·4 (1,484·8–1,729·1)	–	–	1·0 (0·6–1·5)	1·1 (0·7–1·5)	0·3 (0·2–0·4)	0·3 (0·3–0·4)
Hemorrhagic and other non-ischemic stroke	1,425·2 (1,226·1–1,618·8)	1·4 (0·9–2·2)	1·1 (0·7–1·7)	3·3 (1·6–5·7)	2·9 (1·5–4·9)	1·4 (0·9–2·1)	1·9 (1·2–3·0)
Hypertensive heart disease	480·2 (331·6–678·0)	–	–	0·7 (0·4–1·1)	0·9 (0·5–1·4)	0·2 (0·1–0·4)	0·2 (0·1–0·3)
Cardiomyopathy and myocarditis	160·7 (145·7–179·4)	1·1 (0·6–2·0)	1·1 (0·5–2·3)	3·0 (1·6–5·7)	2·5 (1·1–6·3)	0·8 (0·5–1·5)	0·8 (0·5–1·3)
Atrial fibrillation and flutter	71·7 (57·7–92·3)	–	–	–	–	–	–
Aortic aneurysm	73·5 (49·3–98·9)	–	–	–	–	–	–
Peripheral vascular disease	30·7 (18·9–48·7)	–	–	–	–	–	–
Endocarditis	21·7 (14·8–27·4)	0·2 (0·1–0·4)	0·2 (0·1–0·2)	1·0 (0·6–1·3)	0·8 (0·5–1·1)	0·2 (0·1–0·3)	0·2 (0·1–0·3)
Other cardiovascular and circulatory diseases	350·5 (336·1–364·2)	1·0 (0·6–1·4)	0·5 (0·4–0·8)	3·8 (2·6–5·1)	2·2 (1·2–3·5)	0·7 (0·5–0·9)	0·8 (0·6–1·0)
Chronic respiratory diseases	1,601·3 (1,521·4–1,690·1)	1·7 (1·2–2·9)	1·8 (1·2–2·9)	14·6 (10·4–22·0)	11·9 (9·8–14·8)	2·1 (1·6–2·9)	2·2 (1·7–3·2)
Chronic obstructive pulmonary disease	1,243·6 (1,173·9–1,313·5)	–	–	6·5 (3·6–12·6)	3·5 (2·3–5·5)	0·6 (0·4–1·1)	0·7 (0·4–1·5)
Pneumoconiosis	38·1 (21·3–71·0)	–	–	–	0·1 (0·0–0·3)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Asthma	147·3 (127·1–221·2)	–	–	–	4·1 (1·8–6·7)	0·8 (0·4–1·5)	0·8 (0·5–1·5)
Other interstitial lung disease	41·7 (21·8–62·5)	–	–	–	0·2 (0·1–0·5)	0·1 (0·0–0·1)	<0·05 (0·0–0·1)
Other chronic respiratory diseases	130·6 (98·9–177·7)	1·7 (0·9–3·4)	1·8 (1·0–3·4)	8·1 (3·9–15·7)	4·0 (1·7–7·6)	0·6 (0·4–1·2)	0·6 (0·3–1·1)
Cirrhosis of the liver	337·8 (273·6–406·6)	–	–	–	5·3 (3·2–8·8)	1·2 (0·7–2·1)	1·7 (0·9–3·6)
Cirrhosis of the liver secondary to hepatitis B	105·0 (93·4–127·0)	–	–	–	0·2 (0·2–0·4)	0·2 (0·1–0·3)	0·3 (0·2–0·7)
Cirrhosis of the liver secondary to hepatitis C	126·8 (104·0–143·7)	–	–	–	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·2 (0·1–0·5)
Cirrhosis of the liver secondary to alcohol use	49·3 (40·4–55·0)	–	–	–	–	–	–

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Other cirrhosis of the liver	56·7 (47·6–65·2)	–	–	–	4·9 (3·0–8·0)	0·9 (0·6–1·7)	1·1 (0·6–2·4)
Digestive diseases (except cirrhosis)	535·7 (508·6–565·0)	–	–	–	15·0 (11·2–20·5)	2·6 (2·0–3·4)	3·0 (2·1–4·3)
Peptic ulcer disease	105·4 (83·8–132·6)	–	–	–	1·5 (0·6–3·9)	0·4 (0·2–0·8)	0·7 (0·4–1·4)
Gastritis and duodenitis	6·7 (4·4–9·8)	–	–	–	0·2 (0·1–0·4)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Appendicitis	16·0 (7·5–21·1)	–	–	–	1·9 (0·9–4·5)	0·4 (0·2–0·8)	0·3 (0·2–0·6)
Paralytic ileus and intestinal obstruction without hernia	71·0 (44·5–95·8)	–	–	–	2·2 (1·3–3·7)	0·5 (0·3–0·9)	0·5 (0·3–1·1)
Inguinal or femoral hernia	8·4 (8·1–8·5)	–	–	–	0·3 (0·3–0·3)	0·1 (0·0–0·1)	<0·05 (0·0–0·05)
Noninfective inflammatory bowel disease	18·7 (11·8–23·1)	–	–	–	2·6 (0·4–4·7)	0·2 (0·1–0·4)	0·2 (0·1–0·3)
Vascular disorders of intestine	38·8 (20·0–67·8)	–	–	–	0·1 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Gall bladder and bile duct disease	50·2 (35·7–63·1)	–	–	–	0·8 (0·4–1·4)	0·1 (0·1–0·2)	0·2 (0·1–0·3)
Pancreatitis	29·4 (20·3–37·8)	–	–	–	0·2 (0·1–0·5)	0·1 (0·0–0·1)	0·1 (0·1–0·1)
Other digestive diseases	191·2 (129·2–299·5)	–	–	–	5·2 (2·4–10·9)	0·7 (0·4–1·6)	0·9 (0·5–1·9)
Neurological disorders	714·6 (485·4–889·6)	–	–	11·1 (5·9–18·3)	19·0 (9·2–35·0)	8·0 (4·6–12·6)	7·3 (4·5–11·6)
Alzheimer's disease and other dementias	314·3 (155·7–406·3)	–	–	–	–	0·4 (0·2–0·7)	0·3 (0·2–0·6)
Parkinson's disease	50·5 (31·7–66·8)	–	–	–	–	–	–
Epilepsy	78·6 (45·7–101·1)	–	–	3·6 (1·6–6·8)	10·2 (3·6–25·2)	2·9 (1·5–4·9)	2·5 (1·4–3·4)
Multiple sclerosis	10·6 (6·8–13·7)	–	–	–	–	–	–
Other neurological disorders	260·6 (115·8–422·4)	–	–	7·5 (3·5–14·3)	8·8 (3·8–17·2)	4·7 (2·2–8·8)	4·5 (2·1–9·0)
Mental and behavioral disorders	63·0 (47·0–89·0)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·7 (0·3–1·2)	1·3 (0·6–2·5)	0·3 (0·2–0·5)	0·3 (0·2–0·5)
Schizophrenia	8·7 (6·3–11·7)	–	–	–	–	–	–
Alcohol use disorders	20·6 (8·8–42·6)	–	–	–	–	–	–
Drug use disorders	22·4 (12·8–35·0)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·7 (0·3–1·2)	1·2 (0·5–2·3)	0·2 (0·1–0·4)	0·2 (0·1–0·5)
Opioid use disorders	12·1 (6·8–18·8)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·4 (0·2–0·6)	0·6 (0·2–1·1)	0·1 (0·0–0·2)	0·1 (0·1–0·2)

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Cocaine use disorders	0·2* (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Amphetamine use disorders	0·1 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	10·1 (5·9–16·4)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·3 (0·2–0·6)	0·6 (0·2–1·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Eating disorders	4·3 (2·3–6·5)	–	–	–	–	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Other mental and behavioral disorders	7·0 (3·6–11·3)	–	–	–	0·1 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)
Diabetes, urogenital, blood, and endocrine diseases	1,414·9 (1,209·4–1,558·3)	3·1 (1·9–5·7)	2·9 (1·7–5·1)	19·1 (13·4–27·3)	24·9 (14·1–37·8)	9·3 (6·1–13·0)	8·6 (6·1–11·3)
Diabetes mellitus	688·5 (536·1–728·0)	0·3 (0·2–0·5)	0·2 (0·2–0·3)	1·7 (1·0–2·5)	1·8 (1·1–2·6)	0·7 (0·5–1·1)	1·0 (0·6–1·5)
Acute glomerulonephritis	25·6 (13·1–59·8)	–	–	1·7 (0·6–4·0)	3·0 (0·9–7·6)	1·2 (0·4–3·5)	1·1 (0·4–2·9)
Chronic kidney diseases	357·3 (248·7–413·8)	–	–	3·5 (2·0–5·2)	3·9 (2·2–5·6)	1·7 (1·0–2·8)	1·8 (1·1–2·6)
Chronic kidney disease due to diabetes mellitus	92·0 (63·7–109·6)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Chronic kidney disease due to hypertension	81·5 (56·8–95·4)	–	–	0·4 (0·2–0·6)	0·5 (0·3–0·7)	0·2 (0·1–0·4)	0·3 (0·2–0·4)
Chronic kidney disease unspecified	183·8 (126·9–213·5)	–	–	3·1 (1·7–4·7)	3·5 (2·0–4·9)	1·5 (0·8–2·4)	1·5 (0·9–2·3)
Urinary diseases and male infertility	138·8 (101·4–178·9)	0·2 (0·1–0·5)	0·2 (0·1–0·5)	1·1 (0·7–2·0)	1·2 (0·7–2·5)	0·3 (0·2–0·5)	0·4 (0·3–0·6)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	89·2 (52·3–113·6)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·7 (0·4–1·1)	0·7 (0·4–1·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)
Urolithiasis	8·5 (3·9–13·2)	–	–	–	–	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Other urinary diseases	41·1 (29·1–55·8)	0·1 (0·0–0·3)	0·1 (0·1–0·3)	0·4 (0·2–0·9)	0·5 (0·2–1·5)	0·1 (0·1–0·2)	0·2 (0·1–0·2)
Gynecological diseases	7·0 (5·9–8·0)	–	–	–	–	–	–
Uterine fibroids	0·8 (0·6–0·9)	–	–	–	–	–	–
Endometriosis	<0·05 (0·0–0·05)	–	–	–	–	–	–
Genital prolapse	0·4 (0·3–0·4)	–	–	–	–	–	–
Other gynecological diseases	5·9 (4·9–6·7)	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	66·8 (42·0–95·3)	1·0 (0·5–1·7)	0·9 (0·4–1·4)	4·5 (2·1–7·3)	9·3 (2·6–19·0)	3·2 (1·5–5·3)	2·6 (1·4–3·9)
Thalassemias	9·0 (7·1–11·0)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	0·3 (0·2–0·5)	1·1 (0·6–1·7)	0·7 (0·4–1·1)	0·8 (0·4–1·1)

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Cause	**Females, All Ages**	**Females, 0-6 Days**	**Females, 7-27 Days**	**Females, 28-364 Days**	**Females, 1-4 Years**	**Females, 5-9 Years**	**Females, 10-14 Years**
Sickle cell disorders	17·5 (8·5–23·5)	0·1 (0·1–0·1)	0·2 (0·1–0·3)	2·2 (0·9–3·4)	5·0 (1·6–9·0)	1·9 (0·7–3·2)	1·2 (0·5–1·9)
G6PD deficiency	1·7 (1·4–2·0)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	0·1 (0·1–0·3)	0·1 (0·1–0·1)	0·1 (0·0–0·1)
Other hemoglobinopathies and hemolytic anemias	38·6 (22·4–63·3)	0·9 (0·5–1·6)	0·6 (0·3–1·1)	1·9 (0·7–4·2)	3·1 (0·2–10·3)	0·5 (0·1–1·4)	0·6 (0·2–1·4)
Other endocrine, nutritional, blood, and immune disorders	130·9 (71·9–240·1)	1·6 (0·6–4·2)	1·6 (0·6–3·8)	6·6 (3·4–15·0)	5·7 (1·9–12·5)	2·1 (0·7–4·4)	1·7 (0·6–3·5)
Musculoskeletal disorders	98·7 (59·0–153·0)	–	–	–	–	0·4 (0·2–0·7)	0·8 (0·4–1·2)
Rheumatoid arthritis	30·8 (22·8–48·0)	–	–	–	–	0·1 (0·1–0·3)	0·1 (0·1–0·3)
Other musculoskeletal disorders	67·9 (52·4–80·5)	–	–	–	–	0·3 (0·2–0·4)	0·6 (0·4–0·8)
Other non-communicable diseases	302·4 (224·5–354·7)	56·8 (39·9–77·4)	25·2 (18·6–33·7)	65·2 (44·6–83·8)	26·7 (19·5–35·4)	5·8 (4·2–8·6)	5·1 (3·3–8·5)
Congenital anomalies	236·5 (161·3–290·2)	56·8 (39·9–77·4)	22·1 (16·4–29·7)	55·6 (36·4–75·3)	24·4 (17·6–33·5)	5·4 (3·9–8·2)	4·7 (2·9–8·1)
Neural tube defects	33·4 (16·1–55·5)	15·9 (7·0–30·0)	3·8 (1·7–7·2)	5·6 (2·4–11·2)	2·6 (0·9–6·5)	0·7 (0·2–1·6)	0·8 (0·2–2·2)
Congenital heart anomalies	105·0 (84·7–121·3)	19·0 (14·8–24·7)	9·5 (6·9–12·9)	23·4 (15·6–32·6)	11·2 (7·6–16·5)	2·6 (1·7–4·0)	2·2 (1·3–3·9)
Cleft lip and cleft palate	1·0 (0·4–2·0)	0·4 (0·1–0·7)	0·2 (0·1–0·4)	0·4 (0·1–0·7)	0·1 (0·0–0·2)	–	–
Down's syndrome	9·1 (4·8–14·5)	1·1 (0·5–2·2)	0·7 (0·3–1·4)	1·9 (0·9–3·7)	1·4 (0·5–3·0)	0·3 (0·1–0·5)	0·2 (0·1–0·6)
Other chromosomal abnormalities	10·2 (4·6–20·8)	3·0 (1·3–6·7)	1·6 (0·7–3·6)	3·1 (1·2–7·2)	0·7 (0·3–1·9)	0·2 (0·1–0·5)	0·2 (0·1–0·5)
Other congenital anomalies	77·8 (47·9–99·1)	17·4 (9·5–26·2)	6·4 (3·4–9·7)	21·2 (10·7–33·2)	8·3 (3·7–14·3)	1·7 (0·9–3·2)	1·3 (0·7–2·5)
Skin and subcutaneous diseases	56·0 (36·6–67·5)	–	–	2·7 (1·6–4·1)	2·3 (1·2–3·5)	0·4 (0·2–0·5)	0·4 (0·3–0·6)
Cellulitis	12·7 (8·1–15·1)	–	–	0·6 (0·3–0·8)	0·7 (0·4–1·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Abscess, impetigo, and other bacterial skin diseases	19·0 (12·3–23·0)	–	–	2·2 (1·3–3·2)	1·5 (0·8–2·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)
Decubitus ulcer	24·1 (15·8–29·6)	–	–	–	0·1 (0·0–0·1)	<0·05 (0·0–0·05)	0·1 (0·0–0·1)
Other skin and subcutaneous diseases	0·2* (0·0–0·1)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	10·0 (4·8–22·3)	–	3·1 (1·0–9·9)	6·9 (3·5–13·8)	–	–	–
Injuries	1,614·5 (1,417·6–1,782·7)	6·1 (4·9–8·0)	6·2 (4·9–8·0)	44·8 (37·0–55·3)	106·5 (89·4–125·1)	39·1 (33·4–47·6)	40·8 (33·5–52·3)
Transport injuries	347·3 (260·5–461·7)	0·5 (0·3–0·7)	0·5 (0·3–0·7)	5·2 (3·3–7·9)	22·9 (16·3–31·2)	11·8 (8·2–16·8)	10·3 (7·5–14·5)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Females, All Ages**	**Females, 0-6 Days**	**Females, 7-27 Days**	**Females, 28-364 Days**	**Females, 1-4 Years**	**Females, 5-9 Years**	**Females, 10-14 Years**
Road injury	331·4 (287·1–470·6)	0·4 (0·3–0·6)	0·4 (0·3–0·6)	4·9 (3·2–7·9)	21·7 (15·9–29·8)	11·2 (8·9–16·3)	9·7 (7·6–14·4)
Pedestrian injury by road vehicle	111·0 (76·5–142·6)	0·1 (0·0–0·3)	0·1 (0·0–0·2)	1·4 (0·5–3·1)	9·9 (4·5–17·5)	4·7 (3·1–7·0)	3·3 (2·1–5·0)
Pedal cycle vehicle	18·7 (12·5–29·2)	–	–	–	0·7 (0·3–1·4)	0·6 (0·4–1·1)	0·7 (0·4–1·5)
Motorized vehicle with two wheels	32·0 (26·2–36·4)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·3 (0·2–0·6)	1·2 (0·7–2·0)	0·7 (0·4–1·0)	0·8 (0·5–1·1)
Motorized vehicle with three or more wheels	130·2 (100·3–177·5)	0·2 (0·1–0·5)	0·2 (0·1–0·4)	2·4 (1·2–4·6)	7·5 (4·2–12·0)	4·1 (2·7–6·2)	3·6 (2·4–5·7)
Road injury other	39·6 (12·3–92·6)	<0·05 (0·0–0·05)	0·1 (0·0–0·3)	0·8 (0·2–1·9)	2·3 (0·7–5·9)	1·2 (0·4–2·9)	1·3 (0·4–4·1)
Other transport injury	15·8 (10·7–20·0)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·3 (0·2–0·5)	1·3 (0·4–2·6)	0·5 (0·3–1·0)	0·5 (0·3–0·8)
Unintentional injuries other than transport injuries	800·9 (664·5–905·5)	3·9 (2·9–5·6)	4·5 (3·4–6·3)	34·7 (27·0–44·5)	75·8 (60·8–91·7)	24·3 (19·5–31·9)	18·7 (15·1–24·5)
Falls	221·8 (153·8–258·1)	0·5 (0·2–0·8)	0·3 (0·2–0·6)	3·5 (2·2–5·4)	9·0 (5·7–13·5)	2·8 (1·7–4·8)	1·9 (1·2–3·3)
Drowning	103·1 (79·1–134·9)	0·2 (0·1–0·4)	0·1 (0·1–0·2)	2·6 (1·6–4·7)	23·6 (15·6–35·7)	7·0 (5·1–10·0)	5·8 (4·2–8·7)
Fire, heat and hot substances	177·3 (110·6–250·8)	0·3 (0·2–0·5)	0·6 (0·4–0·9)	6·1 (4·0–9·1)	20·5 (12·6–28·7)	6·2 (3·3–12·3)	3·9 (1·9–8·5)
Poisonings	62·0 (39·5–83·2)	0·2 (0·1–0·4)	0·3 (0·2–0·6)	1·7 (1·1–2·5)	4·4 (3·1–7·0)	1·4 (0·9–2·2)	1·6 (1·1–2·6)
Exposure to mechanical forces	59·6 (44·3–79·6)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	1·3 (0·6–2·0)	5·6 (3·5–9·7)	2·5 (1·5–4·5)	2·0 (1·1–4·2)
Mechanical forces (firearm)	25·7 (7·2–62·9)	0·1 (0·0–0·3)	<0·05 (0·0–0·05)	0·5 (0·1–1·4)	1·9 (0·5–4·4)	1·1 (0·3–2·7)	1·1 (0·3–3·0)
Mechanical forces (other)	33·9 (15·3–47·6)	0·1 (0·0–0·1)	0·2 (0·1–0·3)	0·8 (0·2–1·4)	3·8 (1·1–7·7)	1·4 (0·5–3·0)	0·9 (0·3–2·0)
Adverse effects of medical treatment	35·9 (17·4–47·5)	0·4 (0·2–0·7)	0·4 (0·1–0·6)	1·9 (0·8–3·1)	1·5 (0·6–2·7)	0·4 (0·2–0·7)	0·3 (0·1–0·6)
Animal contact	27·4 (14·3–43·5)	0·5 (0·2–0·9)	0·4 (0·2–0·8)	2·7 (0·9–5·4)	4·1 (1·5–7·4)	1·7 (0·7–3·3)	1·2 (0·5–2·4)
Animal contact (venomous)	19·0 (7·4–37·2)	0·2 (0·1–0·5)	0·4 (0·2–0·8)	1·7 (0·5–3·9)	2·9 (0·9–5·6)	1·3 (0·4–3·2)	0·9 (0·3–2·2)
Animal contact (non-venomous)	8·4 (3·8–14·8)	0·2 (0·1–0·7)	<0·05 (0·0–0·05)	0·9 (0·2–2·1)	1·2 (0·4–2·6)	0·3 (0·1–0·7)	0·3 (0·1–0·7)
Unintentional injuries not classified elsewhere	113·8 (78·5–134·6)	1·7 (1·0–3·2)	2·2 (1·3–3·8)	15·0 (10·0–23·6)	7·0 (4·7–10·6)	2·4 (1·5–3·7)	2·0 (1·3–3·2)
Self-harm and interpersonal violence	392·5 (279·1–494·3)	1·1 (0·7–1·7)	0·4 (0·2–0·7)	2·1 (1·4–2·9)	4·8 (3·1–7·1)	2·2 (1·6–2·8)	7·1 (4·2–12·3)
Self-harm	304·6 (194·6–407·0)	–	–	–	–	0·4 (0·2–0·8)	4·9 (2·2–10·2)
Interpersonal violence	87·8 (72·7–103·3)	1·1 (0·7–1·7)	0·4 (0·2–0·7)	2·1 (1·4–2·9)	4·8 (3·1–7·1)	1·8 (1·2–2·3)	2·1 (1·6–2·6)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Females, All Ages**	**Females, 0-6 Days**	**Females, 7-27 Days**	**Females, 28-364 Days**	**Females, 1-4 Years**	**Females, 5-9 Years**	**Females, 10-14 Years**
Assault by firearm	23·6 (11·8–39·9)	0·1 (0·0–0·1)	0·2 (0·0–1·0)	0·3 (0·1–0·6)	0·8 (0·3–1·7)	0·4 (0·2–0·8)	0·6 (0·3–1·1)
Assault by sharp object	23·9 (13·9–36·9)	0·1 (0·1–0·2)	<0·05 (0·0–0·05)	0·2 (0·1–0·4)	0·6 (0·2–1·4)	0·3 (0·1–0·4)	0·4 (0·2–0·6)
Assault by other means	40·4 (30·6–47·4)	0·9 (0·6–1·6)	0·2 (0·0–0·3)	1·5 (1·1–2·2)	3·4 (1·8–5·8)	1·1 (0·8–1·5)	1·1 (0·7–1·6)
Forces of nature, war, and legal intervention	73·9 (38·2–166·6)	0·6 (0·4–0·9)	0·8 (0·6–1·2)	2·9 (2·2–3·9)	2·9 (2·2–3·9)	0·9 (0·7–1·2)	4·8 (1·6–15·1)
Exposure to forces of nature	67·7 (34·1–154·6)	0·6 (0·4–0·9)	0·7 (0·5–1·1)	2·5 (1·8–3·5)	2·6 (1·9–3·5)	0·8 (0·6–1·1)	4·5 (1·5–14·6)
Collective violence and legal intervention	6·2 (3·8–12·6)	–	0·1 (0·0–0·1)	0·4 (0·3–0·5)	0·3 (0·2–0·5)	0·1 (0·1–0·1)	0·3 (0·2–0·6)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
All causes	296·8 (268·3–325·7)	423·9 (391·3–459·0)	472·0 (438·8–505·3)	476·6 (442·6–508·0)	530·1 (484·0–574·6)	586·1 (538·3–627·8)	711·0 (655·8–758·8)
Communicable, maternal, neonatal, and nutritional disorders	118·8 (104·1–133·9)	213·3 (193·2–234·3)	266·7 (245·8–288·4)	257·9 (237·6–277·7)	240·7 (215·4–266·8)	188·8 (169·5–208·6)	172·1 (150·8–194·0)
HIV/AIDS and tuberculosis	22·7 (19·7–26·3)	67·4 (57·9–78·1)	128·6 (115·3–143·1)	138·7 (126·4–151·4)	127·5 (113·3–142·7)	96·4 (82·4–108·9)	82·9 (69·0–97·9)
Tuberculosis	9·2 (6·8–11·9)	20·8 (13·9–29·3)	26·4 (17·7–35·7)	25·8 (17·2–35·3)	27·0 (18·0–37·2)	23·9 (17·4–31·7)	26·9 (18·9–36·4)
HIV/AIDS	13·6 (11·3–16·0)	46·6 (39·8–54·8)	102·2 (91·2–114·7)	112·9 (104·0–122·1)	100·5 (89·9–111·4)	72·5 (59·1–82·2)	55·9 (43·8–67·1)
HIV disease resulting in mycobacterial infection	2·6 (2·1–3·1)	8·9 (7·5–10·6)	19·2 (16·9–21·8)	21·0 (19·0–23·3)	18·6 (16·0–21·4)	12·6 (9·9–14·7)	9·4 (7·1–11·5)
HIV disease resulting in other specified or unspecified diseases	11·0 (9·0–13·1)	37·7 (31·6–44·9)	83·0 (73·0–93·7)	91·9 (84·1–100·0)	81·9 (72·9–91·7)	59·8 (48·9–68·3)	46·5 (36·7–56·0)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	37·9 (29·4–46·7)	48·6 (39·7–59·2)	47·9 (39·1–58·3)	41·8 (33·7–50·4)	41·9 (34·2–51·2)	37·9 (31·0–46·2)	44·5 (36·0–54·2)
Diarrheal diseases	10·5 (7·5–15·3)	15·4 (11·5–21·1)	17·3 (13·0–23·9)	15·0 (11·0–20·5)	14·2 (10·4–20·4)	12·2 (9·0–17·3)	14·3 (10·1–20·5)
Cholera	0·4 (0·3–0·7)	0·6 (0·4–0·9)	0·7 (0·4–1·1)	0·6 (0·4–0·9)	0·5 (0·3–0·9)	0·4 (0·3–0·7)	0·4 (0·3–0·7)
Other salmonella infections	1·2 (0·8–2·0)	1·6 (1·1–2·5)	1·7 (1·1–2·6)	1·4 (0·9–2·0)	1·2 (0·7–1·9)	0·9 (0·6–1·5)	1·0 (0·6–1·6)
Shigellosis	1·4 (0·8–2·3)	1·9 (1·2–3·0)	2·0 (1·2–3·3)	1·6 (0·9–2·4)	1·3 (0·8–2·2)	1·1 (0·7–1·8)	1·3 (0·8–2·2)
Enteropathogenic E coli infection	0·2 (0·1–0·4)	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·1 (0·0–0·2)	0·1 (0·1–0·3)
Enterotoxigenic E coli infection	0·9 (0·6–1·7)	1·5 (0·9–2·3)	1·8 (1·1–2·9)	1·7 (1·0–2·6)	1·7 (1·0–2·8)	1·6 (1·0–2·6)	1·8 (1·0–2·8)
Campylobacter enteritis	0·6 (0·4–1·1)	0·8 (0·5–1·3)	0·9 (0·6–1·6)	0·8 (0·4–1·2)	0·7 (0·4–1·2)	0·6 (0·4–1·0)	0·7 (0·4–1·2)
Amoebiasis	0·4 (0·2–0·6)	0·6 (0·4–0·9)	0·8 (0·5–1·3)	0·8 (0·5–1·2)	0·8 (0·5–1·3)	0·7 (0·5–1·2)	0·9 (0·5–1·4)
Cryptosporidiosis	0·3 (0·2–0·4)	0·4 (0·2–0·6)	0·4 (0·3–0·6)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·4)	0·3 (0·2–0·5)
Rotaviral enteritis	1·2 (0·7–2·0)	1·7 (1·1–2·6)	1·8 (1·1–2·7)	1·4 (0·9–2·2)	1·2 (0·7–1·9)	1·0 (0·6–1·6)	1·2 (0·8–2·0)
Other diarrheal diseases	4·0 (2·2–7·0)	6·1 (3·2–9·7)	7·0 (3·9–11·7)	6·3 (3·4–10·6)	6·2 (3·4–11·1)	5·5 (3·0–9·2)	6·5 (3·5–11·2)
Typhoid and paratyphoid fevers	8·1 (1·0–15·0)	7·6 (0·9–14·5)	6·1 (0·7–11·6)	4·9 (0·6–9·1)	4·1 (0·5–7·8)	3·4 (0·4–6·5)	2·7 (0·3–5·2)
Lower respiratory infections	10·9 (8·2–13·7)	15·4 (11·9–19·1)	16·5 (12·2–20·6)	14·9 (11·0–18·5)	16·5 (12·7–20·4)	16·9 (12·4–21·9)	20·1 (15·3–25·9)
Influenza	2·3 (1·7–2·9)	3·4 (2·6–4·3)	3·8 (2·8–4·8)	3·6 (2·6–4·5)	4·1 (3·2–5·1)	4·3 (3·1–5·6)	5·0 (3·8–6·4)
Pneumococcal pneumonia	2·6 (2·0–3·3)	4·2 (3·2–5·3)	5·0 (3·6–6·3)	4·9 (3·6–6·1)	5·7 (4·3–7·0)	6·1 (4·4–7·9)	7·3 (5·4–9·4)
H influenzae type B pneumonia	2·0 (1·5–2·5)	2·8 (2·2–3·5)	2·9 (2·1–3·7)	2·6 (1·9–3·3)	2·8 (2·2–3·5)	2·8 (2·0–3·7)	3·1 (2·4–4·1)

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Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
Respiratory syncytial virus pneumonia	0·1 (0·1–0·1)	0·2 (0·1–0·2)	0·2 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·2–0·3)
Other lower respiratory infections	3·9 (2·9–5·0)	4·9 (3·7–6·1)	4·6 (3·4–6·0)	3·7 (2·7–4·9)	3·7 (2·8–4·9)	3·6 (2·6–5·0)	4·6 (3·4–6·1)
Upper respiratory infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Otitis media	<0·05 (0·0–0·4)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·4)
Meningitis	5·5 (4·1–7·1)	6·6 (4·5–9·0)	5·5 (3·9–7·6)	4·9 (3·3–6·8)	4·9 (3·2–7·2)	3·7 (2·7–5·1)	4·9 (3·2–7·0)
Pneumococcal meningitis	2·0 (1·5–2·6)	2·6 (1·7–3·5)	2·1 (1·5–3·0)	1·9 (1·3–2·7)	1·9 (1·2–2·8)	1·3 (0·9–1·9)	1·7 (1·1–2·6)
H influenzae type B meningitis	0·8 (0·6–1·1)	0·5 (0·3–0·8)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·2–0·4)	0·2 (0·1–0·3)	0·3 (0·2–0·5)
Meningococcal infection	1·3 (1·0–1·7)	1·6 (1·1–2·1)	1·4 (1·0–1·9)	1·2 (0·8–1·6)	1·1 (0·7–1·6)	0·8 (0·6–1·1)	1·0 (0·7–1·3)
Other meningitis	1·3 (1·0–1·8)	1·9 (1·3–2·6)	1·8 (1·2–2·4)	1·6 (1·1–2·3)	1·7 (1·1–2·5)	1·4 (1·0–1·9)	1·9 (1·2–2·7)
Encephalitis	1·7 (1·0–2·8)	2·6 (1·4–4·6)	1·8 (1·1–3·3)	1·6 (0·9–2·8)	1·7 (0·9–3·3)	1·1 (0·6–2·1)	1·9 (1·0–3·5)
Diphtheria	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Whooping cough	0·1 (0·0–0·3)	0·1 (0·0–0·3)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	0·1 (0·0–0·3)	0·1 (0·0–0·3)
Tetanus	0·2 (0·0–1·2)	0·2 (0·0–1·2)	0·2 (0·0–1·0)	0·2 (0·0–1·1)	0·3 (0·0–1·3)	0·3 (0·0–1·4)	0·4 (0·0–1·7)
Measles	0·9 (0·3–2·0)	0·5 (0·2–1·2)	0·3 (0·1–0·6)	0·2 (0·1–0·3)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·1)
Varicella	0·1 (0·0–0·4)	0·1 (0·0–0·4)	0·1 (0·0–0·5)	0·1 (0·0–0·6)	0·1 (0·0–0·6)	0·1 (0·0–0·4)	0·1 (0·0–0·4)
Neglected tropical diseases and malaria	18·6 (12·2–28·9)	22·6 (14·2–38·4)	18·7 (11·1–34·6)	15·3 (9·2–27·4)	13·7 (8·5–24·1)	13·6 (8·2–23·6)	13·3 (8·2–22·0)
Malaria	15·8 (9·4–25·7)	19·8 (11·7–35·5)	16·2 (8·7–32·9)	13·0 (6·9–25·3)	11·2 (6·1–21·6)	11·0 (5·8–21·3)	10·5 (5·7–19·5)
Chagas disease	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·2 (0·1–0·5)
Leishmaniasis	1·0 (0·5–1·8)	1·0 (0·6–1·6)	0·8 (0·4–1·3)	0·7 (0·4–1·2)	0·7 (0·4–1·2)	0·7 (0·4–1·1)	0·6 (0·4–1·1)
African trypanosomiasis	0·5 (0·1–1·7)	0·6 (0·1–1·8)	0·5 (0·1–1·5)	0·4 (0·0–1·2)	0·3 (0·0–0·9)	0·2 (0·0–0·7)	0·2 (0·0–0·6)
Schistosomiasis	<0·05 (0·0–0·3)	0·1 (0·0–0·4)	0·1 (0·0–0·5)	0·1 (0·0–0·7)	0·2 (0·0–1·2)	0·3 (0·0–1·9)	0·5 (0·0–2·8)
Cysticercosis	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)
Echinococcosis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)
Dengue	0·3 (0·1–0·6)	0·3 (0·1–0·7)	0·3 (0·1–0·7)	0·3 (0·1–0·7)	0·4 (0·1–1·3)	0·3 (0·1–0·8)	0·3 (0·1–1·0)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
Rabies	0·6 (0·2–1·7)	0·5 (0·2–1·4)	0·5 (0·2–1·3)	0·4 (0·1–1·1)	0·5 (0·2–1·3)	0·5 (0·2–1·1)	0·5 (0·2–1·1)
Intestinal nematode infections	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Ascariasis	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other neglected tropical diseases	0·2 (0·1–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·6)	0·3 (0·2–0·5)	0·3 (0·2–0·6)	0·4 (0·2–0·7)	0·4 (0·2–0·7)
Maternal disorders	24·3 (17·4–31·9)	55·3 (43·7–68·1)	53·6 (41·4–65·5)	45·8 (35·1–56·2)	40·2 (30·4–52·6)	23·2 (17·9–29·6)	12·3 (9·1–16·4)
Maternal hemorrhage	4·0 (2·9–5·0)	10·1 (7·9–12·3)	11·7 (9·0–14·1)	11·5 (8·9–13·9)	10·7 (8·0–13·7)	6·6 (5·1–8·4)	3·7 (2·7–4·9)
Maternal sepsis	2·8 (1·9–3·8)	5·9 (4·7–7·6)	4·8 (3·7–6·1)	3·4 (2·6–4·5)	2·8 (2·1–3·9)	1·5 (1·1–2·0)	0·6 (0·5–0·9)
Hypertensive disorders of pregnancy	6·5 (4·5–8·8)	11·1 (8·7–14·1)	9·8 (7·4–12·2)	7·6 (5·7–9·7)	6·7 (5·0–9·2)	3·6 (2·8–4·8)	1·7 (1·2–2·4)
Obstructed labor	0·8 (0·5–1·3)	2·7 (1·9–3·7)	2·2 (1·6–3·1)	1·8 (1·2–2·5)	1·9 (1·2–2·9)	1·1 (0·7–1·6)	0·5 (0·3–0·7)
Abortion	3·7 (2·6–5·1)	8·7 (6·9–11·1)	8·0 (6·2–10·1)	6·6 (5·0–8·7)	5·6 (4·1–7·8)	3·0 (2·3–4·1)	1·4 (1·0–2·0)
Other maternal disorders	6·5 (4·8–7·9)	16·8 (13·1–20·1)	17·1 (13·1–20·2)	14·8 (11·5–17·5)	12·4 (9·4–15·3)	7·4 (5·8–9·4)	4·3 (3·2–5·7)
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	7·8 (4·8–13·3)	9·9 (6·0–16·7)	8·7 (5·5–13·9)	8·2 (5·1–12·8)	8·6 (5·3–14·3)	8·2 (5·3–13·6)	8·2 (5·2–12·8)
Protein-energy malnutrition	6·1 (3·5–10·7)	7·5 (4·3–13·1)	6·6 (4·1–10·9)	6·5 (4·0–10·3)	7·1 (4·3–12·6)	6·9 (4·2–12·1)	6·9 (4·2–11·4)
Iodine deficiency	0·1 (0·1–0·1)	0·2 (0·2–0·4)	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·1 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Iron-deficiency anemia	1·5 (1·0–2·4)	2·1 (1·3–3·2)	1·9 (1·2–2·8)	1·5 (1·0–2·3)	1·3 (0·8–1·8)	1·1 (0·7–1·6)	1·0 (0·6–1·4)
Other nutritional deficiencies	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Other communicable, maternal, neonatal, and nutritional disorders	7·4 (4·5–13·1)	9·6 (6·4–14·8)	9·2 (5·9–15·9)	8·2 (5·6–12·6)	8·7 (6·2–13·0)	9·6 (6·8–14·6)	11·0 (7·5–17·3)
Sexually transmitted diseases excluding HIV	0·3 (0·2–0·4)	0·4 (0·3–0·6)	0·5 (0·3–0·8)	0·5 (0·3–0·7)	0·4 (0·3–0·6)	0·4 (0·3–0·6)	0·4 (0·3–0·6)
Syphilis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
Sexually transmitted chlamydial diseases	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)
Gonococcal infection	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other sexually transmitted diseases	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·2–0·5)	0·3 (0·2–0·4)	0·2 (0·2–0·4)	0·2 (0·1–0·3)	0·2 (0·2–0·4)
Hepatitis	5·2 (2·4–11·0)	6·5 (3·6–11·5)	5·8 (3·1–12·5)	5·0 (2·8–9·3)	5·4 (3·3–9·9)	6·2 (4·0–10·8)	7·5 (4·4–13·9)
Acute hepatitis A	0·4 (0·1–0·9)	0·5 (0·2–1·0)	0·6 (0·2–1·5)	0·9 (0·3–2·2)	1·5 (0·5–4·4)	2·3 (0·8–6·4)	3·1 (1·0–8·9)
Acute hepatitis B	0·3 (0·1–0·6)	0·4 (0·2–0·7)	0·4 (0·2–0·9)	0·7 (0·3–1·2)	1·1 (0·6–2·2)	2·2 (1·1–4·1)	3·4 (1·8–6·9)
Acute hepatitis C	<0·05 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·3 (0·0–0·3)	0·3 (0·1–0·5)	0·4 (0·2–0·7)	0·5 (0·3–1·0)
Acute hepatitis E	4·5 (1·2–11·9)	5·6 (1·8–13·0)	4·7 (1·3–13·5)	3·4 (1·0–8·3)	2·5 (0·9–5·5)	1·4 (0·3–3·5)	0·4 (0·0–1·4)
Other infectious diseases	1·9 (1·3–2·9)	2·7 (1·6–4·2)	2·9 (1·7–4·5)	2·7 (1·5–4·1)	2·8 (1·6–4·6)	3·0 (1·7–4·8)	3·1 (1·7–5·2)
Non-communicable diseases	70·2 (61·5–77·8)	95·2 (82·3–105·8)	107·3 (94·8–117·4)	134·7 (118·8–146·9)	204·1 (180·6–221·7)	312·1 (278·8–336·5)	458·9 (412·5–492·5)
Neoplasms	15·6 (11·9–18·9)	19·5 (15·4–23·3)	26·2 (21·7–30·3)	42·2 (36·0–47·5)	74·9 (66·2–82·7)	125·5 (111·9–137·8)	187·9 (170·5–204·1)
Esophageal cancer	0·1 (0·0–0·2)	0·2 (0·1–0·4)	0·3 (0·1–0·5)	0·5 (0·2–1·0)	1·2 (0·7–2·1)	2·9 (1·5–6·0)	4·9 (2·7–8·9)
Stomach cancer	0·2 (0·1–0·3)	0·7 (0·4–1·2)	1·8 (0·8–2·7)	3·4 (1·7–5·2)	5·9 (3·1–9·1)	9·1 (5·1–14·1)	12·3 (6·9–19·8)
Liver cancer	0·7 (0·4–1·4)	1·2 (0·7–2·1)	1·6 (1·0–3·0)	2·5 (1·6–4·1)	4·6 (2·8–7·6)	7·6 (4·7–11·6)	11·5 (8·0–15·9)
Liver cancer secondary to hepatitis B	0·2 (0·1–0·5)	0·4 (0·2–0·7)	0·6 (0·3–1·1)	0·9 (0·6–1·5)	1·8 (1·0–3·0)	2·9 (1·8–4·6)	4·4 (3·0–6·3)
Liver cancer secondary to hepatitis C	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·4 (0·2–0·6)	1·1 (0·7–1·6)	2·3 (1·6–3·0)
Liver cancer secondary to alcohol use	<0·05 (0·0–0·1)	0·2 (0·1–0·3)	0·3 (0·2–0·6)	0·6 (0·4–1·0)	1·2 (0·7–2·0)	1·8 (1·1–2·8)	2·6 (1·8–3·6)
Other liver cancer	0·4 (0·3–0·8)	0·5 (0·3–0·9)	0·6 (0·4–1·1)	0·8 (0·5–1·3)	1·3 (0·8–2·0)	1·8 (1·1–2·6)	2·2 (1·5–3·0)
Larynx cancer	<0·05 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·4)	0·2 (0·1–0·4)	0·4 (0·2–0·8)	0·7 (0·3–1·4)
Trachea, bronchus and lung cancers	0·3 (0·1–0·4)	0·5 (0·3–0·9)	1·0 (0·5–1·6)	2·2 (1·0–3·2)	4·7 (2·5–6·7)	10·7 (5·8–14·8)	18·7 (10·4–24·8)
Breast cancer	0·2 (0·2–0·2)	0·7 (0·6–0·9)	2·3 (2·0–2·8)	6·8 (6·1–7·7)	15·6 (14·2–17·0)	26·0 (24·0–28·1)	38·3 (36·0–41·1)
Cervical cancer	0·2 (0·1–0·3)	0·7 (0·4–1·1)	2·1 (1·3–3·0)	4·8 (2·8–6·6)	9·8 (5·8–13·3)	16·2 (9·5–22·1)	23·7 (14·1–32·6)
Uterine cancer	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·5)	0·7 (0·3–1·1)	1·4 (0·6–2·1)	2·3 (1·0–3·2)
Prostate cancer	–	–	–	–	–	–	–

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Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
	0·3	0·8	1·7	2·6	4·3	7·4	11·7
Colon and rectum cancers	(0·2–0·4)	(0·5–1·1)	(1·2–2·2)	(1·9–3·2)	(3·4–5·7)	(5·7–9·7)	(9·1–15·1)
	0·2	0·3	0·5	0·6	1·0	1·9	2·8
Mouth cancer	(0·1–0·4)	(0·1–0·6)	(0·2–0·9)	(0·3–1·0)	(0·6–1·6)	(1·2–2·9)	(1·9–4·0)
	0·3	0·3	0·3	0·5	1·1	1·5	1·9
Nasopharynx cancer	(0·1–0·7)	(0·1–0·8)	(0·1–0·6)	(0·2–1·1)	(0·5–2·2)	(0·7–2·9)	(1·0–3·8)
	0·2	0·2	0·3	0·6	0·8	1·4	2·1
Cancer of other part of pharynx and oropharynx	(0·0–0·5)	(0·1–0·6)	(0·1–1·1)	(0·1–2·4)	(0·3–2·1)	(0·5–3·0)	(0·8–4·0)
	0·2	0·2	0·4	0·6	0·9	2·0	3·3
Gallbladder and biliary tract cancer	(0·0–0·7)	(0·0–0·7)	(0·1–1·8)	(0·1–2·4)	(0·3–1·8)	(0·7–3·8)	(1·4–5·6)
	0·1	0·2	0·3	0·5	1·0	2·0	3·9
Pancreatic cancer	(0·0–0·5)	(0·1–0·4)	(0·1–0·5)	(0·2–1·0)	(0·5–1·7)	(1·1–3·3)	(2·2–6·3)
	0·1	0·1	0·2	0·3	0·6	0·8	1·2
Malignant melanoma of skin	(0·0–0·1)	(0·1–0·3)	(0·1–0·3)	(0·2–0·5)	(0·3–0·8)	(0·4–1·2)	(0·6–2·0)
	<0·05	0·1	0·1	0·1	0·2	0·2	0·3
Non-melanoma skin cancer	(0·0–0·1)	(0·0–0·1)	(0·0–0·2)	(0·1–0·2)	(0·1–0·3)	(0·1–0·4)	(0·1–0·6)
	0·9	1·1	1·3	2·0	3·8	7·1	12·6
Ovarian cancer	(0·5–1·3)	(0·7–1·5)	(0·9–1·8)	(1·3–2·6)	(2·4–4·9)	(4·6–9·0)	(8·7–16·5)
Testicular cancer	–	–	–	–	–	–	–
	0·2	0·2	0·3	0·3	0·6	1·3	2·1
Kidney and other urinary organ cancers	(0·1–0·5)	(0·1–0·5)	(0·1–0·5)	(0·1–0·6)	(0·3–1·1)	(0·6–2·2)	(1·1–3·5)
	0·1	0·1	0·1	0·2	0·4	0·6	0·9
Bladder cancer	(0·0–0·1)	(0·1–0·1)	(0·1–0·2)	(0·1–0·3)	(0·2–0·6)	(0·4–0·9)	(0·7–1·1)
	1·1	1·3	1·5	2·1	3·1	4·2	5·7
Brain and nervous system cancers	(0·5–1·7)	(0·6–2·0)	(0·7–2·3)	(0·9–3·0)	(1·4–4·7)	(1·8–6·6)	(2·6–8·7)
	0·1	0·1	0·1	0·2	0·3	0·5	0·8
Thyroid cancer	(0·0–0·1)	(0·0–0·1)	(0·1–0·2)	(0·1–0·3)	(0·2–0·5)	(0·3–0·7)	(0·4–1·1)
	0·2	0·4	0·4	0·4	0·4	0·4	0·4
Hodgkin's disease	(0·1–0·3)	(0·2–0·6)	(0·2–0·7)	(0·2–0·6)	(0·2–0·6)	(0·2–0·6)	(0·2–0·7)
	1·4	1·6	1·4	1·7	1·9	2·7	3·6
Non-Hodgkin's lymphoma	(0·7–2·1)	(0·9–2·5)	(0·9–2·1)	(1·0–2·4)	(1·1–2·5)	(1·6–3·7)	(2·2–4·6)
	0·1	0·1	0·1	0·1	0·3	0·5	0·9
Multiple myeloma	(0·0–0·4)	(0·0–0·3)	(0·0–0·3)	(0·0–0·2)	(0·1–0·6)	(0·2–0·8)	(0·4–1·4)
	4·3	3·9	3·5	3·6	4·6	5·4	6·2
Leukemia	(2·5–5·9)	(2·1–5·5)	(2·1–4·8)	(2·0–5·1)	(2·6–6·6)	(3·0–7·6)	(3·6–8·6)
	4·2	4·3	4·2	5·3	7·2	11·3	15·2
Other neoplasms	(2·3–6·3)	(2·3–6·6)	(2·3–6·3)	(2·9–8·0)	(4·1–10·5)	(6·2–16·8)	(8·0–22·5)
	14·4	21·8	25·6	33·9	53·4	88·5	135·9
Cardiovascular and circulatory diseases	(9·5–17·8)	(15·4–27·2)	(18·3–31·6)	(23·7–41·4)	(38·0–63·6)	(63·6–104·5)	(100·6–158·4)
	2·5	3·4	4·2	4·7	5·9	7·2	8·4
Rheumatic heart disease	(1·9–3·4)	(2·6–4·7)	(3·2–5·8)	(3·6–6·4)	(4·6–7·7)	(5·6–9·4)	(6·6–10·8)
	4·0	6·7	7·6	11·4	18·1	32·9	49·7
Ischemic heart disease	(2·8–6·0)	(5·0–9·1)	(5·9–9·8)	(9·0–14·5)	(14·1–22·6)	(25·5–40·5)	(40·2–58·2)
	3·6	5·6	6·8	9·4	16·9	30·8	51·4
Cerebrovascular disease	(2·5–4·9)	(4·2–7·4)	(5·2–8·5)	(7·3–11·3)	(12·5–20·2)	(22·9–36·3)	(38·0–61·5)
	0·6	1·0	1·2	1·7	2·6	4·5	7·7
Ischemic stroke	(0·5–0·7)	(0·8–1·4)	(1·0–1·6)	(1·4–2·2)	(2·1–3·3)	(3·7–5·4)	(6·7–9·0)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
Hemorrhagic and other non-ischemic stroke	3·1 (2·0–4·5)	4·6 (3·3–6·4)	5·6 (4·1–7·3)	7·6 (5·7–9·8)	14·3 (10·8–17·9)	26·3 (20·3–31·9)	43·7 (35·4–52·5)
Hypertensive heart disease	0·6 (0·4–0·9)	1·0 (0·6–1·4)	1·3 (0·9–1·9)	1·9 (1·2–2·8)	3·4 (2·1–5·0)	5·8 (3·7–8·4)	9·6 (6·4–13·7)
Cardiomyopathy and myocarditis	1·4 (1·0–2·1)	1·9 (1·3–2·8)	2·1 (1·6–2·9)	2·4 (1·8–3·2)	3·2 (2·5–4·1)	4·1 (3·4–5·1)	5·7 (4·7–7·0)
Atrial fibrillation and flutter	–	–	–	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·4 (0·2–0·7)
Aortic aneurysm	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·5 (0·3–0·8)	0·8 (0·4–1·5)	1·2 (0·6–2·3)
Peripheral vascular disease	–	–	–	–	–	0·1 (0·1–0·2)	0·2 (0·1–0·3)
Endocarditis	0·3 (0·2–0·4)	0·4 (0·3–0·6)	0·5 (0·3–0·7)	0·5 (0·3–0·7)	0·6 (0·4–0·8)	0·7 (0·4–1·0)	0·8 (0·5–1·2)
Other cardiovascular and circulatory diseases	1·9 (1·5–2·3)	2·6 (2·1–3·2)	2·8 (2·4–3·4)	3·3 (2·8–3·9)	4·9 (4·0–5·9)	6·0 (5·1–7·0)	8·6 (7·3–10·0)
Chronic respiratory diseases	3·9 (3·1–5·2)	5·6 (4·4–7·3)	6·6 (5·3–8·7)	7·3 (5·8–9·5)	11·0 (8·6–14·3)	15·0 (12·1–18·9)	24·3 (20·0–30·1)
Chronic obstructive pulmonary disease	1·5 (0·8–2·7)	2·1 (1·3–3·6)	2·7 (1·7–4·7)	3·1 (2·0–5·3)	5·3 (3·4–8·3)	7·9 (5·5–11·7)	14·5 (10·6–20·4)
Pneumoconiosis	0·1 (0·0–0·1)	0·1 (0·0–0·4)	0·1 (0·0–0·2)	0·1 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·2–0·6)	0·5 (0·2–0·8)
Asthma	1·2 (0·8–2·1)	1·6 (1·1–2·6)	1·9 (1·3–3·4)	2·1 (1·5–3·5)	3·1 (2·1–5·9)	3·9 (2·9–6·6)	5·7 (4·3–9·7)
Other interstitial lung disease	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·4 (0·2–0·6)	0·5 (0·3–0·8)	0·9 (0·4–1·5)
Other chronic respiratory diseases	1·0 (0·6–1·6)	1·6 (0·9–2·8)	1·7 (1·0–3·0)	1·7 (1·1–2·8)	2·0 (1·2–3·5)	2·3 (1·6–3·8)	2·8 (2·0–4·5)
Cirrhosis of the liver	2·0 (1·3–3·1)	3·4 (2·5–4·8)	5·1 (3·4–6·7)	7·5 (5·5–9·7)	10·9 (8·2–13·9)	15·9 (12·8–20·1)	21·4 (16·8–26·2)
Cirrhosis of the liver secondary to hepatitis B	0·5 (0·3–0·7)	0·9 (0·6–1·2)	1·3 (0·9–1·7)	1·9 (1·5–2·5)	2·9 (2·3–4·0)	4·5 (3·6–5·9)	6·2 (5·1–7·8)
Cirrhosis of the liver secondary to hepatitis C	0·3 (0·2–0·5)	0·6 (0·4–0·8)	1·0 (0·7–1·2)	1·5 (1·1–1·9)	2·4 (1·9–3·2)	4·2 (3·5–5·3)	6·7 (5·4–7·9)
Cirrhosis of the liver secondary to alcohol use	0·1 (0·0–0·1)	0·3 (0·2–0·5)	0·7 (0·5–1·0)	1·3 (1·0–1·8)	2·1 (1·7–2·8)	2·8 (2·3–3·5)	3·7 (3·0–4·3)
Other cirrhosis of the liver	1·1 (0·8–1·8)	1·6 (1·2–2·3)	2·1 (1·5–2·8)	2·8 (2·1–3·6)	3·5 (2·8–4·6)	4·2 (3·5–5·3)	4·8 (3·9–5·7)
Digestive diseases (except cirrhosis)	5·2 (3·7–7·7)	7·8 (6·0–10·3)	7·1 (5·6–9·5)	8·3 (6·6–10·8)	9·8 (7·8–12·9)	12·9 (10·5–16·5)	16·0 (13·2–20·1)
Peptic ulcer disease	1·6 (0·7–3·4)	2·4 (1·3–4·1)	1·9 (1·1–3·2)	2·3 (1·4–4·0)	2·6 (1·6–4·6)	3·6 (2·1–6·1)	4·2 (2·5–7·4)
Gastritis and duodenitis	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)
Appendicitis	0·4 (0·2–0·6)	0·4 (0·2–0·7)	0·4 (0·2–0·8)	0·4 (0·2–0·8)	0·4 (0·2–0·7)	0·5 (0·2–0·8)	0·5 (0·2–0·8)
Paralytic ileus and intestinal obstruction without hernia	0·6 (0·4–1·0)	1·0 (0·5–1·6)	0·9 (0·5–1·5)	1·1 (0·6–1·8)	1·3 (0·8–2·2)	1·6 (0·9–2·4)	2·0 (1·2–3·0)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
Inguinal or femoral hernia	<0·05 (0·0–0·05)	0·1 (0·1–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·2 (0·2–0·2)
Noninfective inflammatory bowel disease	0·3 (0·1–0·6)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·4 (0·2–0·5)	0·4 (0·3–0·6)	0·5 (0·3–0·7)
Vascular disorders of intestine	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·5)	0·4 (0·2–0·9)
Gall bladder and bile duct disease	0·3 (0·2–0·5)	0·5 (0·3–0·7)	0·6 (0·4–0·8)	0·6 (0·5–0·9)	0·8 (0·5–1·2)	1·0 (0·7–1·6)	1·3 (0·9–1·9)
Pancreatitis	0·2 (0·1–0·3)	0·4 (0·3–0·6)	0·5 (0·3–0·7)	0·6 (0·4–0·9)	0·8 (0·5–1·1)	1·0 (0·7–1·4)	1·2 (0·8–1·7)
Other digestive diseases	1·7 (0·8–3·3)	2·5 (1·3–5·1)	2·2 (1·2–4·6)	2·6 (1·4–4·7)	3·0 (1·7–5·6)	4·3 (2·6–7·6)	5·5 (3·5–9·5)
Neurological disorders	9·6 (6·1–14·4)	11·5 (7·5–16·4)	10·2 (6·7–15·0)	10·3 (6·8–15·2)	11·7 (7·4–19·5)	13·5 (8·3–21·0)	16·8 (9·9–29·3)
Alzheimer's disease and other dementias	0·3 (0·2–0·5)	0·3 (0·2–0·6)	0·2 (0·1–0·4)	0·2 (0·2–0·4)	0·4 (0·2–0·6)	0·5 (0·3–0·8)	0·6 (0·4–0·9)
Parkinson's disease	–	0·1 (0·1–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)
Epilepsy	4·4 (2·7–5·8)	5·7 (3·5–7·9)	4·9 (3·2–6·8)	4·2 (2·7–5·7)	4·1 (2·7–5·4)	3·8 (2·5–4·8)	3·5 (2·1–4·7)
Multiple sclerosis	–	0·1 (0·1–0·2)	0·3 (0·1–0·4)	0·4 (0·2–0·6)	0·6 (0·4–0·9)	0·8 (0·5–1·2)	1·2 (0·8–1·7)
Other neurological disorders	4·9 (2·2–9·3)	5·3 (2·5–10·2)	4·7 (2·1–9·8)	5·4 (2·4–10·4)	6·5 (2·8–13·8)	8·2 (3·7–15·5)	11·3 (4·9–23·7)
Mental and behavioral disorders	1·2 (0·6–1·8)	2·0 (1·1–2·9)	2·7 (1·7–3·9)	2·9 (1·9–4·3)	3·6 (2·4–5·5)	4·9 (3·3–7·4)	5·4 (3·5–8·2)
Schizophrenia	–	–	0·3 (0·2–0·5)	0·4 (0·3–0·7)	0·6 (0·3–1·0)	0·8 (0·5–1·5)	0·7 (0·4–1·2)
Alcohol use disorders	0·1 (0·0–0·3)	0·2 (0·1–0·5)	0·4 (0·2–0·9)	0·7 (0·3–1·5)	1·2 (0·5–2·6)	1·9 (0·8–3·9)	2·5 (1·0–4·8)
Drug use disorders	0·8 (0·4–1·3)	1·5 (0·7–2·5)	1·7 (0·8–2·9)	1·5 (0·8–2·8)	1·6 (0·7–2·8)	1·8 (0·8–3·3)	1·8 (0·8–3·2)
Opioid use disorders	0·4 (0·2–0·7)	0·8 (0·4–1·4)	1·0 (0·5–1·6)	0·9 (0·4–1·5)	0·9 (0·4–1·5)	1·0 (0·4–1·8)	1·0 (0·4–1·9)
Cocaine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·4 (0·2–0·6)	0·7 (0·3–1·2)	0·7 (0·4–1·3)	0·7 (0·4–1·2)	0·7 (0·3–1·2)	0·8 (0·4–1·4)	0·8 (0·3–1·4)
Eating disorders	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)
Other mental and behavioral disorders	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)
Diabetes, urogenital, blood, and endocrine diseases	12·1 (9·4–15·9)	16·3 (12·8–20·4)	16·5 (13·5–20·0)	17·3 (14·2–20·6)	22·8 (18·7–26·9)	28·6 (24·2–33·4)	43·3 (36·5–48·7)
Diabetes mellitus	1·9 (1·2–2·7)	2·9 (1·9–4·1)	3·5 (2·9–4·4)	4·1 (3·2–5·1)	6·4 (5·0–7·9)	10·4 (7·7–12·4)	19·0 (14·3–22·5)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
Acute glomerulonephritis	1·1 (0·3–3·3)	1·2 (0·4–3·6)	0·8 (0·3–2·1)	0·9 (0·4–2·2)	1·0 (0·4–2·7)	0·9 (0·4–2·5)	1·1 (0·4–3·3)
Chronic kidney diseases	3·0 (2·1–4·1)	4·2 (3·0–5·4)	4·7 (3·3–5·9)	5·3 (3·9–6·9)	8·2 (5·6–10·5)	9·5 (6·6–12·0)	13·3 (9·0–16·4)
Chronic kidney disease due to diabetes mellitus	<0·05 (0·0–0·05)	0·2 (0·1–0·3)	0·4 (0·3–0·6)	0·7 (0·5–0·9)	1·4 (0·9–1·9)	2·0 (1·4–2·5)	3·4 (2·2–4·3)
Chronic kidney disease due to hypertension	0·5 (0·3–0·6)	0·7 (0·5–0·9)	0·9 (0·6–1·1)	1·1 (0·8–1·4)	1·8 (1·2–2·3)	2·2 (1·5–2·8)	3·0 (2·0–3·7)
Chronic kidney disease unspecified	2·6 (1·7–3·5)	3·3 (2·3–4·3)	3·4 (2·4–4·3)	3·5 (2·6–4·6)	5·0 (3·4–6·4)	5·3 (3·6–6·8)	6·9 (4·6–8·7)
Urinary diseases and male infertility	0·7 (0·5–1·0)	1·1 (0·7–1·5)	1·2 (0·8–1·7)	1·5 (1·0–2·0)	1·8 (1·3–2·5)	2·2 (1·5–3·0)	3·3 (2·2–4·4)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	0·4 (0·2–0·6)	0·5 (0·3–0·8)	0·6 (0·3–0·8)	0·7 (0·5–1·0)	0·9 (0·5–1·3)	1·1 (0·7–1·6)	1·7 (1·0–2·5)
Urolithiasis	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·1–0·5)
Other urinary diseases	0·3 (0·2–0·5)	0·5 (0·3–0·8)	0·5 (0·3–0·8)	0·6 (0·4–1·0)	0·8 (0·5–1·3)	0·8 (0·5–1·2)	1·3 (0·8–1·9)
Gynecological diseases	0·2 (0·1–0·2)	0·3 (0·1–0·4)	0·3 (0·2–0·5)	0·4 (0·2–0·6)	0·5 (0·3–0·9)	0·6 (0·4–1·1)	0·5 (0·4–0·8)
Uterine fibroids	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)
Endometriosis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Genital prolapse	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other gynecological diseases	0·2 (0·1–0·2)	0·2 (0·1–0·4)	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·4 (0·3–0·7)	0·5 (0·3–1·0)	0·4 (0·3–0·7)
Hemoglobinopathies and hemolytic anemias	3·1 (1·7–4·7)	3·9 (2·0–5·9)	3·1 (1·7–4·9)	2·2 (1·3–3·4)	1·7 (1·0–2·8)	1·4 (0·9–2·3)	1·5 (0·9–2·6)
Thalassemias	1·0 (0·6–1·5)	1·0 (0·7–1·5)	0·8 (0·6–1·1)	0·6 (0·5–0·8)	0·5 (0·4–0·8)	0·5 (0·3–0·7)	0·5 (0·3–0·6)
Sickle cell disorders	1·1 (0·5–1·7)	1·1 (0·6–1·6)	1·0 (0·5–1·4)	0·7 (0·4–1·0)	0·5 (0·3–0·8)	0·4 (0·2–0·6)	0·4 (0·2–0·6)
G6PD deficiency	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Other hemoglobinopathies and hemolytic anemias	0·9 (0·3–2·0)	1·7 (0·5–3·2)	1·3 (0·3–2·6)	0·8 (0·3–1·6)	0·6 (0·2–1·3)	0·5 (0·1–1·1)	0·6 (0·2–1·3)
Other endocrine, nutritional, blood, and immune disorders	2·1 (0·9–4·1)	2·8 (1·2–5·0)	2·8 (1·2–5·5)	2·9 (1·2–5·1)	3·2 (1·4–5·2)	3·7 (1·8–6·5)	4·4 (2·2–7·9)
Musculoskeletal disorders	1·9 (1·1–3·0)	2·9 (1·5–4·4)	2·6 (1·4–4·1)	2·5 (1·4–3·9)	2·9 (1·5–4·5)	3·4 (1·9–5·1)	3·9 (2·2–6·3)
Rheumatoid arthritis	0·2 (0·1–0·4)	0·3 (0·2–0·8)	0·3 (0·2–0·8)	0·3 (0·2–0·8)	0·5 (0·3–1·0)	0·7 (0·5–1·2)	0·9 (0·6–1·4)
Other musculoskeletal disorders	1·7 (1·2–2·2)	2·6 (1·8–3·8)	2·3 (1·6–3·0)	2·1 (1·5–2·8)	2·4 (1·8–3·3)	2·7 (2·0–3·7)	3·0 (2·2–4·1)
Other non-communicable diseases	4·4 (3·1–5·9)	4·4 (3·1–5·9)	4·6 (3·2–6·2)	2·6 (2·0–3·3)	3·2 (2·3–4·0)	3·9 (2·6–5·3)	4·0 (3·0–5·3)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
Congenital anomalies	3·5 (2·3–5·0)	3·4 (2·3–5·0)	3·5 (2·2–5·1)	1·7 (1·2–2·3)	1·9 (1·3–2·7)	1·9 (1·3–2·6)	2·3 (1·6–3·1)
Neural tube defects	0·4 (0·1–1·0)	0·3 (0·1–0·5)	0·3 (0·1–0·8)	0·1 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·1 (0·1–0·3)
Congenital heart anomalies	2·0 (1·4–2·8)	2·0 (1·3–3·0)	2·0 (1·3–3·0)	0·9 (0·6–1·3)	1·0 (0·7–1·5)	0·9 (0·6–1·3)	1·0 (0·7–1·4)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·2 (0·1–0·5)	0·1 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·2–0·5)
Other chromosomal abnormalities	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)
Other congenital anomalies	0·9 (0·4–1·4)	0·9 (0·4–1·5)	0·8 (0·4–1·4)	0·4 (0·2–0·7)	0·5 (0·3–0·9)	0·5 (0·3–0·9)	0·8 (0·5–1·3)
Skin and subcutaneous diseases	0·9 (0·5–1·4)	0·9 (0·5–1·3)	1·0 (0·6–1·6)	1·0 (0·5–1·4)	1·2 (0·7–1·8)	1·9 (0·9–3·3)	1·8 (1·0–2·8)
Cellulitis	0·3 (0·2–0·4)	0·3 (0·2–0·4)	0·4 (0·2–0·5)	0·4 (0·2–0·5)	0·4 (0·3–0·6)	0·6 (0·3–1·1)	0·6 (0·3–0·9)
Abscess, impetigo, and other bacterial skin diseases	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·5 (0·3–0·8)	0·8 (0·4–1·4)	0·7 (0·4–1·1)
Decubitus ulcer	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·1–0·4)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·5 (0·2–0·7)	0·5 (0·2–0·7)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	107·7 (86·1–136·3)	115·4 (95·1–142·5)	97·9 (81·3–120·7)	83·9 (69·5–103·5)	85·3 (68·9–105·7)	85·2 (69·8–104·5)	80·0 (67·8–98·1)
Transport injuries	22·8 (16·8–29·8)	25·1 (18·4–32·1)	20·7 (15·3–28·4)	17·3 (12·8–24·1)	19·6 (13·2–28·0)	21·2 (14·5–30·6)	21·7 (15·4–32·8)
Road injury	21·6 (17·9–28·2)	23·7 (20·0–31·3)	19·5 (15·8–27·9)	16·3 (13·3–22·8)	18·6 (14·6–27·0)	20·2 (15·7–30·3)	20·9 (16·1–32·7)
Pedestrian injury by road vehicle	5·4 (3·7–7·9)	5·8 (3·8–8·4)	4·5 (2·9–6·7)	4·2 (2·7–6·2)	5·2 (3·3–8·1)	5·9 (3·6–9·4)	6·4 (3·9–10·1)
Pedal cycle vehicle	1·2 (0·7–2·3)	1·0 (0·5–2·1)	1·0 (0·5–2·0)	0·8 (0·4–1·5)	0·9 (0·5–1·9)	1·0 (0·5–1·8)	1·2 (0·7–2·3)
Motorized vehicle with two wheels	2·9 (2·0–3·9)	3·3 (2·3–4·5)	2·6 (1·8–3·5)	2·1 (1·5–2·8)	2·3 (1·6–3·2)	2·5 (1·6–3·7)	2·2 (1·5–3·2)
Motorized vehicle with three or more wheels	9·7 (6·7–13·8)	10·8 (7·6–15·9)	9·1 (6·3–14·1)	7·2 (4·9–10·7)	7·8 (5·3–11·5)	8·0 (5·7–11·4)	8·6 (5·8–12·2)
Road injury other	2·5 (0·7–5·7)	2·8 (0·9–6·5)	2·4 (0·7–6·3)	2·0 (0·6–5·3)	2·4 (0·6–8·5)	2·8 (0·6–9·1)	2·5 (0·5–8·5)
Other transport injury	1·2 (0·7–1·8)	1·4 (0·8–2·1)	1·2 (0·7–1·7)	1·0 (0·6–1·5)	0·9 (0·6–1·3)	0·9 (0·6–1·3)	0·8 (0·5–1·1)
Unintentional injuries other than transport injuries	38·8 (28·2–59·4)	41·9 (31·2–61·5)	35·8 (26·0–52·8)	32·8 (24·4–48·6)	32·1 (23·1–46·0)	31·3 (23·8–43·9)	28·3 (21·7–36·3)
Falls	2·5 (1·5–4·4)	3·2 (2·0–5·1)	3·0 (1·8–4·4)	2·9 (1·8–4·3)	3·6 (2·2–5·5)	4·0 (2·6–6·0)	4·7 (2·9–6·8)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
	7·1	5·7	4·3	3·7	3·8	4·1	3·5
Drowning	(4·9–11·3)	(3·9–8·6)	(3·0–6·6)	(2·5–5·7)	(2·6–5·6)	(2·7–6·4)	(2·5–5·2)
	16·9	18·2	15·3	13·3	10·8	9·3	6·9
Fire, heat and hot substances	(7·5–38·1)	(8·7–37·2)	(6·6–30·5)	(6·5–29·2)	(4·1–23·2)	(4·3–20·0)	(3·1–14·3)
	4·2	5·2	4·4	4·2	4·5	4·6	4·1
Poisonings	(2·4–6·3)	(3·2–7·6)	(2·9–6·5)	(2·5–6·3)	(2·5–6·9)	(2·5–7·1)	(2·3–5·8)
	3·2	4·1	3·6	3·6	4·2	3·6	3·3
Exposure to mechanical forces	(1·9–6·6)	(2·5–7·7)	(2·4–6·2)	(2·4–6·3)	(2·6–8·5)	(2·0–5·6)	(1·9–5·2)
	2·1	2·6	2·0	1·9	2·2	1·7	1·4
Mechanical forces (firearm)	(0·6–5·8)	(0·6–7·1)	(0·5–5·1)	(0·5–4·9)	(0·5–7·6)	(0·4–4·4)	(0·3–3·8)
	1·1	1·4	1·6	1·7	2·0	1·9	1·9
Mechanical forces (other)	(0·4–2·5)	(0·6–2·7)	(0·6–3·0)	(0·7–3·2)	(0·8–4·0)	(0·8–3·1)	(0·8–3·2)
	0·7	1·0	1·0	0·9	1·0	1·1	1·3
Adverse effects of medical treatment	(0·3–1·2)	(0·4–1·6)	(0·4–1·7)	(0·4–1·3)	(0·4–1·5)	(0·5–1·7)	(0·6–1·9)
	1·5	1·6	1·3	1·1	1·1	1·1	1·0
Animal contact	(0·6–3·3)	(0·6–3·5)	(0·5–2·7)	(0·5–2·0)	(0·5–2·2)	(0·5–2·0)	(0·5–2·0)
	1·1	1·2	0·9	0·8	0·8	0·8	0·8
Animal contact (venomous)	(0·3–3·1)	(0·3–3·3)	(0·2–2·3)	(0·2–1·7)	(0·3–1·9)	(0·3–1·7)	(0·3–1·7)
	0·3	0·4	0·4	0·3	0·3	0·3	0·3
Animal contact (non-venomous)	(0·1–0·8)	(0·2–0·8)	(0·1–0·8)	(0·1–0·6)	(0·1–0·6)	(0·1–0·6)	(0·1–0·6)
	2·8	3·2	3·1	3·1	3·1	3·6	3·5
Unintentional injuries not classified elsewhere	(1·7–4·3)	(2·0–4·7)	(1·9–4·8)	(2·0–4·5)	(2·1–4·7)	(2·3–5·3)	(2·3–5·3)
	40·2	41·6	34·6	28·1	28·4	27·7	25·0
Self-harm and interpersonal violence	(24·9–63·1)	(27·0–61·9)	(22·5–50·5)	(19·5–39·1)	(19·2–39·4)	(18·0–40·6)	(17·6–36·3)
	32·9	30·0	23·8	19·4	21·0	21·9	20·1
Self-harm	(17·9–55·5)	(15·6–50·0)	(11·8–39·0)	(10·9–29·8)	(12·2–32·1)	(12·2–34·6)	(12·6–30·7)
	7·2	11·5	10·8	8·7	7·3	5·8	4·9
Interpersonal violence	(5·3–8·8)	(9·2–13·9)	(8·6–13·2)	(7·0–10·9)	(6·1–9·3)	(4·8–7·5)	(4·0–6·6)
	2·3	3·4	3·2	2·8	2·3	1·9	1·5
Assault by firearm	(1·1–4·0)	(1·7–6·0)	(1·7–5·7)	(1·3–5·1)	(1·1–4·2)	(0·9–3·5)	(0·7–2·8)
	1·9	3·7	3·5	2·9	2·2	1·7	1·4
Assault by sharp object	(1·2–3·1)	(2·1–6·2)	(1·9–6·0)	(1·7–4·7)	(1·2–3·5)	(1·0–2·8)	(0·8–2·3)
	3·0	4·4	4·0	3·0	2·8	2·2	2·0
Assault by other means	(2·0–4·3)	(2·8–6·2)	(2·6–5·8)	(2·1–4·2)	(1·9–4·0)	(1·5–2·9)	(1·3–2·7)
	6·0	6·7	6·8	5·7	5·3	5·1	5·0
Forces of nature, war, and legal intervention	(2·3–17·3)	(2·7–18·4)	(2·8–18·0)	(2·5–14·5)	(2·4–12·7)	(2·4–11·8)	(2·4–11·3)
	5·6	6·3	6·4	5·3	4·9	4·6	4·6
Exposure to forces of nature	(2·0–16·5)	(2·4–17·5)	(2·6–17·1)	(2·2–13·7)	(2·2–11·8)	(2·1–10·9)	(2·2–10·4)
	0·4	0·4	0·4	0·4	0·4	0·4	0·4
Collective violence and legal intervention	(0·2–0·8)	(0·2–0·9)	(0·2–0·9)	(0·2–0·9)	(0·3–1·0)	(0·2–0·9)	(0·2–0·9)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
All causes	877·3 (804·2–932·2)	1,160·5 (1,060·8–1,229·1)	1,390·3 (1,270·0–1,475·3)	1,666·1 (1,529·1–1,753·4)	2,234·2 (2,053·4–2,347·2)	2,533·1 (2,365·5–2,649·0)	7,064·9 (6,794·6–7,204·1)
Communicable, maternal, neonatal, and nutritional disorders	142·6 (122·5–163·8)	156·9 (131·0–186·7)	176·0 (147·7–206·4)	209·7 (177·0–247·8)	247·5 (208·6–290·9)	254·5 (216·6–292·9)	691·0 (589·9–770·4)
HIV/AIDS and tuberculosis	56·2 (43·6–71·5)	47·4 (33·4–66·2)	41·1 (29·4–58·5)	40·9 (28·5–57·2)	39·1 (27·4–56·3)	30·6 (20·9–44·7)	32·5 (22·0–47·6)
Tuberculosis	26·6 (19·2–35·4)	30·9 (22·1–42·7)	33·0 (24·4–43·7)	37·2 (26·2–53·6)	38·1 (26·2–55·1)	30·6 (20·9–44·7)	32·5 (22·0–47·6)
HIV/AIDS	29·5 (20·4–42·7)	16·6 (7·9–29·8)	8·1 (2·8–23·9)	3·7 (1·1–11·9)	1·1 (0·5–2·5)	–	–
HIV disease resulting in mycobacterial infection	4·8 (3·1–7·4)	2·7 (1·1–5·2)	1·3 (0·3–4·3)	0·6 (0·1–2·1)	0·1 (0·0–0·4)	–	–
HIV disease resulting in other specified or unspecified diseases	24·7 (17·3–35·4)	13·8 (6·8–24·7)	6·8 (2·5–19·8)	3·1 (1·0–9·8)	0·9 (0·5–2·2)	–	–
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	50·1 (40·4–59·7)	65·5 (51·4–82·0)	85·8 (68·3–109·2)	112·7 (86·7–142·5)	147·4 (116·8–181·9)	167·8 (136·3–199·7)	553·4 (458·5–626·4)
Diarrheal diseases	15·2 (11·0–21·4)	20·9 (13·7–33·5)	31·9 (20·7–49·1)	38·4 (24·8–65·0)	47·9 (31·0–77·6)	43·2 (28·2–68·1)	82·4 (57·9–121·2)
Cholera	0·4 (0·2–0·6)	0·4 (0·2–0·8)	0·5 (0·3–0·8)	0·4 (0·2–0·7)	0·3 (0·1–0·6)	0·2 (0·1–0·4)	0·3 (0·1–0·6)
Other salmonella infections	1·0 (0·6–1·6)	1·2 (0·7–2·1)	1·7 (1·0–2·7)	1·8 (1·0–3·2)	2·1 (1·1–3·9)	2·0 (1·1–3·4)	4·7 (2·9–7·3)
Shigellosis	1·4 (0·8–2·3)	2·0 (1·1–3·7)	3·1 (1·7–5·3)	3·8 (2·0–7·3)	4·8 (2·5–9·4)	4·4 (2·4–8·2)	8·1 (4·6–14·1)
Enteropathogenic E coli infection	0·2 (0·1–0·3)	0·3 (0·1–0·5)	0·5 (0·2–0·8)	0·6 (0·3–1·3)	0·9 (0·4–1·8)	1·0 (0·5–1·9)	2·7 (1·6–4·7)
Enterotoxigenic E coli infection	1·8 (1·1–3·0)	2·5 (1·3–4·7)	3·6 (2·0–6·2)	4·2 (2·3–8·1)	5·1 (2·7–9·4)	4·5 (2·4–8·2)	8·1 (4·9–13·5)
Campylobacter enteritis	0·7 (0·4–1·2)	1·0 (0·5–2·1)	1·6 (0·8–2·7)	1·9 (1·0–3·8)	2·5 (1·3–4·9)	2·8 (1·4–5·2)	6·8 (3·9–11·6)
Amoebiasis	1·0 (0·6–1·6)	1·3 (0·7–2·6)	2·1 (1·2–3·5)	2·6 (1·4–5·1)	3·3 (1·7–6·3)	3·0 (1·6–5·4)	5·4 (3·1–9·6)
Cryptosporidiosis	0·3 (0·2–0·5)	0·4 (0·2–0·8)	0·6 (0·3–1·0)	0·7 (0·4–1·3)	0·9 (0·5–1·6)	0·8 (0·4–1·4)	1·4 (0·8–2·5)
Rotaviral enteritis	1·4 (0·9–2·2)	2·1 (1·2–3·9)	3·3 (1·9–5·7)	4·3 (2·4–8·0)	5·4 (3·0–10·0)	4·5 (2·5–8·0)	7·8 (4·8–12·8)
Other diarrheal diseases	6·9 (3·8–11·3)	9·7 (5·0–18·1)	15·0 (7·5–27·3)	18·2 (9·4–35·5)	22·6 (11·3–42·8)	20·1 (10·1–38·1)	37·1 (20·1–63·5)
Typhoid and paratyphoid fevers	2·1 (0·2–4·0)	1·7 (0·2–3·2)	1·2 (0·1–2·2)	1·1 (0·1–2·0)	1·3 (0·2–2·4)	1·1 (0·1–2·1)	1·4 (0·2–2·6)
Lower respiratory infections	25·1 (18·2–31·7)	33·4 (23·4–42·3)	45·1 (31·6–58·3)	62·6 (44·4–77·3)	88·2 (64·7–108·3)	112·3 (87·2–132·4)	457·1 (364·9–523·9)
Influenza	6·0 (4·4–7·6)	7·7 (5·5–9·8)	10·0 (7·0–13·1)	13·4 (9·5–16·8)	18·3 (13·3–22·6)	22·4 (17·3–26·6)	83·5 (66·6–96·6)
Pneumococcal pneumonia	9·2 (6·6–11·5)	12·4 (8·6–15·4)	16·8 (11·8–21·6)	23·8 (16·7–29·3)	33·5 (24·6–40·9)	43·4 (33·7–50·6)	186·1 (148·4–211·9)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
H influenzae type B pneumonia	3·6 (2·6–4·5)	4·4 (3·1–5·5)	5·4 (3·8–7·0)	6·8 (4·8–8·4)	8·6 (6·2–10·6)	9·8 (7·6–11·6)	30·3 (24·2–35·4)
Respiratory syncytial virus pneumonia	0·3 (0·2–0·3)	0·3 (0·2–0·4)	0·5 (0·3–0·6)	0·6 (0·4–0·8)	0·9 (0·6–1·1)	1·1 (0·9–1·3)	4·6 (3·6–5·2)
Other lower respiratory infections	6·1 (4·3–7·9)	8·5 (6·0–11·3)	12·4 (8·6–16·3)	18·0 (12·7–23·0)	26·9 (19·7–33·7)	35·6 (27·9–43·2)	152·6 (121·5–178·3)
Upper respiratory infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·4 (0·3–0·4)
Otitis media	0·1 (0·0–0·7)	<0·05 (0·0–0·5)	<0·05 (0·0–0·5)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	0·1 (0·0–0·6)
Meningitis	5·3 (3·6–7·4)	6·4 (3·9–10·1)	5·6 (3·8–8·2)	7·5 (4·4–11·6)	7·0 (4·8–10·8)	7·7 (4·1–14·9)	8·4 (5·2–15·0)
Pneumococcal meningitis	1·8 (1·2–2·6)	2·2 (1·3–3·6)	1·8 (1·2–2·7)	2·4 (1·4–3·8)	2·1 (1·4–3·2)	2·1 (1·1–4·3)	1·8 (1·0–3·5)
H influenzae type B meningitis	0·3 (0·2–0·5)	0·5 (0·3–0·8)	0·4 (0·3–0·7)	0·7 (0·4–1·1)	0·7 (0·4–1·1)	0·8 (0·4–1·8)	1·0 (0·6–2·0)
Meningococcal infection	1·0 (0·7–1·4)	1·2 (0·7–1·8)	1·0 (0·7–1·5)	1·3 (0·7–1·8)	1·1 (0·7–1·6)	1·0 (0·6–1·9)	0·9 (0·6–1·5)
Other meningitis	2·1 (1·4–2·9)	2·6 (1·6–4·1)	2·3 (1·6–3·4)	3·2 (1·9–4·9)	3·2 (2·2–4·8)	3·7 (2·0–7·2)	4·6 (3·0–7·9)
Encephalitis	1·7 (0·9–3·1)	2·2 (1·0–4·9)	1·6 (0·8–3·3)	2·5 (1·2–5·0)	2·2 (1·0–4·4)	2·8 (1·1–6·7)	2·7 (1·3–6·1)
Diphtheria	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	–	–	–	–	–
Whooping cough	<0·05 (0·0–0·2)	0·2 (0·0–0·8)	–	–	–	–	–
Tetanus	0·4 (0·0–2·0)	0·6 (0·0–2·7)	0·3 (0·0–1·6)	0·4 (0·0–1·9)	0·5 (0·0–2·2)	0·4 (0·0–1·8)	0·4 (0·0–1·8)
Measles	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	–	–	–	–	–
Varicella	0·1 (0·0–0·5)	0·1 (0·0–0·4)	0·1 (0·0–0·5)	0·1 (0·0–0·6)	0·1 (0·0–0·7)	0·2 (0·0–1·2)	0·8 (0·0–5·2)
Neglected tropical diseases and malaria	14·8 (9·1–25·0)	16·3 (10·1–27·7)	18·1 (11·1–29·3)	19·3 (11·4–33·1)	19·5 (11·8–32·3)	14·8 (8·6–25·9)	21·7 (11·9–38·3)
Malaria	12·0 (6·6–22·3)	13·0 (7·1–24·1)	14·8 (8·1–25·0)	16·3 (8·6–29·7)	16·1 (8·8–28·8)	11·8 (6·3–22·0)	17·1 (8·0–33·3)
Chagas disease	0·2 (0·1–0·6)	0·3 (0·1–0·9)	0·4 (0·2–0·9)	0·4 (0·1–1·3)	0·4 (0·2–1·0)	0·4 (0·1–1·0)	0·8 (0·3–1·9)
Leishmaniasis	0·6 (0·3–0·9)	0·5 (0·3–0·9)	0·4 (0·2–0·7)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·3 (0·2–0·4)	0·3 (0·2–0·5)
African trypanosomiasis	0·2 (0·0–0·5)	0·1 (0·0–0·3)	0·1 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Schistosomiasis	0·6 (0·0–3·3)	0·7 (0·0–4·4)	0·8 (0·0–4·4)	0·7 (0·0–4·3)	0·8 (0·0–4·8)	0·8 (0·0–4·7)	0·8 (0·0–4·7)
Cysticercosis	<0·05 (0·0–0·2)	0·1 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Echinococcosis	<0·05 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·5)
Dengue	0·3 (0·1–0·6)	0·3 (0·1–0·7)	0·3 (0·1–0·8)	0·3 (0·1–0·6)	0·3 (0·1–0·6)	0·2 (0·1–0·5)	0·7 (0·2–1·5)
Rabies	0·5 (0·2–1·2)	0·7 (0·2–1·7)	0·7 (0·3–1·7)	0·5 (0·2–1·1)	0·5 (0·1–1·2)	0·3 (0·1–0·6)	0·2 (0·1–0·5)
Intestinal nematode infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Ascariasis	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Other neglected tropical diseases	0·4 (0·2–0·8)	0·5 (0·3–1·0)	0·6 (0·3–1·1)	0·5 (0·3–1·0)	0·9 (0·4–1·8)	0·9 (0·4–2·2)	1·5 (0·6–4·5)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	8·5 (5·2–13·2)	11·0 (6·7–17·7)	13·5 (8·4–21·9)	16·6 (10·1–25·4)	22·0 (13·7–35·9)	23·3 (14·3–36·9)	61·2 (37·2–87·1)
Protein-energy malnutrition	7·3 (4·6–12·1)	9·5 (5·7–16·5)	11·7 (6·7–19·5)	14·3 (8·6–22·6)	19·1 (11·1–33·1)	20·0 (11·7–33·6)	48·3 (27·2–69·4)
Iodine deficiency	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·5 (0·3–0·6)
Iron-deficiency anemia	1·0 (0·6–1·3)	1·3 (0·8–1·8)	1·5 (0·9–2·2)	1·9 (1·2–2·7)	2·4 (1·4–3·4)	2·6 (1·6–3·6)	9·3 (5·1–11·5)
Other nutritional deficiencies	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·2–0·3)	0·3 (0·2–0·4)	0·4 (0·3–0·6)	0·6 (0·4–0·8)	3·1 (1·6–3·9)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Other communicable, maternal, neonatal, and nutritional disorders	13·0 (8·9–20·0)	16·6 (11·2–27·1)	17·6 (12·3–25·1)	20·2 (13·8–31·3)	19·6 (13·1–29·9)	17·9 (12·3–26·2)	22·1 (15·1–30·4)
Sexually transmitted diseases excluding HIV	0·4 (0·3–0·6)	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·3 (0·2–0·4)	0·4 (0·3–0·6)	0·4 (0·3–0·6)	0·7 (0·5–1·0)
Syphilis	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·1–0·2)
Sexually transmitted chlamydial diseases	0·1 (0·1–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)
Gonococcal infection	0·1 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)
Other sexually transmitted diseases	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·4 (0·2–0·5)
Hepatitis	8·8 (5·3–15·3)	11·5 (6·7–22·0)	10·8 (6·6–18·2)	11·3 (6·6–20·6)	10·9 (6·5–19·7)	7·8 (4·8–12·7)	6·6 (4·4–10·7)
Acute hepatitis A	3·4 (1·1–10·6)	4·7 (1·5–13·2)	4·1 (1·4–10·9)	4·8 (1·4–13·8)	4·1 (1·5–11·5)	3·0 (1·1–8·8)	2·5 (0·8–7·3)
Acute hepatitis B	4·4 (2·2–8·1)	5·7 (2·8–11·5)	5·6 (2·8–10·3)	5·5 (2·8–10·4)	5·7 (2·7–12·3)	4·0 (2·2–7·1)	3·4 (1·7–5·7)
Acute hepatitis C	0·7 (0·4–1·4)	0·9 (0·4–1·8)	1·0 (0·5–1·9)	0·9 (0·4–2·0)	1·0 (0·5–1·9)	0·7 (0·4–1·3)	0·6 (0·3–1·0)
Acute hepatitis E	0·3 (0·0–0·9)	0·2 (0·0–0·8)	0·1 (0·0–0·5)	0·1 (0·0–0·4)	0·1 (0·0–0·3)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)
Other infectious diseases	3·9 (2·1–6·9)	4·9 (2·6–8·3)	6·4 (3·7–10·8)	8·7 (4·6–14·9)	8·3 (4·2–14·3)	9·8 (5·0–16·9)	14·8 (8·2–22·4)
Non-communicable diseases	654·1 (590·9–698·8)	921·9 (833·6–981·1)	1,137·3 (1,026·5–1,207·7)	1,381·5 (1,254·1–1,465·6)	1,902·9 (1,738·4–2,005·1)	2,191·8 (2,031·8–2,291·5)	6,143·0 (5,879·2–6,300·8)
Neoplasms	259·2 (234·1–280·8)	338·1 (306·8–364·3)	365·3 (329·9–393·8)	374·2 (337·0–410·0)	424·7 (380·1–459·6)	400·7 (356·5–434·6)	731·6 (638·1–791·6)
Esophageal cancer	8·1 (4·9–12·7)	11·7 (6·9–18·5)	14·8 (8·5–22·7)	15·6 (9·7–24·1)	16·5 (10·1–25·0)	14·8 (8·7–22·3)	21·6 (13·8–30·9)
Stomach cancer	17·1 (9·9–26·7)	23·6 (13·8–36·5)	26·9 (15·0–41·6)	31·1 (18·7–52·2)	38·4 (22·7–64·0)	38·2 (22·7–60·3)	70·5 (42·9–114·9)
Liver cancer	16·6 (11·3–21·7)	24·1 (16·8–31·3)	26·4 (17·9–33·1)	28·0 (19·5–35·6)	31·7 (21·1–38·6)	30·5 (21·1–37·8)	44·2 (28·8–52·7)
Liver cancer secondary to hepatitis B	6·4 (4·2–8·8)	9·4 (6·4–12·6)	10·2 (6·9–13·4)	10·6 (7·3–13·9)	11·6 (7·5–14·9)	10·8 (7·3–13·9)	13·7 (8·9–17·0)
Liver cancer secondary to hepatitis C	4·2 (2·8–5·3)	7·1 (4·9–9·1)	9·1 (6·3–11·1)	10·5 (7·4–13·0)	12·0 (8·1–14·5)	11·8 (8·0–14·2)	18·3 (12·2–21·9)
Liver cancer secondary to alcohol use	3·5 (2·4–4·7)	4·9 (3·4–6·4)	5·0 (3·5–6·4)	5·2 (3·7–6·6)	6·2 (4·2–7·7)	6·3 (4·2–7·9)	10·0 (6·8–11·9)
Other liver cancer	2·5 (1·7–3·3)	2·7 (1·9–3·5)	2·1 (1·4–2·6)	1·6 (1·1–2·0)	1·8 (1·2–2·2)	1·6 (1·1–2·0)	2·1 (1·4–2·6)
Larynx cancer	1·0 (0·5–1·7)	1·5 (0·8–2·4)	1·8 (0·9–2·9)	1·6 (0·8–2·4)	2·0 (1·0–3·0)	1·4 (0·7–2·1)	2·1 (1·2–3·1)
Trachea, bronchus and lung cancers	30·5 (17·2–40·1)	45·5 (27·4–59·9)	53·9 (30·2–71·7)	60·0 (33·7–74·6)	68·1 (36·2–84·8)	64·8 (31·9–79·3)	96·1 (47·7–118·5)

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Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Breast cancer	49·2 (46·0–52·9)	56·4 (52·9–60·5)	49·4 (46·6–52·9)	41·9 (39·0–44·7)	41·8 (39·1–44·7)	36·3 (33·9–39·2)	73·9 (67·4–80·4)
Cervical cancer	28·0 (16·4–38·5)	29·5 (17·9–41·6)	27·6 (16·0–38·6)	23·2 (14·0–33·8)	22·3 (14·6–33·3)	15·6 (10·1–23·9)	21·7 (14·4–33·4)
Uterine cancer	3·9 (1·8–5·8)	6·3 (2·7–8·7)	7·0 (3·3–10·6)	7·6 (3·6–11·5)	8·3 (3·8–13·0)	7·3 (3·4–11·2)	13·0 (6·0–20·6)
Prostate cancer	–	–	–	–	–	–	–
Colon and rectum cancers	18·3 (14·0–23·4)	25·6 (20·0–32·1)	30·3 (24·0–40·4)	33·7 (26·6–42·6)	45·2 (34·3–58·1)	48·2 (35·7–60·1)	109·9 (82·5–139·7)
Mouth cancer	4·0 (2·5–5·7)	4·4 (3·1–6·3)	5·2 (3·5–7·1)	5·2 (3·7–7·2)	5·2 (3·6–6·9)	4·4 (3·0–5·7)	9·3 (6·0–11·8)
Nasopharynx cancer	1·9 (1·0–3·3)	2·3 (1·3–3·7)	2·2 (1·1–4·1)	1·9 (1·0–3·2)	1·8 (0·9–3·1)	1·4 (0·7–2·3)	1·8 (0·9–2·9)
Cancer of other part of pharynx and oropharynx	3·4 (1·4–6·4)	3·3 (1·5–5·6)	3·2 (1·5–5·3)	2·8 (1·4–4·6)	2·6 (1·4–4·3)	2·0 (1·0–3·2)	2·7 (1·4–4·1)
Gallbladder and biliary tract cancer	5·0 (2·2–7·8)	7·7 (3·5–11·9)	9·2 (4·4–14·5)	10·5 (5·2–17·1)	12·4 (6·3–20·1)	12·3 (6·1–19·7)	24·3 (12·7–40·3)
Pancreatic cancer	6·7 (3·9–10·4)	11·6 (6·8–18·3)	14·6 (8·7–22·3)	16·8 (10·0–26·1)	21·6 (12·8–33·6)	21·9 (12·5–32·9)	42·1 (24·5–67·6)
Malignant melanoma of skin	1·5 (0·8–2·3)	1·8 (1·0–2·7)	1·9 (1·0–3·0)	1·9 (1·0–2·8)	2·3 (1·2–3·7)	2·4 (1·2–3·6)	5·7 (2·8–9·2)
Non-melanoma skin cancer	0·4 (0·2–0·8)	0·6 (0·2–1·1)	0·7 (0·3–1·3)	0·8 (0·3–1·5)	1·2 (0·5–2·1)	1·5 (0·7–2·9)	6·8 (2·9–12·4)
Ovarian cancer	17·7 (12·7–23·8)	20·4 (14·6–27·3)	20·4 (14·2–26·5)	18·4 (13·0–24·6)	17·7 (11·8–22·9)	14·5 (9·5–18·5)	22·7 (15·6–29·7)
Testicular cancer	–	–	–	–	–	–	–
Kidney and other urinary organ cancers	3·6 (2·0–6·1)	5·7 (3·0–9·6)	6·5 (3·5–10·9)	7·1 (3·7–11·7)	8·3 (4·1–14·1)	8·0 (4·1–13·1)	15·0 (7·9–24·4)
Bladder cancer	1·6 (1·3–2·0)	2·3 (1·9–2·7)	3·2 (2·6–3·8)	4·0 (3·4–4·6)	5·9 (4·8–6·8)	6·8 (5·5–7·7)	18·8 (14·7–21·5)
Brain and nervous system cancers	7·4 (3·5–12·0)	9·1 (4·3–13·6)	9·8 (4·4–15·1)	8·9 (4·1–13·0)	9·1 (3·8–14·0)	7·8 (3·2–11·8)	11·6 (4·0–17·9)
Thyroid cancer	1·2 (0·7–1·7)	1·9 (1·1–2·7)	2·3 (1·3–3·2)	2·7 (1·7–3·7)	3·4 (2·1–4·6)	3·3 (1·8–4·4)	5·2 (3·1–7·0)
Hodgkin's disease	0·5 (0·2–0·8)	0·5 (0·3–1·0)	0·6 (0·3–1·0)	0·6 (0·3–1·1)	0·7 (0·4–1·2)	0·6 (0·3–1·1)	1·0 (0·5–1·7)
Non-Hodgkin's lymphoma	4·7 (3·0–5·6)	6·5 (4·2–7·8)	8·1 (5·1–9·6)	9·0 (5·9–10·7)	10·5 (6·5–12·4)	10·4 (6·4–12·3)	20·7 (12·8–25·4)
Multiple myeloma	1·7 (0·9–2·7)	2·8 (1·5–4·4)	3·7 (1·9–6·1)	4·2 (2·1–6·9)	5·0 (2·6–8·1)	4·9 (2·4–7·6)	9·4 (4·9–15·1)
Leukemia	6·6 (3·9–9·1)	8·5 (4·9–11·7)	9·0 (5·1–12·0)	9·3 (5·3–12·5)	10·8 (5·9–14·4)	10·8 (5·8–13·9)	22·6 (12·2–29·8)
Other neoplasms	18·6 (10·3–27·1)	24·5 (13·6–35·2)	26·5 (15·1–37·2)	27·5 (15·7–39·5)	32·0 (18·1–44·4)	30·8 (17·0–41·7)	58·9 (34·6–83·4)

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Cause	Females, 50-54 Years	Females, 55-59 Years	Females, 60-64 Years	Females, 65-69 Years	Females, 70-74 Years	Females, 75-79 Years	Females, 80+ Years
Cardiovascular and circulatory diseases	208·5 (157·8–244·9)	313·2 (242·2–360·1)	422·0 (325·3–471·7)	569·9 (457·7–648·1)	906·0 (751·8–1,007·2)	1,153·0 (992·4–1,257·2)	3,680·3 (3,361·1–4,004·6)
Rheumatic heart disease	10·1 (7·8–13·5)	13·3 (10·2–17·7)	14·5 (11·7–17·7)	15·8 (13·0–19·0)	20·0 (16·6–24·1)	20·7 (18·0–23·8)	57·5 (51·8–63·5)
Ischemic heart disease	81·4 (67·3–95·3)	127·1 (101·0–145·8)	176·1 (147·6–202·5)	236·8 (206·9–267·5)	389·5 (345·3–430·1)	482·4 (435·7–527·7)	1,657·5 (1,559·8–1,844·2)
Cerebrovascular disease	80·8 (64·1–95·5)	121·1 (96·1–141·2)	165·2 (130·7–192·6)	230·0 (184·2–270·9)	371·5 (302·3–429·7)	490·2 (406·0–555·9)	1,407·6 (1,233·7–1,644·7)
Ischemic stroke	13·9 (12·2–16·3)	25·4 (22·2–30·5)	48·8 (42·8–58·5)	77·6 (70·1–89·8)	168·9 (152·3–190·8)	255·4 (230·0–289·6)	968·4 (896·3–1,064·6)
Hemorrhagic and other non-ischemic stroke	67·0 (53·8–80·2)	95·7 (76·8–114·9)	116·4 (92·3–139·4)	152·4 (121·5–183·9)	202·6 (165·7–236·4)	234·7 (189·8–280·0)	439·2 (368·2–503·5)
Hypertensive heart disease	15·1 (9·6–22·3)	21·7 (14·5–31·4)	30·0 (19·7–42·8)	41·4 (27·4–60·9)	58·4 (40·0–85·3)	71·8 (48·1–100·5)	216·3 (147·9–311·3)
Cardiomyopathy and myocarditis	7·3 (5·9–8·9)	9·3 (7·9–11·4)	10·7 (9·1–13·0)	12·3 (10·5–14·6)	15·6 (13·3–18·5)	18·4 (16·0–21·4)	57·1 (49·9–64·1)
Atrial fibrillation and flutter	0·4 (0·3–0·6)	0·8 (0·5–1·3)	1·4 (0·9–2·3)	2·3 (1·6–3·6)	4·7 (3·3–7·2)	8·3 (6·1–11·9)	53·2 (40·9–71·7)
Aortic aneurysm	1·8 (1·1–3·3)	2·6 (1·6–4·2)	4·0 (2·5–6·7)	5·9 (3·7–9·4)	9·6 (5·7–16·2)	11·9 (7·6–19·0)	34·5 (22·9–52·8)
Peripheral vascular disease	0·4 (0·2–0·7)	0·6 (0·3–1·1)	0·9 (0·5–1·6)	1·2 (0·8–2·3)	2·4 (1·3–4·5)	3·5 (2·0–6·3)	21·5 (13·3–33·8)
Endocarditis	0·9 (0·6–1·2)	1·0 (0·7–1·4)	1·3 (0·9–1·7)	1·4 (1·0–1·9)	1·8 (1·3–2·5)	2·2 (1·5–2·8)	6·7 (4·6–8·8)
Other cardiovascular and circulatory diseases	10·3 (9·0–12·0)	15·7 (13·7–18·1)	17·9 (16·2–19·6)	22·8 (20·9–25·0)	32·5 (29·8–35·6)	43·7 (40·5–47·1)	168·4 (158·6–179·0)
Chronic respiratory diseases	39·8 (33·3–48·8)	73·9 (61·5–89·9)	112·2 (97·0–132·4)	159·5 (139·1–183·2)	224·5 (196·9–256·7)	254·3 (226·8–283·5)	629·2 (580·2–690·2)
Chronic obstructive pulmonary disease	26·9 (20·5–35·6)	54·5 (42·3–71·5)	86·7 (71·0–104·7)	127·2 (107·2–151·2)	182·5 (154·6–215·8)	208·0 (182·2–238·4)	509·3 (464·7–558·1)
Pneumoconiosis	0·8 (0·4–1·5)	1·4 (0·7–2·9)	2·2 (1·0–4·8)	3·0 (1·4–6·4)	4·7 (2·1–10·8)	5·3 (2·7–9·9)	18·9 (9·5–42·9)
Asthma	7·0 (5·2–12·0)	10·4 (7·6–17·9)	12·9 (9·6–21·2)	16·0 (12·3–25·3)	19·8 (14·6–30·5)	19·8 (15·2–30·1)	36·3 (29·3–53·4)
Other interstitial lung disease	1·2 (0·6–2·0)	2·0 (1·0–3·3)	2·8 (1·4–4·5)	4·0 (1·9–6·5)	5·4 (2·7–8·5)	6·5 (3·2–9·9)	17·0 (7·6–27·1)
Other chronic respiratory diseases	3·9 (2·7–6·3)	5·5 (3·7–9·4)	7·6 (4·9–12·7)	9·3 (6·0–15·1)	12·1 (8·2–18·5)	14·6 (10·6–21·3)	47·7 (34·2–67·4)
Cirrhosis of the liver	28·3 (22·1–34·5)	36·2 (27·8–45·1)	38·0 (30·0–46·8)	36·4 (29·2–44·8)	39·1 (29·3–47·5)	32·9 (26·0–40·6)	52·7 (44·5–68·3)
Cirrhosis of the liver secondary to hepatitis B	8·6 (7·3–10·9)	11·8 (9·5–15·1)	13·2 (11·0–16·7)	13·1 (10·9–16·3)	13·8 (11·0–17·2)	11·0 (9·0–13·7)	14·4 (12·4–19·3)
Cirrhosis of the liver secondary to hepatitis C	9·9 (8·0–11·6)	13·7 (10·6–16·5)	15·5 (12·6–18·3)	15·4 (12·4–17·9)	16·5 (12·8–19·6)	14·2 (11·3–16·8)	24·4 (20·9–29·7)
Cirrhosis of the liver secondary to alcohol use	4·5 (3·6–5·3)	5·3 (4·1–6·4)	5·0 (4·1–6·0)	4·6 (3·7–5·4)	5·2 (4·0–6·2)	4·6 (3·8–5·4)	9·0 (7·8–11·0)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Females, 50-54 Years	Females, 55-59 Years	Females, 60-64 Years	Females, 65-69 Years	Females, 70-74 Years	Females, 75-79 Years	Females, 80+ Years
Other cirrhosis of the liver	5·2 (4·4–6·2)	5·3 (4·2–6·5)	4·3 (3·5–5·1)	3·3 (2·7–3·9)	3·6 (2·8–4·4)	3·0 (2·5–3·6)	4·8 (4·0–5·9)
Digestive diseases (except cirrhosis)	21·8 (18·1–27·2)	26·6 (22·7–32·0)	35·9 (30·8–42·1)	40·6 (35·5–47·1)	55·3 (48·5–63·3)	66·7 (59·5–74·9)	201·1 (186·1–218·9)
Peptic ulcer disease	5·8 (3·7–9·4)	5·6 (3·8–8·7)	7·8 (5·3–12·0)	8·6 (5·9–13·0)	11·0 (7·7–16·6)	12·8 (9·3–18·8)	32·6 (25·5–43·9)
Gastritis and duodenitis	0·3 (0·1–0·4)	0·3 (0·2–0·5)	0·4 (0·2–0·7)	0·5 (0·3–0·7)	0·6 (0·4–1·0)	0·8 (0·5–1·2)	2·7 (1·8–4·4)
Appendicitis	0·6 (0·3–1·0)	0·9 (0·4–1·2)	1·2 (0·5–1·8)	1·2 (0·5–1·8)	1·5 (0·6–2·3)	1·5 (0·6–2·3)	3·4 (1·5–4·5)
Paralytic ileus and intestinal obstruction without hernia	2·8 (1·7–4·1)	3·3 (2·0–5·1)	4·4 (2·6–6·4)	4·9 (3·1–6·9)	6·8 (4·3–10·3)	8·7 (5·6–12·5)	28·5 (16·9–39·0)
Inguinal or femoral hernia	0·2 (0·2–0·2)	0·3 (0·3–0·3)	0·4 (0·4–0·4)	0·5 (0·5–0·6)	0·9 (0·8–0·9)	1·2 (1·1–1·2)	3·9 (3·7–4·1)
Noninfective inflammatory bowel disease	0·6 (0·4–0·9)	0·8 (0·5–1·1)	0·9 (0·6–1·2)	0·9 (0·6–1·3)	1·4 (0·9–1·9)	1·7 (1·1–2·4)	6·7 (4·2–8·8)
Vascular disorders of intestine	0·6 (0·3–1·3)	1·0 (0·6–2·0)	1·5 (0·9–3·2)	2·4 (1·3–4·4)	4·0 (2·1–6·9)	5·9 (2·9–10·3)	22·1 (10·6–39·8)
Gall bladder and bile duct disease	1·7 (1·1–2·3)	2·3 (1·7–3·2)	2·9 (2·0–3·9)	3·5 (2·5–5·2)	4·8 (3·6–6·8)	6·3 (4·2–9·0)	22·4 (14·8–30·8)
Pancreatitis	1·6 (1·1–2·3)	1·9 (1·3–2·6)	2·3 (1·5–3·2)	2·4 (1·6–3·3)	3·3 (2·1–4·5)	3·7 (2·5–4·8)	8·9 (5·9–11·7)
Other digestive diseases	7·6 (4·7–12·8)	10·2 (6·7–17·4)	13·9 (8·8–22·5)	15·6 (10·3–24·4)	20·9 (13·7–33·6)	24·2 (16·0–36·7)	70·0 (48·0–105·5)
Neurological disorders	20·8 (11·4–38·0)	26·4 (15·0–46·3)	31·7 (17·8–60·4)	39·2 (23·2–69·6)	55·2 (34·8–95·5)	74·3 (50·9–108·0)	337·9 (194·9–437·5)
Alzheimer's disease and other dementias	1·0 (0·7–1·8)	2·1 (1·4–3·3)	3·7 (2·4–6·3)	6·4 (4·2–10·2)	14·1 (8·9–21·0)	31·3 (18·2–41·8)	252·5 (113·8–340·9)
Parkinson's disease	0·4 (0·2–0·5)	0·8 (0·5–1·2)	1·4 (0·9–2·1)	2·7 (1·7–4·0)	5·4 (3·5–7·7)	8·7 (5·4–12·2)	30·3 (17·5–39·7)
Epilepsy	3·2 (1·8–4·3)	3·2 (1·7–4·3)	2·8 (1·6–3·9)	3·6 (2·0–5·1)	3·4 (1·8–4·8)	3·8 (1·9–5·4)	8·9 (4·3–13·8)
Multiple sclerosis	1·3 (0·8–1·9)	1·3 (0·7–1·9)	1·2 (0·7–1·8)	1·0 (0·6–1·4)	0·9 (0·5–1·3)	0·7 (0·4–1·0)	0·9 (0·5–1·4)
Other neurological disorders	15·0 (6·0–31·8)	19·0 (8·4–38·3)	22·6 (9·2–51·3)	25·6 (10·5–55·4)	31·4 (13·0–71·8)	29·9 (13·0–60·2)	45·3 (20·0–94·9)
Mental and behavioral disorders	5·8 (3·7–9·7)	5·7 (3·6–9·2)	4·4 (2·9–7·2)	3·7 (2·6–5·8)	3·8 (2·8–6·2)	3·6 (2·7–5·3)	10·3 (7·1–16·1)
Schizophrenia	0·6 (0·4–1·1)	0·8 (0·5–1·3)	0·7 (0·4–1·1)	0·7 (0·4–1·1)	0·7 (0·5–1·1)	0·8 (0·5–1·2)	1·6 (1·0–2·3)
Alcohol use disorders	3·1 (1·2–6·4)	3·1 (1·2–6·7)	2·3 (0·9–4·9)	1·6 (0·7–3·5)	1·3 (0·6–3·0)	0·9 (0·4–2·0)	1·2 (0·5–2·9)
Drug use disorders	1·7 (0·7–3·1)	1·4 (0·6–2·6)	1·0 (0·5–1·7)	0·8 (0·5–1·5)	1·1 (0·6–2·2)	0·9 (0·5–1·8)	2·1 (1·1–4·3)
Opioid use disorders	0·9 (0·4–1·8)	0·7 (0·3–1·3)	0·5 (0·3–0·9)	0·4 (0·2–0·8)	0·5 (0·3–1·1)	0·5 (0·3–1·0)	1·1 (0·6–2·3)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	Females, 50-54 Years	Females, 55-59 Years	Females, 60-64 Years	Females, 65-69 Years	Females, 70-74 Years	Females, 75-79 Years	Females, 80+ Years
Cocaine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·7 (0·3–1·2)	0·6 (0·3–1·1)	0·4 (0·2–0·8)	0·4 (0·2–0·7)	0·5 (0·3–1·1)	0·4 (0·2–0·9)	0·9 (0·5–2·0)
Eating disorders	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·1–0·5)	1·8 (0·9–3·6)
Other mental and behavioral disorders	0·2 (0·1–0·3)	0·3 (0·1–0·4)	0·3 (0·2–0·5)	0·4 (0·2–0·6)	0·6 (0·3–0·9)	0·8 (0·4–1·4)	3·7 (1·8–7·4)
Diabetes, urogenital, blood, and endocrine diseases	60·4 (50·6–68·2)	89·2 (74·9–99·1)	113·7 (97·8–127·0)	142·5 (119·3–157·7)	173·2 (144·4–191·9)	181·1 (151·2–202·1)	430·0 (360·1–488·1)
Diabetes mellitus	30·4 (22·9–34·5)	48·6 (37·2–54·9)	65·0 (51·8–72·7)	85·5 (64·6–96·5)	105·0 (77·7–116·5)	104·7 (79·0–115·6)	195·5 (150·8–215·3)
Acute glomerulonephritis	1·2 (0·4–3·4)	1·4 (0·6–4·3)	1·6 (0·7–4·0)	1·8 (0·7–4·9)	1·7 (0·7–4·2)	1·6 (0·6–4·0)	2·2 (0·8–6·2)
Chronic kidney diseases	17·2 (11·6–21·4)	24·5 (16·0–30·5)	29·1 (19·2–35·2)	33·3 (22·4–41·2)	37·8 (24·5–45·9)	40·4 (26·5–48·0)	115·8 (77·2–141·8)
Chronic kidney disease due to diabetes mellitus	5·2 (3·4–6·6)	8·4 (5·5–10·8)	11·4 (7·4–14·4)	11·7 (7·8–15·0)	11·3 (7·2–14·1)	10·2 (6·7–12·5)	25·7 (16·7–33·0)
Chronic kidney disease due to hypertension	3·7 (2·5–4·6)	5·1 (3·3–6·4)	5·7 (3·8–7·1)	7·2 (4·8–8·8)	8·7 (5·7–10·6)	9·9 (6·5–11·9)	29·6 (19·8–36·3)
Chronic kidney disease unspecified	8·3 (5·6–10·5)	11·0 (7·2–13·9)	11·9 (8·0–14·8)	14·5 (9·6–18·4)	17·8 (11·3–21·8)	20·3 (13·3–24·3)	60·5 (40·0–73·9)
Urinary diseases and male infertility	4·5 (3·1–6·2)	5·8 (3·9–7·5)	7·4 (5·4–10·1)	9·9 (6·7–13·1)	14·1 (9·7–19·2)	17·4 (12·3–23·3)	64·4 (43·8–87·5)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	2·5 (1·4–3·8)	3·3 (2·1–4·6)	4·1 (2·5–5·9)	5·5 (3·2–7·6)	8·3 (5·0–12·1)	10·9 (6·3–15·0)	46·6 (23·9–65·0)
Urolithiasis	0·4 (0·2–0·6)	0·5 (0·2–0·9)	0·6 (0·3–1·2)	0·8 (0·3–1·6)	1·0 (0·4–1·8)	1·2 (0·5–2·2)	3·0 (1·2–5·7)
Other urinary diseases	1·6 (1·0–2·4)	2·0 (1·3–2·8)	2·7 (1·9–3·9)	3·6 (2·3–5·1)	4·7 (3·1–6·8)	5·3 (3·5–7·9)	14·9 (9·9–21·7)
Gynecological diseases	0·5 (0·5–0·5)	0·4 (0·4–0·5)	0·4 (0·4–0·4)	0·4 (0·4–0·4)	0·5 (0·5–0·5)	0·5 (0·5–0·6)	1·5 (1·4–1·6)
Uterine fibroids	0·1 (0·1–0·1)	0·1 (0·1–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·1–0·2)
Endometriosis	<0·05 (0·0–0·05)	–	–	–	–	–	–
Genital prolapse	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·0–0·1)	0·2 (0·2–0·2)
Other gynecological diseases	0·4 (0·4–0·4)	0·4 (0·3–0·4)	0·3 (0·3–0·3)	0·3 (0·3–0·4)	0·4 (0·4–0·4)	0·4 (0·4–0·5)	1·2 (1·1–1·3)
Hemoglobinopathies and hemolytic anemias	1·5 (1·0–2·6)	2·0 (1·2–3·6)	2·3 (1·5–4·0)	2·8 (1·7–5·0)	3·8 (2·4–6·4)	4·6 (2·8–8·0)	11·4 (7·1–19·0)
Thalassemias	0·4 (0·3–0·5)	0·3 (0·3–0·4)	0·2 (0·2–0·2)	0·1 (0·1–0·1)	0·1 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)

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Cause	Females, 50-54 Years	Females, 55-59 Years	Females, 60-64 Years	Females, 65-69 Years	Females, 70-74 Years	Females, 75-79 Years	Females, 80+ Years
Sickle cell disorders	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·3 (0·2–0·4)	0·3 (0·2–0·3)	0·2 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·1–0·1)
G6PD deficiency	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·4 (0·4–0·6)
Other hemoglobinopathies and hemolytic anemias	0·7 (0·3–1·6)	1·2 (0·6–2·4)	1·8 (0·9–3·1)	2·4 (1·2–4·2)	3·4 (1·9–5·8)	4·3 (2·4–7·7)	10·8 (6·9–18·1)
Other endocrine, nutritional, blood, and immune disorders	5·2 (2·7–9·5)	6·5 (3·1–11·3)	7·9 (3·9–14·7)	8·8 (4·4–17·2)	10·3 (5·3–19·0)	11·9 (6·4–23·1)	39·2 (20·5–80·1)
Musculoskeletal disorders	4·8 (2·9–7·7)	6·6 (3·7–10·7)	6·6 (4·0–11·3)	7·2 (4·1–11·0)	9·3 (5·3–15·2)	12·2 (6·9–19·1)	30·8 (17·7–48·4)
Rheumatoid arthritis	1·5 (1·0–2·6)	2·5 (1·6–4·3)	2·6 (1·7–4·1)	3·0 (2·0–4·9)	3·9 (2·5–6·5)	5·1 (3·3–8·5)	8·8 (5·9–14·0)
Other musculoskeletal disorders	3·3 (2·4–4·9)	4·1 (3·0–5·8)	4·1 (3·2–5·6)	4·1 (3·1–5·4)	5·4 (3·9–7·1)	7·0 (4·8–9·1)	22·1 (13·4–28·0)
Other non-communicable diseases	4·6 (3·3–6·1)	6·1 (4·3–8·4)	7·4 (5·0–10·0)	8·3 (5·6–11·2)	12·0 (8·3–15·3)	13·1 (9·3–17·4)	39·1 (27·8–47·3)
Congenital anomalies	2·6 (1·7–3·8)	3·8 (2·3–5·8)	4·6 (2·6–6·9)	5·0 (2·8–7·6)	7·0 (3·8–10·0)	7·2 (3·8–10·7)	19·1 (10·3–25·7)
Neural tube defects	0·2 (0·0–0·5)	0·3 (0·1–0·8)	0·3 (0·1–0·7)	0·3 (0·1–0·7)	0·5 (0·2–1·1)	0·5 (0·1–1·2)	0·5 (0·2–1·3)
Congenital heart anomalies	0·9 (0·6–1·3)	1·3 (0·9–2·0)	1·8 (1·1–2·8)	2·3 (1·3–3·8)	3·6 (2·0–5·7)	4·0 (2·2–6·4)	13·3 (9·1–19·9)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	0·4 (0·2–0·8)	0·6 (0·3–0·9)	0·5 (0·2–1·0)	0·3 (0·1–0·6)	0·1 (0·1–0·2)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)
Other chromosomal abnormalities	0·1 (0·0–0·1)	0·1 (0·0–0·3)	0·1 (0·0–0·1)	0·3 (0·0–2·0)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·1–0·6)
Other congenital anomalies	1·0 (0·6–1·9)	1·5 (0·9–3·1)	1·9 (1·1–3·6)	1·9 (1·0–3·4)	2·7 (1·6–5·1)	2·6 (1·4–5·0)	5·0 (2·6–9·2)
Skin and subcutaneous diseases	2·0 (1·1–3·1)	2·3 (1·4–3·4)	2·9 (1·6–4·5)	3·3 (1·9–4·7)	5·0 (3·0–7·1)	5·9 (3·6–8·2)	20·0 (13·0–25·7)
Cellulitis	0·7 (0·4–1·1)	0·8 (0·5–1·2)	0·9 (0·5–1·4)	0·9 (0·5–1·3)	1·2 (0·7–1·6)	1·1 (0·7–1·5)	2·6 (1·6–3·3)
Abscess, impetigo, and other bacterial skin diseases	0·8 (0·4–1·2)	0·9 (0·5–1·4)	1·1 (0·6–1·6)	1·1 (0·6–1·6)	1·5 (0·9–2·1)	1·5 (0·9–2·1)	4·4 (2·8–5·6)
Decubitus ulcer	0·5 (0·3–0·8)	0·6 (0·4–0·9)	0·9 (0·5–1·4)	1·2 (0·7–1·8)	2·3 (1·4–3·3)	3·3 (2·0–4·5)	13·0 (8·5–16·4)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	80·6 (68·4–98·5)	81·6 (69·0–97·7)	77·0 (64·8–90·9)	75·0 (62·6–87·0)	83·7 (69·3–96·2)	86·7 (73·1–99·3)	230·9 (187·3–260·5)
Transport injuries	21·3 (14·8–31·3)	23·4 (16·2–33·3)	21·2 (14·5–30·9)	20·1 (13·4–28·6)	20·6 (14·3–29·9)	18·1 (12·8–25·5)	23·1 (17·5–32·3)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Road injury	20·4 (15·8–30·8)	22·6 (17·5–32·9)	20·4 (15·9–30·3)	19·4 (15·5–28·5)	19·9 (15·6–30·3)	17·4 (14·1–27·1)	22·1 (18·0–34·2)
Pedestrian injury by road vehicle	6·4 (3·8–10·1)	7·6 (4·6–11·6)	7·3 (4·4–11·0)	7·1 (4·5–10·6)	7·8 (4·9–11·8)	7·6 (4·6–11·1)	10·1 (6·7–14·5)
Pedal cycle vehicle	1·3 (0·7–2·5)	1·5 (0·9–2·9)	1·4 (0·8–2·8)	1·4 (0·8–2·5)	1·5 (0·9–2·9)	1·2 (0·7–2·1)	1·4 (0·8–2·2)
Motorized vehicle with two wheels	2·0 (1·4–2·8)	2·0 (1·4–2·8)	1·8 (1·2–2·7)	1·5 (1·0–2·2)	1·4 (1·0–2·0)	1·2 (0·9–1·6)	1·3 (0·9–2·0)
Motorized vehicle with three or more wheels	8·2 (5·6–12·1)	8·5 (5·8–12·5)	7·4 (4·8–10·6)	7·3 (4·9–10·6)	6·9 (4·7–10·0)	5·6 (3·8–8·0)	7·3 (4·8–11·0)
Road injury other	2·5 (0·5–9·3)	3·0 (0·6–9·1)	2·6 (0·6–9·3)	2·1 (0·5–7·3)	2·3 (0·5–7·5)	1·8 (0·4–5·9)	2·1 (0·4–8·0)
Other transport injury	0·9 (0·6–1·3)	0·9 (0·6–1·3)	0·8 (0·5–1·1)	0·7 (0·4–1·0)	0·7 (0·5–0·9)	0·7 (0·5–1·0)	1·0 (0·7–1·5)
Unintentional injuries other than transport injuries	29·5 (23·4–37·3)	30·4 (24·4–37·6)	31·0 (24·4–37·8)	33·0 (26·0–39·8)	41·5 (32·0–50·2)	51·5 (40·2–61·5)	181·2 (138·8–208·8)
Falls	5·7 (3·6–8·3)	6·7 (4·3–9·6)	8·3 (4·9–11·3)	10·4 (6·1–14·8)	15·7 (9·8–22·4)	24·6 (15·2–33·2)	108·6 (72·4–133·8)
Drowning	3·8 (2·7–5·7)	3·8 (2·5–5·8)	4·1 (2·8–6·3)	3·9 (2·7–5·7)	4·6 (3·0–7·2)	4·2 (2·9–6·2)	7·5 (4·9–10·4)
Fire, heat and hot substances	6·1 (3·0–12·7)	5·9 (3·0–11·5)	5·7 (3·3–10·4)	5·6 (3·1–9·4)	6·4 (3·7–10·5)	6·3 (3·9–9·3)	13·1 (8·7–17·3)
Poisonings	4·0 (2·1–5·6)	3·4 (2·0–4·6)	2·5 (1·6–3·8)	2·4 (1·5–3·2)	2·3 (1·6–3·5)	2·3 (1·4–3·1)	4·2 (2·5–5·8)
Exposure to mechanical forces	3·2 (2·1–5·3)	3·2 (1·7–5·4)	2·6 (1·4–4·2)	2·6 (1·5–4·8)	2·6 (1·2–4·6)	2·7 (1·4–5·0)	5·4 (2·1–9·8)
Mechanical forces (firearm)	1·3 (0·3–4·2)	1·1 (0·3–3·1)	0·9 (0·2–2·4)	0·9 (0·2–3·0)	0·9 (0·2–2·6)	0·9 (0·2–2·7)	1·2 (0·3–4·1)
Mechanical forces (other)	2·0 (0·9–3·4)	2·1 (0·9–4·1)	1·7 (0·8–3·1)	1·6 (0·6–3·2)	1·7 (0·7–3·2)	1·9 (0·7–4·1)	4·2 (1·6–7·5)
Adverse effects of medical treatment	1·5 (0·6–2·3)	1·7 (0·8–2·4)	2·0 (1·0–2·8)	2·4 (1·1–3·3)	2·8 (1·3–3·9)	3·5 (1·6–5·0)	10·4 (4·8–15·9)
Animal contact	1·2 (0·6–2·2)	1·1 (0·5–2·1)	1·2 (0·6–2·2)	1·0 (0·5–1·9)	1·2 (0·6–2·2)	1·1 (0·5–2·0)	1·4 (0·7–2·6)
Animal contact (venomous)	0·8 (0·3–1·8)	0·7 (0·3–1·6)	0·8 (0·3–1·6)	0·6 (0·3–1·3)	0·8 (0·3–1·6)	0·6 (0·2–1·5)	0·7 (0·3–1·6)
Animal contact (non-venomous)	0·4 (0·2–0·7)	0·4 (0·1–0·7)	0·4 (0·2–0·8)	0·4 (0·1–0·8)	0·5 (0·2–0·9)	0·4 (0·2–0·9)	0·6 (0·3–1·3)
Unintentional injuries not classified elsewhere	4·0 (2·6–5·8)	4·6 (3·0–6·8)	4·7 (2·9–7·1)	4·7 (3·0–6·6)	5·9 (3·5–8·6)	6·8 (4·4–9·2)	30·7 (18·7–38·3)
Self-harm and interpersonal violence	25·0 (16·7–37·1)	23·2 (15·2–37·9)	20·8 (12·8–29·6)	18·5 (11·4–27·9)	19·4 (12·5–26·8)	16·3 (10·9–23·1)	26·2 (18·0–39·0)
Self-harm	21·2 (12·8–33·0)	19·9 (11·8–34·2)	18·2 (10·4–26·9)	16·4 (9·3–25·9)	17·3 (10·3–24·7)	14·4 (9·1–21·2)	22·7 (14·8–35·5)
Interpersonal violence	3·8 (3·1–5·3)	3·3 (2·6–4·6)	2·6 (2·0–3·5)	2·1 (1·7–2·7)	2·1 (1·7–2·7)	1·8 (1·4–2·4)	3·5 (2·3–4·6)

Web Table 25 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 2010							
Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Assault by firearm	1·1 (0·5–2·1)	0·8 (0·3–1·5)	0·6 (0·3–1·1)	0·4 (0·2–0·7)	0·3 (0·1–0·5)	0·2 (0·1–0·5)	0·4 (0·2–0·7)
Assault by sharp object	1·0 (0·6–1·6)	0·9 (0·5–1·4)	0·7 (0·4–1·1)	0·6 (0·3–0·9)	0·6 (0·3–0·9)	0·4 (0·2–0·7)	0·7 (0·3–1·2)
Assault by other means	1·7 (1·1–2·5)	1·6 (1·0–2·6)	1·3 (0·9–1·9)	1·1 (0·7–1·6)	1·3 (0·8–1·8)	1·2 (0·8–1·7)	2·4 (1·5–3·5)
Forces of nature, war, and legal intervention	4·8 (2·4–10·3)	4·6 (2·4–9·4)	3·9 (2·2–7·6)	3·4 (2·0–6·3)	2·2 (1·3–4·1)	0·9 (0·5–1·6)	0·4 (0·2–0·9)
Exposure to forces of nature	4·4 (2·2–9·3)	4·2 (2·2–8·5)	3·5 (1·9–6·8)	3·0 (1·7–5·5)	1·9 (1·2–3·4)	0·7 (0·4–1·3)	0·3 (0·1–0·6)
Collective violence and legal intervention	0·4 (0·2–0·9)	0·4 (0·2–0·9)	0·4 (0·2–0·9)	0·4 (0·2–0·8)	0·3 (0·2–0·6)	0·2 (0·1–0·4)	0·1 (0·1–0·3)

* For these causes, the mean value is outside of the 95% uncertainty interval. This occurs because the full distribution of 1,000 draws is asymmetric with a long tail. A small number of high values in the uncertainty distribution raises the mean above the 97.5 percentile of the distribution.

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
All causes	46,511·2 (45,497·4–47,726·2)	3,126·7 (2,818·6–3,406·6)	1,263·2 (1,182·6–1,342·7)	3,570·1 (3,317·8–3,994·4)	3,599·5 (3,254·5–4,047·5)	711·2 (674·9–754·3)	438·2 (417·1–462·0)
Communicable, maternal, neonatal, and nutritional disorders	15,859·2 (15,065·8–16,842·5)	2,884·3 (2,560·3–3,162·7)	1,126·3 (1,048·1–1,210·2)	3,035·0 (2,787·3–3,488·7)	2,776·0 (2,451·5–3,246·4)	421·9 (382·4–478·7)	202·9 (180·9–229·8)
HIV/AIDS and tuberculosis	1,770·3 (1,600·2–2,032·7)	–	–	41·2 (32·3–52·2)	95·5 (77·2–120·3)	21·0 (17·1–27·1)	13·4 (11·1–16·8)
Tuberculosis	1,471·5 (1,318·5–1,716·1)	–	–	30·1 (22·0–40·9)	55·9 (42·2–77·8)	18·0 (14·1–24·0)	12·7 (10·4–16·1)
HIV/AIDS	298·8 (242·0–378·5)	–	–	11·1 (8·6–14·1)	39·6 (30·4–50·5)	3·1 (2·3–4·2)	0·7 (0·5–1·2)
HIV disease resulting in mycobacterial infection	53·8 (42·4–70·0)	–	–	2·4 (1·8–3·0)	8·4 (6·3–10·8)	0·6 (0·5–0·9)	0·1 (0·1–0·2)
HIV disease resulting in other specified or unspecified diseases	245·0 (197·7–312·6)	–	–	8·8 (6·7–11·3)	31·2 (23·4–40·7)	2·4 (1·8–3·4)	0·6 (0·5–1·0)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	7,772·1 (7,136·0–8,769·2)	373·7 (316·5–443·5)	550·5 (497·0–619·0)	2,243·7 (1,986·0–2,713·5)	1,879·2 (1,579·2–2,378·4)	285·5 (240·7–351·5)	124·3 (103·2–152·0)
Diarrheal diseases	2,487·4 (2,306·8–2,661·9)	64·1 (49·6–85·1)	158·0 (130·1–189·8)	826·2 (731·6–915·5)	663·9 (585·4–755·0)	84·9 (69·1–102·5)	33·1 (27·3–39·8)
Cholera	120·9 (96·7–149·1)	3·6 (2·3–5·8)	8·9 (5·9–13·3)	43·4 (30·8–59·4)	45·7 (36·0–58·4)	4·5 (3·2–6·2)	1·3 (0·9–1·8)
Other salmonella infections	134·7 (107·5–162·4)	2·5 (1·7–3·7)	6·4 (4·5–9·1)	36·0 (27·1–47·7)	34·2 (27·5–43·4)	7·3 (5·5–9·5)	4·1 (3·0–5·4)
Shigellosis	194·0 (161·5–227·4)	4·0 (2·6–5·7)	9·8 (6·8–13·6)	50·2 (38·3–63·6)	49·4 (39·9–60·7)	8·9 (6·7–11·7)	4·5 (3·3–6·0)
Enteropathogenic E coli infection	205·5 (163·0–250·2)	8·2 (5·4–12·8)	20·5 (14·2–29·5)	107·5 (81·6–134·5)	53·5 (41·8–65·9)	3·3 (2·5–4·4)	0·8 (0·6–1·1)
Enterotoxigenic E coli infection	184·0 (155·6–218·2)	3·7 (2·5–5·5)	9·2 (6·7–13·0)	49·1 (38·2–63·3)	41·0 (33·4–49·6)	5·7 (4·3–7·5)	2·7 (2·0–3·7)
Campylobacter enteritis	210·8 (171·2–253·6)	6·6 (4·4–9·8)	16·4 (11·7–22·7)	86·1 (66·9–107·2)	57·0 (45·4–70·8)	5·5 (3·9–7·3)	2·0 (1·4–2·7)
Amoebiasis	67·7 (53·2–82·8)	0·7 (0·4–1·3)	1·8 (1·1–3·0)	9·2 (6·1–13·7)	12·3 (9·3–15·6)	2·0 (1·4–2·7)	1·0 (0·7–1·3)
Cryptosporidiosis	222·6 (181·5–264·7)	8·3 (6·0–11·9)	20·1 (15·4–26·4)	106·0 (84·8–128·9)	69·7 (56·1–85·7)	4·4 (3·2–5·8)	0·8 (0·6–1·1)
Rotaviral enteritis	523·3 (433·5–605·7)	16·4 (11·3–24·3)	39·7 (29·3–51·4)	210·2 (169·3–249·7)	176·3 (143·0–211·7)	14·7 (10·8–19·2)	3·7 (2·7–4·9)
Other diarrheal diseases	623·9 (466·5–814·3)	10·0 (5·8–16·3)	25·2 (15·8–39·0)	128·4 (85·9–184·7)	124·7 (84·1–182·0)	28·6 (19·8–39·6)	12·3 (8·6–17·3)
Typhoid and paratyphoid fevers	136·5 (16·5–254·7)	–	–	7·2 (0·9–13·6)	25·3 (2·9–47·8)	22·0 (2·7–40·8)	15·0 (1·8–28·1)
Lower respiratory infections	3,415·4 (3,109·5–3,650·9)	207·8 (167·5–243·4)	222·7 (188·9–252·9)	903·6 (800·0–991·5)	625·9 (539·5–723·0)	71·1 (59·3–82·2)	36·3 (28·9–42·0)
Influenza	574·6 (519·3–625·8)	29·7 (22·7–36·7)	31·6 (25·3–38·1)	131·4 (108·9–154·7)	91·3 (77·4–108·6)	12·2 (9·9–14·3)	7·1 (5·6–8·4)
Pneumococcal pneumonia	858·4 (778·5–932·3)	33·8 (26·1–41·5)	35·9 (29·0–43·2)	147·9 (123·2–173·9)	163·3 (142·3–189·4)	15·9 (13·1–18·7)	6·7 (5·2–7·9)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Both Sexes, All Ages	Both Sexes, 0-6 Days	Both Sexes, 7-27 Days	Both Sexes, 28-364 Days	Both Sexes, 1-4 Years	Both Sexes, 5-9 Years	Both Sexes, 10-14 Years
H influenzae type B pneumonia	606·9 (541·5–669·6)	47·2 (36·7–58·4)	50·0 (40·5–59·9)	208·1 (176·5–241·1)	141·6 (121·4–165·9)	15·1 (12·3–17·8)	7·0 (5·5–8·2)
Respiratory syncytial virus pneumonia	534·8 (463·4–608·4)	69·0 (55·1–83·4)	75·3 (62·7–89·3)	295·8 (256·6–337·9)	80·2 (69·0–93·7)	0·7 (0·6–0·8)	0·4 (0·3–0·4)
Other lower respiratory infections	840·6 (747·9–926·9)	28·2 (19·6–37·4)	29·9 (21·9–39·0)	120·4 (94·0–152·5)	149·5 (123·6–175·3)	27·2 (22·3–31·6)	15·2 (11·9–17·8)
Upper respiratory infections	4·0 (3·6–4·2)	0·2 (0·2–0·3)	0·3 (0·2–0·3)	1·2 (1·0–1·3)	0·8 (0·7–0·9)	0·1 (0·1–0·1)	0·1 (0·0–0·1)
Otitis media	5·2 (0·0–61·0)	0·1 (0·0–0·7)	0·2 (0·0–2·9)	2·8 (0·0–33·7)	0·5 (0·0–5·6)	0·1 (0·0–1·4)	0·1 (0·0–1·2)
Meningitis	492·2 (444·1–583·3)	20·3 (15·2–27·2)	44·4 (34·3–58·5)	130·6 (107·8–163·6)	116·6 (93·8–157·9)	27·1 (20·2–36·5)	13·7 (10·6–18·3)
Pneumococcal meningitis	124·9 (111·8–149·3)	3·8 (2·6–5·3)	8·3 (6·2–11·1)	23·2 (18·7–30·0)	31·7 (24·8–44·6)	8·6 (6·3–11·7)	4·6 (3·4–6·3)
H influenzae type B meningitis	118·9 (103·2–148·5)	5·6 (4·1–7·6)	12·6 (9·4–17·0)	36·2 (29·2–46·8)	41·1 (31·5–56·7)	9·0 (6·5–12·4)	3·3 (2·4–4·6)
Meningococcal infection	77·1 (68·8–92·7)	2·4 (1·6–3·5)	5·1 (3·8–7·0)	13·6 (10·8–17·8)	22·0 (17·2–31·2)	5·5 (4·3–7·2)	3·0 (2·4–3·8)
Other meningitis	171·3 (153·2–199·2)	8·5 (6·3–11·1)	18·4 (14·2–23·7)	57·6 (47·7–72·4)	21·8 (17·5–29·9)	4·0 (3·1–5·3)	2·9 (2·3–3·9)
Encephalitis	143·5 (126·7–168·1)	5·1 (3·5–7·5)	12·6 (8·2–18·5)	32·8 (25·1–42·1)	30·0 (22·3–40·7)	11·9 (7·3–18·0)	5·6 (3·2–8·9)
Diphtheria	6·3 (0·0–53·0)	–	–	1·4 (0·0–11·6)	3·7 (0·0–31·8)	0·7 (0·0–6·4)	0·2 (0·0–1·6)
Whooping cough	166·5 (0·6–815·7)	–	–	132·7 (0·5–642·7)	30·2 (0·1–150·9)	1·6 (0·0–8·1)	0·3 (0·0–1·8)
Tetanus	272·8 (163·4–456·1)	75·8 (40·0–133·9)	112·0 (66·1–174·9)	36·8 (19·0–64·2)	5·9 (0·1–25·0)	5·4 (0·1–21·8)	3·1 (0·0–12·5)
Measles	631·2 (188·2–1,492·6)	–	–	165·8 (49·0–400·3)	373·7 (111·2–874·5)	60·0 (18·3–134·5)	16·6 (4·8–41·2)
Varicella	11·2 (0·0–75·0)	0·2 (0·0–1·4)	0·4 (0·0–2·7)	2·6 (0·0–17·6)	2·7 (0·0–18·6)	0·7 (0·0–4·6)	0·3 (0·0–1·9)
Neglected tropical diseases and malaria	1,210·6 (1,014·1–1,485·4)	0·5 (0·3–0·9)	24·0 (16·6–34·0)	203·0 (148·2–269·0)	407·2 (289·0–535·0)	61·6 (45·7–80·3)	37·7 (29·7–46·7)
Malaria	975·7 (781·2–1,239·5)	–	22·7 (15·4–32·6)	189·4 (131·6–255·9)	364·1 (248·7–490·5)	36·6 (24·6–51·8)	21·7 (15·4–29·9)
Chagas disease	9·3 (4·6–19·9)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)
Leishmaniasis	87·2 (50·6–138·4)	–	0·7 (0·3–1·3)	8·0 (3·6–15·2)	21·4 (10·4–38·6)	10·4 (5·6–18·0)	7·5 (4·2–11·9)
African trypanosomiasis	33·5 (9·9–72·7)	–	–	–	2·9 (0·6–5·9)	2·4 (0·7–5·3)	2·7 (0·9–5·7)
Schistosomiasis	10·5 (0·0–62·9)	–	–	<0·05 (0·0–0·1)	0·1 (0·0–0·8)	0·1 (0·0–0·4)	0·1 (0·0–0·6)
Cysticercosis	0·7 (0·0–2·8)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)

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Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
Echinococcosis	2·0 (0·0–7·7)	–	–	–	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)
Dengue	11·4 (3·7–23·5)	–	–	1·2 (0·3–2·9)	3·0 (0·6–8·3)	1·3 (0·4–2·9)	0·5 (0·2–1·1)
Rabies	54·1 (32·4–103·4)	–	–	2·1 (0·9–4·5)	10·3 (3·8–27·9)	9·2 (4·8–18·1)	4·3 (2·3–8·4)
Intestinal nematode infections	3·4 (0·0–16·4)	–	–	0·4 (0·0–1·7)	2·1 (0·0–10·0)	0·5 (0·0–2·1)	0·1 (0·0–0·5)
Ascariasis	3·4 (0·0–16·4)	–	–	0·4 (0·0–1·7)	2·1 (0·0–10·0)	0·5 (0·0–2·1)	0·1 (0·0–0·5)
Other neglected tropical diseases	22·9 (14·3–29·5)	0·5 (0·3–0·9)	0·7 (0·4–1·3)	1·9 (1·1–3·4)	3·3 (1·4–6·4)	1·1 (0·5–2·3)	0·7 (0·4–1·2)
Maternal disorders	358·6 (297·7–429·4)	–	–	–	–	–	–
Maternal hemorrhage	84·8 (69·0–101·7)	–	–	–	–	–	–
Maternal sepsis	33·8 (28·0–41·6)	–	–	–	–	–	–
Hypertensive disorders of pregnancy	69·8 (57·6–85·0)	–	–	–	–	–	–
Obstructed labor	19·1 (15·6–23·8)	–	–	–	–	–	–
Abortion	56·1 (46·4–68·7)	–	–	–	–	–	–
Other maternal disorders	95·1 (78·4–112·8)	–	–	–	–	–	–
Neonatal disorders	3.081·1 (2,684·2–3,393·8)	2.402·9 (2,088·5–2,667·8)	506·8 (429·7–586·2)	164·6 (132·3–197·3)	6·8 (5·2–9·1)	–	–
Preterm birth complications	1,204·1 (998·1–1,376·8)	984·5 (809·2–1,131·3)	162·6 (125·6–196·0)	55·9 (41·8–70·5)	1·1 (0·7–1·6)	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	638·1 (516·7–798·1)	541·6 (433·4–688·7)	73·6 (56·2–97·2)	20·5 (15·3–26·7)	2·4 (1·3–4·2)	–	–
Sepsis and other infectious disorders of the newborn baby	534·6 (292·0–817·1)	391·4 (215·4–600·2)	113·4 (58·5–175·6)	29·0 (14·6–50·3)	0·7 (0·2–1·4)	–	–
Other neonatal disorders	704·3 (529·1–860·3)	485·3 (352·4–618·9)	157·1 (122·0–189·9)	59·2 (41·6–77·1)	2·6 (1·3–4·3)	–	–
Nutritional deficiencies	976·9 (854·4–1,155·7)	–	–	256·2 (214·5–310·5)	307·2 (251·5–372·8)	29·9 (21·7–41·6)	15·5 (11·4–22·1)
Protein-energy malnutrition	883·0 (726·7–1,052·6)	–	–	245·1 (197·4–302·1)	289·5 (231·5–357·1)	27·2 (19·5–37·9)	13·4 (9·3–19·5)
Iodine deficiency	2·0 (1·7–2·4)	–	–	0·3 (0·2–0·4)	0·2 (0·1–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Iron-deficiency anemia	80·8 (66·5–97·8)	–	–	9·1 (7·5–11·4)	16·7 (12·9–21·8)	2·5 (2·0–3·2)	1·9 (1·6–2·4)
Other nutritional deficiencies	11·1 (9·6–14·0)	–	–	1·7 (1·3–2·3)	0·8 (0·7–1·0)	0·2 (0·1–0·2)	0·1 (0·1–0·1)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
Other communicable, maternal, neonatal, and nutritional disorders	689·5 (569·9–815·1)	107·2 (68·2–162·7)	45·0 (31·8–60·0)	126·3 (94·3–165·6)	80·1 (53·9–104·1)	23·9 (18·8–30·5)	12·0 (9·7–14·2)
Sexually transmitted diseases excluding HIV	209·4 (130·0–324·3)	90·8 (53·9–143·8)	23·5 (14·0–37·4)	60·6 (36·1–97·3)	14·7 (8·6–23·6)	4·3 (2·6–6·9)	0·4 (0·2–0·6)
Syphilis	202·9 (121·9–315·8)	90·8 (52·7–143·8)	23·5 (13·5–37·4)	60·6 (35·0–96·3)	14·7 (8·3–23·6)	4·3 (2·5–6·9)	0·2 (0·1–0·3)
Sexually transmitted chlamydial diseases	1·5 (0·8–2·0)	–	–	–	–	–	<0·05 (0·0–0·1)
Gonococcal infection	1·1 (0·6–1·5)	–	–	–	–	–	<0·05 (0·0–0·1)
Other sexually transmitted diseases	3·8 (2·0–5·0)	–	–	–	–	–	0·1 (0·1–0·2)
Hepatitis	210·2 (200·3–221·1)	–	–	16·7 (13·1–21·1)	18·6 (14·2–23·6)	7·8 (6·2–9·6)	5·8 (4·9–7·1)
Acute hepatitis A	99·0 (56·5–154·2)	–	–	12·5 (6·0–19·5)	11·2 (2·9–20·4)	2·9 (1·0–5·3)	2·1 (0·9–3·7)
Acute hepatitis B	68·6 (46·7–84·4)	–	–	4·2 (1·9–7·2)	2·4 (0·8–4·3)	0·8 (0·3–1·5)	0·5 (0·2–0·8)
Acute hepatitis C	8·1 (4·9–11·6)	–	–	–	–	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Acute hepatitis E	34·5 (19·6–55·0)	–	–	–	5·1 (2·4–8·9)	4·0 (2·0–6·8)	3·2 (1·6–5·5)
Other infectious diseases	269·9 (192·2–320·5)	16·4 (9·6–23·5)	21·5 (13·5–29·2)	49·0 (30·1–68·4)	46·8 (25·5–66·4)	11·7 (7·4–17·2)	5·8 (3·6–7·6)
Non-communicable diseases	26,560·3 (25,843·4–27,249·3)	221·6 (188·3–276·0)	115·8 (96·0–140·6)	387·8 (329·6–459·3)	406·2 (338·5–474·9)	131·8 (115·0–152·3)	109·8 (99·9–119·7)
Neoplasms	5,779·1 (5,415·9–6,201·9)	1·1 (0·8–1·7)	1·0 (0·6–1·9)	10·6 (7·8–14·5)	24·5 (17·0–32·0)	26·7 (21·2–31·3)	23·9 (19·5–27·1)
Esophageal cancer	344·7 (279·7–428·8)	–	–	–	–	–	–
Stomach cancer	774·1 (602·8–1,014·2)	–	–	–	–	–	–
Liver cancer	463·0 (386·5–526·8)	–	–	–	–	1·0 (0·7–1·6)	1·1 (0·7–1·5)
Liver cancer secondary to hepatitis B	210·2 (176·9–239·4)	–	–	–	–	0·2 (0·2–0·4)	0·4 (0·2–0·6)
Liver cancer secondary to hepatitis C	113·0 (96·6–129·3)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)
Liver cancer secondary to alcohol use	93·4 (78·6–106·4)	–	–	–	–	–	–
Other liver cancer	46·5 (38·2–52·6)	–	–	–	–	0·7 (0·5–1·1)	0·6 (0·4–0·9)
Larynx cancer	81·9 (43·5–133·4)	–	–	–	–	–	–
Trachea, bronchus and lung cancers	1,036·3 (825·8–1,314·3)	–	–	–	–	–	–

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Both Sexes, All Ages	Both Sexes, 0-6 Days	Both Sexes, 7-27 Days	Both Sexes, 28-364 Days	Both Sexes, 1-4 Years	Both Sexes, 5-9 Years	Both Sexes, 10-14 Years
Breast cancer	319·1 (310·1–337·0)	–	–	–	–	–	–
Cervical cancer	192·3 (120·5–264·4)	–	–	–	–	–	–
Uterine cancer	45·2 (25·3–79·4)	–	–	–	–	–	–
Prostate cancer	155·6 (88·8–239·6)	–	–	–	–	–	–
Colon and rectum cancers	490·5 (417·2–547·3)	–	–	–	–	–	–
Mouth cancer	81·9 (68·6–88·3)	–	–	–	–	–	–
Nasopharynx cancer	45·2 (29·9–59·6)	–	–	–	–	0·2 (0·1–0·4)	0·4 (0·3–0·7)
Cancer of other part of pharynx and oropharynx	74·0 (43·8–90·9)	–	–	–	–	–	–
Gallbladder and biliary tract cancer	97·4 (66·1–136·0)	–	–	–	–	–	–
Pancreatic cancer	200·0 (154·1–261·5)	–	–	–	–	–	–
Malignant melanoma of skin	31·0 (20·3–46·6)	–	–	–	–	–	–
Non-melanoma skin cancer	20·5 (12·5–32·7)	–	–	–	–	–	–
Ovarian cancer	113·6 (82·9–138·8)	–	–	–	–	–	–
Testicular cancer	6·5 (3·8–8·3)	–	–	–	–	–	–
Kidney and other urinary organ cancers	85·1 (62·0–112·9)	–	–	0·5 (0·2–0·8)	1·5 (0·7–2·5)	0·9 (0·5–1·6)	0·4 (0·2–0·9)
Bladder cancer	123·4 (100·2–148·5)	–	–	–	–	–	–
Brain and nervous system cancers	131·5 (88·7–188·3)	–	–	–	2·2 (0·9–5·3)	4·5 (2·9–6·6)	3·2 (2·1–4·4)
Thyroid cancer	24·0 (18·0–29·9)	–	–	–	–	–	0·2 (0·1–0·4)
Hodgkin's disease	18·9 (11·8–26·2)	0·1 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·4 (0·2–0·8)	0·6 (0·3–1·0)	0·5 (0·3–0·8)
Non-Hodgkin's lymphoma	143·2 (119·4–158·9)	–	–	0·6 (0·3–1·1)	3·5 (1·8–5·8)	3·8 (2·1–5·7)	3·1 (1·9–4·5)
Multiple myeloma	49·3 (34·5–71·2)	–	–	–	–	–	–
Leukemia	218·3 (175·7–269·2)	–	–	4·8 (3·5–7·7)	10·7 (7·4–14·7)	10·6 (8·1–13·3)	9·9 (7·7–12·6)
Other neoplasms	412·7 (319·5–521·9)	1·0 (0·7–1·6)	1·0 (0·6–1·9)	4·6 (2·9–7·5)	6·1 (3·6–9·6)	5·0 (3·5–7·1)	5·1 (3·6–6·9)

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Cause	Both Sexes, All Ages	Both Sexes, 0-6 Days	Both Sexes, 7-27 Days	Both Sexes, 28-364 Days	Both Sexes, 1-4 Years	Both Sexes, 5-9 Years	Both Sexes, 10-14 Years
Cardiovascular and circulatory diseases	11,903·7 (11,329·4–12,589·3)	11·4 (9·5–13·3)	10·3 (8·7–12·3)	47·7 (41·3–58·9)	48·1 (40·6–57·9)	19·2 (16·6–22·2)	21·1 (18·5–24·2)
Rheumatic heart disease	462·6 (431·5–517·7)	–	–	–	5·0 (3·6–7·0)	3·1 (2·5–4·0)	5·1 (4·2–6·7)
Ischemic heart disease	5,211·8 (5,014·5–5,643·9)	–	–	9·9 (6·9–13·0)	9·8 (6·7–12·3)	4·0 (3·3–4·8)	4·5 (3·6–5·2)
Cerebrovascular disease	4,660·4 (4,436·1–5,154·9)	4·8 (3·5–6·2)	4·3 (3·1–5·6)	14·1 (10·1–18·3)	13·4 (10·2–17·0)	6·1 (5·0–7·4)	6·2 (5·2–7·2)
Ischemic stroke	2,241·1 (2,088·0–2,494·9)	–	–	2·9 (2·2–3·7)	3·0 (2·4–3·8)	1·1 (0·9–1·3)	0·9 (0·7–1·2)
Hemorrhagic and other non-ischemic stroke	2,419·4 (2,050·9–2,827·9)	4·8 (3·4–6·9)	4·3 (3·2–6·2)	11·2 (7·7–15·5)	10·4 (7·3–14·2)	5·0 (3·9–6·5)	5·3 (4·2–6·6)
Hypertensive heart disease	590·7 (481·0–740·6)	–	–	1·7 (1·2–2·3)	2·0 (1·4–2·7)	0·7 (0·5–0·9)	0·6 (0·4–0·7)
Cardiomyopathy and myocarditis	286·8 (250·5–316·8)	2·7 (1·5–4·1)	3·1 (1·6–5·0)	8·0 (3·7–13·6)	8·6 (3·0–15·3)	2·6 (1·5–4·0)	2·3 (1·5–3·4)
Atrial fibrillation and flutter	34·4 (27·9–43·1)	–	–	–	–	–	–
Aortic aneurysm	131·9 (94·6–173·3)	–	–	–	–	–	–
Peripheral vascular disease	18·6 (12·2–28·7)	–	–	–	–	–	–
Endocarditis	35·8 (30·0–44·4)	0·5 (0·3–0·7)	0·5 (0·4–0·7)	2·6 (2·0–3·5)	2·4 (1·8–3·1)	0·6 (0·4–0·7)	0·5 (0·4–0·6)
Other cardiovascular and circulatory diseases	470·6 (446·3–489·9)	3·5 (2·4–4·7)	2·4 (1·4–3·5)	11·3 (7·0–16·3)	6·9 (3·0–11·3)	2·2 (1·5–2·9)	2·0 (1·6–2·5)
Chronic respiratory diseases	3,986·3 (3,914·3–4,063·8)	7·3 (6·1–9·3)	10·2 (8·5–12·9)	58·0 (51·2–66·6)	59·3 (53·3–66·0)	9·9 (8·6–11·3)	7·8 (7·0–8·7)
Chronic obstructive pulmonary disease	3,099·0 (2,914·2–3,338·6)	–	–	27·5 (21·5–35·0)	18·9 (14·7–23·4)	3·1 (2·3–4·0)	2·4 (1·8–3·1)
Pneumoconiosis	167·0 (86·3–295·2)	–	–	–	1·7 (0·5–3·8)	0·4 (0·1–0·8)	0·3 (0·1–0·5)
Asthma	380·2 (273·8–589·6)	–	–	–	19·6 (6·4–38·6)	3·7 (1·6–6·7)	3·2 (1·8–5·7)
Other interstitial lung disease	65·0 (44·5–89·8)	–	–	–	1·2 (0·2–2·9)	0·2 (0·1–0·5)	0·1 (0·1–0·2)
Other chronic respiratory diseases	275·2 (200·8–375·8)	7·3 (4·8–10·8)	10·2 (6·2–15·1)	30·5 (15·3–51·1)	18·0 (6·7–31·5)	2·5 (1·3–4·5)	1·8 (1·1–3·2)
Cirrhosis of the liver	777·8 (663·1–867·9)	–	–	–	16·4 (13·0–21·1)	3·7 (3·0–4·5)	3·6 (2·9–4·5)
Cirrhosis of the liver secondary to hepatitis B	241·7 (198·5–270·5)	–	–	–	1·0 (0·8–1·3)	0·6 (0·5–0·7)	0·8 (0·6–1·0)
Cirrhosis of the liver secondary to hepatitis C	211·9 (181·1–240·7)	–	–	–	0·5 (0·4–0·6)	0·3 (0·3–0·4)	0·5 (0·4–0·6)
Cirrhosis of the liver secondary to alcohol use	206·1 (168·6–245·3)	–	–	–	–	–	–

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Other cirrhosis of the liver	118·2 (101·4–136·7)	–	–	–	15·0 (11·9–19·4)	2·8 (2·3–3·5)	2·4 (1·9–3·0)
Digestive diseases (except cirrhosis)	973·1 (877·1–1,063·5)	–	–	–	63·7 (53·9–76·2)	10·6 (9·0–12·4)	9·2 (7·8–10·6)
Peptic ulcer disease	319·3 (265·9–338·8)	–	–	–	11·4 (8·5–15·2)	2·8 (2·1–3·5)	3·0 (2·1–3·6)
Gastritis and duodenitis	15·6 (11·3–21·1)	–	–	–	1·1 (0·5–2·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Appendicitis	39·5 (27·2–57·0)	–	–	–	7·9 (3·4–16·1)	1·5 (1·0–2·6)	1·2 (0·8–1·9)
Paralytic ileus and intestinal obstruction without hernia	121·0 (78·7–141·1)	–	–	–	12·9 (5·6–23·0)	2·0 (1·0–2·8)	1·5 (0·8–2·3)
Inguinal or femoral hernia	23·3 (22·8–23·7)	–	–	–	2·5 (2·3–2·6)	0·4 (0·4–0·4)	0·2 (0·2–0·2)
Noninfective inflammatory bowel disease	29·5 (16·8–37·7)	–	–	–	7·4 (1·2–13·3)	0·7 (0·2–1·1)	0·4 (0·1–0·6)
Vascular disorders of intestine	51·4 (28·9–104·6)	–	–	–	0·4 (0·1–1·0)	0·1 (0·0–0·3)	0·1 (0·0–0·3)
Gall bladder and bile duct disease	74·0 (63·6–93·6)	–	–	–	3·3 (1·2–6·2)	0·6 (0·4–0·9)	0·5 (0·3–0·9)
Pancreatitis	51·6 (37·7–64·6)	–	–	–	0·8 (0·2–1·5)	0·2 (0·1–0·4)	0·2 (0·1–0·3)
Other digestive diseases	247·9 (194·2–296·2)	–	–	–	15·9 (9·0–25·4)	2·1 (1·4–3·1)	2·0 (1·2–3·1)
Neurological disorders	594·5 (468·3–703·0)	–	–	16·0 (10·3–29·1)	30·6 (14·9–64·7)	14·1 (9·8–20·8)	12·5 (8·9–16·7)
Alzheimer's disease and other dementias	141·2 (110·8–208·5)	–	–	–	–	1·5 (0·8–2·4)	0·8 (0·5–1·2)
Parkinson's disease	53·5 (42·4–70·1)	–	–	–	–	–	–
Epilepsy	130·2 (86·4–167·7)	–	–	6·2 (2·9–11·3)	19·4 (6·3–46·6)	6·0 (3·4–9·6)	5·3 (3·6–7·1)
Multiple sclerosis	15·4 (11·4–18·8)	–	–	–	–	–	–
Other neurological disorders	254·2 (154·1–343·1)	–	–	9·8 (5·9–20·3)	11·3 (6·4–26·7)	6·5 (3·8–11·1)	6·4 (3·6–10·2)
Mental and behavioral disorders	138·1 (95·2–188·0)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·7 (0·3–1·7)	2·3 (0·9–4·2)	0·7 (0·3–1·2)	0·6 (0·3–1·0)
Schizophrenia	20·0 (13·1–24·6)	–	–	–	–	–	–
Alcohol use disorders	74·6 (40·1–119·2)	–	–	–	–	–	–
Drug use disorders	26·6 (15·5–56·4)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·7 (0·3–1·7)	1·7 (0·6–3·6)	0·4 (0·2–0·9)	0·3 (0·2–0·8)
Opioid use disorders	8·9 (5·0–18·7)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·2 (0·1–0·5)	0·6 (0·2–1·2)	0·1 (0·1–0·3)	0·1 (0·1–0·3)

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Cocaine use disorders	1·2 (0·7–2·7)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	0·1 (0·0–0·2)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Amphetamine use disorders	0·3 (0·1–0·5)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	16·2 (9·6–34·2)	0·1 (0·0–0·3)	0·1 (0·1–0·3)	0·5 (0·2–1·0)	1·1 (0·4–2·3)	0·3 (0·1–0·6)	0·2 (0·1–0·5)
Eating disorders	5·4 (2·4–8·3)	–	–	–	–	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Other mental and behavioral disorders	11·4 (5·2–17·0)	–	–	–	0·6 (0·2–1·0)	0·1 (0·1–0·2)	0·1 (0·0–0·2)
Diabetes, urogenital, blood, and endocrine diseases	1,544·3 (1,420·0–1,804·0)	6·9 (3·9–12·0)	5·8 (3·5–8·0)	46·3 (31·0–67·7)	65·9 (32·8–114·6)	25·2 (16·4–44·3)	17·9 (13·3–25·1)
Diabetes mellitus	665·0 (593·3–757·5)	1·0 (0·7–1·3)	0·8 (0·5–1·0)	5·3 (3·3–7·5)	4·8 (3·0–6·2)	1·8 (1·3–2·2)	1·9 (1·4–2·5)
Acute glomerulonephritis	135·2 (57·4–357·3)	–	–	10·3 (3·6–30·9)	19·6 (5·1–59·0)	9·6 (2·7–28·3)	4·8 (1·8–12·6)
Chronic kidney diseases	403·5 (354·5–468·9)	–	–	9·0 (5·5–13·6)	11·1 (6·8–15·1)	4·3 (2·8–6·3)	3·7 (2·6–5·2)
Chronic kidney disease due to diabetes mellitus	91·9 (79·7–109·9)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Chronic kidney disease due to hypertension	91·5 (80·1–106·9)	–	–	1·1 (0·7–1·7)	1·4 (0·8–1·9)	0·6 (0·4–0·9)	0·6 (0·4–0·8)
Chronic kidney disease unspecified	220·2 (191·9–252·9)	–	–	7·9 (4·8–12·0)	9·7 (6·1–13·2)	3·7 (2·4–5·4)	3·2 (2·2–4·4)
Urinary diseases and male infertility	140·1 (102·5–172·6)	0·7 (0·3–1·2)	0·9 (0·4–1·6)	4·3 (2·0–8·2)	3·8 (1·7–6·4)	0·8 (0·5–1·1)	0·7 (0·5–1·0)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	83·0 (61·4–107·2)	0·3 (0·1–0·5)	0·4 (0·2–0·8)	2·3 (1·0–4·3)	2·0 (0·8–3·5)	0·3 (0·2–0·5)	0·4 (0·2–0·5)
Urolithiasis	18·4 (12·4–27·8)	–	–	–	–	0·2 (0·1–0·4)	0·1 (0·1–0·3)
Other urinary diseases	38·6 (26·2–49·3)	0·3 (0·1–0·8)	0·5 (0·2–1·0)	2·0 (0·5–5·1)	1·8 (0·5–3·5)	0·2 (0·1–0·4)	0·2 (0·1–0·3)
Gynecological diseases	5·1 (3·7–6·4)	–	–	–	–	–	–
Uterine fibroids	0·4 (0·3–0·5)	–	–	–	–	–	–
Endometriosis	<0·05 (0·0–0·05)	–	–	–	–	–	–
Genital prolapse	0·2 (0·1–0·2)	–	–	–	–	–	–
Other gynecological diseases	4·5 (3·2–5·7)	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	111·4 (72·8–160·4)	3·5 (1·7–8·0)	2·4 (1·5–3·4)	10·3 (5·0–15·9)	20·3 (6·1–35·9)	6·5 (3·4–10·5)	5·0 (3·0–8·0)
Thalassemias	25·1 (17·0–34·4)	0·1 (0·0–0·1)	0·2 (0·1–0·3)	1·6 (0·9–2·4)	4·9 (2·5–7·7)	2·7 (1·5–4·3)	2·3 (1·4–3·4)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
Sickle cell disorders	23·8 (15·1–32·7)	0·2 (0·1–0·2)	0·4 (0·2–0·6)	3·3 (1·9–4·8)	8·3 (3·7–13·1)	2·4 (1·5–3·7)	1·5 (1·1–2·2)
G6PD deficiency	4·3 (3·4–5·3)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·2 (0·1–0·4)	0·6 (0·3–1·1)	0·4 (0·2–0·6)	0·3 (0·2–0·4)
Other hemoglobinopathies and hemolytic anemias	58·3 (36·2–91·2)	3·3 (1·7–7·6)	1·8 (1·1–2·8)	5·2 (2·6–9·3)	6·5 (1·8–16·3)	1·0 (0·3–2·7)	0·9 (0·4–2·2)
Other endocrine, nutritional, blood, and immune disorders	84·0 (42·3–115·5)	1·7 (0·6–3·2)	1·7 (0·5–3·2)	7·2 (2·7–12·1)	6·4 (1·6–13·4)	2·3 (0·7–4·6)	1·7 (0·6–3·2)
Musculoskeletal disorders	69·5 (46·2–89·6)	–	–	–	–	0·7 (0·4–1·0)	0·9 (0·6–1·2)
Rheumatoid arthritis	33·5 (23·5–43·5)	–	–	–	–	0·3 (0·2–0·5)	0·2 (0·2–0·4)
Other musculoskeletal disorders	36·0 (25·0–42·8)	–	–	–	–	0·4 (0·2–0·6)	0·6 (0·4–0·9)
Other non-communicable diseases	793·9 (670·6–970·4)	194·7 (163·1–250·6)	88·2 (69·7–112·8)	208·4 (164·3–272·4)	95·4 (70·0–130·5)	20·9 (16·2–27·6)	12·3 (9·8–16·3)
Congenital anomalies	663·2 (551·7–843·4)	194·7 (163·1–250·6)	79·5 (65·1–106·6)	176·1 (138·9–237·7)	86·0 (62·4–121·3)	19·3 (14·9–25·9)	10·9 (8·5–14·9)
Neural tube defects	118·5 (70·5–173·3)	57·1 (33·9–84·5)	15·1 (8·5–23·4)	22·8 (12·4–38·1)	10·7 (4·7–19·3)	2·8 (1·2–5·4)	1·6 (0·6–3·5)
Congenital heart anomalies	278·9 (234·9–355·9)	70·0 (57·9–85·7)	33·3 (26·3–48·3)	71·2 (55·0–103·2)	39·5 (28·7–61·9)	9·2 (6·7–13·6)	5·6 (4·0–7·6)
Cleft lip and cleft palate	8·4 (3·3–16·6)	2·4 (1·1–4·5)	1·7 (0·6–3·6)	3·2 (1·2–7·5)	1·2 (0·4–3·2)	–	–
Down's syndrome	22·0 (9·8–37·5)	3·3 (1·4–5·9)	2·2 (0·8–4·1)	5·9 (2·2–11·1)	4·5 (1·3–9·2)	0·8 (0·3–1·7)	0·5 (0·2–1·0)
Other chromosomal abnormalities	34·6 (11·9–80·3)	11·5 (4·3–27·2)	6·1 (2·1–14·0)	10·8 (3·1–30·7)	2·9 (0·7–7·8)	0·7 (0·2–1·9)	0·4 (0·1–1·2)
Other congenital anomalies	200·8 (115·8–298·9)	50·5 (30·1–77·7)	21·1 (10·9–33·7)	62·2 (30·3–107·3)	27·3 (10·7–50·9)	5·8 (2·8–10·4)	2·8 (1·5–4·7)
Skin and subcutaneous diseases	100·6 (77·5–118·3)	–	–	11·0 (6·4–16·1)	9·4 (4·4–13·9)	1·7 (1·1–2·2)	1·4 (0·9–1·9)
Cellulitis	26·1 (19·9–30·8)	–	–	2·2 (1·3–3·3)	3·0 (1·4–4·4)	0·7 (0·5–0·9)	0·5 (0·4–0·7)
Abscess, impetigo, and other bacterial skin diseases	42·1 (31·2–51·0)	–	–	8·7 (5·2–12·8)	6·1 (2·9–9·0)	0·9 (0·6–1·1)	0·7 (0·5–1·0)
Decubitus ulcer	32·1 (26·0–38·5)	–	–	–	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·2 (0·1–0·2)
Other skin and subcutaneous diseases	0·3* (0·1–0·1)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	30·0 (15·4–56·7)	–	8·7 (3·2–21·3)	21·3 (11·9–40·1)	–	–	–
Injuries	4,091·7 (3,851·9–4,489·7)	20·9 (17·9–24·0)	21·1 (17·7–24·4)	147·3 (122·7–166·9)	417·4 (326·9–496·2)	157·5 (141·5–177·7)	125·5 (115·8–141·0)
Transport injuries	958·2 (770·4–1,175·0)	1·1 (0·7–1·6)	1·4 (0·8–2·0)	12·5 (8·8–16·3)	67·3 (47·6–92·9)	41·5 (33·3–49·8)	31·1 (25·0–36·8)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
Road injury	907·9 (764·1–1,123·4)	0·9 (0·6–1·3)	1·1 (0·7–1·6)	11·5 (8·0–15·6)	62·4 (43·4–87·8)	39·4 (32·4–48·5)	29·3 (24·7–35·9)
Pedestrian injury by road vehicle	284·1 (210·6–333·9)	0·2 (0·1–0·4)	0·2 (0·1–0·3)	2·4 (1·1–4·1)	26·3 (10·6–43·5)	15·8 (11·4–21·2)	10·2 (7·6–13·0)
Pedal cycle vehicle	54·9 (41·7–66·7)	–	–	–	2·6 (0·8–4·2)	3·0 (1·5–4·6)	3·0 (1·9–4·2)
Motorized vehicle with two wheels	131·7 (99·4–163·4)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	1·1 (0·5–1·7)	5·4 (2·4–8·2)	3·4 (1·9–5·1)	3·0 (2·0–4·1)
Motorized vehicle with three or more wheels	336·9 (268·8–420·5)	0·5 (0·2–0·9)	0·6 (0·2–1·1)	6·1 (2·4–10·7)	20·8 (8·2–32·0)	12·5 (7·6–17·1)	9·3 (6·5–12·2)
Road injury other	100·3 (49·0–182·3)	0·1 (0·0–0·3)	0·2 (0·1–0·5)	2·0 (0·7–4·4)	7·2 (2·0–16·3)	4·7 (1·9–9·0)	3·8 (1·6–6·7)
Other transport injury	50·2 (41·7–65·1)	0·2 (0·1–0·3)	0·3 (0·1–0·6)	1·0 (0·4–1·5)	4·9 (1·1–7·1)	2·1 (1·1–3·4)	1·8 (1·3–2·8)
Unintentional injuries other than transport injuries	2,030·1 (1,896·0–2,266·8)	15·1 (12·8–17·7)	17·2 (14·5–20·5)	125·6 (103·6–144·2)	333·6 (253·7–399·7)	108·8 (96·4–126·7)	74·5 (67·4–85·1)
Falls	348·6 (311·2–415·3)	1·0 (0·7–1·3)	1·0 (0·7–1·5)	10·0 (6·8–15·0)	28·8 (17·0–41·4)	9·3 (7·1–11·7)	6·8 (5·3–8·5)
Drowning	432·9 (353·3–516·1)	1·0 (0·7–1·6)	0·5 (0·4–0·8)	11·1 (7·5–14·4)	143·2 (94·2–182·6)	45·2 (35·4–53·3)	29·0 (24·2–35·0)
Fire, heat and hot substances	280·1 (233·6–330·1)	0·8 (0·6–1·1)	1·7 (1·2–2·1)	15·5 (10·3–20·4)	57·5 (35·3–80·1)	13·9 (10·4–18·0)	6·8 (5·3–8·6)
Poisonings	202·9 (157·3–326·8)	1·0 (0·7–1·7)	1·7 (0·9–3·3)	7·5 (4·7–12·6)	26·2 (14·2–44·8)	6·4 (4·4–10·8)	5·4 (3·8–8·8)
Exposure to mechanical forces	276·0 (199·6–417·1)	0·7 (0·4–1·4)	0·8 (0·5–1·6)	4·9 (2·7–8·5)	30·0 (14·9–58·6)	14·9 (8·6–28·2)	11·5 (7·2–18·3)
Mechanical forces (firearm)	127·5 (76·8–206·0)	0·5 (0·2–0·9)	0·2 (0·1–0·4)	2·2 (1·1–4·1)	11·9 (3·9–24·7)	7·3 (3·3–15·1)	6·7 (3·4–11·9)
Mechanical forces (other)	148·5 (103·0–197·4)	0·3 (0·2–0·5)	0·6 (0·3–1·1)	2·7 (1·0–4·7)	18·1 (6·4–36·3)	7·5 (3·5–14·9)	4·8 (2·6–8·8)
Adverse effects of medical treatment	42·0 (32·7–49·3)	1·0 (0·7–1·5)	1·2 (0·8–1·8)	4·1 (2·3–6·1)	4·2 (1·6–6·6)	0·8 (0·6–1·1)	0·6 (0·5–0·8)
Animal contact	75·0 (50·7–97·5)	1·3 (0·6–2·5)	1·4 (0·7–2·4)	5·2 (2·5–8·9)	10·7 (4·9–18·3)	6·6 (3·8–9·6)	4·7 (2·6–6·7)
Animal contact (venomous)	54·9 (30·1–89·3)	0·6 (0·2–1·6)	1·1 (0·5–2·2)	3·4 (1·5–6·0)	7·6 (3·5–15·4)	5·4 (2·4–9·0)	3·6 (1·8–5·9)
Animal contact (non-venomous)	20·1 (10·7–30·8)	0·7 (0·3–1·7)	0·3 (0·1–0·6)	1·8 (0·5–5·1)	3·1 (1·0–7·3)	1·2 (0·5–2·1)	1·0 (0·5–1·7)
Unintentional injuries not classified elsewhere	372·5 (311·9–403·8)	8·3 (6·3–10·5)	8·8 (6·9–11·3)	67·2 (52·5–83·5)	32·9 (27·1–40·2)	11·8 (9·5–14·3)	9·7 (7·8–11·6)
Self-harm and interpersonal violence	1,008·5 (838·8–1,201·9)	2·7 (1·5–3·6)	1·0 (0·5–1·7)	4·6 (3·2–5·8)	10·3 (6·6–14·1)	5·6 (4·4–6·9)	14·9 (12·2–20·1)
Self-harm	669·8 (519·5–853·4)	–	–	–	–	1·2 (0·9–1·9)	9·1 (6·9–13·6)
Interpersonal violence	338·7 (245·8–416·6)	2·7 (1·5–3·6)	1·0 (0·5–1·7)	4·6 (3·2–5·8)	10·3 (6·6–14·1)	4·4 (3·2–5·4)	5·8 (4·2–7·2)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
Assault by firearm	141·8 (107·4–175·7)	0·3 (0·2–0·5)	0·3 (0·1–1·3)	0·9 (0·4–1·3)	2·1 (0·8–3·6)	1·2 (0·7–1·7)	2·2 (1·5–3·0)
Assault by sharp object	83·1 (55·4–119·8)	0·2 (0·1–0·4)	0·1 (0·0–0·1)	0·4 (0·3–0·7)	1·1 (0·4–2·3)	0·5 (0·3–0·9)	0·9 (0·6–1·4)
Assault by other means	113·8 (85·2–129·3)	2·1 (1·4–3·3)	0·7 (0·4–1·2)	3·3 (2·1–4·8)	7·1 (3·5–10·7)	2·7 (1·9–3·5)	2·6 (2·0–3·3)
Forces of nature, war, and legal intervention	94·9 (65·0–162·3)	1·9 (1·4–2·5)	1·5 (1·1–1·9)	4·7 (3·7–5·9)	6·2 (4·8–8·2)	1·6 (1·3–2·0)	5·1 (3·1–9·9)
Exposure to forces of nature	31·4 (18·2–60·0)	0·6 (0·4–0·9)	0·4 (0·3–0·6)	1·7 (1·2–2·3)	1·3 (0·9–1·8)	0·5 (0·4–0·6)	1·5 (0·8–3·5)
Collective violence and legal intervention	63·5 (44·3–101·8)	1·3 (1·0–1·8)	1·0 (0·8–1·3)	3·0 (2·4–3·8)	4·9 (3·9–6·4)	1·1 (0·9–1·4)	3·5 (2·3–6·3)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
All causes	713·5 (680·6–753·2)	935·3 (892·9–989·5)	930·9 (889·2–976·4)	968·0 (926·7–1,014·8)	1,126·9 (1,069·8–1,196·6)	1,174·3 (1,117·9–1,233·3)	1,372·2 (1,305·8–1,444·9)
Communicable, maternal, neonatal, and nutritional disorders	241·2 (216·6–268·5)	324·5 (298·0–355·5)	343·2 (316·3–374·8)	342·2 (316·0–377·5)	362·5 (330·9–401·0)	308·9 (282·8–340·1)	310·9 (283·8–347·5)
HIV/AIDS and tuberculosis	32·4 (28·0–38·2)	74·2 (64·6–86·5)	110·9 (98·2–126·9)	124·5 (109·6–145·1)	139·8 (120·8–162·0)	123·0 (105·7–145·2)	129·8 (108·4–155·4)
Tuberculosis	27·6 (23·5–33·1)	53·5 (45·9–64·3)	71·7 (61·4–84·5)	80·7 (69·0–97·8)	97·1 (79·6–115·2)	90·1 (73·6–109·1)	103·5 (84·9–125·0)
HIV/AIDS	4·8 (3·7–6·2)	20·7 (16·1–26·8)	39·1 (31·4–49·9)	43·8 (35·7–54·4)	42·7 (33·6–54·1)	33·0 (24·5–44·0)	26·3 (19·1–36·1)
HIV disease resulting in mycobacterial infection	0·9 (0·7–1·2)	4·1 (3·1–5·4)	7·2 (5·6–9·5)	7·5 (5·9–9·8)	7·2 (5·4–9·6)	5·4 (3·7–7·6)	4·4 (3·0–6·3)
HIV disease resulting in other specified or unspecified diseases	3·9 (2·9–5·1)	16·6 (12·6–21·7)	31·9 (25·4–40·8)	36·2 (29·5–45·1)	35·5 (27·9–44·8)	27·5 (20·7–36·6)	21·9 (16·0–29·8)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	96·3 (79·9–114·0)	98·7 (83·7–113·9)	92·2 (79·8–105·8)	89·9 (78·2–102·8)	94·2 (82·6–108·4)	86·0 (75·6–99·3)	94·9 (83·8–109·6)
Diarrheal diseases	30·2 (23·7–38·4)	34·6 (28·4–42·9)	34·5 (28·6–42·6)	34·3 (28·4–41·5)	36·2 (30·0–44·5)	31·8 (25·9–39·5)	35·2 (28·7–44·6)
Cholera	1·2 (0·8–1·7)	1·4 (1·0–2·0)	1·3 (1·0–1·9)	1·3 (1·0–1·8)	1·4 (1·0–2·0)	1·2 (0·8–1·7)	1·1 (0·8–1·6)
Other salmonella infections	3·5 (2·4–5·0)	3·8 (2·7–5·2)	3·5 (2·5–4·8)	3·2 (2·3–4·3)	3·1 (2·2–4·2)	2·5 (1·7–3·6)	2·6 (1·8–3·7)
Shigellosis	3·9 (2·8–5·5)	4·2 (3·1–5·7)	3·9 (2·9–5·2)	3·6 (2·7–4·7)	3·4 (2·5–4·6)	2·8 (2·0–3·8)	3·2 (2·3–4·3)
Enteropathogenic E coli infection	0·6 (0·4–0·9)	0·6 (0·5–0·9)	0·5 (0·4–0·8)	0·4 (0·3–0·6)	0·3 (0·2–0·5)	0·3 (0·2–0·4)	0·3 (0·2–0·5)
Enterotoxigenic E coli infection	2·7 (1·9–3·7)	3·3 (2·5–4·6)	3·6 (2·7–4·8)	3·9 (2·9–5·2)	4·4 (3·2–6·0)	4·1 (3·0–5·6)	4·4 (3·2–5·9)
Campylobacter enteritis	1·8 (1·2–2·6)	1·9 (1·4–2·8)	1·9 (1·3–2·7)	1·8 (1·3–2·5)	1·8 (1·2–2·6)	1·6 (1·1–2·3)	1·8 (1·2–2·5)
Amoebiasis	1·0 (0·7–1·4)	1·3 (0·9–1·8)	1·5 (1·1–2·2)	1·7 (1·2–2·3)	2·0 (1·4–2·8)	1·9 (1·3–2·7)	2·2 (1·5–3·0)
Cryptosporidiosis	0·7 (0·5–1·1)	0·8 (0·6–1·2)	0·8 (0·6–1·1)	0·8 (0·5–1·1)	0·8 (0·5–1·1)	0·7 (0·4–0·9)	0·7 (0·5–1·0)
Rotaviral enteritis	3·2 (2·2–4·5)	3·4 (2·4–4·7)	3·2 (2·3–4·4)	2·9 (2·1–3·9)	2·8 (1·9–3·9)	2·4 (1·6–3·3)	2·8 (2·0–3·9)
Other diarrheal diseases	11·6 (7·8–17·0)	13·8 (9·7–19·3)	14·1 (9·9–19·9)	14·6 (10·4–20·2)	16·0 (11·1–22·5)	14·4 (10·3–20·4)	16·1 (11·6–22·3)
Typhoid and paratyphoid fevers	13·8 (1·7–25·9)	12·0 (1·4–22·3)	9·5 (1·1–17·9)	7·5 (0·9–14·1)	5·9 (0·7–11·1)	4·1 (0·5–7·9)	3·2 (0·4–6·1)
Lower respiratory infections	26·8 (21·6–30·2)	30·0 (24·6–34·0)	30·3 (24·5–34·6)	32·1 (26·2–36·8)	36·4 (30·9–41·7)	36·3 (29·4–42·1)	42·3 (35·2–49·2)
Influenza	5·5 (4·4–6·3)	6·4 (5·3–7·4)	6·8 (5·5–7·8)	7·5 (6·1–8·5)	8·9 (7·5–10·2)	9·0 (7·3–10·4)	10·1 (8·5–11·9)
Pneumococcal pneumonia	5·5 (4·5–6·3)	6·9 (5·7–7·8)	7·7 (6·2–8·9)	8·8 (7·2–10·2)	10·9 (9·2–12·4)	11·4 (9·2–13·1)	13·2 (11·1–15·2)
H influenzae type B pneumonia	5·1 (4·1–5·9)	5·5 (4·5–6·4)	5·4 (4·4–6·2)	5·6 (4·5–6·4)	6·3 (5·4–7·3)	6·0 (4·9–7·1)	6·5 (5·4–7·7)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Both Sexes, 15-19 Years	Both Sexes, 20-24 Years	Both Sexes, 25-29 Years	Both Sexes, 30-34 Years	Both Sexes, 35-39 Years	Both Sexes, 40-44 Years	Both Sexes, 45-49 Years
Respiratory syncytial virus pneumonia	0·3 (0·2–0·3)	0·3 (0·2–0·3)	0·3 (0·2–0·3)	0·3 (0·3–0·4)	0·4 (0·3–0·4)	0·4 (0·3–0·4)	0·4 (0·4–0·5)
Other lower respiratory infections	10·4 (8·2–11·9)	10·8 (8·7–12·4)	10·1 (8·0–11·6)	9·8 (7·9–11·4)	10·0 (8·3–11·6)	9·6 (7·6–11·3)	12·1 (9·9–14·1)
Upper respiratory infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Otitis media	0·1 (0·0–1·4)	0·1 (0·0–0·9)	0·1 (0·0–0·8)	0·1 (0·0–1·0)	0·1 (0·0–0·9)	0·1 (0·0–0·9)	0·1 (0·0–1·1)
Meningitis	12·0 (9·9–14·6)	11·9 (9·5–14·7)	10·2 (8·3–12·7)	9·2 (7·5–11·7)	9·2 (7·4–11·8)	8·0 (6·5–10·0)	8·0 (6·5–10·2)
Pneumococcal meningitis	4·1 (3·4–5·1)	4·3 (3·4–5·4)	3·8 (3·0–4·8)	3·3 (2·7–4·4)	3·3 (2·6–4·4)	2·7 (2·2–3·6)	2·7 (2·1–3·5)
H influenzae type B meningitis	1·8 (1·5–2·3)	1·0 (0·7–1·2)	0·4 (0·3–0·5)	0·4 (0·3–0·5)	0·4 (0·3–0·6)	0·4 (0·3–0·6)	0·5 (0·4–0·6)
Meningococcal infection	2·7 (2·3–3·2)	2·6 (2·1–3·2)	2·3 (1·8–2·8)	2·0 (1·6–2·4)	1·9 (1·6–2·4)	1·6 (1·3–2·0)	1·6 (1·3–1·9)
Other meningitis	3·4 (2·9–4·1)	4·0 (3·2–5·0)	3·7 (3·0–4·6)	3·5 (2·8–4·3)	3·6 (2·9–4·6)	3·2 (2·6–4·1)	3·3 (2·7–4·1)
Encephalitis	3·8 (2·6–5·6)	4·2 (2·7–6·3)	3·5 (2·3–5·4)	3·2 (2·1–4·8)	3·0 (1·8–4·7)	2·6 (1·7–4·0)	2·7 (1·6–4·1)
Diphtheria	0·1 (0·0–0·5)	<0·05 (0·0–0·3)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)
Whooping cough	0·2 (0·0–1·0)	0·2 (0·0–0·8)	0·2 (0·0–0·8)	0·1 (0·0–0·7)	0·1 (0·0–0·7)	0·1 (0·0–0·7)	0·2 (0·0–0·8)
Tetanus	2·1 (0·0–8·7)	2·0 (0·0–8·3)	1·9 (0·0–7·9)	2·1 (0·0–8·9)	2·3 (0·0–9·7)	2·3 (0·0–9·3)	2·7 (0·0–11·4)
Measles	7·0 (2·0–17·8)	3·6 (1·0–9·2)	1·8 (0·5–4·5)	1·0 (0·3–2·6)	0·6 (0·2–1·6)	0·4 (0·1–1·1)	0·3 (0·1–0·7)
Varicella	0·2 (0·0–1·3)	0·2 (0·0–1·4)	0·2 (0·0–1·6)	0·3 (0·0–2·1)	0·3 (0·0–1·7)	0·2 (0·0–1·1)	0·2 (0·0–1·1)
Neglected tropical diseases and malaria	40·7 (30·8–55·2)	42·9 (33·1–57·0)	38·0 (28·1–51·6)	33·9 (24·6–50·2)	33·7 (24·8–47·9)	31·5 (23·7–44·9)	31·4 (23·5–46·6)
Malaria	27·1 (18·7–40·4)	29·2 (20·2–42·3)	25·6 (17·4–39·5)	22·5 (14·4–38·5)	22·4 (14·9–37·3)	21·4 (14·4–34·9)	21·9 (14·9–36·5)
Chagas disease	<0·05 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·1–0·4)	0·3 (0·1–0·7)	0·4 (0·2–0·9)	0·6 (0·2–1·3)	0·7 (0·3–1·7)
Leishmaniasis	5·9 (3·2–10·1)	5·1 (2·9–8·2)	4·1 (2·3–6·5)	3·6 (2·0–5·8)	3·5 (2·0–5·8)	3·0 (1·7–4·8)	2·7 (1·5–4·3)
African trypanosomiasis	3·7 (1·2–7·9)	4·2 (1·3–9·4)	4·1 (1·3–9·2)	3·8 (1·2–8·7)	3·1 (0·9–6·9)	2·4 (0·7–5·3)	1·8 (0·5–3·8)
Schistosomiasis	0·2 (0·0–1·1)	0·3 (0·0–1·5)	0·3 (0·0–1·7)	0·3 (0·0–1·9)	0·5 (0·0–3·0)	0·6 (0·0–3·5)	0·7 (0·0–4·4)
Cysticercosis	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Echinococcosis	<0·05 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·4)	0·1 (0·0–0·4)	0·1 (0·0–0·4)
Dengue	0·5 (0·2–0·9)	0·4 (0·1–0·9)	0·4 (0·1–1·0)	0·4 (0·1–1·0)	0·4 (0·1–1·0)	0·3 (0·1–0·7)	0·3 (0·1–0·8)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Both Sexes, 15-19 Years	Both Sexes, 20-24 Years	Both Sexes, 25-29 Years	Both Sexes, 30-34 Years	Both Sexes, 35-39 Years	Both Sexes, 40-44 Years	Both Sexes, 45-49 Years
Rabies	2·4 (1·3–5·0)	2·5 (1·3–4·7)	2·2 (1·3–4·4)	2·0 (1·1–4·4)	2·1 (1·1–4·2)	2·1 (1·2–4·5)	2·1 (1·1–4·0)
Intestinal nematode infections	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Ascariasis	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Other neglected tropical diseases	0·7 (0·4–1·1)	0·9 (0·5–1·5)	0·9 (0·5–1·5)	0·8 (0·5–1·4)	1·0 (0·6–1·5)	0·9 (0·5–1·5)	1·0 (0·5–1·7)
Maternal disorders	41·6 (29·2–57·7)	74·4 (58·4–93·4)	70·6 (56·2–88·3)	61·9 (49·6–79·5)	59·2 (45·9–76·5)	33·5 (25·3–43·1)	17·5 (11·7–23·4)
Maternal hemorrhage	6·8 (4·9–9·1)	14·2 (11·4–17·5)	16·0 (12·8–20·0)	16·1 (13·0–20·6)	16·3 (12·7–21·0)	9·8 (7·4–12·4)	5·5 (3·6–7·2)
Maternal sepsis	5·1 (3·4–7·4)	8·6 (6·5–11·1)	7·0 (5·3–9·1)	5·2 (3·9–7·0)	4·6 (3·3–6·3)	2·3 (1·7–3·1)	0·9 (0·6–1·3)
Hypertensive disorders of pregnancy	12·0 (8·1–17·1)	16·0 (12·3–20·5)	13·7 (10·6–17·4)	10·7 (8·3–13·9)	9·8 (7·3–12·9)	5·1 (3·8–6·9)	2·4 (1·6–3·3)
Obstructed labor	1·8 (1·1–2·8)	4·8 (3·3–6·5)	4·0 (2·7–5·4)	3·0 (2·1–4·2)	3·1 (2·0–4·5)	1·7 (1·1–2·6)	0·7 (0·4–1·2)
Abortion	6·8 (4·5–9·9)	12·6 (9·5–16·4)	11·4 (8·7–14·7)	9·7 (7·3–12·9)	8·9 (6·4–12·0)	4·5 (3·3–6·3)	2·0 (1·3–2·8)
Other maternal disorders	9·0 (6·8–11·4)	18·1 (14·8–21·9)	18·5 (15·1–22·8)	17·0 (13·9–21·2)	16·5 (13·1–20·5)	10·1 (7·6–12·2)	5·9 (3·9–7·6)
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	15·9 (11·2–24·4)	17·3 (12·4–26·0)	15·3 (11·3–21·7)	15·1 (11·2–21·1)	16·9 (12·5–23·9)	16·3 (12·2–23·3)	17·1 (12·7–24·0)
Protein-energy malnutrition	13·0 (8·5–21·2)	14·0 (9·5–22·0)	12·4 (8·8–18·7)	12·4 (8·8–18·2)	14·1 (10·0–20·1)	13·8 (9·5–20·5)	14·5 (10·3–20·8)
Iodine deficiency	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Iron-deficiency anemia	2·7 (2·1–3·4)	2·9 (2·3–3·7)	2·6 (2·1–3·4)	2·4 (1·9–3·1)	2·5 (1·9–3·1)	2·2 (1·7–2·7)	2·3 (1·7–2·8)
Other nutritional deficiencies	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·2–0·3)	0·3 (0·2–0·3)	0·3 (0·3–0·4)
Other communicable, maternal, neonatal, and nutritional disorders	14·3 (12·0–16·8)	17·1 (14·4–19·8)	16·3 (13·6–18·9)	17·0 (13·9–19·8)	18·7 (15·4–22·1)	18·5 (15·9–21·1)	20·2 (17·1–23·6)
Sexually transmitted diseases excluding HIV	0·8 (0·5–1·1)	0·9 (0·6–1·4)	1·0 (0·6–1·4)	1·1 (0·7–1·5)	1·3 (0·7–2·0)	1·0 (0·6–1·6)	1·0 (0·6–1·5)
Syphilis	0·3 (0·2–0·6)	0·4 (0·2–0·7)	0·4 (0·2–0·7)	0·5 (0·3–0·9)	0·6 (0·3–1·0)	0·6 (0·3–1·1)	0·5 (0·2–0·9)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
Sexually transmitted chlamydial diseases	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Gonococcal infection	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other sexually transmitted diseases	0·3 (0·1–0·4)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·4 (0·2–0·7)	0·3 (0·1–0·4)	0·3 (0·1–0·4)
Hepatitis	8·2 (6·8–10·0)	10·3 (8·7–12·5)	9·5 (8·0–11·3)	9·7 (8·2–11·7)	11·0 (9·2–13·0)	11·7 (9·9–13·9)	12·9 (10·4–15·5)
Acute hepatitis A	2·0 (0·8–4·1)	2·7 (1·1–5·5)	2·8 (1·2–5·8)	3·5 (1·4–7·0)	4·3 (1·9–8·4)	5·2 (2·4–9·9)	5·8 (2·4–11·6)
Acute hepatitis B	1·0 (0·5–1·5)	1·7 (0·9–2·5)	2·1 (1·1–3·2)	2·8 (1·6–4·1)	4·0 (2·5–5·9)	5·0 (3·1–7·0)	6·2 (3·7–8·9)
Acute hepatitis C	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·5 (0·2–0·8)	0·6 (0·3–1·0)	0·7 (0·4–1·1)
Acute hepatitis E	5·1 (2·9–8·5)	5·8 (3·3–9·4)	4·4 (2·4–7·3)	3·1 (1·6–5·2)	2·2 (1·1–3·7)	1·0 (0·4–1·9)	0·2 (0·1–0·5)
Other infectious diseases	5·4 (3·4–7·0)	5·8 (3·8–7·7)	5·8 (3·6–7·7)	6·2 (3·9–7·9)	6·5 (4·1–8·8)	5·7 (3·8–7·6)	6·3 (4·2–8·6)
Non-communicable diseases	169·7 (156·1–181·7)	217·9 (202·8–231·1)	247·9 (230·6–261·5)	328·6 (307·2–345·4)	484·4 (454·7–508·7)	637·8 (603·8–669·9)	864·4 (815·9–904·4)
Neoplasms	39·8 (33·9–44·8)	47·3 (40·5–52·3)	58·2 (49·8–64·5)	90·0 (77·8–97·8)	146·7 (130·4–159·3)	205·4 (183·8–222·4)	287·7 (259·4–309·0)
Esophageal cancer	0·2 (0·1–0·4)	0·6 (0·4–0·9)	1·0 (0·6–1·5)	1·8 (1·1–2·7)	4·5 (2·7–6·2)	9·6 (6·4–14·1)	16·9 (11·8–23·1)
Stomach cancer	1·3 (0·6–2·4)	3·2 (1·9–4·7)	5·9 (4·0–7·6)	11·5 (8·1–15·0)	19·0 (13·4–26·2)	25·7 (19·2–34·2)	35·7 (26·9–48·1)
Liver cancer	2·1 (1·4–3·5)	3·9 (2·3–5·7)	6·5 (4·1–9·1)	11·8 (7·5–15·4)	21·6 (14·5–27·7)	27·2 (18·6–33·7)	35·4 (25·4–42·1)
Liver cancer secondary to hepatitis B	0·9 (0·6–1·5)	1·8 (1·0–2·6)	3·1 (1·8–4·2)	5·7 (3·4–7·5)	10·6 (6·9–13·5)	13·4 (8·8–17·2)	17·5 (11·9–21·1)
Liver cancer secondary to hepatitis C	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·5 (0·3–0·7)	1·3 (0·9–1·7)	2·9 (2·0–3·5)	5·3 (4·0–6·2)
Liver cancer secondary to alcohol use	0·1 (0·1–0·2)	0·5 (0·3–0·8)	1·3 (0·8–1·8)	2·8 (1·8–3·7)	5·3 (3·6–6·8)	6·2 (4·3–7·8)	7·5 (5·4–9·1)
Other liver cancer	1·0 (0·7–1·7)	1·4 (0·9–2·1)	1·9 (1·2–2·7)	2·9 (1·9–3·8)	4·5 (3·1–5·8)	4·7 (3·4–6·0)	5·1 (3·8–6·1)
Larynx cancer	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·4 (0·2–0·8)	1·0 (0·4–1·7)	2·5 (1·2–4·1)	4·6 (2·3–7·9)
Trachea, bronchus and lung cancers	0·9 (0·6–1·2)	1·8 (1·2–2·4)	3·0 (2·1–4·0)	6·1 (4·5–8·0)	12·9 (9·3–17·1)	24·3 (18·1–31·3)	41·2 (30·7–52·3)
Breast cancer	0·2 (0·2–0·2)	0·6 (0·5–0·7)	2·1 (1·9–2·3)	6·7 (6·2–7·2)	14·2 (13·4–15·0)	20·7 (19·8–21·7)	25·3 (24·2–26·6)
Cervical cancer	0·2 (0·1–0·4)	0·7 (0·4–1·1)	2·1 (1·3–3·1)	4·8 (3·0–6·9)	9·2 (5·8–13·7)	13·2 (8·4–19·0)	18·4 (11·1–26·6)
Uterine cancer	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·2 (0·1–0·4)	0·3 (0·2–0·5)	0·6 (0·3–1·1)	1·1 (0·5–1·7)	1·5 (0·8–2·6)
Prostate cancer	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·4)	0·5 (0·3–0·8)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Both Sexes, 15-19 Years	Both Sexes, 20-24 Years	Both Sexes, 25-29 Years	Both Sexes, 30-34 Years	Both Sexes, 35-39 Years	Both Sexes, 40-44 Years	Both Sexes, 45-49 Years
Colon and rectum cancers	0·9 (0·6–1·1)	2·2 (1·5–2·7)	3·9 (2·7–4·5)	6·2 (4·5–7·1)	9·3 (6·9–10·5)	12·3 (9·8–13·7)	17·5 (13·9–19·4)
Mouth cancer	0·3 (0·2–0·5)	0·5 (0·3–0·7)	0·8 (0·5–1·1)	1·2 (0·9–1·6)	2·4 (1·7–2·9)	3·8 (2·9–4·5)	6·0 (4·9–7·0)
Nasopharynx cancer	0·7 (0·4–1·1)	0·9 (0·5–1·4)	1·0 (0·6–1·4)	1·5 (0·8–2·2)	2·8 (1·6–4·1)	3·7 (2·2–5·4)	4·7 (2·8–7·0)
Cancer of other part of pharynx and oropharynx	0·4 (0·2–0·9)	0·6 (0·2–1·2)	0·9 (0·3–2·1)	1·4 (0·6–3·1)	2·0 (1·0–3·4)	3·3 (1·8–5·0)	5·1 (2·8–7·0)
Gallbladder and biliary tract cancer	0·3 (0·1–0·9)	0·5 (0·1–1·2)	0·6 (0·2–2·3)	0·8 (0·3–2·2)	1·3 (0·7–2·4)	2·0 (1·3–3·5)	3·1 (2·0–4·7)
Pancreatic cancer	0·3 (0·1–0·7)	0·4 (0·2–0·8)	0·6 (0·3–1·0)	1·2 (0·7–1·8)	2·3 (1·5–3·1)	4·1 (2·9–5·3)	6·9 (5·0–9·0)
Malignant melanoma of skin	0·2 (0·1–0·3)	0·4 (0·2–0·5)	0·6 (0·3–0·8)	1·0 (0·6–1·4)	1·4 (0·8–1·9)	1·8 (1·0–2·5)	2·0 (1·2–2·7)
Non-melanoma skin cancer	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·4)	0·3 (0·2–0·5)	0·4 (0·2–0·6)	0·5 (0·3–0·8)	0·7 (0·4–1·1)
Ovarian cancer	0·8 (0·5–1·2)	1·0 (0·6–1·5)	1·2 (0·8–1·6)	1·7 (1·1–2·3)	3·1 (2·0–4·1)	5·0 (3·2–6·3)	7·9 (5·4–9·7)
Testicular cancer	0·3 (0·2–0·5)	0·7 (0·4–1·0)	0·8 (0·5–1·2)	0·8 (0·4–1·1)	0·6 (0·4–0·9)	0·4 (0·3–0·6)	0·4 (0·2–0·5)
Kidney and other urinary organ cancers	0·4 (0·2–1·1)	0·5 (0·2–0·9)	0·4 (0·2–0·8)	0·5 (0·3–0·9)	1·1 (0·7–1·6)	1·9 (1·3–2·7)	3·3 (2·2–4·4)
Bladder cancer	0·2 (0·1–0·2)	0·3 (0·2–0·3)	0·3 (0·2–0·4)	0·6 (0·4–0·8)	1·0 (0·8–1·2)	1·7 (1·2–2·0)	2·7 (2·0–3·1)
Brain and nervous system cancers	2·7 (1·7–3·9)	3·0 (1·8–4·1)	3·5 (2·2–4·8)	4·8 (3·1–6·5)	6·6 (4·3–9·0)	7·3 (4·7–10·0)	8·6 (5·8–12·4)
Thyroid cancer	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·2–0·3)	0·3 (0·2–0·4)	0·5 (0·3–0·6)	0·6 (0·4–0·8)	0·9 (0·7–1·2)
Hodgkin's disease	0·6 (0·4–1·0)	1·0 (0·6–1·4)	1·2 (0·7–1·7)	1·2 (0·7–1·8)	1·1 (0·7–1·6)	1·0 (0·6–1·5)	1·1 (0·6–1·5)
Non-Hodgkin's lymphoma	3·8 (2·6–5·1)	3·9 (2·7–5·0)	3·5 (2·5–4·4)	3·8 (2·8–4·7)	4·1 (3·2–4·9)	5·0 (3·8–5·9)	6·3 (4·9–7·4)
Multiple myeloma	0·3 (0·1–0·8)	0·3 (0·1–0·6)	0·2 (0·1–0·5)	0·3 (0·1–0·4)	0·5 (0·3–0·9)	0·8 (0·5–1·3)	1·3 (0·9–1·9)
Leukemia	12·6 (9·9–16·1)	11·0 (8·3–14·2)	9·1 (6·9–11·2)	8·7 (6·6–11·1)	9·4 (7·1–12·0)	9·0 (6·5–11·3)	8·8 (6·6–11·0)
Other neoplasms	9·1 (6·3–12·2)	8·7 (6·0–11·2)	8·2 (5·6–10·7)	9·9 (6·6–13·0)	13·6 (9·2–18·1)	16·4 (11·3–21·8)	20·7 (14·7–26·6)
Cardiovascular and circulatory diseases	39·9 (34·8–44·2)	60·0 (53·7–66·0)	70·4 (63·3–77·2)	98·9 (88·4–107·3)	148·4 (134·8–163·7)	212·8 (194·1–235·3)	297·6 (271·9–323·4)
Rheumatic heart disease	8·7 (7·1–10·4)	11·4 (9·6–13·6)	13·0 (11·0–15·6)	15·1 (12·8–18·2)	20·7 (17·7–24·7)	23·1 (19·6–27·3)	26·5 (22·9–31·0)
Ischemic heart disease	11·5 (9·6–12·9)	20·2 (17·5–22·6)	23·7 (20·8–26·0)	39·0 (34·7–42·7)	59·8 (54·6–67·6)	92·2 (85·1–103·7)	128·4 (117·8–143·8)
Cerebrovascular disease	9·7 (8·3–11·5)	15·3 (13·1–18·0)	18·1 (15·8–21·2)	25·9 (22·7–30·5)	41·1 (37·1–49·3)	63·3 (57·4–76·2)	98·4 (88·5–116·5)
Ischemic stroke	1·3 (1·1–1·6)	2·2 (1·7–2·7)	2·6 (2·1–3·1)	3·7 (3·1–4·5)	5·0 (4·3–6·3)	8·5 (7·2–10·9)	15·0 (12·7–19·9)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Both Sexes, 15-19 Years	Both Sexes, 20-24 Years	Both Sexes, 25-29 Years	Both Sexes, 30-34 Years	Both Sexes, 35-39 Years	Both Sexes, 40-44 Years	Both Sexes, 45-49 Years
Hemorrhagic and other non-ischemic stroke	8·4 (6·4–10·4)	13·1 (10·4–16·2)	15·5 (12·3–19·0)	22·2 (18·1–26·6)	36·1 (29·5–44·3)	54·8 (45·8–66·4)	83·4 (69·8–101·6)
Hypertensive heart disease	1·2 (0·9–1·6)	2·0 (1·5–2·5)	2·5 (2·0–3·1)	3·6 (2·8–4·6)	6·1 (4·7–7·9)	9·5 (7·5–12·0)	14·6 (11·9–18·8)
Cardiomyopathy and myocarditis	4·1 (2·8–5·8)	4·8 (3·6–6·7)	5·6 (4·3–7·2)	6·8 (5·4–8·3)	9·2 (7·5–11·0)	11·9 (9·4–14·3)	13·7 (11·3–15·8)
Atrial fibrillation and flutter	–	–	–	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·5)
Aortic aneurysm	0·4 (0·2–0·7)	0·5 (0·3–0·9)	0·6 (0·4–0·9)	0·9 (0·5–1·4)	1·4 (0·8–2·3)	1·9 (1·2–3·2)	2·7 (1·6–4·6)
Peripheral vascular disease	–	–	–	–	–	0·1 (0·1–0·2)	0·2 (0·1–0·4)
Endocarditis	0·8 (0·6–1·1)	1·2 (0·8–1·7)	1·6 (0·9–2·8)	1·4 (0·9–2·1)	1·8 (1·1–2·8)	1·7 (1·0–2·5)	1·4 (1·0–1·9)
Other cardiovascular and circulatory diseases	3·6 (3·0–4·2)	4·5 (3·8–5·3)	5·3 (4·5–6·0)	6·1 (5·4–6·9)	8·2 (7·1–9·3)	9·0 (8·1–9·9)	11·3 (10·2–12·5)
Chronic respiratory diseases	12·5 (11·6–13·6)	16·6 (15·3–17·9)	20·1 (18·8–21·6)	23·7 (22·2–25·3)	39·3 (36·2–42·5)	50·1 (46·5–54·0)	78·7 (71·8–85·7)
Chronic obstructive pulmonary disease	4·6 (3·5–5·9)	6·8 (5·4–8·3)	8·5 (6·5–10·5)	11·2 (8·9–13·3)	21·1 (17·1–25·0)	29·9 (25·3–35·3)	50·4 (42·6–59·5)
Pneumoconiosis	0·4 (0·2–0·9)	0·6 (0·2–1·3)	0·8 (0·3–1·5)	1·1 (0·5–2·3)	1·9 (0·8–3·9)	2·4 (1·0–4·7)	3·7 (1·5–7·5)
Asthma	4·3 (2·8–6·9)	5·2 (3·3–8·1)	6·1 (4·0–10·4)	6·4 (4·3–10·3)	9·5 (6·2–16·1)	10·6 (6·8–17·5)	15·5 (9·9–27·4)
Other interstitial lung disease	0·3 (0·2–0·5)	0·4 (0·2–0·6)	0·5 (0·3–0·8)	0·6 (0·4–1·0)	1·1 (0·6–1·6)	1·3 (0·8–1·9)	1·9 (1·2–2·9)
Other chronic respiratory diseases	2·8 (1·9–4·3)	3·6 (2·3–5·8)	4·2 (2·8–6·7)	4·3 (2·9–6·7)	5·8 (3·9–9·0)	6·0 (4·0–8·9)	7·3 (4·9–11·4)
Cirrhosis of the liver	4·6 (3·5–5·5)	8·4 (6·1–10·3)	12·8 (10·1–14·9)	23·8 (18·7–27·8)	38·6 (30·8–46·1)	51·6 (41·9–59·1)	62·9 (51·7–74·9)
Cirrhosis of the liver secondary to hepatitis B	1·2 (0·9–1·5)	2·3 (1·6–2·9)	3·3 (2·5–4·0)	5·8 (4·4–6·9)	9·8 (7·7–11·9)	14·2 (11·1–16·6)	18·8 (15·1–22·6)
Cirrhosis of the liver secondary to hepatitis C	0·7 (0·5–0·8)	1·2 (0·9–1·5)	1·9 (1·5–2·2)	3·4 (2·7–3·9)	6·1 (5·0–7·2)	9·8 (8·1–11·2)	13·8 (11·6–16·5)
Cirrhosis of the liver secondary to alcohol use	0·3 (0·2–0·4)	1·6 (1·1–1·9)	3·5 (2·6–4·2)	8·1 (6·0–9·6)	13·8 (10·6–17·0)	17·4 (13·7–20·6)	19·9 (15·8–25·2)
Other cirrhosis of the liver	2·4 (1·8–2·8)	3·4 (2·5–4·0)	4·2 (3·3–4·9)	6·4 (5·2–7·5)	9·0 (7·3–10·5)	10·2 (8·4–11·9)	10·4 (8·6–12·5)
Digestive diseases (except cirrhosis)	15·4 (13·0–17·9)	20·5 (17·0–23·5)	21·6 (18·4–24·6)	26·3 (22·5–29·9)	32·6 (27·8–37·3)	35·9 (30·5–41·3)	42·4 (36·2–49·0)
Peptic ulcer disease	6·1 (4·8–7·4)	8·0 (6·3–9·3)	8·7 (6·6–10·3)	10·3 (8·0–12·0)	12·8 (9·8–14·9)	14·3 (11·6–16·7)	17·3 (13·5–20·2)
Gastritis and duodenitis	0·2 (0·1–0·3)	0·4 (0·2–0·8)	0·4 (0·2–0·6)	0·4 (0·3–0·7)	0·5 (0·3–0·8)	0·6 (0·4–0·8)	0·6 (0·4–0·9)
Appendicitis	1·3 (0·8–1·9)	1·3 (0·8–1·9)	1·2 (0·8–1·9)	1·3 (0·8–2·0)	1·4 (0·9–2·1)	1·4 (0·9–2·1)	1·5 (0·9–2·3)
Paralytic ileus and intestinal obstruction without hernia	1·9 (1·1–2·6)	2·4 (1·4–3·3)	2·4 (1·3–3·3)	2·8 (1·7–4·0)	3·6 (2·0–5·1)	3·8 (2·2–5·4)	4·3 (2·5–5·9)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Both Sexes, 15-19 Years	Both Sexes, 20-24 Years	Both Sexes, 25-29 Years	Both Sexes, 30-34 Years	Both Sexes, 35-39 Years	Both Sexes, 40-44 Years	Both Sexes, 45-49 Years
Inguinal or femoral hernia	0·2 (0·2–0·2)	0·2 (0·2–0·2)	0·3 (0·2–0·3)	0·3 (0·3–0·3)	0·4 (0·4–0·4)	0·5 (0·4–0·5)	0·6 (0·6–0·6)
Noninfective inflammatory bowel disease	0·5 (0·2–0·9)	0·8 (0·4–1·1)	0·8 (0·5–1·1)	0·8 (0·5–1·1)	0·8 (0·6–1·1)	0·8 (0·6–1·0)	0·9 (0·6–1·1)
Vascular disorders of intestine	0·1 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·6)	0·3 (0·1–0·7)	0·4 (0·2–0·9)	0·6 (0·2–1·4)	0·8 (0·4–2·1)
Gall bladder and bile duct disease	0·8 (0·5–1·4)	1·1 (0·8–1·8)	1·2 (0·8–1·9)	1·6 (1·1–2·5)	1·9 (1·3–2·9)	2·1 (1·5–3·1)	2·4 (1·8–3·3)
Pancreatitis	0·6 (0·4–0·8)	1·1 (0·7–1·5)	1·7 (1·1–2·3)	2·5 (1·7–3·3)	3·2 (2·2–4·2)	3·3 (2·4–4·5)	3·3 (2·3–4·4)
Other digestive diseases	3·6 (2·4–5·3)	5·0 (3·4–7·0)	4·8 (3·4–6·6)	5·9 (4·1–8·0)	7·6 (5·3–10·2)	8·7 (6·1–11·9)	10·8 (7·7–14·6)
Neurological disorders	18·3 (12·9–23·4)	19·8 (14·6–25·5)	17·4 (13·0–21·8)	17·5 (12·8–22·4)	19·2 (14·4–24·7)	19·1 (14·3–23·9)	20·9 (15·1–27·7)
Alzheimer's disease and other dementias	0·8 (0·5–1·1)	0·7 (0·4–1·2)	0·5 (0·3–0·8)	0·6 (0·4–0·9)	1·0 (0·5–1·7)	1·1 (0·6–1·8)	1·2 (0·8–1·9)
Parkinson's disease	–	0·3 (0·1–0·5)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·1–0·4)	0·4 (0·2–0·6)	0·4 (0·2–0·5)
Epilepsy	8·8 (6·1–10·9)	10·3 (7·2–12·9)	9·4 (6·5–11·6)	8·4 (5·8–10·2)	8·2 (5·8–9·9)	6·8 (4·8–8·2)	5·8 (3·9–7·3)
Multiple sclerosis	–	0·2 (0·1–0·4)	0·5 (0·3–0·9)	0·8 (0·5–1·2)	1·3 (0·9–1·9)	1·4 (0·9–2·0)	1·6 (1·1–2·2)
Other neurological disorders	8·7 (5·1–13·7)	8·2 (4·7–13·5)	6·8 (4·2–10·9)	7·5 (4·4–12·0)	8·5 (5·2–13·7)	9·4 (5·7–14·7)	11·9 (7·2–18·7)
Mental and behavioral disorders	2·2 (1·2–3·4)	4·7 (2·8–7·6)	8·4 (5·5–12·2)	10·2 (6·5–14·3)	13·2 (8·2–18·8)	13·5 (8·4–19·1)	12·3 (7·6–17·8)
Schizophrenia	–	–	1·6 (0·8–2·8)	1·6 (0·9–2·7)	2·5 (1·3–4·3)	2·3 (1·2–3·7)	1·5 (0·9–2·3)
Alcohol use disorders	0·4 (0·2–0·7)	1·1 (0·5–1·8)	2·3 (1·0–3·7)	4·5 (2·0–7·1)	7·2 (3·4–11·5)	8·7 (4·1–13·2)	8·9 (4·5–13·8)
Drug use disorders	1·2 (0·6–2·4)	2·8 (1·4–5·6)	3·8 (1·9–7·4)	3·4 (1·9–7·6)	2·8 (1·4–6·4)	2·0 (1·1–4·7)	1·3 (0·7–2·7)
Opioid use disorders	0·4 (0·2–0·8)	1·1 (0·5–2·0)	1·4 (0·7–2·6)	1·2 (0·6–2·4)	0·8 (0·4–1·9)	0·6 (0·3–1·3)	0·4 (0·2–0·8)
Cocaine use disorders	<0·05 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·1 (0·1–0·4)	0·1 (0·1–0·3)	0·1 (0·0–0·2)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·7 (0·3–1·5)	1·6 (0·8–3·3)	2·2 (1·1–4·2)	2·0 (1·1–4·6)	1·7 (0·9–3·9)	1·3 (0·7–3·0)	0·8 (0·5–1·7)
Eating disorders	0·3 (0·1–0·6)	0·5 (0·2–0·8)	0·4 (0·1–0·8)	0·4 (0·1–0·7)	0·3 (0·1–0·6)	0·2 (0·1–0·4)	0·2 (0·1–0·3)
Other mental and behavioral disorders	0·2 (0·1–0·4)	0·3 (0·1–0·6)	0·3 (0·1–0·6)	0·3 (0·1–0·6)	0·4 (0·1–0·7)	0·4 (0·1–0·6)	0·4 (0·2–0·9)
Diabetes, urogenital, blood, and endocrine diseases	23·3 (18·8–32·1)	28·2 (23·7–37·0)	27·9 (23·9–36·0)	30·4 (26·2–39·3)	37·0 (31·9–48·3)	40·6 (35·3–52·3)	52·6 (46·6–65·3)
Diabetes mellitus	3·4 (2·6–4·4)	5·2 (4·0–6·6)	6·3 (5·1–7·1)	8·2 (6·7–9·2)	11·0 (9·3–12·4)	14·3 (12·5–16·5)	21·6 (19·1–25·6)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Both Sexes, 15-19 Years	Both Sexes, 20-24 Years	Both Sexes, 25-29 Years	Both Sexes, 30-34 Years	Both Sexes, 35-39 Years	Both Sexes, 40-44 Years	Both Sexes, 45-49 Years
Acute glomerulonephritis	5·5 (1·8–14·1)	5·1 (1·9–13·8)	4·7 (1·6–12·9)	4·8 (1·8–13·4)	5·5 (1·9–16·9)	5·6 (1·6–17·0)	5·8 (1·8–18·2)
Chronic kidney diseases	6·0 (4·9–7·4)	9·0 (7·1–11·1)	8·7 (7·2–10·2)	9·8 (8·1–11·6)	12·4 (10·3–15·0)	12·8 (10·8–15·7)	16·4 (13·9–19·4)
Chronic kidney disease due to diabetes mellitus	<0·05 (0·0–0·05)	0·4 (0·3–0·5)	0·7 (0·6–0·9)	1·2 (0·9–1·4)	1·9 (1·6–2·3)	2·5 (2·0–3·0)	3·9 (3·2–4·7)
Chronic kidney disease due to hypertension	1·0 (0·8–1·2)	1·6 (1·2–1·9)	1·6 (1·3–2·0)	2·0 (1·7–2·4)	2·8 (2·3–3·4)	3·2 (2·7–3·8)	3·9 (3·3–4·6)
Chronic kidney disease unspecified	5·1 (4·1–6·2)	7·1 (5·6–8·8)	6·4 (5·2–7·5)	6·6 (5·4–7·8)	7·7 (6·3–9·4)	7·2 (6·0–8·9)	8·6 (7·3–10·3)
Urinary diseases and male infertility	1·1 (0·7–1·5)	1·6 (1·0–2·2)	1·8 (1·2–2·3)	2·1 (1·3–2·7)	2·6 (1·6–3·4)	2·8 (1·8–3·6)	3·6 (2·3–4·8)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	0·6 (0·4–0·9)	0·9 (0·5–1·3)	1·0 (0·6–1·3)	1·1 (0·7–1·5)	1·3 (0·8–1·8)	1·4 (1·0–1·9)	1·8 (1·2–2·5)
Urolithiasis	0·1 (0·1–0·2)	0·2 (0·1–0·4)	0·2 (0·1–0·5)	0·3 (0·2–0·6)	0·5 (0·3–0·9)	0·5 (0·3–0·9)	0·6 (0·4–1·2)
Other urinary diseases	0·4 (0·2–0·5)	0·5 (0·3–0·7)	0·6 (0·4–0·8)	0·7 (0·4–0·9)	0·8 (0·5–1·1)	0·9 (0·5–1·2)	1·1 (0·7–1·6)
Gynecological diseases	0·3 (0·2–0·5)	0·3 (0·1–0·5)	0·4 (0·2–0·6)	0·4 (0·2–0·7)	0·5 (0·2–1·1)	0·5 (0·2–1·1)	0·3 (0·2–0·6)
Uterine fibroids	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Endometriosis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Genital prolapse	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other gynecological diseases	0·3 (0·2–0·5)	0·3 (0·1–0·5)	0·3 (0·2–0·6)	0·3 (0·2–0·7)	0·5 (0·2–1·1)	0·4 (0·2–1·1)	0·3 (0·1–0·6)
Hemoglobinopathies and hemolytic anemias	5·1 (3·3–8·0)	4·9 (3·2–8·2)	4·0 (2·6–6·4)	3·2 (2·1–5·3)	2·7 (1·8–4·7)	2·3 (1·5–4·0)	2·3 (1·6–3·8)
Thalassemias	2·8 (1·8–4·0)	2·5 (1·6–3·8)	1·9 (1·2–2·8)	1·4 (0·9–2·2)	1·2 (0·7–1·9)	0·9 (0·6–1·4)	0·8 (0·5–1·1)
Sickle cell disorders	1·1 (0·7–1·5)	0·9 (0·6–1·3)	0·8 (0·6–1·2)	0·7 (0·5–1·1)	0·6 (0·4–0·9)	0·5 (0·3–0·8)	0·5 (0·3–0·8)
G6PD deficiency	0·2 (0·1–0·3)	0·2 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·1–0·1)
Other hemoglobinopathies and hemolytic anemias	1·1 (0·5–2·4)	1·4 (0·6–2·9)	1·2 (0·4–2·4)	0·9 (0·3–1·8)	0·8 (0·2–1·8)	0·7 (0·3–1·6)	0·9 (0·3–1·7)
Other endocrine, nutritional, blood, and immune disorders	1·8 (0·7–3·0)	2·0 (0·8–3·3)	2·0 (0·9–3·3)	2·0 (0·9–3·1)	2·2 (1·0–3·3)	2·3 (1·1–3·4)	2·5 (1·3–3·7)
Musculoskeletal disorders	1·8 (1·2–2·6)	2·3 (1·3–3·3)	2·0 (1·2–2·7)	2·0 (1·3–2·8)	2·4 (1·4–3·3)	2·3 (1·6–3·1)	2·6 (1·7–3·4)
Rheumatoid arthritis	0·4 (0·3–0·7)	0·6 (0·3–0·9)	0·5 (0·3–0·7)	0·6 (0·4–0·9)	0·7 (0·4–1·1)	0·8 (0·6–1·2)	1·0 (0·7–1·5)
Other musculoskeletal disorders	1·4 (0·9–2·0)	1·7 (1·0–2·5)	1·5 (1·0–2·1)	1·5 (0·9–2·0)	1·7 (1·0–2·4)	1·4 (1·0–1·9)	1·5 (1·0–2·0)
Other non-communicable diseases	11·9 (9·8–14·6)	10·2 (8·4–12·5)	9·1 (7·4–11·3)	5·9 (4·9–7·1)	7·0 (5·6–8·5)	6·5 (5·2–8·1)	6·8 (5·6–8·5)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Both Sexes, 15-19 Years	Both Sexes, 20-24 Years	Both Sexes, 25-29 Years	Both Sexes, 30-34 Years	Both Sexes, 35-39 Years	Both Sexes, 40-44 Years	Both Sexes, 45-49 Years
Congenital anomalies	9·8 (7·7–12·7)	8·0 (6·4–10·4)	6·8 (5·4–9·0)	3·6 (2·9–4·5)	3·9 (3·1–4·9)	3·1 (2·5–4·1)	3·5 (2·8–4·7)
Neural tube defects	0·8 (0·4–1·8)	0·6 (0·3–1·1)	0·7 (0·3–1·7)	0·3 (0·1–0·6)	0·4 (0·2–0·8)	0·4 (0·1–0·8)	0·4 (0·1–0·7)
Congenital heart anomalies	6·5 (4·9–8·2)	5·2 (4·1–6·7)	4·1 (3·1–5·3)	2·2 (1·6–2·8)	2·1 (1·6–2·6)	1·4 (1·1–1·8)	1·4 (1·1–1·8)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	0·4 (0·2–0·7)	0·4 (0·2–0·7)	0·4 (0·2–0·8)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·4 (0·2–0·6)
Other chromosomal abnormalities	0·2 (0·1–0·5)	0·2 (0·1–0·5)	0·2 (0·1–0·5)	0·1 (0·1–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Other congenital anomalies	1·8 (1·2–2·6)	1·5 (0·9–2·2)	1·3 (0·9–2·0)	0·7 (0·5–1·0)	1·0 (0·7–1·5)	1·0 (0·7–1·5)	1·3 (0·8–2·1)
Skin and subcutaneous diseases	2·1 (1·5–3·0)	2·2 (1·5–3·0)	2·3 (1·5–3·1)	2·3 (1·7–3·1)	3·1 (2·2–4·5)	3·4 (2·3–4·8)	3·3 (2·4–4·6)
Cellulitis	0·7 (0·5–0·9)	0·7 (0·5–1·0)	0·7 (0·5–1·0)	0·8 (0·6–1·1)	1·1 (0·8–1·6)	1·1 (0·8–1·6)	1·2 (0·8–1·6)
Abscess, impetigo, and other bacterial skin diseases	0·9 (0·7–1·3)	1·0 (0·7–1·3)	1·0 (0·6–1·3)	1·0 (0·7–1·3)	1·3 (0·9–1·8)	1·4 (1·0–2·0)	1·3 (1·0–1·8)
Decubitus ulcer	0·5 (0·3–0·7)	0·5 (0·4–0·7)	0·6 (0·4–0·8)	0·5 (0·4–0·7)	0·7 (0·5–1·1)	0·8 (0·5–1·1)	0·8 (0·6–1·1)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	302·6 (281·3–335·7)	392·9 (362·8–439·0)	339·9 (312·7–375·8)	297·2 (271·8–332·9)	280·0 (252·9–324·0)	227·7 (206·7–261·5)	196·9 (178·7–223·6)
Transport injuries	83·4 (69·6–103·8)	107·7 (87·7–138·5)	92·7 (73·0–115·9)	76·5 (58·8–98·1)	72·9 (53·9–95·4)	58·4 (43·3–73·7)	51·4 (38·5–64·2)
Road injury	79·7 (68·4–98·7)	102·3 (85·6–133·1)	88·0 (71·7–111·2)	72·2 (56·9–94·2)	69·2 (53·1–87·5)	55·1 (41·7–72·5)	48·7 (38·1–64·4)
Pedestrian injury by road vehicle	21·0 (14·6–27·2)	26·0 (16·6–35·5)	24·2 (16·2–31·9)	21·0 (13·5–27·8)	20·8 (13·5–27·2)	17·0 (10·6–22·7)	14·9 (9·9–19·8)
Pedal cycle vehicle	4·8 (3·6–6·4)	4·8 (3·4–6·5)	4·2 (2·9–5·7)	3·5 (2·5–4·7)	3·4 (2·4–4·6)	2·9 (2·1–3·9)	3·0 (2·0–4·0)
Motorized vehicle with two wheels	15·4 (12·2–19·0)	20·5 (14·7–27·0)	15·8 (11·5–21·0)	11·4 (8·3–15·3)	11·1 (7·3–16·6)	8·2 (5·5–11·9)	7·4 (4·5–11·3)
Motorized vehicle with three or more wheels	30·4 (24·0–38·2)	41·5 (32·2–52·3)	34·7 (27·6–44·7)	28·4 (21·5–36·2)	26·2 (19·4–34·3)	20·8 (15·7–27·1)	18·0 (13·1–22·4)
Road injury other	8·2 (3·3–18·0)	9·5 (3·8–26·3)	9·0 (3·6–22·3)	7·8 (3·0–20·2)	7·8 (2·9–19·3)	6·2 (2·3–16·1)	5·5 (2·0–13·4)
Other transport injury	3·7 (2·8–5·6)	5·4 (3·9–7·3)	4·7 (3·5–6·9)	4·3 (3·2–6·0)	3·7 (2·8–5·2)	3·2 (2·5–4·7)	2·6 (2·1–3·6)
Unintentional injuries other than transport injuries	123·6 (110·5–141·3)	145·2 (130·0–168·4)	121·9 (108·4–143·0)	109·8 (97·8–130·2)	106·3 (93·0–131·2)	88·8 (78·8–107·5)	78·0 (69·9–93·4)
Falls	9·8 (7·7–13·1)	13·6 (10·4–18·7)	12·7 (9·6–18·6)	12·3 (10·0–16·4)	13·8 (11·1–19·6)	13·2 (10·6–18·4)	13·3 (10·9–17·3)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
Drowning	36·3 (28·8–44·6)	29·5 (23·3–38·2)	20·8 (16·5–26·7)	17·1 (14·1–22·3)	15·6 (12·9–20·4)	12·5 (10·2–16·1)	11·1 (9·0–14·3)
Fire, heat and hot substances	21·0 (14·7–29·2)	24·9 (17·2–35·1)	21·0 (14·5–29·9)	18·1 (13·4–24·3)	15·0 (11·0–20·9)	12·5 (9·2–16·8)	8·6 (6·4–12·0)
Poisonings	12·4 (9·1–18·9)	18·1 (12·9–29·8)	16·2 (12·2–27·1)	15·8 (11·8–27·6)	15·8 (11·0–28·4)	13·5 (9·6–24·1)	10·8 (8·0–18·7)
Exposure to mechanical forces	20·2 (12·9–31·0)	26·8 (17·9–40·4)	23·9 (15·8–37·3)	22·3 (15·5–35·0)	22·4 (14·9–38·2)	17·4 (12·1–28·7)	15·4 (10·5–24·7)
Mechanical forces (firearm)	12·2 (6·9–20·7)	15·1 (8·9–24·0)	11·5 (6·9–20·2)	10·5 (6·1–17·8)	10·3 (5·1–20·7)	7·5 (4·4–13·0)	6·5 (3·6–11·7)
Mechanical forces (other)	8·0 (4·6–13·7)	11·7 (6·7–18·2)	12·5 (7·6–19·1)	11·8 (7·4–18·3)	12·0 (7·9–19·6)	9·9 (6·4–16·1)	8·9 (5·8–14·3)
Adverse effects of medical treatment	1·1 (0·8–1·5)	1·5 (1·1–1·9)	1·4 (1·1–1·9)	1·3 (1·0–1·6)	1·4 (1·0–1·8)	1·3 (1·0–1·7)	1·4 (1·1–1·8)
Animal contact	4·4 (2·5–6·5)	4·6 (2·8–6·5)	3·7 (2·3–5·4)	3·2 (2·0–4·5)	3·4 (2·2–5·0)	2·9 (1·9–4·2)	3·4 (2·0–5·1)
Animal contact (venomous)	3·5 (1·6–5·5)	3·7 (1·8–5·8)	2·8 (1·4–4·6)	2·4 (1·2–4·0)	2·6 (1·4–4·4)	2·2 (1·2–3·5)	2·7 (1·2–4·4)
Animal contact (non-venomous)	0·9 (0·5–1·6)	1·0 (0·5–1·7)	0·9 (0·4–1·5)	0·8 (0·4–1·3)	0·9 (0·4–1·4)	0·7 (0·4–1·1)	0·7 (0·4–1·2)
Unintentional injuries not classified elsewhere	18·4 (13·1–21·8)	26·1 (18·3–31·3)	22·1 (17·1–25·3)	19·6 (15·3–22·4)	18·9 (14·8–21·9)	15·5 (12·0–17·7)	14·0 (11·6–15·9)
Self-harm and interpersonal violence	89·3 (73·5–108·7)	132·9 (106·8–156·4)	118·6 (96·7–137·2)	104·6 (85·3–122·1)	94·4 (75·1–115·4)	74·5 (61·6–93·9)	61·7 (49·7–76·4)
Self-harm	56·2 (43·3–74·9)	77·9 (55·2–99·9)	66·5 (48·2–85·0)	61·2 (45·8–77·7)	59·0 (43·1–76·0)	50·0 (38·6–68·3)	44·1 (33·3–58·4)
Interpersonal violence	33·1 (24·0–40·7)	55·0 (39·4–67·0)	52·1 (37·6–64·5)	43·4 (30·5–54·0)	35·4 (24·1–45·1)	24·5 (16·8–31·8)	17·7 (11·6–23·0)
Assault by firearm	15·5 (11·9–20·8)	25·8 (20·9–33·2)	24·8 (19·6–32·0)	19·9 (14·7–27·0)	15·3 (11·7–21·0)	10·4 (7·2–14·0)	7·4 (5·1–9·9)
Assault by sharp object	8·1 (5·3–11·7)	14·4 (9·5–21·8)	13·7 (8·6–20·3)	11·5 (7·5–17·5)	9·5 (5·9–13·9)	6·4 (4·1–10·1)	4·6 (2·9–7·3)
Assault by other means	9·5 (6·3–12·1)	14·7 (9·9–19·1)	13·6 (9·1–17·8)	11·9 (7·9–15·4)	10·5 (7·2–13·9)	7·7 (5·1–10·6)	5·7 (3·9–7·6)
Forces of nature, war, and legal intervention	6·2 (3·9–12·1)	7·1 (4·5–13·5)	6·7 (4·2–12·5)	6·2 (4·0–11·6)	6·4 (4·0–11·7)	6·0 (3·8–11·0)	5·9 (3·7–10·8)
Exposure to forces of nature	1·9 (1·0–4·2)	2·0 (1·0–4·4)	1·8 (0·9–3·9)	1·8 (0·9–3·7)	1·8 (0·9–3·8)	1·7 (0·9–3·5)	1·7 (0·9–3·6)
Collective violence and legal intervention	4·3 (2·8–7·7)	5·1 (3·3–9·0)	4·9 (3·1–8·5)	4·5 (2·9–7·7)	4·5 (2·9–7·8)	4·3 (2·8–7·4)	4·1 (2·7–7·1)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
All causes	1,919·7 (1,831·9–2,016·0)	2,425·7 (2,326·5–2,534·4)	3,209·7 (3,091·1–3,338·2)	3,614·0 (3,499·5–3,733·7)	3,818·1 (3,704·8–3,946·0)	4,185·6 (4,092·5–4,296·6)	7,408·4 (7,299·1–7,546·1)
Communicable, maternal, neonatal, and nutritional disorders	331·8 (295·8–371·7)	375·2 (338·4–422·8)	430·9 (388·2–485·8)	431·3 (394·6–480·2)	434·4 (398·0–479·0)	414·0 (384·1–453·1)	761·9 (711·1–831·7)
HIV/AIDS and tuberculosis	137·2 (112·0–166·7)	148·2 (121·6–176·7)	157·1 (131·3–194·3)	140·9 (120·5–172·6)	121·4 (102·8–149·5)	88·2 (75·9–106·6)	71·5 (60·3–88·5)
Tuberculosis	120·5 (97·8–145·8)	138·5 (114·7–167·2)	152·6 (128·0–188·5)	139·0 (117·9–171·5)	120·5 (101·9–148·5)	88·2 (75·9–106·6)	71·5 (60·3–88·5)
HIV/AIDS	16·8 (9·5–27·5)	9·7 (2·9–19·6)	4·5 (1·4–12·5)	1·9 (1·0–4·8)	0·9 (0·7–1·4)	–	–
HIV disease resulting in mycobacterial infection	2·8 (1·3–5·0)	1·7 (0·2–3·8)	0·7 (0·1–2·5)	0·2 (0·0–0·9)	0·1 (0·0–0·2)	–	–
HIV disease resulting in other specified or unspecified diseases	14·0 (8·3–22·4)	8·0 (2·7–15·9)	3·8 (1·4–10·0)	1·7 (1·0–4·0)	0·9 (0·7–1·3)	–	–
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	117·8 (103·9–136·8)	135·5 (119·0–157·5)	172·8 (153·2–198·9)	194·6 (173·7–221·2)	221·8 (198·5–248·3)	247·6 (222·4–276·5)	573·0 (522·0–637·4)
Diarrheal diseases	41·5 (33·8–51·7)	48·7 (39·0–62·2)	64·0 (50·7–82·8)	63·7 (50·6–81·8)	61·4 (50·2–75·7)	54·0 (44·6–65·9)	87·2 (73·1–106·4)
Cholera	1·1 (0·8–1·5)	1·0 (0·7–1·5)	1·0 (0·7–1·4)	0·6 (0·4–0·9)	0·3 (0·2–0·5)	0·3 (0·2–0·4)	0·3 (0·2–0·5)
Other salmonella infections	2·8 (1·9–3·8)	3·0 (2·0–4·2)	3·4 (2·2–4·9)	3·0 (2·1–4·5)	2·7 (1·8–3·9)	2·5 (1·8–3·5)	4·4 (3·2–6·2)
Shigellosis	3·9 (2·8–5·2)	4·6 (3·3–6·5)	6·2 (4·4–8·8)	6·4 (4·6–9·1)	6·3 (4·5–8·6)	5·6 (4·1–7·5)	9·1 (6·8–12·2)
Enteropathogenic E coli infection	0·5 (0·3–0·7)	0·6 (0·4–0·9)	0·9 (0·6–1·3)	1·0 (0·7–1·5)	1·2 (0·8–1·7)	1·3 (0·9–1·8)	2·9 (2·1–4·1)
Enterotoxigenic E coli infection	5·0 (3·7–6·8)	5·8 (4·1–7·9)	7·3 (5·1–10·1)	7·1 (5·1–9·8)	6·7 (4·9–8·9)	5·7 (4·2–7·7)	8·6 (6·5–11·6)
Campylobacter enteritis	2·1 (1·4–2·9)	2·4 (1·6–3·6)	3·2 (2·1–4·6)	3·1 (2·1–4·7)	3·3 (2·2–4·7)	3·5 (2·4–4·9)	7·2 (4·9–10·0)
Amoebiasis	2·6 (1·8–3·6)	3·2 (2·1–4·6)	4·3 (2·8–6·3)	4·5 (3·0–6·4)	4·4 (3·0–6·4)	3·9 (2·7–5·5)	6·1 (4·2–8·5)
Cryptosporidiosis	0·8 (0·6–1·1)	1·0 (0·6–1·4)	1·2 (0·8–1·8)	1·2 (0·8–1·8)	1·2 (0·8–1·7)	1·0 (0·7–1·4)	1·6 (1·1–2·3)
Rotaviral enteritis	3·6 (2·5–5·0)	4·6 (3·0–6·5)	6·5 (4·3–9·2)	6·9 (4·7–10·0)	6·8 (4·7–9·5)	5·6 (3·9–7·6)	7·6 (5·4–10·4)
Other diarrheal diseases	19·1 (13·3–26·9)	22·6 (15·4–31·7)	29·9 (20·6–42·9)	29·8 (20·6–42·4)	28·5 (20·9–38·9)	24·7 (17·4–34·1)	39·4 (28·9–52·4)
Typhoid and paratyphoid fevers	2·6 (0·3–4·9)	2·0 (0·3–3·8)	1·4 (0·2–2·7)	1·2 (0·2–2·3)	1·3 (0·2–2·5)	1·1 (0·1–2·1)	1·1 (0·1–2·1)
Lower respiratory infections	55·5 (47·3–66·6)	65·0 (56·1–76·9)	89·7 (75·8–105·2)	112·1 (95·6–129·9)	143·5 (123·0–165·3)	178·2 (155·3–205·4)	469·8 (416·9–533·5)
Influenza	12·9 (10·9–15·4)	14·6 (12·5–17·3)	19·4 (16·5–23·0)	23·4 (20·1–27·2)	28·8 (24·8–33·1)	34·3 (29·9–39·6)	83·9 (74·4–95·6)
Pneumococcal pneumonia	17·5 (15·0–20·9)	20·9 (18·1–24·5)	29·2 (24·9–34·1)	37·3 (31·9–43·2)	48·4 (41·4–55·3)	62·0 (54·5–71·0)	175·0 (156·8–200·3)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990

Cause	Both Sexes, 50-54 Years	Both Sexes, 55-59 Years	Both Sexes, 60-64 Years	Both Sexes, 65-69 Years	Both Sexes, 70-74 Years	Both Sexes, 75-79 Years	Both Sexes, 80+ Years
H influenzae type B pneumonia	7·9 (6·7–9·6)	8·5 (7·3–10·3)	10·7 (9·1–12·8)	12·0 (10·3–14·2)	13·8 (11·9–16·2)	15·1 (13·1–17·6)	29·7 (26·5–34·4)
Respiratory syncytial virus pneumonia	0·6 (0·5–0·7)	0·7 (0·6–0·8)	0·9 (0·8–1·1)	1·1 (1·0–1·3)	1·4 (1·2–1·7)	1·8 (1·6–2·1)	4·7 (4·2–5·3)
Other lower respiratory infections	16·6 (13·8–20·1)	20·5 (17·3–24·4)	29·5 (24·5–35·1)	38·3 (32·3–45·0)	51·0 (43·2–58·8)	65·0 (55·7–74·8)	176·5 (156·4–202·7)
Upper respiratory infections	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·4 (0·3–0·4)
Otitis media	0·2 (0·0–1·8)	0·1 (0·0–1·2)	0·1 (0·0–1·2)	0·1 (0·0–1·1)	0·1 (0·0–1·0)	0·1 (0·0–0·9)	0·1 (0·0–1·1)
Meningitis	10·2 (8·0–13·3)	10·6 (7·9–14·2)	11·1 (8·5–14·7)	11·0 (8·4–14·8)	9·8 (7·5–13·8)	9·1 (6·4–13·7)	9·2 (6·4–13·3)
Pneumococcal meningitis	3·4 (2·6–4·5)	3·4 (2·5–4·7)	3·5 (2·6–4·8)	3·3 (2·4–4·5)	2·7 (2·0–3·9)	2·3 (1·6–3·8)	1·9 (1·2–3·0)
H influenzae type B meningitis	0·7 (0·5–0·9)	0·8 (0·6–1·1)	0·9 (0·6–1·3)	1·0 (0·7–1·4)	0·9 (0·7–1·4)	0·9 (0·6–1·5)	1·1 (0·7–1·7)
Meningococcal infection	1·9 (1·5–2·3)	1·8 (1·4–2·3)	1·9 (1·5–2·4)	1·8 (1·4–2·3)	1·5 (1·1–1·9)	1·2 (0·9–1·7)	1·0 (0·7–1·4)
Other meningitis	4·2 (3·4–5·4)	4·5 (3·4–6·0)	4·9 (3·7–6·5)	5·0 (3·8–6·6)	4·7 (3·6–6·4)	4·6 (3·2–6·6)	5·2 (3·6–7·4)
Encephalitis	3·6 (2·3–5·8)	3·8 (2·2–6·3)	3·7 (2·2–6·2)	3·5 (2·0–5·8)	2·8 (1·6–5·0)	2·7 (1·5–5·4)	2·6 (1·6–4·7)
Diphtheria	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	–	–	–	–	–
Whooping cough	0·1 (0·0–0·7)	0·5 (0·0–2·3)	–	–	–	–	–
Tetanus	3·5 (0·0–14·4)	4·2 (0·1–17·8)	2·5 (0·0–10·3)	2·6 (0·0–10·9)	2·4 (0·0–9·8)	1·8 (0·0–7·4)	1·3 (0·0–5·4)
Measles	0·3 (0·1–0·6)	0·2 (0·1–0·6)	–	–	–	–	–
Varicella	0·2 (0·0–1·4)	0·2 (0·0–1·2)	0·2 (0·0–1·3)	0·2 (0·0–1·5)	0·3 (0·0–1·7)	0·4 (0·0–2·6)	1·3 (0·0–8·5)
Neglected tropical diseases and malaria	33·7 (25·3–49·1)	41·8 (28·7–59·3)	40·6 (27·9–59·1)	34·2 (24·0–50·5)	29·5 (20·9–44·8)	21·5 (15·2–32·9)	23·3 (15·9–37·4)
Malaria	24·3 (16·8–39·3)	32·4 (20·3–49·0)	31·7 (18·9–49·1)	26·3 (17·0–42·9)	22·5 (15·0–38·2)	16·1 (10·4–27·0)	17·7 (10·5–31·9)
Chagas disease	0·9 (0·4–2·1)	1·1 (0·4–2·4)	1·2 (0·5–2·8)	1·1 (0·4–2·4)	1·0 (0·5–2·2)	0·8 (0·4–1·9)	0·9 (0·4–2·0)
Leishmaniasis	2·5 (1·4–4·1)	2·2 (1·3–3·7)	1·8 (1·0–3·0)	1·5 (0·9–2·5)	1·3 (0·8–2·1)	0·9 (0·5–1·5)	1·0 (0·6–1·5)
African trypanosomiasis	1·2 (0·3–2·4)	0·7 (0·2–1·4)	0·3 (0·1–0·6)	0·2 (0·0–0·3)	0·1 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Schistosomiasis	0·9 (0·0–5·4)	1·1 (0·0–6·6)	1·2 (0·0–7·1)	1·2 (0·0–7·1)	1·2 (0·0–7·3)	0·9 (0·0–5·7)	0·7 (0·0–4·1)
Cysticercosis	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Both Sexes, 50-54 Years	Both Sexes, 55-59 Years	Both Sexes, 60-64 Years	Both Sexes, 65-69 Years	Both Sexes, 70-74 Years	Both Sexes, 75-79 Years	Both Sexes, 80+ Years
Echinococcosis	0·1 (0·0–0·5)	0·2 (0·0–0·7)	0·2 (0·0–0·8)	0·2 (0·0–0·8)	0·2 (0·0–0·7)	0·2 (0·0–0·8)	0·3 (0·0–1·0)
Dengue	0·3 (0·1–0·7)	0·3 (0·1–0·7)	0·4 (0·1–0·8)	0·3 (0·1–0·8)	0·3 (0·1–0·5)	0·3 (0·1–0·5)	0·6 (0·2–1·3)
Rabies	2·3 (1·2–4·4)	2·6 (1·3–5·2)	2·6 (1·3–5·2)	2·1 (1·1–4·1)	1·7 (0·9–3·2)	1·0 (0·5–1·7)	0·6 (0·3–1·2)
Intestinal nematode infections	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)
Ascariasis	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)
Other neglected tropical diseases	1·0 (0·5–1·6)	1·1 (0·6–1·7)	1·1 (0·6–1·9)	1·1 (0·5–2·0)	1·3 (0·7–2·3)	1·2 (0·5–2·4)	1·5 (0·6–3·1)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	19·4 (14·1–27·6)	22·8 (16·4–33·2)	31·0 (22·1–44·6)	32·2 (24·4–45·4)	37·3 (27·6–52·1)	37·2 (28·4–49·8)	74·3 (58·6–95·1)
Protein-energy malnutrition	16·8 (11·8–24·4)	19·9 (13·8–29·2)	27·2 (18·2–40·9)	27·8 (20·0–39·8)	32·1 (22·5–46·5)	31·3 (22·3–43·6)	58·4 (43·7–77·7)
Iodine deficiency	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·4 (0·3–0·5)
Iron-deficiency anemia	2·2 (1·7–2·7)	2·5 (2·0–3·0)	3·2 (2·6–4·1)	3·7 (2·9–4·6)	4·3 (3·2–5·4)	4·7 (3·8–5·7)	12·3 (9·8–15·7)
Other nutritional deficiencies	0·4 (0·3–0·4)	0·4 (0·4–0·5)	0·5 (0·5–0·7)	0·6 (0·5–0·7)	0·8 (0·6–1·0)	1·0 (0·8–1·2)	3·2 (2·7–4·2)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Both Sexes, 50-54 Years	Both Sexes, 55-59 Years	Both Sexes, 60-64 Years	Both Sexes, 65-69 Years	Both Sexes, 70-74 Years	Both Sexes, 75-79 Years	Both Sexes, 80+ Years
Other communicable, maternal, neonatal, and nutritional disorders	23·7 (20·1–28·0)	26·9 (22·5–31·7)	29·3 (24·4–35·3)	29·3 (23·8–36·7)	24·4 (20·0–30·3)	19·5 (16·1–24·4)	19·8 (15·9–25·4)
Sexually transmitted diseases excluding HIV	1·2 (0·6–2·0)	1·2 (0·6–2·0)	1·6 (0·6–3·8)	1·1 (0·5–1·7)	1·1 (0·6–2·0)	1·0 (0·6–1·6)	1·0 (0·6–1·3)
Syphilis	0·8 (0·3–1·5)	0·8 (0·3–1·7)	1·1 (0·4–3·2)	0·8 (0·3–1·4)	0·7 (0·3–1·3)	0·6 (0·3–1·1)	0·5 (0·3–0·7)
Sexually transmitted chlamydial diseases	0·1 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·2)
Gonococcal infection	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other sexually transmitted diseases	0·2 (0·1–0·4)	0·2 (0·1–0·3)	0·3 (0·1–0·6)	0·2 (0·1–0·3)	0·2 (0·1–0·5)	0·2 (0·1–0·3)	0·3 (0·2–0·4)
Hepatitis	14·6 (12·2–17·4)	17·0 (14·1–20·8)	16·6 (13·6–19·9)	14·9 (12·5–17·8)	12·0 (10·2–14·3)	7·7 (6·6–9·1)	5·1 (4·3–6·0)
Acute hepatitis A	7·0 (3·0–13·6)	8·5 (3·7–16·7)	8·6 (4·1–16·3)	7·6 (3·1–14·7)	5·9 (2·5–11·4)	3·7 (1·6–7·4)	2·6 (1·1–5·1)
Acute hepatitis B	6·6 (4·5–9·2)	7·5 (4·7–10·8)	6·9 (4·3–10·0)	6·3 (4·1–8·8)	5·2 (3·3–7·3)	3·4 (2·2–4·5)	2·0 (1·4–2·7)
Acute hepatitis C	0·8 (0·4–1·4)	0·9 (0·5–1·5)	1·0 (0·5–1·7)	0·9 (0·5–1·6)	0·9 (0·5–1·5)	0·6 (0·3–0·9)	0·5 (0·3–0·7)
Acute hepatitis E	0·2 (0·1–0·4)	0·1 (0·0–0·3)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)
Other infectious diseases	7·9 (5·2–11·0)	8·7 (5·9–11·9)	11·1 (7·8–15·4)	13·4 (9·0–20·0)	11·3 (7·5–17·0)	10·8 (7·7–15·4)	13·8 (9·8–19·2)
Non-communicable diseases	1,382·4 (1,312·2–1,448·7)	1,870·4 (1,789·1–1,952·4)	2,608·8 (2,515·5–2,711·8)	3,037·4 (2,931·9–3,147·3)	3,256·7 (3,156·7–3,374·5)	3,647·2 (3,552·3–3,747·8)	6,433·9 (6,313·5–6,569·7)
Neoplasms	455·3 (413·0–491·7)	609·4 (558·3–659·0)	770·4 (710·6–835·1)	807·8 (747·9–877·9)	726·0 (675·3–794·3)	671·4 (629·0–737·2)	775·9 (725·5–848·1)
Esophageal cancer	30·8 (22·7–41·0)	44·1 (32·3–61·2)	55·4 (42·0–74·8)	54·8 (41·9–72·4)	50·6 (38·7–65·9)	38·6 (29·6–51·3)	35·9 (28·4–46·5)
Stomach cancer	60·0 (45·2–79·7)	83·5 (63·0–112·6)	109·2 (81·5–148·4)	114·1 (85·1–152·4)	106·3 (81·0–142·6)	95·6 (73·9–130·2)	103·1 (78·6–143·1)
Liver cancer	47·5 (35·0–56·8)	60·4 (47·7–70·3)	63·2 (50·0–74·4)	59·1 (50·3–70·1)	49·4 (42·4–59·5)	38·1 (32·5–48·8)	34·5 (29·6–44·1)
Liver cancer secondary to hepatitis B	23·1 (16·4–28·0)	28·7 (22·5–33·7)	29·0 (22·7–34·3)	26·4 (22·1–31·6)	21·6 (18·2–26·8)	15·4 (13·0–20·0)	12·5 (10·6–16·4)
Liver cancer secondary to hepatitis C	9·2 (6·9–10·7)	14·6 (11·7–16·4)	18·3 (14·3–21·2)	18·8 (16·0–21·9)	16·1 (13·7–19·3)	12·9 (11·1–16·2)	12·5 (10·9–15·7)
Liver cancer secondary to alcohol use	9·6 (7·1–11·4)	11·6 (9·3–13·6)	11·9 (9·3–14·1)	11·1 (9·4–13·2)	9·5 (8·0–11·4)	8·0 (6·9–9·9)	8·0 (6·9–10·1)
Other liver cancer	5·6 (4·2–6·6)	5·5 (4·4–6·3)	4·1 (3·2–4·8)	2·9 (2·4–3·3)	2·3 (2·0–2·8)	1·8 (1·5–2·2)	1·5 (1·3–1·9)
Larynx cancer	8·9 (4·4–15·2)	11·4 (5·8–19·1)	14·6 (7·4–24·2)	13·2 (6·7–23·0)	10·3 (5·4–17·0)	7·9 (4·1–13·3)	6·8 (3·7–11·2)
Trachea, bronchus and lung cancers	80·6 (60·1–101·6)	122·7 (93·0–151·7)	170·3 (129·4–212·8)	180·3 (141·0–233·4)	153·4 (123·9–204·2)	129·3 (104·1–177·9)	109·6 (90·9–148·2)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Breast cancer	34·5 (33·1–36·4)	36·6 (35·2–38·7)	38·2 (36·4–40·6)	36·9 (35·3–39·6)	29·8 (28·5–32·1)	29·4 (28·1–31·9)	44·0 (41·3–48·3)
Cervical cancer	23·4 (14·4–33·6)	24·5 (14·5–34·1)	25·9 (14·5–35·8)	22·1 (13·0–29·9)	18·6 (11·1–25·6)	14·2 (8·6–19·9)	14·8 (8·7–21·0)
Uterine cancer	3·0 (1·6–5·0)	4·4 (2·3–7·4)	6·1 (3·4–10·7)	7·2 (4·2–12·8)	6·2 (3·3–10·8)	6·3 (3·4–11·2)	7·9 (4·4–14·3)
Prostate cancer	1·7 (0·9–2·7)	4·3 (2·4–7·3)	10·3 (5·8–16·3)	18·2 (10·4–29·3)	24·4 (13·3–38·0)	35·1 (19·6–53·5)	60·4 (33·7–92·8)
Colon and rectum cancers	29·0 (24·0–32·7)	41·1 (34·8–46·4)	57·8 (48·7–64·9)	67·0 (56·6–77·4)	65·7 (55·8–76·3)	73·3 (61·5–85·6)	104·1 (84·7–122·1)
Mouth cancer	9·4 (7·5–10·7)	10·7 (8·7–12·0)	12·2 (10·0–13·9)	10·9 (8·9–12·1)	8·3 (6·8–9·2)	6·8 (5·5–7·7)	8·7 (7·0–9·9)
Nasopharynx cancer	4·8 (3·1–6·9)	5·5 (3·6–8·1)	5·7 (3·6–7·9)	4·8 (3·1–7·0)	3·7 (2·3–5·2)	2·6 (1·6–3·6)	2·1 (1·4–3·0)
Cancer of other part of pharynx and oropharynx	9·8 (5·6–13·3)	11·3 (6·4–14·8)	12·1 (7·1–16·1)	10·3 (6·1–13·6)	7·3 (4·5–9·9)	5·0 (3·2–6·8)	4·5 (2·9–5·8)
Gallbladder and biliary tract cancer	5·8 (3·7–8·4)	8·6 (5·4–12·3)	11·8 (7·7–17·2)	14·3 (9·5–20·9)	14·0 (9·3–20·4)	14·7 (9·9–21·5)	19·6 (12·6–29·4)
Pancreatic cancer	12·7 (9·3–16·7)	19·3 (14·4–25·5)	26·5 (20·1–35·2)	30·4 (22·5–39·6)	29·0 (21·7–38·5)	29·7 (22·2–39·9)	36·5 (26·7–51·6)
Malignant melanoma of skin	2·6 (1·5–3·8)	2·9 (1·9–4·4)	3·6 (2·2–5·3)	3·7 (2·4–5·6)	3·2 (2·0–4·8)	3·3 (2·1–5·2)	4·6 (3·1–7·5)
Non-melanoma skin cancer	1·0 (0·6–1·6)	1·4 (0·8–2·4)	1·8 (1·0–3·0)	2·1 (1·2–3·4)	2·2 (1·3–3·6)	2·7 (1·7–4·5)	7·0 (4·1–11·5)
Ovarian cancer	12·0 (8·3–15·4)	13·7 (9·6–16·8)	15·5 (10·9–19·7)	15·6 (11·1–20·2)	12·1 (8·2–15·7)	11·1 (8·0–14·4)	12·9 (9·1–17·4)
Testicular cancer	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·3 (0·2–0·5)	0·3 (0·1–0·4)	0·4 (0·2–0·6)
Kidney and other urinary organ cancers	6·1 (4·2–8·0)	8·9 (6·2–12·2)	11·8 (8·2–15·6)	12·7 (8·8–17·3)	10·7 (7·5–14·9)	11·0 (7·8–15·4)	12·4 (8·8–17·5)
Bladder cancer	5·4 (4·1–6·4)	8·8 (6·7–10·9)	14·3 (11·0–17·3)	18·0 (13·9–21·9)	18·7 (15·1–23·3)	21·0 (17·4–26·6)	30·4 (25·5–37·3)
Brain and nervous system cancers	12·0 (8·2–16·9)	14·4 (9·5–19·7)	16·2 (10·5–23·0)	15·2 (10·5–21·8)	11·4 (8·0–16·8)	8·7 (6·0–13·7)	6·9 (4·9–11·7)
Thyroid cancer	1·6 (1·1–2·1)	2·3 (1·7–2·9)	3·2 (2·3–4·0)	3·4 (2·5–4·4)	3·5 (2·5–4·4)	3·2 (2·3–4·2)	3·7 (2·6–4·8)
Hodgkin's disease	1·2 (0·7–1·7)	1·4 (0·8–2·0)	1·7 (0·9–2·4)	1·7 (1·0–2·4)	1·3 (0·8–1·9)	1·2 (0·8–1·8)	1·3 (0·8–1·9)
Non-Hodgkin's lymphoma	8·7 (6·9–10·1)	11·7 (9·4–13·3)	15·4 (12·7–17·4)	17·0 (14·0–19·1)	15·9 (13·3–18·0)	15·1 (12·9–18·3)	18·0 (15·2–22·1)
Multiple myeloma	2·6 (1·7–3·7)	4·2 (2·8–6·0)	6·3 (4·2–9·2)	7·7 (5·1–11·5)	7·5 (5·1–11·1)	7·8 (5·2–11·8)	9·5 (6·4–14·0)
Leukemia	10·9 (8·4–13·1)	13·3 (10·5–16·4)	16·3 (13·1–20·0)	17·8 (14·4–22·7)	16·4 (13·2–21·1)	16·9 (13·6–21·7)	22·0 (17·3–28·6)
Other neoplasms	29·2 (20·5–37·6)	37·8 (27·0–49·8)	44·9 (32·4–58·9)	48·7 (36·7–64·3)	45·8 (34·1–61·4)	42·6 (32·2–58·0)	54·3 (41·7–74·7)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Cardiovascular and circulatory diseases	506·8 (471·9–550·7)	697·8 (659·5–755·6)	1,043·3 (978·9–1,128·2)	1,292·6 (1,219·9–1,393·2)	1,487·2 (1,404·6–1,610·0)	1,893·8 (1,791·4–2,016·8)	3,896·2 (3,701·9–4,067·2)
Rheumatic heart disease	33·3 (28·4–40·9)	38·7 (33·0–47·4)	44·4 (38·1–52·5)	43·4 (38·7–50·0)	43·1 (38·5–50·3)	44·7 (40·2–49·4)	83·3 (77·1–91·4)
Ischemic heart disease	230·0 (211·7–255·6)	306·3 (291·5–347·9)	468·3 (443·6–518·6)	573·9 (540·9–631·6)	629·1 (601·8–698·2)	822·5 (786·4–891·3)	1,778·5 (1,711·2–1,893·5)
Cerebrovascular disease	176·2 (160·9–206·6)	261·1 (239·0–306·5)	399·7 (365·0–462·4)	513·1 (469·7–589·1)	630·5 (578·4–716·4)	802·0 (734·2–893·9)	1,557·0 (1,422·3–1,722·9)
Ischemic stroke	31·8 (27·7–41·5)	58·2 (50·0–75·0)	130·1 (113·0–158·6)	186·7 (164·3–225·2)	273·5 (241·9–324·3)	432·6 (400·1–484·8)	1,082·0 (1,010·1–1,159·7)
Hemorrhagic and other non-ischemic stroke	144·4 (120·9–172·4)	202·9 (169·9–240·2)	269·7 (225·7–322·4)	326·5 (270·9–384·7)	356·9 (292·4–428·5)	369·4 (308·8–433·7)	474·9 (396·9–558·9)
Hypertensive heart disease	25·4 (20·5–32·5)	35·2 (28·3–44·9)	52·8 (43·1–66·1)	68·1 (54·5–85·5)	79·5 (63·6–101·3)	94·1 (74·4–118·9)	191·2 (147·7–248·1)
Cardiomyopathy and myocarditis	19·4 (16·3–22·4)	22·2 (18·7–25·9)	27·4 (23·8–31·1)	27·7 (23·9–31·2)	26·6 (23·1–30·3)	28·3 (24·9–31·2)	51·8 (46·2–57·7)
Atrial fibrillation and flutter	0·5 (0·3–0·7)	0·8 (0·5–1·2)	1·5 (1·0–2·4)	2·3 (1·7–3·5)	3·5 (2·5–5·3)	5·9 (4·6–7·8)	19·2 (15·5–24·2)
Aortic aneurysm	4·6 (2·9–7·3)	7·0 (4·6–10·7)	11·6 (7·8–16·9)	16·9 (11·4–24·9)	20·9 (13·8–32·4)	23·7 (16·5–33·1)	38·9 (28·8–52·0)
Peripheral vascular disease	0·4 (0·2–0·7)	0·6 (0·4–1·1)	1·1 (0·6–2·0)	1·6 (1·0–2·7)	2·2 (1·3–3·6)	3·0 (1·9–4·8)	9·3 (5·8–14·1)
Endocarditis	1·6 (1·2–2·2)	1·8 (1·4–2·5)	2·2 (1·8–3·0)	2·4 (1·9–3·4)	2·4 (1·9–3·4)	2·8 (2·4–3·9)	5·7 (4·8–7·5)
Other cardiovascular and circulatory diseases	15·5 (14·2–17·0)	24·0 (22·1–26·1)	34·3 (32·1–36·9)	43·2 (40·2–46·4)	49·5 (46·4–52·9)	66·7 (63·3–70·4)	161·4 (154·0–170·1)
Chronic respiratory diseases	150·1 (139·6–161·9)	240·9 (224·5–259·2)	402·3 (378·0–428·1)	519·1 (492·0–546·8)	627·5 (599·7–658·4)	642·7 (615·5–669·2)	1,010·2 (970·8–1,047·0)
Chronic obstructive pulmonary disease	106·3 (92·4–120·9)	180·3 (160·6–204·5)	314·6 (283·9–351·0)	419·4 (383·5–461·6)	518·8 (478·5–566·4)	535·0 (497·2–580·6)	840·5 (789·0–900·7)
Pneumoconiosis	7·4 (2·9–15·0)	11·1 (4·9–21·1)	17·9 (7·9–36·9)	22·2 (9·8–47·3)	25·4 (11·8–49·2)	24·6 (13·0–46·6)	45·2 (24·7–84·5)
Asthma	22·3 (14·0–39·1)	30·4 (19·6–49·9)	42·1 (28·1–68·0)	46·4 (31·9–71·5)	48·6 (34·0–74·6)	46·2 (33·8–69·4)	60·1 (45·6–87·1)
Other interstitial lung disease	3·1 (2·0–4·8)	4·7 (2·9–7·4)	7·7 (4·5–13·6)	8·9 (5·7–13·8)	9·7 (6·2–14·6)	10·1 (6·7–15·6)	13·2 (8·7–20·5)
Other chronic respiratory diseases	11·1 (7·4–17·3)	14·5 (9·7–22·1)	20·0 (13·5–30·0)	22·2 (15·0–31·8)	25·0 (17·2–35·2)	26·8 (19·3–37·0)	51·2 (38·7–67·6)
Cirrhosis of the liver	82·6 (69·9–97·9)	94·5 (78·6–110·7)	99·5 (83·3–115·1)	88·3 (73·5–100·0)	68·5 (57·8–78·4)	56·6 (47·1–63·6)	61·4 (50·0–68·5)
Cirrhosis of the liver secondary to hepatitis B	26·5 (21·6–30·9)	31·7 (25·6–37·5)	34·3 (28·4–39·3)	30·8 (25·2–35·1)	24·1 (19·6–27·3)	18·5 (15·0–21·0)	18·1 (13·6–20·8)
Cirrhosis of the liver secondary to hepatitis C	20·6 (17·6–24·3)	26·4 (22·0–30·8)	31·0 (26·4–36·1)	29·7 (25·2–34·0)	23·2 (19·6–26·5)	19·9 (16·9–22·7)	23·0 (18·5–25·6)
Cirrhosis of the liver secondary to alcohol use	24·1 (19·9–30·1)	25·7 (20·4–31·6)	25·3 (20·4–30·4)	21·2 (17·2–25·5)	16·0 (12·9–19·1)	13·7 (11·3–16·1)	15·5 (12·7–17·5)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Other cirrhosis of the liver	11·4 (9·8–13·7)	10·7 (8·9–12·6)	8·9 (7·6–10·5)	6·7 (5·6–7·8)	5·2 (4·3–6·1)	4·4 (3·6–5·0)	4·8 (3·8–5·5)
Digestive diseases (except cirrhosis)	59·3 (50·3–67·5)	62·8 (54·0–72·0)	83·2 (71·9–96·4)	90·7 (80·7–102·3)	96·5 (86·0–110·0)	107·0 (96·1–121·2)	195·5 (180·5–214·0)
Peptic ulcer disease	24·7 (19·6–28·0)	22·5 (18·0–25·8)	29·3 (23·9–32·8)	30·5 (25·1–34·3)	31·4 (25·7–35·1)	32·8 (27·0–36·7)	53·4 (42·5–58·5)
Gastritis and duodenitis	0·8 (0·5–1·2)	1·0 (0·7–1·5)	1·2 (0·8–1·7)	1·3 (0·9–2·0)	1·4 (1·0–2·1)	1·7 (1·1–2·4)	3·8 (2·5–5·5)
Appendicitis	1·8 (1·1–2·7)	2·2 (1·4–3·3)	2·9 (1·8–4·2)	2·9 (1·8–4·4)	3·0 (1·9–4·2)	2·9 (1·8–4·0)	3·9 (2·6–5·4)
Paralytic ileus and intestinal obstruction without hernia	6·1 (3·6–8·4)	7·1 (4·2–9·5)	9·2 (5·7–11·8)	10·0 (6·3–12·8)	11·4 (7·3–14·4)	13·1 (8·9–16·3)	26·6 (19·3–33·6)
Inguinal or femoral hernia	0·9 (0·9–1·0)	1·2 (1·2–1·2)	1·8 (1·8–1·8)	2·1 (2·0–2·1)	2·4 (2·3–2·5)	3·1 (3·0–3·2)	6·1 (5·8–6·3)
Noninfective inflammatory bowel disease	1·1 (0·8–1·5)	1·4 (0·9–1·8)	1·6 (1·1–2·3)	1·8 (1·3–2·5)	2·0 (1·4–2·6)	2·4 (1·8–3·0)	5·4 (4·1–6·8)
Vascular disorders of intestine	1·4 (0·6–3·3)	2·2 (1·0–5·3)	3·8 (1·7–8·9)	5·5 (2·7–12·1)	6·5 (3·4–13·8)	9·4 (5·0–18·8)	19·2 (11·1–35·4)
Gall bladder and bile duct disease	3·4 (2·6–4·7)	4·2 (3·4–5·8)	5·9 (4·7–7·6)	7·2 (5·9–9·6)	7·9 (6·3–10·7)	9·7 (7·9–12·3)	20·3 (16·6–26·2)
Pancreatitis	4·1 (2·9–5·4)	4·2 (3·0–5·5)	5·0 (3·5–6·4)	4·9 (3·5–6·4)	4·5 (3·4–5·8)	4·9 (3·7–6·4)	7·1 (5·2–9·1)
Other digestive diseases	14·8 (10·5–19·8)	17·0 (12·6–21·9)	22·6 (16·6–28·9)	24·4 (18·1–30·5)	26·1 (19·5–32·6)	27·1 (20·3–33·5)	49·6 (36·7–64·5)
Neurological disorders	25·5 (17·6–35·4)	29·8 (20·8–42·0)	35·8 (25·0–50·5)	42·2 (30·7–58·8)	49·8 (36·2–67·6)	62·8 (50·2–78·2)	143·3 (116·7–191·4)
Alzheimer's disease and other dementias	1·5 (0·9–2·1)	2·3 (1·5–3·1)	4·2 (2·8–5·7)	6·9 (4·9–9·6)	12·0 (8·6–16·5)	22·4 (16·9–31·1)	83·6 (65·0–129·7)
Parkinson's disease	0·6 (0·4–0·8)	1·1 (0·8–1·6)	2·3 (1·7–3·3)	4·5 (3·4–6·4)	7·6 (5·7–10·6)	12·3 (9·4–16·6)	23·4 (18·0–32·6)
Epilepsy	5·8 (3·9–7·2)	5·2 (3·4–6·5)	4·7 (3·2–5·9)	4·9 (3·3–6·1)	4·2 (2·6–5·5)	4·0 (2·5–5·0)	6·9 (4·2–9·4)
Multiple sclerosis	1·6 (1·2–2·2)	2·0 (1·3–3·1)	1·7 (1·3–2·3)	1·5 (1·1–1·9)	1·1 (0·8–1·6)	1·0 (0·7–1·3)	0·7 (0·5–1·0)
Other neurological disorders	16·0 (9·2–25·6)	19·3 (11·1–31·6)	22·9 (13·1–37·6)	24·4 (13·7–40·6)	24·8 (12·9–41·7)	23·0 (12·7–35·7)	28·7 (15·2–45·5)
Mental and behavioral disorders	14·5 (8·7–21·0)	13·0 (8·0–18·8)	11·7 (7·4–17·8)	8·5 (5·9–12·6)	5·9 (4·3–8·4)	5·8 (4·2–8·1)	9·4 (6·3–12·7)
Schizophrenia	1·4 (0·9–2·0)	1·6 (1·1–2·3)	1·3 (0·8–1·9)	1·5 (0·9–2·3)	1·3 (0·8–2·0)	1·3 (0·9–2·0)	2·0 (1·2–3·2)
Alcohol use disorders	11·2 (5·7–17·1)	9·7 (4·9–15·4)	8·7 (4·6–14·5)	5·3 (3·0–9·3)	2·8 (1·7–4·9)	2·1 (1·3–3·8)	1·7 (1·0–2·9)
Drug use disorders	1·2 (0·7–3·4)	0·9 (0·5–2·0)	0·8 (0·5–1·9)	0·6 (0·4–1·4)	0·6 (0·3–1·3)	0·6 (0·4–1·4)	0·9 (0·5–1·8)
Opioid use disorders	0·4 (0·2–1·1)	0·3 (0·2–0·6)	0·3 (0·2–0·6)	0·2 (0·1–0·5)	0·2 (0·1–0·4)	0·2 (0·1–0·5)	0·3 (0·2–0·6)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Cocaine use disorders	0·1 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·8 (0·4–2·2)	0·6 (0·3–1·2)	0·5 (0·3–1·2)	0·4 (0·2–0·9)	0·4 (0·2–0·8)	0·4 (0·2–0·9)	0·5 (0·3–1·1)
Eating disorders	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·4 (0·2–0·7)	1·5 (0·7–2·4)
Other mental and behavioral disorders	0·5 (0·2–1·0)	0·6 (0·3–1·2)	0·7 (0·3–1·2)	0·8 (0·4–1·4)	0·9 (0·4–1·5)	1·4 (0·6–2·2)	3·4 (1·5–5·2)
Diabetes, urogenital, blood, and endocrine diseases	76·1 (68·6–91·7)	106·4 (96·8–127·1)	142·8 (131·6–169·6)	166·9 (153·8–190·8)	170·6 (157·8–196·0)	180·6 (167·6–203·9)	293·0 (268·4–332·3)
Diabetes mellitus	36·0 (31·3–40·6)	55·4 (48·9–64·0)	79·1 (70·4–91·2)	95·4 (84·1–111·4)	94·9 (85·4–111·0)	94·7 (84·8–109·8)	123·9 (112·0–145·5)
Acute glomerulonephritis	7·1 (2·3–19·8)	7·7 (2·5–23·2)	8·6 (3·0–25·7)	8·7 (3·4–23·8)	8·4 (3·2–22·2)	6·6 (2·6–18·9)	7·0 (2·6–19·7)
Chronic kidney diseases	21·9 (18·6–26·2)	28·9 (24·6–35·3)	35·3 (30·3–43·7)	38·9 (33·7–49·0)	40·5 (35·0–50·4)	45·8 (40·2–56·3)	89·1 (75·1–108·4)
Chronic kidney disease due to diabetes mellitus	6·0 (5·0–7·4)	9·2 (7·7–11·4)	12·8 (10·8–16·1)	12·7 (10·9–16·1)	11·5 (9·6–14·2)	11·0 (9·5–13·7)	18·1 (15·0–22·5)
Chronic kidney disease due to hypertension	5·0 (4·2–6·0)	6·3 (5·3–7·6)	7·3 (6·2–9·0)	8·7 (7·5–10·9)	9·6 (8·3–11·9)	11·5 (10·1–14·0)	23·5 (20·1–28·5)
Chronic kidney disease unspecified	10·9 (9·2–13·2)	13·4 (11·3–16·6)	15·2 (12·8–19·1)	17·6 (15·3–22·5)	19·4 (16·8–24·0)	23·3 (20·3–28·4)	47·5 (40·3–58·3)
Urinary diseases and male infertility	5·4 (3·6–6·9)	7·1 (4·8–9·0)	10·5 (7·1–13·2)	13·0 (8·9–16·3)	14·7 (10·5–18·5)	19·2 (14·0–23·9)	43·2 (32·1–56·6)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	2·9 (2·0–4·0)	3·7 (2·6–4·9)	5·7 (3·9–7·8)	7·2 (5·2–9·8)	8·2 (5·9–11·2)	11·6 (8·4–15·6)	29·6 (21·9–40·0)
Urolithiasis	0·9 (0·5–1·6)	1·3 (0·8–2·3)	1·8 (1·1–3·0)	2·1 (1·1–3·3)	2·2 (1·4–3·6)	2·7 (1·6–4·5)	4·4 (2·6–7·4)
Other urinary diseases	1·6 (1·0–2·1)	2·1 (1·3–2·7)	3·0 (1·9–3·9)	3·7 (2·4–4·9)	4·3 (2·8–5·6)	4·8 (3·3–6·4)	9·2 (6·6–12·5)
Gynecological diseases	0·3 (0·3–0·3)	0·3 (0·3–0·3)	0·3 (0·3–0·3)	0·3 (0·3–0·3)	0·3 (0·3–0·3)	0·3 (0·3–0·3)	0·6 (0·6–0·7)
Uterine fibroids	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·1–0·1)
Endometriosis	<0·05 (0·0–0·05)	–	–	–	–	–	–
Genital prolapse	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·0–0·1)
Other gynecological diseases	0·3 (0·2–0·3)	0·3 (0·2–0·3)	0·2 (0·2–0·2)	0·2 (0·2–0·3)	0·3 (0·2–0·3)	0·3 (0·3–0·3)	0·5 (0·5–0·5)
Hemoglobinopathies and hemolytic anemias	2·4 (1·7–4·0)	3·0 (2·1–5·4)	4·0 (2·7–6·5)	4·6 (3·2–7·0)	5·6 (3·8–8·8)	6·7 (4·4–10·7)	12·5 (8·2–19·2)
Thalassemias	0·7 (0·5–1·0)	0·6 (0·4–0·8)	0·4 (0·3–0·6)	0·2 (0·1–0·3)	0·1 (0·1–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Both Sexes, 50-54 Years	Both Sexes, 55-59 Years	Both Sexes, 60-64 Years	Both Sexes, 65-69 Years	Both Sexes, 70-74 Years	Both Sexes, 75-79 Years	Both Sexes, 80+ Years
Sickle cell disorders	0·5 (0·3–0·8)	0·5 (0·3–0·8)	0·5 (0·3–0·7)	0·4 (0·3–0·6)	0·3 (0·2–0·4)	0·2 (0·1–0·2)	0·1 (0·1–0·1)
G6PD deficiency	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·3)	0·3 (0·3–0·5)	0·6 (0·5–0·8)
Other hemoglobinopathies and hemolytic anemias	1·1 (0·5–2·0)	1·8 (1·0–3·3)	3·0 (1·7–5·0)	3·8 (2·2–6·0)	5·0 (2·8–8·0)	6·2 (3·5–10·1)	11·7 (7·1–18·0)
Other endocrine, nutritional, blood, and immune disorders	3·1 (1·5–4·5)	3·8 (1·9–5·6)	5·0 (2·4–7·5)	6·0 (3·1–8·9)	6·2 (3·0–9·1)	7·3 (3·8–10·5)	16·8 (8·2–25·1)
Musculoskeletal disorders	3·7 (2·3–4·8)	4·8 (3·1–6·3)	5·6 (3·8–7·6)	6·5 (4·3–8·7)	7·6 (4·7–10·0)	9·1 (5·9–11·8)	15·3 (9·8–20·9)
Rheumatoid arthritis	1·7 (1·2–2·4)	2·5 (1·7–3·5)	3·2 (2·1–4·3)	3·8 (2·6–5·1)	4·5 (2·9–6·2)	5·5 (3·5–7·5)	7·2 (4·9–10·0)
Other musculoskeletal disorders	1·9 (1·2–2·6)	2·3 (1·5–3·0)	2·5 (1·6–3·3)	2·7 (1·8–3·6)	3·1 (1·9–4·3)	3·6 (2·4–4·8)	8·1 (5·8–10·7)
Other non-communicable diseases	8·6 (6·8–10·7)	11·0 (8·6–13·5)	14·2 (10·6–17·6)	14·7 (11·2–18·1)	17·1 (13·2–20·7)	17·4 (13·6–21·1)	33·6 (26·8–40·1)
Congenital anomalies	4·3 (3·3–5·8)	6·0 (4·4–8·0)	8·0 (5·4–10·8)	8·3 (5·4–11·2)	9·1 (5·8–12·1)	8·3 (5·5–11·3)	14·1 (9·8–18·5)
Neural tube defects	0·4 (0·1–1·0)	0·7 (0·2–1·5)	0·7 (0·2–1·5)	0·8 (0·3–1·6)	0·9 (0·3–1·7)	0·7 (0·2–1·5)	0·7 (0·3–1·3)
Congenital heart anomalies	1·4 (1·0–1·9)	1·9 (1·4–2·7)	2·8 (1·8–4·0)	3·3 (2·2–4·6)	4·1 (2·5–6·1)	4·2 (2·7–6·1)	9·4 (6·3–13·3)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	0·5 (0·3–1·0)	0·6 (0·3–1·2)	0·6 (0·3–1·3)	0·3 (0·2–0·7)	0·1 (0·1–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Other chromosomal abnormalities	0·1 (0·0–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·4 (0·1–2·3)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·3)
Other congenital anomalies	1·8 (1·2–2·9)	2·6 (1·7–4·2)	3·7 (2·2–6·1)	3·5 (2·1–6·0)	3·9 (2·3–6·6)	3·3 (1·8–5·6)	3·9 (2·1–6·7)
Skin and subcutaneous diseases	4·3 (3·0–5·8)	4·9 (3·5–6·6)	6·1 (4·4–8·3)	6·4 (4·8–8·3)	8·1 (6·1–10·4)	9·1 (7·0–11·8)	19·5 (15·6–24·6)
Cellulitis	1·4 (1·0–2·0)	1·7 (1·2–2·3)	1·9 (1·4–2·6)	1·8 (1·3–2·3)	1·9 (1·4–2·5)	1·8 (1·4–2·3)	2·8 (2·2–3·4)
Abscess, impetigo, and other bacterial skin diseases	1·8 (1·2–2·4)	2·0 (1·4–2·6)	2·3 (1·7–3·1)	2·2 (1·7–2·9)	2·5 (1·9–3·2)	2·5 (1·9–3·2)	4·5 (3·6–5·6)
Decubitus ulcer	1·1 (0·7–1·4)	1·3 (0·9–1·7)	1·9 (1·4–2·5)	2·4 (1·8–3·1)	3·6 (2·8–4·7)	4·8 (3·7–6·1)	12·2 (9·8–15·1)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·0–0·0)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	205·5 (188·1–236·7)	180·1 (165·4–210·1)	170·0 (156·5–195·6)	145·3 (134·4–165·6)	127·0 (115·6–143·1)	124·4 (114·5–137·1)	212·6 (194·5–235·1)
Transport injuries	52·2 (38·7–64·8)	46·5 (34·6–58·2)	42·9 (31·9–53·1)	36·2 (28·3–43·9)	30·0 (23·6–35·8)	26·1 (20·5–30·8)	26·3 (20·1–31·2)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Road injury	49·5 (39·5–63·3)	44·2 (35·0–56·6)	40·8 (32·3–51·8)	34·6 (28·3–42·8)	28·8 (23·1–35·2)	25·0 (20·4–30·3)	25·2 (20·2–30·1)
Pedestrian injury by road vehicle	15·9 (10·8–21·0)	13·8 (9·1–17·8)	13·4 (9·6–17·2)	11·4 (8·5–14·4)	9·8 (7·2–12·2)	9·3 (7·1–11·6)	10·5 (7·9–12·8)
Pedal cycle vehicle	3·2 (2·3–4·4)	3·3 (2·3–4·4)	3·2 (2·3–4·4)	3·0 (2·1–3·9)	2·7 (1·8–3·5)	2·3 (1·7–2·9)	2·0 (1·4–2·5)
Motorized vehicle with two wheels	6·9 (4·2–10·3)	5·6 (3·4–8·6)	4·9 (2·9–7·5)	3·9 (2·4–5·5)	3·1 (1·9–4·3)	2·3 (1·4–3·2)	2·0 (1·1–2·8)
Motorized vehicle with three or more wheels	17·9 (13·3–22·6)	16·0 (11·8–20·1)	14·2 (10·5–18·4)	12·4 (9·2–15·4)	9·6 (7·0–12·2)	8·4 (6·3–10·8)	8·5 (6·2–10·6)
Road injury other	5·5 (2·0–12·3)	5·5 (2·1–11·7)	5·0 (2·1–10·3)	3·9 (1·6–8·2)	3·6 (1·4–7·6)	2·6 (1·1–5·4)	2·3 (0·8–4·6)
Other transport injury	2·8 (2·1–4·3)	2·3 (1·8–3·4)	2·1 (1·6–3·2)	1·6 (1·2–2·5)	1·2 (1·0–1·7)	1·1 (0·9–1·5)	1·1 (0·9–1·6)
Unintentional injuries other than transport injuries	83·7 (75·0–101·5)	74·7 (67·0–90·3)	73·5 (66·4–86·8)	65·4 (59·6–76·4)	62·2 (57·0–71·8)	69·1 (63·7–77·6)	153·1 (139·1–176·4)
Falls	15·4 (12·7–20·5)	15·2 (12·7–20·6)	17·2 (14·6–22·4)	18·0 (15·3–23·2)	20·4 (17·2–26·5)	28·7 (24·0–35·0)	87·9 (74·7–108·1)
Drowning	11·7 (9·6–15·8)	10·2 (8·3–13·2)	9·8 (8·1–12·4)	8·1 (6·8–10·2)	7·1 (5·7–8·9)	6·0 (5·0–7·5)	7·0 (5·5–8·8)
Fire, heat and hot substances	9·5 (7·4–12·7)	8·1 (6·3–11·2)	8·5 (6·7–11·4)	7·8 (6·1–10·3)	7·8 (5·9–10·0)	8·0 (6·1–10·6)	13·2 (10·3–17·6)
Poisonings	11·5 (8·6–19·6)	9·8 (7·3–16·9)	8·7 (6·3–14·9)	6·6 (4·9–11·0)	5·4 (4·2–8·8)	4·7 (3·6–7·2)	5·6 (4·3–8·4)
Exposure to mechanical forces	15·6 (10·7–26·8)	13·0 (9·0–21·2)	11·0 (7·6–17·7)	7·9 (5·3–13·1)	6·0 (4·0–9·5)	5·2 (3·6–8·2)	5·9 (3·9–9·3)
Mechanical forces (firearm)	6·1 (3·4–11·5)	5·0 (2·7–9·2)	3·9 (2·1–7·2)	3·1 (1·6–6·9)	2·6 (1·3–5·1)	2·0 (1·0–4·7)	2·2 (1·1–5·7)
Mechanical forces (other)	9·5 (6·5–14·9)	8·1 (5·4–13·3)	7·0 (4·7–11·4)	4·8 (3·2–8·3)	3·4 (2·2–5·6)	3·2 (2·1–5·7)	3·7 (2·3–6·9)
Adverse effects of medical treatment	1·7 (1·3–2·1)	2·1 (1·7–2·6)	2·5 (2·0–3·0)	2·9 (2·3–3·6)	2·7 (2·1–3·4)	3·1 (2·4–3·9)	5·3 (3·8–7·6)
Animal contact	3·7 (2·4–5·2)	3·2 (2·0–4·6)	3·2 (2·1–4·8)	2·6 (1·7–3·8)	2·5 (1·6–3·7)	2·1 (1·3–3·3)	2·2 (1·3–3·7)
Animal contact (venomous)	2·8 (1·3–4·8)	2·2 (1·1–4·1)	2·2 (1·1–3·6)	1·8 (0·9–2·9)	1·6 (0·8–2·8)	1·3 (0·7–2·4)	1·4 (0·6–2·5)
Animal contact (non-venomous)	0·9 (0·5–1·5)	0·9 (0·5–1·5)	1·0 (0·5–1·6)	0·8 (0·4–1·4)	0·8 (0·4–1·4)	0·8 (0·4–1·3)	0·8 (0·4–1·5)
Unintentional injuries not classified elsewhere	14·6 (11·5–17·3)	13·1 (10·7–15·2)	12·6 (10·2–14·8)	11·4 (9·3–13·1)	10·2 (8·5–11·9)	11·2 (9·2–12·9)	26·1 (21·0–29·3)
Self-harm and interpersonal violence	63·3 (51·3–81·4)	52·4 (42·5–69·6)	47·4 (37·5–63·3)	38·4 (29·0–50·5)	31·6 (23·9–41·3)	27·7 (20·9–35·4)	32·4 (23·8–41·6)
Self-harm	48·7 (37·4–66·5)	41·7 (31·4–58·1)	39·1 (29·8–54·0)	32·8 (23·8–45·4)	28·0 (20·2–37·5)	25·0 (18·3–32·4)	29·2 (20·8–38·7)
Interpersonal violence	14·6 (9·7–20·3)	10·7 (7·0–14·7)	8·3 (5·6–10·8)	5·6 (3·9–7·5)	3·7 (2·6–4·7)	2·8 (2·1–3·5)	3·2 (2·4–3·9)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Assault by firearm	5·2 (3·6–7·3)	3·7 (2·4–5·4)	2·7 (1·7–4·0)	1·6 (1·0–2·3)	1·0 (0·6–1·5)	0·6 (0·4–0·9)	0·7 (0·4–0·9)
Assault by sharp object	3·7 (2·3–5·5)	2·6 (1·5–3·8)	1·9 (1·2–2·8)	1·3 (0·8–1·8)	0·9 (0·5–1·2)	0·5 (0·3–0·8)	0·6 (0·4–0·9)
Assault by other means	5·7 (4·1–7·9)	4·3 (3·1–5·9)	3·6 (2·7–4·8)	2·7 (1·9–3·4)	1·8 (1·4–2·3)	1·6 (1·3–2·0)	1·9 (1·5–2·4)
Forces of nature, war, and legal intervention	6·2 (3·9–11·4)	6·4 (4·0–12·0)	6·2 (3·9–11·5)	5·3 (3·3–9·9)	3·2 (2·0–5·8)	1·5 (0·9–2·7)	0·8 (0·5–1·3)
Exposure to forces of nature	2·1 (1·1–4·3)	2·6 (1·4–5·3)	2·7 (1·5–5·5)	2·6 (1·4–5·2)	1·5 (0·8–3·0)	0·7 (0·4–1·4)	0·3 (0·1–0·6)
Collective violence and legal intervention	4·0 (2·6–7·0)	3·8 (2·5–6·5)	3·4 (2·2–5·8)	2·7 (1·8–4·5)	1·7 (1·1–2·8)	0·8 (0·5–1·3)	0·5 (0·3–0·8)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
All causes	24,966·0 (24,240·1–25,813·1)	1,840·9 (1,622·6–2,044·9)	715·2 (668·7–757·4)	1,934·6 (1,769·2–2,147·2)	1,926·8 (1,655·4–2,248·4)	382·2 (361·5–404·8)	232·4 (220·8–245·6)
Communicable, maternal, neonatal, and nutritional disorders	8,517·6 (7,991·8–9,167·0)	1,698·2 (1,466·2–1,901·3)	640·0 (588·0–689·8)	1,640·3 (1,486·5–1,862·5)	1,461·4 (1,224·6–1,774·9)	216·0 (192·4–247·1)	99·7 (87·6–113·5)
HIV/AIDS and tuberculosis	1,099·4 (944·3–1,341·7)	–	–	20·4 (15·2–28·3)	50·0 (37·1–69·8)	10·4 (7·8–15·0)	5·9 (4·5–8·2)
Tuberculosis	916·8 (768·3–1,157·5)	–	–	14·6 (9·7–21·8)	29·0 (17·5–48·1)	8·8 (6·2–13·5)	5·4 (4·1–7·7)
HIV/AIDS	182·6 (148·0–232·4)	–	–	5·8 (4·5–7·3)	20·9 (16·1–26·8)	1·6 (1·2–2·3)	0·4 (0·3–0·7)
HIV disease resulting in mycobacterial infection	30·6 (24·0–40·5)	–	–	1·2 (0·9–1·6)	4·4 (3·4–5·6)	0·3 (0·2–0·5)	0·1 (0·0–0·1)
HIV disease resulting in other specified or unspecified diseases	151·9 (124·1–192·9)	–	–	4·6 (3·5–6·0)	16·5 (12·6–21·3)	1·3 (1·0–1·8)	0·4 (0·3–0·6)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	4,079·6 (3,663·4–4,670·8)	217·1 (171·4–275·6)	312·9 (266·2–372·3)	1,211·6 (1,051·7–1,459·5)	978·6 (775·2–1,287·6)	144·5 (118·2–179·4)	60·4 (47·5–74·2)
Diarrheal diseases	1,260·3 (1,130·8–1,420·2)	35·0 (24·0–51·4)	87·1 (65·8–114·4)	438·3 (362·7–505·3)	331·9 (273·6–402·7)	43·5 (32·2–57·8)	16·2 (11·7–22·1)
Cholera	62·8 (45·6–84·4)	2·0 (1·1–3·6)	5·0 (2·7–8·4)	23·2 (14·3–35·4)	23·1 (15·9–32·7)	2·3 (1·4–3·7)	0·6 (0·4–1·1)
Other salmonella infections	69·6 (53·1–89·5)	1·4 (0·8–2·4)	3·6 (2·2–5·8)	19·6 (13·4–28·4)	17·9 (13·3–24·1)	3·8 (2·5–5·4)	2·0 (1·3–3·1)
Shigellosis	97·6 (75·9–121·2)	2·2 (1·3–3·6)	5·5 (3·4–8·6)	26·9 (18·3–37·9)	24·8 (18·3–32·6)	4·6 (3·0–6·8)	2·2 (1·4–3·5)
Enteropathogenic E coli infection	108·3 (79·1–142·8)	4·5 (2·5–7·7)	11·4 (7·0–18·5)	57·8 (40·5–79·8)	27·1 (19·4–36·3)	1·7 (1·1–2·7)	0·4 (0·2–0·6)
Enterotoxigenic E coli infection	92·9 (72·7–119·4)	2·0 (1·2–3·4)	5·1 (3·2–8·3)	26·5 (19·0–37·0)	20·8 (15·4–27·3)	3·0 (2·0–4·4)	1·3 (0·8–2·1)
Campylobacter enteritis	109·3 (83·9–136·8)	3·6 (2·1–6·1)	9·1 (5·8–14·2)	46·3 (33·4–62·0)	28·8 (21·3–38·4)	2·8 (1·8–4·3)	1·0 (0·6–1·6)
Amoebiasis	33·0 (25·6–41·6)	0·4 (0·2–0·8)	1·0 (0·5–1·8)	5·0 (2·8–8·0)	6·2 (4·3–8·6)	1·0 (0·7–1·5)	0·5 (0·3–0·7)
Cryptosporidiosis	118·0 (91·7–148·9)	4·7 (3·0–7·4)	11·2 (7·6–16·3)	57·2 (42·7–73·9)	36·0 (27·2–47·5)	2·3 (1·5–3·3)	0·4 (0·2–0·6)
Rotaviral enteritis	256·0 (203·7–317·7)	8·6 (5·2–13·8)	21·0 (13·9–30·1)	106·8 (80·8–136·6)	84·1 (64·0–109·6)	7·1 (4·7–10·3)	1·7 (1·1–2·5)
Other diarrheal diseases	312·8 (196·2–449·2)	5·6 (2·5–11·2)	14·1 (7·0–24·5)	69·1 (37·6–114·0)	63·1 (33·8–106·0)	14·9 (8·1–22·9)	6·1 (3·4–10·0)
Typhoid and paratyphoid fevers	79·8 (9·5–150·2)	–	–	4·2 (0·5–8·0)	14·9 (1·6–28·3)	12·9 (1·6–24·3)	8·6 (1·0–16·0)
Lower respiratory infections	1,816·2 (1,560·3–2,036·4)	122·3 (86·6–151·4)	127·4 (98·2–152·3)	498·3 (401·6–575·6)	338·5 (257·2–414·0)	35·4 (27·1–42·7)	16·3 (11·8–19·5)
Influenza	301·8 (254·8–341·3)	17·7 (11·7–23·4)	18·3 (12·9–23·8)	73·7 (55·9–92·0)	48·7 (36·4–61·2)	5·9 (4·3–7·3)	3·1 (2·2–3·8)
Pneumococcal pneumonia	397·8 (337·7–453·0)	18·2 (11·8–24·9)	18·7 (13·9–24·3)	74·3 (56·8–93·2)	79·5 (61·0–100·5)	6·9 (5·2–8·5)	2·5 (1·8–3·1)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
H influenzae type B pneumonia	330·5 (272·0–381·9)	28·2 (19·2–38·4)	29·1 (21·0–37·3)	116·3 (88·4–142·8)	75·6 (56·3–95·8)	7·2 (5·3–9·1)	3·0 (2·1–3·8)
Respiratory syncytial virus pneumonia	280·9 (221·6–337·6)	38·6 (26·9–50·1)	41·0 (30·8–52·0)	153·9 (121·7–187·0)	40·0 (30·4–49·6)	0·4 (0·3–0·4)	0·2 (0·1–0·2)
Other lower respiratory infections	505·2 (424·0–584·8)	19·6 (12·3–27·6)	20·3 (13·6–29·0)	80·2 (56·8–108·5)	94·7 (71·7–118·1)	15·0 (11·3–18·5)	7·5 (5·4–9·2)
Upper respiratory infections	2·1 (1·8–2·4)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·7 (0·5–0·8)	0·4 (0·3–0·5)	0·1 (0·1–0·1)	<0·05 (0·0–0·05)
Otitis media	2·7 (0·0–31·7)	<0·05 (0·0–0·4)	0·1 (0·0–1·5)	1·5 (0·0–17·7)	0·3 (0·0–2·9)	0·1 (0·0–0·7)	0·1 (0·0–0·6)
Meningitis	263·4 (228·8–338·7)	12·9 (8·5–19·3)	25·9 (18·0–36·6)	70·3 (54·3–97·9)	59·8 (44·2–92·6)	13·1 (8·8–20·0)	6·9 (5·0–9·8)
Pneumococcal meningitis	66·1 (56·7–86·2)	2·4 (1·5–3·8)	4·8 (3·2–7·2)	12·3 (9·0–17·4)	16·1 (11·8–25·0)	4·1 (2·7–6·4)	2·3 (1·6–3·4)
H influenzae type B meningitis	62·9 (51·4–84·3)	3·6 (2·3–5·6)	7·4 (4·8–11·0)	19·4 (14·4–27·0)	20·8 (15·0–32·2)	4·2 (2·7–6·6)	1·6 (1·1–2·4)
Meningococcal infection	41·7 (35·6–53·6)	1·5 (0·9–2·5)	2·9 (1·9–4·4)	7·4 (5·3–11·0)	11·6 (8·5–18·6)	2·8 (2·0–4·3)	1·5 (1·2–2·1)
Other meningitis	92·6 (78·0–115·8)	5·4 (3·6–7·8)	10·8 (7·4–15·3)	31·1 (23·7–43·2)	11·3 (8·5–16·9)	1·9 (1·3–2·9)	1·4 (1·1–2·0)
Encephalitis	73·8 (62·0–94·5)	3·3 (1·9–5·6)	7·7 (4·7–12·4)	16·9 (11·7–24·5)	14·3 (9·5–23·0)	5·0 (2·5–8·8)	2·6 (1·3–4·5)
Diphtheria	3·3 (0·0–28·0)	–	–	0·7 (0·0–6·1)	1·9 (0·0–16·5)	0·4 (0·0–3·3)	0·1 (0·0–0·8)
Whooping cough	86·1 (0·3–416·2)	–	–	69·0 (0·2–329·0)	15·1 (0·1–76·1)	0·8 (0·0–4·4)	0·2 (0·0–0·9)
Tetanus	154·3 (73·9–291·7)	43·3 (16·2–95·8)	64·3 (29·4–121·2)	20·9 (7·3–44·0)	2·8 (0·0–12·9)	2·6 (0·0–12·0)	1·5 (0·0–6·8)
Measles	331·9 (95·6–803·7)	–	–	89·4 (26·7–213·4)	197·2 (55·4–485·2)	30·4 (9·3–67·4)	7·8 (2·3–19·3)
Varicella	5·6 (0·0–37·8)	0·1 (0·0–0·7)	0·2 (0·0–1·4)	1·4 (0·0–9·1)	1·4 (0·0–9·7)	0·4 (0·0–2·4)	0·1 (0·0–1·0)
Neglected tropical diseases and malaria	661·1 (521·6–853·3)	0·3 (0·1–0·6)	14·1 (8·8–22·7)	108·6 (69·7–160·2)	217·8 (140·0–317·5)	33·5 (24·3–44·6)	20·5 (15·7–26·4)
Malaria	520·1 (389·2–706·0)	–	13·2 (7·9–22·0)	100·0 (61·1–150·0)	191·3 (116·5–288·8)	18·4 (11·9–26·9)	10·5 (6·9–15·2)
Chagas disease	5·7 (1·4–15·0)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Leishmaniasis	62·3 (33·9–106·1)	–	0·5 (0·2–1·1)	5·7 (2·1–12·5)	15·3 (6·6–31·6)	7·4 (3·5–13·8)	5·2 (2·8–8·9)
African trypanosomiasis	17·9 (5·2–39·0)	–	–	–	1·5 (0·3–3·1)	1·3 (0·4–2·9)	1·4 (0·4–2·9)
Schistosomiasis	4·1 (0·0–24·1)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·3)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)
Cysticercosis	0·4 (0·0–1·4)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Echinococcosis	0·9 (0·0–3·4)	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Dengue	5·5 (1·1–13·6)	–	–	0·7 (0·1–2·0)	1·4 (0·2–4·4)	0·6 (0·1–1·4)	0·3 (0·1–0·8)
Rabies	30·0 (14·9–57·5)	–	–	1·1 (0·3–2·3)	5·4 (1·6–15·6)	4·9 (2·0–9·8)	2·6 (1·2–5·3)
Intestinal nematode infections	1·9 (0·0–9·2)	–	–	0·2 (0·0–0·9)	1·2 (0·0–5·7)	0·3 (0·0–1·2)	0·1 (0·0–0·3)
Ascariasis	1·9 (0·0–9·2)	–	–	0·2 (0·0–0·9)	1·2 (0·0–5·7)	0·3 (0·0–1·2)	0·1 (0·0–0·3)
Other neglected tropical diseases	12·3 (6·0–17·4)	0·3 (0·1–0·6)	0·4 (0·1–0·8)	1·0 (0·4–2·3)	1·6 (0·4–4·0)	0·6 (0·2–1·3)	0·4 (0·1–0·7)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	1.809·4 (1,522·3–2,043·5)	1.424·0 (1,172·3–1,631·0)	288·3 (231·0–337·1)	92·9 (67·8–121·2)	4·3 (3·0–6·3)	–	–
Preterm birth complications	703·5 (542·7–833·5)	579·7 (443·3–699·7)	91·1 (64·2–114·9)	32·1 (21·6–43·2)	0·6 (0·3–0·9)	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	379·7 (284·8–501·5)	323·4 (240·8–426·9)	42·4 (30·1–61·7)	12·2 (8·3–17·5)	1·6 (0·7–3·1)	–	–
Sepsis and other infectious disorders of the newborn baby	317·0 (139·6–513·7)	236·0 (101·2–386·7)	65·7 (26·4–112·9)	14·9 (5·6–31·6)	0·4 (0·1–1·1)	–	–
Other neonatal disorders	409·2 (285·6–536·4)	284·9 (190·6–395·5)	89·0 (62·3–118·3)	33·6 (21·4–48·1)	1·6 (0·7–3·2)	–	–
Nutritional deficiencies	489·1 (416·2–575·2)	–	–	138·5 (109·2–175·0)	167·5 (129·3–215·9)	15·0 (10·2–22·8)	6·9 (4·8–10·5)
Protein-energy malnutrition	443·3 (328·6–529·6)	–	–	132·1 (97·2–169·8)	157·3 (116·8–209·1)	13·5 (8·7–21·0)	5·9 (3·8–9·4)
Iodine deficiency	1·0 (0·7–1·2)	–	–	0·2 (0·1–0·2)	0·1 (0·1–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Iron-deficiency anemia	39·4 (30·7–47·1)	–	–	5·2 (4·0–6·8)	9·7 (6·7–14·0)	1·3 (1·0–1·9)	1·0 (0·7–1·3)
Other nutritional deficiencies	5·4 (4·5–7·0)	–	–	0·9 (0·7–1·3)	0·4 (0·3–0·6)	0·1 (0·1–0·1)	0·1 (0·0–0·1)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Other communicable, maternal, neonatal, and nutritional disorders	379·0 (303·4–449·5)	56·9 (35·9–84·6)	24·8 (16·7–33·8)	68·4 (48·6–90·7)	43·3 (28·2–58·4)	12·5 (9·1–16·4)	6·0 (4·6–7·5)
Sexually transmitted diseases excluding HIV	108·1 (67·2–167·0)	46·6 (27·5–73·8)	12·1 (7·2–19·4)	31·5 (18·7–50·6)	7·7 (4·5–12·3)	2·3 (1·4–3·6)	0·2 (0·1–0·3)
Syphilis	108·1 (65·8–165·1)	46·6 (27·1–73·6)	12·1 (6·9–19·5)	31·5 (18·1–50·2)	7·7 (4·3–12·3)	2·3 (1·3–3·6)	0·2 (0·1–0·3)
Sexually transmitted chlamydial diseases	–	–	–	–	–	–	–
Gonococcal infection	–	–	–	–	–	–	–
Other sexually transmitted diseases	–	–	–	–	–	–	–
Hepatitis	118·4 (111·1–126·9)	–	–	9·2 (6·5–12·3)	9·8 (7·2–13·6)	4·1 (3·1–5·3)	2·8 (2·2–3·6)
Acute hepatitis A	54·7 (24·5–105·8)	–	–	6·7 (2·7–12·2)	5·6 (1·3–11·9)	1·6 (0·5–3·4)	1·1 (0·3–2·4)
Acute hepatitis B	45·1 (26·0–58·3)	–	–	2·5 (0·7–4·8)	1·5 (0·3–3·1)	0·6 (0·1–1·2)	0·3 (0·1–0·5)
Acute hepatitis C	4·4 (2·3–6·9)	–	–	–	–	0·1 (0·0–0·2)	<0·05 (0·0–0·1)
Acute hepatitis E	14·2 (7·1–24·8)	–	–	–	2·6 (1·2–4·8)	1·9 (0·9–3·5)	1·4 (0·7–2·4)
Other infectious diseases	152·4 (92·3–186·1)	10·3 (5·6–16·9)	12·7 (7·4–18·8)	27·7 (15·1–41·8)	25·9 (12·9–38·9)	6·1 (3·6–9·8)	3·0 (1·7–4·3)
Non-communicable diseases	13,746·1 (13,362·1–14,206·1)	130·6 (104·1–178·3)	63·6 (50·8–81·3)	211·6 (173·4–270·4)	214·6 (171·3–272·1)	70·1 (59·4–87·3)	55·3 (49·3–61·1)
Neoplasms	3,223·8 (2,944·2–3,570·7)	0·5 (0·3–0·7)	0·3 (0·2–0·5)	5·0 (3·7–6·7)	13·5 (8·6–18·7)	15·1 (11·3–18·1)	13·6 (10·6–15·7)
Esophageal cancer	221·8 (168·4–294·7)	–	–	–	–	–	–
Stomach cancer	476·9 (318·4–674·5)	–	–	–	–	–	–
Liver cancer	319·8 (248·4–367·8)	–	–	–	–	0·6 (0·4–0·9)	0·7 (0·3–1·0)
Liver cancer secondary to hepatitis B	157·9 (125·9–179·8)	–	–	–	–	0·2 (0·1–0·3)	0·3 (0·1–0·4)
Liver cancer secondary to hepatitis C	68·2 (53·3–78·6)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Liver cancer secondary to alcohol use	63·0 (48·6–71·9)	–	–	–	–	–	–
Other liver cancer	30·7 (23·2–35·2)	–	–	–	–	0·4 (0·3–0·6)	0·4 (0·2–0·5)
Larynx cancer	71·2 (33·6–123·0)	–	–	–	–	–	–
Trachea, bronchus and lung cancers	752·0 (560·3–1,006·0)	–	–	–	–	–	–

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Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Breast cancer	–	–	–	–	–	–	–
Cervical cancer	–	–	–	–	–	–	–
Uterine cancer	–	–	–	–	–	–	–
Prostate cancer	155·6 (88·8–239·6)	–	–	–	–	–	–
Colon and rectum cancers	244·1 (206·2–264·9)	–	–	–	–	–	–
Mouth cancer	50·5 (42·7–53·7)	–	–	–	–	–	–
Nasopharynx cancer	30·2 (18·2–44·0)	–	–	–	–	0·2 (0·1–0·3)	0·3 (0·2–0·6)
Cancer of other part of pharynx and oropharynx	52·2 (26·7–73·0)	–	–	–	–	–	–
Gallbladder and biliary tract cancer	36·2 (21·3–49·9)	–	–	–	–	–	–
Pancreatic cancer	105·5 (74·4–144·5)	–	–	–	–	–	–
Malignant melanoma of skin	16·6 (8·5–28·5)	–	–	–	–	–	–
Non-melanoma skin cancer	11·4 (5·4–20·7)	–	–	–	–	–	–
Ovarian cancer	–	–	–	–	–	–	–
Testicular cancer	6·5 (3·8–8·3)	–	–	–	–	–	–
Kidney and other urinary organ cancers	50·3 (32·3–70·1)	–	–	0·3 (0·1–0·5)	0·9 (0·4–1·4)	0·5 (0·2–0·9)	0·2 (0·1–0·6)
Bladder cancer	88·9 (66·4–113·8)	–	–	–	–	–	–
Brain and nervous system cancers	73·4 (39·1–110·6)	–	–	–	1·3 (0·4–4·1)	2·5 (1·2–3·7)	1·8 (0·9–2·7)
Thyroid cancer	8·3 (5·5–10·9)	–	–	–	–	–	0·1 (0·0–0·2)
Hodgkin's disease	11·2 (5·6–16·9)	0·1 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·1–0·5)	0·4 (0·2–0·8)	0·3 (0·2–0·5)
Non-Hodgkin's lymphoma	82·3 (66·5–90·4)	–	–	0·3 (0·2–0·7)	2·1 (1·0–4·0)	2·4 (1·3–4·0)	2·1 (1·2–3·4)
Multiple myeloma	24·8 (14·3–40·4)	–	–	–	–	–	–
Leukemia	119·0 (87·1–148·1)	–	–	2·4 (1·7–3·5)	5·9 (3·6–7·8)	6·1 (4·2–7·9)	5·4 (3·8–7·0)
Other neoplasms	215·3 (137·1–305·9)	0·4 (0·2–0·6)	0·3 (0·2–0·4)	2·0 (1·1–3·1)	3·1 (1·5–5·5)	2·4 (1·4–3·7)	2·7 (1·5–4·0)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Cardiovascular and circulatory diseases	5,749·8 (5,676·8–5,818·1)	6·6 (5·6–8·0)	5·6 (4·7–6·7)	25·0 (21·1–30·1)	24·2 (20·8–28·4)	10·0 (8·7–11·4)	10·6 (9·6–11·7)
Rheumatic heart disease	196·1 (169·1–242·1)	–	–	–	2·2 (1·0–4·2)	1·5 (1·0–2·3)	2·3 (1·7–3·1)
Ischemic heart disease	2,681·6 (2,545·9–2,997·1)	–	–	5·3 (3·3–7·7)	5·2 (3·2–6·9)	2·2 (1·6–2·7)	2·4 (1·7–2·8)
Cerebrovascular disease	2,116·6 (1,952·2–2,402·6)	2·8 (1·9–4·0)	2·4 (1·6–3·3)	7·7 (5·3–10·8)	6·8 (5·0–9·1)	3·2 (2·4–4·3)	3·2 (2·5–3·9)
Ischemic stroke	928·5 (811·1–1,137·8)	–	–	1·5 (1·0–2·2)	1·3 (0·9–1·6)	0·5 (0·4–0·7)	0·4 (0·3–0·6)
Hemorrhagic and other non-ischemic stroke	1,188·1 (958·4–1,493·1)	2·8 (1·8–4·6)	2·4 (1·5–4·1)	6·3 (3·9–9·7)	5·5 (3·5–8·2)	2·7 (1·8–3·9)	2·7 (2·0–3·6)
Hypertensive heart disease	245·4 (215·5–303·0)	–	–	0·6 (0·4–0·9)	0·6 (0·3–0·9)	0·3 (0·2–0·4)	0·3 (0·2–0·4)
Cardiomyopathy and myocarditis	166·0 (138·7–189·0)	1·6 (0·7–2·6)	1·7 (0·7–2·7)	4·6 (1·7–7·4)	5·2 (1·3–8·4)	1·4 (0·7–2·2)	1·3 (0·7–1·9)
Atrial fibrillation and flutter	12·3 (7·9–17·6)	–	–	–	–	–	–
Aortic aneurysm	76·3 (50·7–112·7)	–	–	–	–	–	–
Peripheral vascular disease	8·5 (3·7–16·6)	–	–	–	–	–	–
Endocarditis	18·6 (15·0–23·5)	0·2 (0·1–0·3)	0·2 (0·2–0·4)	1·3 (0·9–1·8)	1·0 (0·7–1·4)	0·3 (0·2–0·4)	0·2 (0·2–0·3)
Other cardiovascular and circulatory diseases	228·5 (219·3–236·4)	2·0 (1·3–2·8)	1·3 (0·8–2·1)	5·5 (3·1–8·7)	3·3 (1·4–6·1)	1·2 (0·8–1·6)	1·0 (0·8–1·3)
Chronic respiratory diseases	2,167·5 (2,109·9–2,229·1)	4·6 (3·5–6·6)	6·2 (4·8–8·6)	33·5 (27·8–39·9)	33·5 (28·6–39·1)	5·3 (4·5–6·3)	4·0 (3·4–4·6)
Chronic obstructive pulmonary disease	1,653·6 (1,472·4–1,883·9)	–	–	16·0 (10·7–22·5)	10·3 (7·1–13·8)	1·6 (1·1–2·2)	1·1 (0·8–1·5)
Pneumoconiosis	113·2 (39·9–238·1)	–	–	–	1·2 (0·2–3·3)	0·2 (0·1–0·6)	0·2 (0·0–0·4)
Asthma	213·1 (119·0–394·7)	–	–	–	11·0 (2·2–28·4)	2·1 (0·6–5·1)	1·8 (0·7–3·9)
Other interstitial lung disease	40·4 (24·9–62·1)	–	–	–	0·8 (0·1–2·2)	0·1 (0·0–0·3)	0·1 (0·0–0·2)
Other chronic respiratory diseases	147·1 (99·2–215·3)	4·6 (2·6–7·5)	6·2 (3·0–9·9)	17·5 (6·8–30·7)	10·3 (2·8–17·6)	1·2 (0·6–2·2)	0·8 (0·5–1·5)
Cirrhosis of the liver	503·9 (395·2–598·8)	–	–	–	8·6 (6·1–12·0)	1·8 (1·4–2·5)	1·6 (1·2–2·2)
Cirrhosis of the liver secondary to hepatitis B	151·8 (112·9–183·6)	–	–	–	0·6 (0·4–0·9)	0·3 (0·2–0·5)	0·4 (0·3–0·6)
Cirrhosis of the liver secondary to hepatitis C	114·3 (87·9–141·5)	–	–	–	0·2 (0·2–0·4)	0·2 (0·1–0·2)	0·2 (0·1–0·3)
Cirrhosis of the liver secondary to alcohol use	168·1 (130·9–208·9)	–	–	–	–	–	–

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Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Other cirrhosis of the liver	69·7 (53·5–87·7)	–	–	–	7·8 (5·7–11·7)	1·4 (1·0–1·9)	1·0 (0·7–1·4)
Digestive diseases (except cirrhosis)	524·3 (432·0–612·9)	–	–	–	34·9 (27·1–45·0)	5·6 (4·4–7·1)	4·2 (3·1–5·2)
Peptic ulcer disease	194·9 (149·3–209·5)	–	–	–	6·2 (4·2–8·9)	1·5 (1·1–2·0)	1·3 (0·9–1·6)
Gastritis and duodenitis	8·1 (5·0–11·7)	–	–	–	0·5 (0·1–1·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Appendicitis	22·2 (11·5–37·9)	–	–	–	5·1 (1·2–12·5)	0·9 (0·4–1·8)	0·6 (0·3–1·2)
Paralytic ileus and intestinal obstruction without hernia	63·0 (32·8–85·2)	–	–	–	8·4 (2·7–18·0)	1·1 (0·5–1·7)	0·7 (0·4–1·2)
Inguinal or femoral hernia	11·8 (11·6–12·0)	–	–	–	1·2 (1·1–1·3)	0·2 (0·2–0·2)	0·1 (0·1–0·1)
Noninfective inflammatory bowel disease	12·9 (8·0–17·7)	–	–	–	3·1 (0·6–6·9)	0·3 (0·1–0·5)	0·1 (0·1–0·3)
Vascular disorders of intestine	23·7 (5·0–69·7)	–	–	–	0·2 (0·0–0·7)	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Gall bladder and bile duct disease	30·9 (23·8–40·9)	–	–	–	1·7 (0·4–4·2)	0·3 (0·2–0·6)	0·2 (0·1–0·4)
Pancreatitis	30·9 (20·7–42·4)	–	–	–	0·5 (0·1–1·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Other digestive diseases	125·8 (89·2–145·7)	–	–	–	8·0 (4·1–14·7)	1·1 (0·6–1·7)	0·9 (0·5–1·4)
Neurological disorders	282·9 (211·1–344·3)	–	–	8·2 (5·1–16·0)	14·8 (6·6–34·5)	7·1 (4·4–11·3)	6·6 (4·3–9·8)
Alzheimer's disease and other dementias	48·2 (32·5–64·8)	–	–	–	–	0·9 (0·3–1·5)	0·4 (0·2–0·7)
Parkinson's disease	27·4 (18·5–42·3)	–	–	–	–	–	–
Epilepsy	71·6 (46·0–99·9)	–	–	3·3 (1·4–7·3)	9·6 (2·9–26·3)	3·2 (1·7–5·6)	2·9 (1·9–4·2)
Multiple sclerosis	6·9 (4·6–8·6)	–	–	–	–	–	–
Other neurological disorders	128·7 (70·6–194·6)	–	–	4·9 (2·8–11·0)	5·2 (2·8–13·4)	3·0 (1·6–5·9)	3·3 (1·7–6·2)
Mental and behavioral disorders	97·6 (60·5–149·4)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·4 (0·1–1·0)	1·2 (0·4–2·4)	0·4 (0·2–0·8)	0·3 (0·1–0·5)
Schizophrenia	11·0 (5·6–14·4)	–	–	–	–	–	–
Alcohol use disorders	59·6 (27·6–100·5)	–	–	–	–	–	–
Drug use disorders	17·8 (8·6–41·7)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·4 (0·1–1·0)	0·8 (0·2–1·9)	0·3 (0·1–0·7)	0·2 (0·1–0·4)
Opioid use disorders	6·1 (2·9–14·5)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·3)	0·3 (0·1–0·6)	0·1 (0·0–0·2)	0·1 (0·0–0·1)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Cocaine use disorders	0·8 (0·4–2·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Amphetamine use disorders	0·2 (0·1–0·4)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	10·7 (5·2–26·4)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·2 (0·1–0·7)	0·5 (0·1–1·2)	0·2 (0·1–0·4)	0·1 (0·0–0·3)
Eating disorders	2·4 (0·8–3·9)	–	–	–	–	0·1 (0·0–0·1)	<0·05 (0·0–0·1)
Other mental and behavioral disorders	6·7 (2·5–10·5)	–	–	–	0·4 (0·1–0·7)	0·1 (0·0–0·2)	0·1 (0·0–0·1)
Diabetes, urogenital, blood, and endocrine diseases	740·3 (658·6–959·9)	4·2 (2·0–8·9)	2·9 (1·6–3·9)	26·5 (16·9–46·9)	33·9 (16·4–68·5)	13·2 (7·5–31·0)	8·1 (6·0–13·3)
Diabetes mellitus	288·7 (242·6–351·3)	0·5 (0·3–0·8)	0·4 (0·2–0·5)	2·9 (1·4–4·5)	2·4 (1·1–3·4)	0·8 (0·6–1·1)	0·8 (0·5–1·0)
Acute glomerulonephritis	89·8 (31·6–288·8)	–	–	6·7 (1·3–25·3)	11·7 (1·3–43·7)	6·0 (1·1–24·1)	2·2 (0·5–7·6)
Chronic kidney diseases	210·2 (189·9–249·1)	–	–	5·5 (2·6–9·6)	6·4 (3·4–9·9)	2·2 (1·3–3·5)	1·9 (1·2–3·1)
Chronic kidney disease due to diabetes mellitus	44·3 (40·1–56·4)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Chronic kidney disease due to hypertension	49·5 (44·9–59·1)	–	–	0·7 (0·3–1·3)	0·8 (0·4–1·3)	0·3 (0·2–0·5)	0·3 (0·2–0·5)
Chronic kidney disease unspecified	116·4 (102·3–134·4)	–	–	4·8 (2·3–8·4)	5·6 (3·0–8·7)	1·9 (1·1–3·0)	1·6 (1·0–2·6)
Urinary diseases and male infertility	68·3 (37·2–90·7)	0·5 (0·2–0·9)	0·6 (0·2–1·2)	3·1 (1·1–6·8)	2·5 (0·8–4·5)	0·4 (0·2–0·7)	0·3 (0·2–0·5)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	37·1 (22·9–54·3)	0·2 (0·1–0·4)	0·3 (0·1–0·5)	1·4 (0·5–2·8)	1·0 (0·3–2·0)	0·2 (0·1–0·2)	0·2 (0·1–0·2)
Urolithiasis	9·5 (5·5–17·5)	–	–	–	–	0·1 (0·0–0·3)	0·1 (0·0–0·2)
Other urinary diseases	21·7 (10·5–30·9)	0·3 (0·1–0·7)	0·4 (0·1–0·8)	1·7 (0·3–4·9)	1·4 (0·3–3·0)	0·2 (0·1–0·3)	0·1 (0·0–0·2)
Gynecological diseases	–	–	–	–	–	–	–
Uterine fibroids	–	–	–	–	–	–	–
Endometriosis	–	–	–	–	–	–	–
Genital prolapse	–	–	–	–	–	–	–
Other gynecological diseases	–	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	50·2 (27·9–76·4)	2·4 (0·7–6·9)	1·3 (0·5–2·0)	5·4 (1·9–8·9)	8·8 (2·0–16·7)	2·9 (1·2–5·1)	2·3 (1·2–4·0)
Thalassemias	11·8 (8·6–17·4)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·8 (0·3–1·3)	2·1 (0·7–3·7)	1·2 (0·6–2·0)	1·1 (0·6–1·8)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Sickle cell disorders	10·9 (6·6–19·3)	0·1 (0·1–0·2)	0·2 (0·1–0·4)	1·7 (0·8–3·1)	3·8 (1·0–8·1)	1·1 (0·6–2·0)	0·7 (0·4–1·1)
G6PD deficiency	2·5 (1·9–3·3)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·1–0·3)	0·4 (0·1–0·7)	0·2 (0·1–0·4)	0·2 (0·1–0·3)
Other hemoglobinopathies and hemolytic anemias	25·1 (14·2–40·2)	2·2 (0·8–6·6)	1·0 (0·5–1·6)	2·9 (1·0–5·4)	2·5 (0·3–6·5)	0·4 (0·1–1·2)	0·4 (0·1–1·0)
Other endocrine, nutritional, blood, and immune disorders	33·0 (12·6–52·5)	0·8 (0·2–1·3)	0·6 (0·2–0·9)	2·9 (0·9–4·5)	2·1 (0·6–4·9)	0·7 (0·2–1·1)	0·6 (0·2–0·9)
Musculoskeletal disorders	24·1 (11·9–35·6)	–	–	–	–	0·3 (0·1–0·6)	0·3 (0·2–0·5)
Rheumatoid arthritis	13·1 (6·8–19·1)	–	–	–	–	0·2 (0·1–0·4)	0·1 (0·1–0·2)
Other musculoskeletal disorders	11·0 (5·5–17·1)	–	–	–	–	0·2 (0·1–0·3)	0·2 (0·1–0·3)
Other non-communicable diseases	431·9 (341·7–575·1)	114·7 (89·6–163·8)	48·4 (36·4–67·2)	113·0 (83·0–166·0)	50·0 (32·7–78·9)	11·2 (8·0–17·6)	6·0 (4·5–8·3)
Congenital anomalies	364·2 (280·6–514·3)	114·7 (89·6–163·8)	44·0 (33·8–63·3)	94·4 (67·0–145·2)	45·4 (29·0–73·8)	10·3 (7·2–16·4)	5·3 (3·9–7·6)
Neural tube defects	64·4 (34·2–97·4)	33·4 (17·1–53·5)	7·9 (3·9–13·1)	11·8 (5·3–21·7)	5·3 (2·1–10·7)	1·4 (0·5–3·5)	0·6 (0·3–1·4)
Congenital heart anomalies	155·5 (127·7–209·9)	41·6 (33·9–55·1)	19·2 (14·2–30·0)	39·8 (28·9–61·5)	21·5 (14·8–36·9)	5·0 (3·4–7·8)	2·9 (2·0–4·0)
Cleft lip and cleft palate	6·7 (2·2–14·5)	1·8 (0·6–3·7)	1·4 (0·4–3·2)	2·6 (0·8–6·9)	1·0 (0·3–3·0)	–	–
Down's syndrome	10·0 (4·2–20·0)	1·6 (0·6–3·4)	0·9 (0·3–1·9)	2·7 (0·9–6·3)	2·0 (0·5–5·4)	0·4 (0·1–0·8)	0·2 (0·1–0·4)
Other chromosomal abnormalities	16·1 (5·1–39·6)	6·3 (2·0–17·7)	2·9 (0·8–7·9)	4·1 (1·1–12·8)	1·2 (0·3–4·1)	0·3 (0·1–0·9)	0·2 (0·1–0·4)
Other congenital anomalies	111·5 (61·7–175·4)	30·0 (16·7–51·0)	11·7 (5·4–20·3)	33·4 (15·5–63·3)	14·4 (5·4–30·2)	3·2 (1·5–6·4)	1·4 (0·7–2·4)
Skin and subcutaneous diseases	51·1 (35·7–62·5)	–	–	6·3 (2·9–10·0)	4·6 (1·2–7·0)	1·0 (0·6–1·4)	0·7 (0·4–1·0)
Cellulitis	13·9 (9·7–16·9)	–	–	1·3 (0·6–2·0)	1·5 (0·4–2·3)	0·4 (0·2–0·6)	0·3 (0·2–0·4)
Abscess, impetigo, and other bacterial skin diseases	22·4 (15·4–28·2)	–	–	5·0 (2·3–8·0)	3·0 (0·8–4·5)	0·5 (0·3–0·7)	0·4 (0·2–0·5)
Decubitus ulcer	14·7 (10·2–18·3)	–	–	–	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other skin and subcutaneous diseases	0·2* (0·0–0·1)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	16·7 (7·3–33·9)	–	4·4 (1·3–11·0)	12·3 (5·9–26·9)	–	–	–
Injuries	2,702·4 (2,490·8–3,051·2)	12·1 (9·9–14·8)	11·6 (9·3–14·0)	82·7 (65·4–98·4)	250·8 (171·5–314·6)	96·0 (82·4–111·7)	77·4 (69·5–87·5)
Transport injuries	705·8 (546·9–937·9)	0·6 (0·4–0·9)	0·8 (0·4–1·3)	7·0 (4·1–10·0)	42·5 (27·2–66·3)	26·5 (19·7–34·4)	20·1 (15·2–25·7)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Road injury	669·7 (532·3–884·9)	0·5 (0·3–0·8)	0·5 (0·3–0·9)	6·5 (3·5–10·0)	39·5 (22·2–64·6)	25·2 (18·7–34·1)	18·9 (14·7–25·2)
Pedestrian injury by road vehicle	223·0 (151·8–275·4)	0·1 (0·1–0·3)	0·1 (0·0–0·2)	1·6 (0·6–3·3)	18·8 (6·6–35·2)	11·2 (7·6–15·9)	7·4 (5·1–10·1)
Pedal cycle vehicle	41·9 (30·3–50·0)	–	–	–	1·8 (0·5–3·2)	2·2 (1·0–3·5)	2·2 (1·3–3·3)
Motorized vehicle with two wheels	106·5 (77·3–134·5)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·6 (0·2–1·0)	3·5 (1·2–5·9)	2·3 (1·2–4·0)	2·0 (1·3–3·0)
Motorized vehicle with three or more wheels	240·5 (182·0–311·8)	0·3 (0·1–0·5)	0·3 (0·1–0·8)	3·5 (1·3–6·9)	11·8 (4·1–20·9)	7·2 (4·0–10·5)	5·6 (3·6–7·6)
Road injury other	57·7 (22·1–130·2)	0·1 (0·0–0·3)	0·1 (0·0–0·2)	0·9 (0·2–2·5)	3·5 (0·5–11·1)	2·3 (0·6–5·9)	1·8 (0·5–4·0)
Other transport injury	36·2 (30·6–48·9)	0·1 (0·1–0·2)	0·2 (0·1–0·5)	0·6 (0·2–0·9)	3·1 (0·6–4·5)	1·3 (0·6–2·4)	1·1 (0·8–2·0)
Unintentional injuries other than transport injuries	1,253·0 (1,146·7–1,440·4)	8·7 (6·9–11·1)	9·3 (7·3–11·7)	70·5 (55·4–84·6)	199·2 (134·2–250·1)	65·6 (55·9–78·0)	45·7 (39·9–52·6)
Falls	202·5 (171·8–261·6)	0·6 (0·4–0·8)	0·6 (0·4–1·1)	6·4 (3·8–11·0)	17·6 (8·6–27·5)	5·8 (4·0–7·6)	4·6 (3·2–6·1)
Drowning	289·6 (216·5–366·5)	0·6 (0·4–1·1)	0·3 (0·1–0·4)	6·3 (3·7–9·0)	89·2 (46·2–120·8)	30·2 (20·7–36·8)	18·8 (15·0–24·0)
Fire, heat and hot substances	126·2 (95·8–158·0)	0·4 (0·3–0·7)	0·8 (0·5–1·2)	8·2 (4·2–12·6)	33·1 (16·5–49·6)	6·2 (4·3–8·1)	2·9 (2·1–3·8)
Poisonings	131·0 (95·8–241·8)	0·6 (0·4–1·3)	1·0 (0·5–2·4)	4·5 (2·4–9·2)	16·6 (7·2–33·3)	3·6 (2·1–7·4)	2·8 (1·8–5·3)
Exposure to mechanical forces	188·4 (129·9–302·6)	0·4 (0·2–0·9)	0·4 (0·2–0·9)	2·6 (0·9–5·7)	14·8 (5·7–34·3)	8·0 (4·3–17·9)	7·0 (3·9–11·6)
Mechanical forces (firearm)	82·6 (49·9–112·3)	0·2 (0·1–0·5)	0·2 (0·1–0·4)	1·2 (0·5–2·5)	6·4 (1·9–15·4)	4·0 (1·6–9·7)	3·9 (1·9–6·8)
Mechanical forces (other)	105·8 (73·9–143·4)	0·1 (0·1–0·3)	0·2 (0·1–0·5)	1·4 (0·6–2·6)	8·5 (3·1–17·0)	4·0 (2·0–8·8)	3·1 (1·7–5·5)
Adverse effects of medical treatment	24·8 (21·0–28·5)	0·8 (0·5–1·2)	0·9 (0·5–1·4)	2·6 (1·3–4·2)	2·7 (0·9–4·5)	0·5 (0·4–0·7)	0·4 (0·3–0·5)
Animal contact	38·8 (22·2–53·0)	0·7 (0·2–2·0)	0·6 (0·3–1·3)	1·7 (0·8–3·5)	4·1 (1·8–10·6)	3·8 (1·7–6·1)	2·7 (1·2–4·2)
Animal contact (venomous)	29·5 (12·6–58·6)	0·3 (0·1–1·1)	0·4 (0·1–1·0)	1·4 (0·5–3·6)	3·2 (1·1–9·4)	3·1 (1·0–6·5)	2·2 (0·7–4·1)
Animal contact (non-venomous)	9·4 (4·7–13·4)	0·4 (0·1–1·2)	0·3 (0·1–0·6)	0·3 (0·1–0·7)	0·9 (0·2–2·2)	0·6 (0·2–1·2)	0·5 (0·2–0·9)
Unintentional injuries not classified elsewhere	251·6 (206·9–271·8)	4·6 (3·2–6·6)	4·6 (3·3–6·6)	38·1 (28·7–50·7)	21·1 (16·8–26·6)	7·5 (5·9–9·5)	6·6 (5·1–8·2)
Self-harm and interpersonal violence	683·6 (552·4–824·7)	1·5 (0·7–2·2)	0·6 (0·2–1·1)	2·5 (1·4–3·9)	5·7 (2·9–8·7)	3·0 (2·0–4·0)	8·3 (6·4–11·5)
Self-harm	412·0 (300·9–559·3)	–	–	–	–	0·7 (0·4–1·1)	4·7 (3·4–7·5)
Interpersonal violence	271·6 (179·6–351·7)	1·5 (0·7–2·2)	0·6 (0·2–1·1)	2·5 (1·4–3·9)	5·7 (2·9–8·7)	2·3 (1·3–3·2)	3·6 (2·3–5·0)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Males, All Ages**	**Males, 0-6 Days**	**Males, 7-27 Days**	**Males, 28-364 Days**	**Males, 1-4 Years**	**Males, 5-9 Years**	**Males, 10-14 Years**
Assault by firearm	123·6 (92·1–155·6)	0·3 (0·1–0·4)	0·1 (0·0–0·2)	0·6 (0·3–1·0)	1·4 (0·5–2·4)	0·8 (0·4–1·1)	1·6 (1·0–2·3)
Assault by sharp object	67·9 (40·6–104·0)	0·1 (0·1–0·3)	<0·05 (0·0–0·1)	0·3 (0·1–0·6)	0·6 (0·2–1·5)	0·3 (0·1–0·6)	0·6 (0·3–1·0)
Assault by other means	80·2 (53·7–93·7)	1·1 (0·6–2·0)	0·5 (0·2–1·0)	1·7 (1·0–3·0)	3·6 (1·6–6·5)	1·3 (0·8–1·9)	1·4 (0·9–1·8)
Forces of nature, war, and legal intervention	59·9 (36·5–124·8)	1·2 (0·9–1·6)	0·9 (0·7–1·1)	2·7 (2·1–3·4)	3·3 (2·6–4·5)	0·9 (0·7–1·2)	3·3 (1·8–7·8)
Exposure to forces of nature	20·1 (10·6–45·1)	0·4 (0·2–0·5)	0·3 (0·2–0·3)	0·9 (0·7–1·3)	0·7 (0·4–1·0)	0·3 (0·2–0·4)	1·0 (0·4–2·7)
Collective violence and legal intervention	39·8 (24·8–77·5)	0·9 (0·7–1·2)	0·6 (0·5–0·8)	1·7 (1·4–2·2)	2·7 (2·1–3·5)	0·7 (0·5–0·8)	2·3 (1·3–5·1)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Males, 15-19 Years**	**Males, 20-24 Years**	**Males, 25-29 Years**	**Males, 30-34 Years**	**Males, 35-39 Years**	**Males, 40-44 Years**	**Males, 45-49 Years**
All causes	398·5 (376·1–426·0)	545·0 (514·0–582·6)	544·4 (516·5–579·7)	576·2 (545·7–613·4)	667·0 (623·7–718·9)	711·0 (665·7–760·8)	845·1 (792·2–909·3)
Communicable, maternal, neonatal, and nutritional disorders	102·0 (88·7–115·8)	128·0 (113·7–144·3)	146·2 (131·2–165·4)	162·6 (146·3–186·4)	178·0 (157·8–204·7)	168·6 (147·7–195·9)	182·9 (156·6–215·9)
HIV/AIDS and tuberculosis	15·4 (11·7–19·9)	36·6 (30·2–45·6)	61·2 (51·5–74·9)	77·5 (65·7–96·2)	89·6 (72·8–109·8)	82·1 (66·3–100·8)	87·5 (67·6–110·5)
Tuberculosis	13·8 (10·2–18·3)	27·8 (21·6–35·6)	39·2 (30·7–50·3)	49·0 (39·0–64·0)	60·3 (45·3–77·4)	58·8 (44·3–76·0)	69·6 (50·9–89·1)
HIV/AIDS	1·6 (1·1–2·5)	8·8 (6·3–12·5)	22·1 (16·9–28·8)	28·5 (22·3–37·1)	29·3 (22·8–37·8)	23·3 (17·6–30·8)	18·0 (12·2–24·9)
HIV disease resulting in mycobacterial infection	0·3 (0·2–0·5)	1·6 (1·1–2·4)	3·7 (2·7–5·0)	4·5 (3·2–6·2)	4·6 (3·4–6·2)	3·6 (2·5–5·1)	2·8 (1·7–4·2)
HIV disease resulting in other specified or unspecified diseases	1·3 (0·9–2·1)	7·2 (5·0–10·2)	18·3 (14·1–24·2)	24·0 (18·8–30·9)	24·6 (19·1–31·3)	19·7 (15·0–25·9)	15·1 (10·4–20·8)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	50·3 (39·9–61·8)	50·3 (40·1–60·7)	47·9 (39·5–58·2)	48·9 (40·3–59·0)	50·7 (42·8–61·4)	49·2 (41·5–59·8)	54·7 (46·1–67·0)
Diarrheal diseases	14·2 (9·8–21·1)	15·4 (10·8–22·7)	16·4 (12·1–22·4)	17·3 (12·9–23·2)	18·3 (13·8–25·6)	17·1 (12·3–23·9)	18·9 (13·7–27·1)
Cholera	0·6 (0·3–1·0)	0·6 (0·4–1·1)	0·6 (0·4–1·1)	0·7 (0·4–1·0)	0·7 (0·4–1·2)	0·6 (0·4–1·1)	0·6 (0·3–1·0)
Other salmonella infections	1·7 (1·0–2·8)	1·7 (1·1–2·7)	1·7 (1·1–2·6)	1·6 (1·1–2·4)	1·6 (1·0–2·5)	1·4 (0·8–2·2)	1·4 (0·9–2·3)
Shigellosis	1·8 (1·1–3·1)	1·9 (1·2–3·1)	1·9 (1·2–2·9)	1·8 (1·2–2·7)	1·7 (1·1–2·6)	1·5 (0·9–2·4)	1·7 (1·1–2·6)
Enteropathogenic E coli infection	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·4)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·1 (0·1–0·3)	0·2 (0·1–0·3)
Enterotoxigenic E coli infection	1·3 (0·8–2·1)	1·5 (1·0–2·5)	1·7 (1·1–2·6)	2·0 (1·3–2·9)	2·2 (1·4–3·5)	2·2 (1·4–3·5)	2·4 (1·5–3·6)
Campylobacter enteritis	0·8 (0·5–1·5)	0·9 (0·5–1·5)	0·9 (0·6–1·5)	0·9 (0·6–1·4)	0·9 (0·6–1·5)	0·9 (0·5–1·5)	1·0 (0·6–1·6)
Amoebiasis	0·5 (0·3–0·8)	0·6 (0·4–0·9)	0·7 (0·5–1·1)	0·8 (0·6–1·2)	1·0 (0·6–1·5)	1·0 (0·6–1·6)	1·2 (0·7–1·8)
Cryptosporidiosis	0·3 (0·2–0·6)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·4 (0·2–0·6)
Rotaviral enteritis	1·4 (0·8–2·3)	1·4 (0·9–2·3)	1·4 (0·9–2·1)	1·3 (0·9–1·9)	1·3 (0·8–2·0)	1·2 (0·7–1·9)	1·4 (0·9–2·2)
Other diarrheal diseases	5·5 (3·0–9·4)	6·2 (3·3–10·5)	6·8 (4·0–11·0)	7·5 (4·4–11·9)	8·2 (4·9–13·3)	7·8 (4·6–12·6)	8·7 (5·0–14·5)
Typhoid and paratyphoid fevers	8·1 (1·0–15·2)	7·2 (0·8–13·6)	5·7 (0·7–10·8)	4·5 (0·5–8·5)	3·5 (0·4–6·5)	2·4 (0·3–4·6)	1·8 (0·2–3·5)
Lower respiratory infections	14·1 (10·2–16·8)	15·7 (11·3–18·9)	16·2 (11·6–19·6)	18·3 (13·2–21·9)	20·3 (15·4–24·6)	21·2 (15·5–26·2)	26·1 (19·9–32·5)
Influenza	2·8 (2·0–3·5)	3·3 (2·4–4·0)	3·5 (2·5–4·3)	4·2 (3·0–5·1)	4·9 (3·7–5·9)	5·1 (3·7–6·4)	6·1 (4·7–7·7)
Pneumococcal pneumonia	2·5 (1·8–3·1)	3·2 (2·3–3·8)	3·6 (2·6–4·3)	4·5 (3·2–5·4)	5·4 (4·1–6·6)	6·0 (4·4–7·4)	7·4 (5·6–9·2)
H influenzae type B pneumonia	2·7 (1·9–3·3)	2·9 (2·1–3·5)	2·8 (2·0–3·5)	3·2 (2·3–3·8)	3·5 (2·7–4·3)	3·5 (2·6–4·5)	4·0 (3·0–5·0)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Respiratory syncytial virus pneumonia	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·2–0·2)	0·2 (0·2–0·3)	0·3 (0·2–0·3)
Other lower respiratory infections	5·9 (4·3–7·3)	6·2 (4·4–7·6)	6·0 (4·3–7·4)	6·3 (4·6–7·7)	6·4 (4·8–8·0)	6·4 (4·6–8·0)	8·4 (6·2–10·4)
Upper respiratory infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Otitis media	0·1 (0·0–0·7)	<0·05 (0·0–0·5)	<0·05 (0·0–0·4)	<0·05 (0·0–0·5)	<0·05 (0·0–0·5)	<0·05 (0·0–0·5)	0·1 (0·0–0·6)
Meningitis	7·1 (5·7–8·9)	6·9 (5·1–9·0)	5·8 (4·3–7·6)	5·2 (3·9–6·9)	5·1 (4·0–6·9)	5·0 (3·8–6·8)	4·5 (3·5–6·1)
Pneumococcal meningitis	2·4 (1·9–3·1)	2·4 (1·8–3·2)	2·1 (1·6–2·9)	1·9 (1·4–2·6)	1·8 (1·3–2·5)	1·7 (1·3–2·4)	1·5 (1·1–2·1)
H influenzae type B meningitis	1·1 (0·8–1·4)	0·5 (0·4–0·7)	0·2 (0·2–0·3)	0·2 (0·2–0·3)	0·2 (0·2–0·4)	0·3 (0·2–0·4)	0·3 (0·2–0·4)
Meningococcal infection	1·6 (1·3–2·0)	1·5 (1·1–2·0)	1·3 (1·0–1·7)	1·1 (0·8–1·4)	1·0 (0·8–1·4)	1·0 (0·8–1·3)	0·9 (0·7–1·2)
Other meningitis	2·0 (1·7–2·6)	2·3 (1·7–3·1)	2·1 (1·6–2·8)	2·0 (1·5–2·6)	2·0 (1·6–2·7)	2·0 (1·5–2·7)	1·8 (1·4–2·4)
Encephalitis	2·1 (1·3–3·4)	2·1 (1·3–3·6)	1·8 (1·1–3·2)	1·7 (1·0–3·1)	1·6 (0·8–2·7)	1·7 (1·0–3·0)	1·3 (0·7–2·4)
Diphtheria	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)
Whooping cough	0·1 (0·0–0·5)	0·1 (0·0–0·4)	0·1 (0·0–0·4)	0·1 (0·0–0·4)	0·1 (0·0–0·4)	0·1 (0·0–0·4)	0·1 (0·0–0·5)
Tetanus	1·0 (0·0–4·8)	1·0 (0·0–4·9)	1·0 (0·0–4·7)	1·2 (0·0–5·4)	1·3 (0·0–6·2)	1·3 (0·0–6·3)	1·6 (0·0–7·6)
Measles	3·4 (1·0–8·4)	1·6 (0·5–4·2)	0·8 (0·2–1·9)	0·4 (0·1–1·1)	0·3 (0·1–0·7)	0·2 (0·1–0·5)	0·2 (0·0–0·4)
Varicella	0·1 (0·0–0·7)	0·1 (0·0–0·7)	0·1 (0·0–0·9)	0·2 (0·0–1·1)	0·1 (0·0–0·9)	0·1 (0·0–0·6)	0·1 (0·0–0·6)
Neglected tropical diseases and malaria	22·4 (16·3–31·0)	25·0 (18·2–34·3)	21·9 (16·1–31·4)	19·6 (13·7–32·0)	19·4 (14·2–30·1)	18·6 (13·3–29·3)	19·1 (13·5–32·3)
Malaria	13·9 (8·8–21·7)	16·3 (10·4–25·2)	14·1 (9·2–23·5)	12·5 (7·2–24·9)	12·6 (7·8–23·5)	12·4 (7·9–23·1)	13·4 (8·5–26·2)
Chagas disease	<0·05 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·2 (0·0–0·6)	0·3 (0·0–0·8)	0·4 (0·1–1·1)	0·5 (0·1–1·3)
Leishmaniasis	4·3 (2·1–7·8)	3·8 (2·0–6·5)	3·0 (1·6–5·1)	2·6 (1·3–4·5)	2·6 (1·3–4·5)	2·2 (1·1–3·8)	1·9 (1·0–3·4)
African trypanosomiasis	2·0 (0·6–4·3)	2·4 (0·7–5·2)	2·4 (0·8–5·3)	2·1 (0·6–4·7)	1·6 (0·5–3·6)	1·2 (0·4–2·8)	0·9 (0·2–1·9)
Schistosomiasis	0·1 (0·0–0·5)	0·1 (0·0–0·7)	0·1 (0·0–0·8)	0·1 (0·0–0·8)	0·2 (0·0–1·2)	0·3 (0·0–1·4)	0·3 (0·0–1·8)
Cysticercosis	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Echinococcosis	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Dengue	0·3 (0·1–0·7)	0·2 (0·0–0·6)	0·2 (0·0–0·5)	0·3 (0·0–0·8)	0·2 (0·0–0·5)	0·1 (0·0–0·4)	0·2 (0·0–0·4)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Males, 15-19 Years**	**Males, 20-24 Years**	**Males, 25-29 Years**	**Males, 30-34 Years**	**Males, 35-39 Years**	**Males, 40-44 Years**	**Males, 45-49 Years**
Rabies	1·4 (0·6–2·8)	1·5 (0·6–3·2)	1·3 (0·6–3·0)	1·2 (0·5–2·6)	1·2 (0·5–2·6)	1·3 (0·6–2·8)	1·2 (0·6–2·5)
Intestinal nematode infections	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)
Ascariasis	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)
Other neglected tropical diseases	0·4 (0·1–0·7)	0·6 (0·2–1·1)	0·6 (0·2–1·0)	0·5 (0·2–1·0)	0·6 (0·3–1·1)	0·6 (0·2–1·1)	0·6 (0·2–1·2)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	6·3 (4·3–9·8)	7·0 (4·8–11·0)	6·3 (4·7–8·8)	6·5 (4·5–9·9)	7·3 (5·0–11·0)	7·3 (4·9–11·6)	8·2 (5·5–13·1)
Protein-energy malnutrition	4·9 (3·0–8·0)	5·5 (3·4–9·4)	5·0 (3·3–7·6)	5·2 (3·3–8·7)	6·0 (3·6–9·8)	6·0 (3·5–10·3)	6·8 (4·1–11·6)
Iodine deficiency	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Iron-deficiency anemia	1·2 (0·8–1·7)	1·4 (0·9–1·8)	1·2 (0·9–1·5)	1·1 (0·8–1·5)	1·1 (0·7–1·5)	1·1 (0·7–1·4)	1·2 (0·8–1·5)
Other nutritional deficiencies	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·2)
Other communicable, maternal, neonatal, and nutritional disorders	7·5 (6·0–9·4)	9·1 (7·4–10·9)	8·9 (7·1–10·6)	10·1 (7·8–12·3)	11·0 (8·7–14·1)	11·4 (9·3–13·5)	13·3 (10·7–16·7)
Sexually transmitted diseases excluding HIV	0·3 (0·2–0·6)	0·4 (0·2–0·7)	0·4 (0·2–0·7)	0·5 (0·3–0·9)	0·6 (0·2–1·0)	0·6 (0·2–1·1)	0·5 (0·2–0·9)
Syphilis	0·3 (0·1–0·6)	0·4 (0·2–0·7)	0·4 (0·2–0·7)	0·5 (0·2–0·9)	0·6 (0·2–1·0)	0·6 (0·2–1·1)	0·5 (0·2–0·8)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Sexually transmitted chlamydial diseases	–	–	–	–	–	–	–
Gonococcal infection	–	–	–	–	–	–	–
Other sexually transmitted diseases	–	–	–	–	–	–	–
Hepatitis	4·0 (3·1–5·1)	5·4 (4·3–6·8)	5·2 (4·3–6·4)	5·8 (4·6–7·5)	6·6 (5·1–8·3)	7·4 (5·9–9·0)	8·8 (6·7–11·4)
Acute hepatitis A	1·2 (0·3–3·3)	1·8 (0·4–4·7)	1·8 (0·5–4·4)	2·3 (0·6–5·5)	2·5 (0·7–5·8)	2·9 (1·0–6·5)	3·5 (1·0–8·4)
Acute hepatitis B	0·7 (0·3–1·2)	1·3 (0·6–2·2)	1·7 (0·8–2·9)	2·2 (1·0–3·5)	3·1 (1·7–4·7)	3·7 (1·9–5·6)	4·7 (2·4–7·1)
Acute hepatitis C	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·1–0·5)	0·4 (0·2–0·8)	0·5 (0·2–0·8)
Acute hepatitis E	2·0 (1·0–3·5)	2·2 (1·0–3·9)	1·5 (0·7–2·7)	1·2 (0·5–2·2)	0·7 (0·3–1·4)	0·3 (0·1–0·8)	0·1 (0·0–0·3)
Other infectious diseases	3·2 (1·8–4·7)	3·3 (1·8–4·4)	3·2 (1·8–4·5)	3·7 (2·0–5·2)	3·9 (2·1–5·9)	3·5 (1·9–5·0)	4·1 (2·2–6·0)
Non-communicable diseases	96·1 (87·6–105·1)	128·4 (118·4–140·2)	143·7 (133·6–153·8)	192·2 (178·4–204·8)	282·8 (263·7–300·9)	376·2 (349·2–401·0)	518·4 (484·1–550·5)
Neoplasms	23·6 (19·0–27·0)	28·2 (23·4–31·8)	31·7 (26·1–35·5)	45·9 (38·1–51·0)	73·4 (62·3–82·6)	104·8 (90·1–117·2)	154·0 (133·3–172·3)
Esophageal cancer	0·1 (0·1–0·1)	0·3 (0·2–0·5)	0·6 (0·3–0·8)	1·1 (0·6–1·6)	2·8 (1·5–4·0)	6·1 (3·8–9·1)	11·4 (7·4–16·0)
Stomach cancer	1·1 (0·4–2·1)	1·9 (0·8–3·2)	3·1 (1·6–4·2)	5·7 (3·2–7·3)	9·9 (5·9–13·1)	14·9 (9·5–19·7)	22·4 (14·3–31·9)
Liver cancer	1·3 (0·7–1·9)	2·8 (1·4–4·1)	4·8 (2·6–6·5)	9·0 (4·9–11·9)	16·9 (10·1–21·8)	21·3 (13·2–26·9)	27·6 (17·5–34·3)
Liver cancer secondary to hepatitis B	0·6 (0·4–1·0)	1·4 (0·7–2·1)	2·4 (1·3–3·3)	4·6 (2·4–6·3)	8·7 (5·1–11·2)	11·1 (6·8–14·4)	14·4 (8·9–18·0)
Liver cancer secondary to hepatitis C	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·4 (0·2–0·5)	1·0 (0·6–1·2)	2·1 (1·3–2·5)	3·8 (2·4–4·6)
Liver cancer secondary to alcohol use	0·1 (0·0–0·1)	0·4 (0·2–0·6)	0·9 (0·5–1·3)	2·1 (1·1–2·7)	4·0 (2·4–5·3)	4·7 (3·0–6·1)	5·8 (3·7–7·3)
Other liver cancer	0·6 (0·3–0·8)	0·9 (0·5–1·3)	1·3 (0·7–1·7)	2·0 (1·1–2·7)	3·2 (2·0–4·2)	3·4 (2·2–4·4)	3·7 (2·4–4·6)
Larynx cancer	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·3 (0·1–0·5)	0·8 (0·3–1·4)	2·2 (0·9–3·6)	4·1 (1·8–7·2)
Trachea, bronchus and lung cancers	0·6 (0·3–0·8)	1·2 (0·7–1·6)	1·9 (1·2–2·5)	3·8 (2·5–5·0)	8·4 (5·6–11·3)	16·5 (11·3–21·8)	29·6 (20·0–39·6)
Breast cancer	–	–	–	–	–	–	–
Cervical cancer	–	–	–	–	–	–	–
Uterine cancer	–	–	–	–	–	–	–
Prostate cancer	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·4)	0·5 (0·3–0·8)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Colon and rectum cancers	0·6 (0·4–0·7)	1·4 (0·9–1·7)	2·2 (1·4–2·6)	3·5 (2·3–4·1)	4·9 (3·5–5·6)	6·5 (4·9–7·1)	9·4 (7·6–10·4)
Mouth cancer	0·2 (0·1–0·3)	0·3 (0·1–0·3)	0·4 (0·3–0·5)	0·7 (0·5–0·9)	1·4 (1·1–1·7)	2·4 (1·9–2·8)	4·0 (3·3–4·6)
Nasopharynx cancer	0·4 (0·2–0·6)	0·5 (0·3–0·9)	0·7 (0·3–1·0)	0·9 (0·4–1·5)	1·8 (0·8–2·8)	2·6 (1·3–4·1)	3·3 (1·6–5·3)
Cancer of other part of pharynx and oropharynx	0·2 (0·1–0·3)	0·3 (0·1–0·5)	0·5 (0·2–0·8)	0·7 (0·3–1·2)	1·2 (0·5–1·8)	2·1 (1·1–2·9)	3·3 (1·7–4·4)
Gallbladder and biliary tract cancer	0·1 (0·0–0·3)	0·2 (0·0–0·8)	0·2 (0·0–0·9)	0·4 (0·1–1·3)	0·7 (0·3–1·5)	0·8 (0·4–1·4)	1·2 (0·6–1·8)
Pancreatic cancer	0·2 (0·1–0·4)	0·3 (0·1–0·6)	0·4 (0·2–0·7)	0·8 (0·4–1·1)	1·5 (0·9–2·1)	2·8 (1·8–3·6)	4·6 (3·0–6·4)
Malignant melanoma of skin	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·5)	0·6 (0·3–0·9)	0·8 (0·4–1·3)	1·0 (0·5–1·6)	1·1 (0·5–1·7)
Non-melanoma skin cancer	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·1–0·5)	0·3 (0·1–0·6)	0·4 (0·2–0·8)
Ovarian cancer	–	–	–	–	–	–	–
Testicular cancer	0·3 (0·2–0·5)	0·7 (0·4–1·0)	0·8 (0·5–1·2)	0·8 (0·4–1·1)	0·6 (0·4–0·9)	0·4 (0·3–0·6)	0·4 (0·2–0·5)
Kidney and other urinary organ cancers	0·3 (0·1–0·7)	0·2 (0·1–0·6)	0·2 (0·1–0·5)	0·3 (0·2–0·5)	0·7 (0·4–1·1)	1·2 (0·8–1·7)	2·3 (1·4–3·3)
Bladder cancer	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·4 (0·2–0·6)	0·7 (0·4–0·8)	1·2 (0·7–1·4)	1·9 (1·3–2·3)
Brain and nervous system cancers	1·7 (0·8–2·7)	1·8 (0·8–2·6)	2·1 (1·0–3·1)	2·9 (1·4–4·0)	3·9 (1·9–5·9)	4·3 (2·1–6·5)	5·1 (2·6–8·1)
Thyroid cancer	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·1)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·4 (0·3–0·6)
Hodgkin's disease	0·4 (0·2–0·7)	0·6 (0·3–0·9)	0·7 (0·3–1·1)	0·8 (0·4–1·2)	0·7 (0·4–1·1)	0·6 (0·3–1·0)	0·7 (0·3–1·1)
Non-Hodgkin's lymphoma	2·6 (1·6–3·6)	2·5 (1·7–3·3)	2·2 (1·5–2·9)	2·5 (1·7–3·0)	2·7 (1·9–3·2)	3·2 (2·3–3·8)	3·9 (3·0–4·6)
Multiple myeloma	0·2 (0·0–0·5)	0·1 (0·1–0·3)	0·1 (0·0–0·3)	0·1 (0·1–0·3)	0·3 (0·1–0·5)	0·5 (0·3–0·9)	0·8 (0·4–1·3)
Leukemia	7·5 (5·2–9·3)	6·8 (4·5–8·7)	5·3 (3·7–6·3)	4·9 (3·2–5·8)	5·1 (3·4–6·2)	4·9 (3·1–5·7)	4·7 (3·1–5·5)
Other neoplasms	5·4 (3·0–8·0)	5·3 (3·0–7·4)	4·6 (2·7–6·5)	5·2 (2·8–7·5)	7·1 (3·8–10·2)	8·4 (4·9–12·4)	10·8 (6·1–15·4)
Cardiovascular and circulatory diseases	22·5 (20·9–24·3)	35·4 (32·8–38·1)	41·4 (39·0–43·9)	60·2 (57·0–63·6)	91·1 (86·8–95·5)	133·0 (127·4–139·2)	187·5 (179·0–197·2)
Rheumatic heart disease	4·4 (3·4–5·6)	5·6 (4·1–7·0)	5·9 (4·6–7·7)	6·8 (5·4–9·0)	9·0 (7·2–11·4)	10·1 (7·8–13·0)	12·6 (9·8–16·5)
Ischemic heart disease	6·7 (5·1–7·7)	12·7 (10·5–14·6)	15·6 (13·2–17·3)	26·9 (22·9–29·9)	42·9 (38·7–49·6)	66·9 (61·6–75·4)	93·6 (86·7–106·1)
Cerebrovascular disease	5·6 (4·7–7·1)	9·3 (7·6–11·8)	10·5 (8·7–12·9)	15·2 (12·8–19·3)	23·1 (20·4–29·3)	34·9 (31·1–43·6)	54·8 (47·9–69·3)
Ischemic stroke	0·7 (0·6–1·0)	1·2 (0·9–1·6)	1·4 (1·0–1·8)	2·0 (1·6–2·6)	2·7 (2·2–3·7)	4·9 (4·0–6·8)	9·3 (7·4–13·2)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Hemorrhagic and other non-ischemic stroke	4·9 (3·5–6·4)	8·1 (5·9–10·9)	9·1 (6·9–11·7)	13·2 (10·2–17·2)	20·4 (16·0–27·4)	30·0 (23·5–38·9)	45·6 (36·2–60·2)
Hypertensive heart disease	0·7 (0·5–0·9)	1·1 (0·8–1·4)	1·3 (1·0–1·7)	1·9 (1·5–2·4)	3·2 (2·5–4·2)	5·0 (4·0–6·5)	7·6 (6·3–9·9)
Cardiomyopathy and myocarditis	2·6 (1·6–3·8)	3·2 (2·2–4·4)	3·7 (2·6–5·0)	4·5 (3·4–5·7)	6·3 (4·8–7·7)	8·5 (6·4–10·9)	9·5 (7·4–11·4)
Atrial fibrillation and flutter	–	–	–	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·1–0·2)
Aortic aneurysm	0·2 (0·1–0·5)	0·3 (0·2–0·6)	0·4 (0·2–0·7)	0·6 (0·3–1·0)	0·8 (0·5–1·6)	1·2 (0·7–2·0)	1·8 (1·1–3·0)
Peripheral vascular disease	–	–	–	–	–	0·1 (0·0–0·2)	0·1 (0·1–0·3)
Endocarditis	0·5 (0·3–0·7)	0·7 (0·4–1·1)	1·1 (0·5–2·2)	0·9 (0·5–1·6)	1·2 (0·6–2·1)	1·1 (0·6–1·9)	0·9 (0·6–1·3)
Other cardiovascular and circulatory diseases	1·9 (1·6–2·2)	2·5 (2·1–2·9)	2·9 (2·6–3·4)	3·4 (3·0–3·9)	4·6 (4·1–5·1)	5·0 (4·6–5·6)	6·4 (5·8–7·1)
Chronic respiratory diseases	6·9 (6·2–7·7)	9·5 (8·6–10·5)	11·1 (10·1–12·3)	13·1 (12·0–14·2)	21·3 (19·1–23·8)	28·2 (25·4–31·3)	45·9 (40·3–52·4)
Chronic obstructive pulmonary disease	2·4 (1·7–3·5)	3·8 (2·6–5·1)	4·2 (2·8–5·9)	5·9 (4·0–7·7)	10·6 (7·7–14·0)	16·3 (12·1–20·6)	28·5 (22·1–36·0)
Pneumoconiosis	0·3 (0·1–0·8)	0·4 (0·1–1·0)	0·6 (0·1–1·3)	0·8 (0·2–2·0)	1·4 (0·4–3·4)	1·8 (0·5–4·1)	2·9 (0·8–6·5)
Asthma	2·6 (1·3–4·8)	3·2 (1·6–5·9)	3·7 (2·0–7·0)	3·7 (2·0–7·1)	5·3 (2·6–10·3)	5·9 (3·1–11·4)	9·0 (4·4–18·5)
Other interstitial lung disease	0·2 (0·1–0·3)	0·3 (0·1–0·4)	0·3 (0·2–0·6)	0·4 (0·2–0·7)	0·7 (0·4–1·1)	0·8 (0·5–1·4)	1·2 (0·7–2·2)
Other chronic respiratory diseases	1·4 (0·9–2·2)	1·9 (1·2–3·0)	2·2 (1·5–3·8)	2·2 (1·6–3·6)	3·2 (2·2–5·7)	3·5 (2·2–5·6)	4·3 (2·8–7·3)
Cirrhosis of the liver	2·8 (1·7–3·6)	5·7 (3·5–7·4)	9·0 (6·4–10·8)	17·6 (12·7–21·3)	28·7 (21·2–35·7)	38·6 (29·0–45·9)	47·1 (36·6–59·3)
Cirrhosis of the liver secondary to hepatitis B	0·8 (0·5–1·1)	1·6 (0·9–2·1)	2·3 (1·6–2·9)	4·2 (2·8–5·2)	7·0 (5·0–8·9)	10·3 (7·3–12·5)	13·7 (10·0–17·4)
Cirrhosis of the liver secondary to hepatitis C	0·4 (0·2–0·5)	0·7 (0·5–0·9)	1·1 (0·8–1·4)	2·2 (1·5–2·7)	3·9 (2·9–5·0)	6·4 (4·8–7·8)	9·1 (6·8–11·7)
Cirrhosis of the liver secondary to alcohol use	0·2 (0·2–0·3)	1·3 (0·8–1·7)	3·0 (2·1–3·7)	7·0 (5·0–8·5)	11·9 (8·7–15·1)	15·1 (11·4–18·6)	17·3 (13·3–22·5)
Other cirrhosis of the liver	1·4 (0·8–1·7)	2·1 (1·3–2·6)	2·6 (1·9–3·3)	4·2 (3·0–5·2)	5·9 (4·4–7·4)	6·8 (5·1–8·5)	7·0 (5·3–9·0)
Digestive diseases (except cirrhosis)	7·9 (5·8–9·9)	11·7 (8·8–14·3)	12·8 (9·8–15·5)	16·4 (12·8–19·5)	21·5 (16·7–25·9)	23·3 (18·1–28·7)	28·1 (22·1–34·4)
Peptic ulcer disease	3·2 (2·2–4·2)	4·6 (3·2–5·6)	5·3 (4·0–6·5)	6·8 (4·8–8·2)	9·1 (6·4–10·8)	9·9 (7·5–11·8)	12·5 (9·1–14·8)
Gastritis and duodenitis	0·1 (0·0–0·2)	0·3 (0·1–0·6)	0·2 (0·1–0·4)	0·3 (0·1–0·5)	0·3 (0·2–0·6)	0·4 (0·2–0·6)	0·4 (0·2–0·6)
Appendicitis	0·7 (0·3–1·2)	0·7 (0·3–1·2)	0·7 (0·3–1·2)	0·7 (0·3–1·3)	0·8 (0·4–1·4)	0·8 (0·4–1·4)	0·9 (0·4–1·5)
Paralytic ileus and intestinal obstruction without hernia	1·1 (0·5–1·7)	1·4 (0·7–2·2)	1·4 (0·7–2·2)	1·7 (0·9–2·6)	2·2 (1·1–3·5)	2·3 (1·1–3·8)	2·5 (1·2–3·9)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Inguinal or femoral hernia	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·2 (0·2–0·2)	0·2 (0·2–0·2)	0·3 (0·3–0·3)	0·4 (0·4–0·4)
Noninfective inflammatory bowel disease	0·2 (0·1–0·3)	0·4 (0·2–0·7)	0·4 (0·2–0·5)	0·4 (0·3–0·6)	0·4 (0·3–0·6)	0·4 (0·3–0·6)	0·5 (0·3–0·7)
Vascular disorders of intestine	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·2 (0·0–0·5)	0·2 (0·0–0·6)	0·2 (0·0–0·7)	0·4 (0·1–1·2)	0·6 (0·1–1·8)
Gall bladder and bile duct disease	0·3 (0·2–0·7)	0·6 (0·3–1·1)	0·5 (0·3–0·9)	0·7 (0·4–1·3)	0·9 (0·5–1·5)	1·0 (0·6–1·7)	1·1 (0·8–1·7)
Pancreatitis	0·4 (0·2–0·6)	0·7 (0·5–1·1)	1·3 (0·8–1·9)	1·9 (1·2–2·7)	2·5 (1·6–3·4)	2·5 (1·6–3·6)	2·5 (1·6–3·5)
Other digestive diseases	1·7 (1·0–2·7)	2·8 (1·8–4·3)	2·8 (1·7–4·2)	3·5 (2·2–5·2)	4·9 (3·1–7·3)	5·5 (3·2–8·5)	6·9 (4·4–10·4)
Neurological disorders	11·4 (7·5–16·0)	12·4 (8·4–17·4)	10·6 (7·2–14·2)	10·5 (7·3–15·4)	11·3 (8·1–16·3)	11·1 (7·7–16·0)	12·0 (8·2–17·4)
Alzheimer's disease and other dementias	0·4 (0·2–0·7)	0·4 (0·2–0·7)	0·3 (0·2–0·5)	0·4 (0·2–0·7)	0·6 (0·3–1·1)	0·5 (0·3–0·9)	0·8 (0·4–1·4)
Parkinson's disease	–	0·1 (0·0–0·3)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)
Epilepsy	5·2 (3·2–7·1)	6·3 (4·0–8·4)	5·6 (3·5–7·7)	4·9 (3·2–6·5)	4·7 (3·1–6·4)	4·1 (2·7–5·6)	3·6 (2·3–4·9)
Multiple sclerosis	–	0·1 (0·1–0·2)	0·3 (0·2–0·5)	0·3 (0·2–0·6)	0·6 (0·4–1·2)	0·6 (0·4–1·0)	0·7 (0·4–1·1)
Other neurological disorders	5·9 (2·9–10·6)	5·4 (2·7–9·9)	4·4 (2·3–7·5)	4·7 (2·3–9·2)	5·3 (2·8–10·0)	5·7 (3·0–10·8)	6·8 (3·6–12·4)
Mental and behavioral disorders	1·4 (0·8–2·3)	3·5 (1·9–5·8)	6·4 (3·8–9·9)	7·9 (4·6–12·1)	10·3 (6·0–16·1)	10·2 (5·8–16·0)	9·6 (5·4–15·0)
Schizophrenia	–	–	1·1 (0·4–2·0)	0·9 (0·4–1·6)	1·6 (0·6–3·2)	1·2 (0·5–2·2)	0·9 (0·5–1·6)
Alcohol use disorders	0·3 (0·1–0·5)	0·9 (0·4–1·6)	2·0 (0·8–3·3)	3·9 (1·5–6·4)	6·1 (2·5–10·2)	7·1 (3·1–11·5)	7·3 (3·1–12·4)
Drug use disorders	0·7 (0·3–1·7)	2·0 (0·8–4·1)	2·9 (1·3–6·3)	2·7 (1·2–6·8)	2·1 (0·9–5·8)	1·5 (0·6–4·1)	0·9 (0·4–2·0)
Opioid use disorders	0·3 (0·1–0·6)	0·8 (0·3–1·6)	1·1 (0·5–2·2)	0·9 (0·4–2·2)	0·6 (0·3–1·6)	0·4 (0·2–1·1)	0·3 (0·1–0·6)
Cocaine use disorders	<0·05 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·2)	<0·05 (0·0–0·1)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·4 (0·2–1·0)	1·1 (0·5–2·5)	1·6 (0·7–3·6)	1·6 (0·7–4·0)	1·3 (0·5–3·6)	0·9 (0·4–2·5)	0·6 (0·3–1·3)
Eating disorders	0·2 (0·0–0·3)	0·3 (0·1–0·6)	0·2 (0·1–0·5)	0·2 (0·1–0·4)	0·2 (0·0–0·3)	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Other mental and behavioral disorders	0·2 (0·0–0·3)	0·3 (0·1–0·5)	0·2 (0·1–0·5)	0·3 (0·1–0·6)	0·3 (0·1–0·7)	0·3 (0·1–0·5)	0·3 (0·1–0·7)
Diabetes, urogenital, blood, and endocrine diseases	12·2 (9·3–18·2)	15·6 (12·5–22·6)	15·4 (12·6–23·2)	16·9 (13·7–25·8)	20·4 (16·8–31·0)	22·9 (18·7–34·5)	29·3 (24·8–41·1)
Diabetes mellitus	1·6 (1·1–2·3)	2·8 (1·9–3·9)	3·3 (2·2–3·9)	4·5 (3·1–5·3)	6·1 (4·6–7·4)	7·9 (6·2–9·5)	11·7 (10·0–14·5)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Acute glomerulonephritis	3·4 (0·9–9·7)	3·0 (0·9–10·3)	3·3 (0·8–11·3)	3·3 (0·9–12·4)	3·9 (1·0–15·2)	4·2 (0·9–15·8)	4·2 (1·1–15·3)
Chronic kidney diseases	3·5 (2·8–4·4)	5·8 (4·5–7·4)	5·2 (4·3–6·4)	5·7 (4·6–7·0)	6·7 (5·6–8·2)	7·1 (6·1–8·7)	9·2 (7·8–11·4)
Chronic kidney disease due to diabetes mellitus	<0·05 (0·0–0·05)	0·2 (0·2–0·3)	0·4 (0·3–0·5)	0·6 (0·5–0·8)	1·0 (0·8–1·3)	1·3 (1·1–1·6)	2·0 (1·7–2·6)
Chronic kidney disease due to hypertension	0·6 (0·4–0·7)	1·0 (0·8–1·4)	1·0 (0·8–1·3)	1·2 (1·0–1·5)	1·6 (1·3–2·0)	1·8 (1·5–2·3)	2·3 (1·9–2·8)
Chronic kidney disease unspecified	2·9 (2·3–3·6)	4·5 (3·5–5·8)	3·8 (3·1–4·6)	3·8 (3·1–4·7)	4·1 (3·4–5·1)	4·0 (3·4–4·9)	4·8 (4·1–6·1)
Urinary diseases and male infertility	0·6 (0·3–0·8)	1·0 (0·4–1·5)	1·0 (0·5–1·4)	1·1 (0·5–1·5)	1·5 (0·7–2·1)	1·5 (0·8–2·1)	2·0 (1·0–3·1)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	0·3 (0·1–0·4)	0·5 (0·2–0·9)	0·5 (0·3–0·7)	0·6 (0·3–0·9)	0·7 (0·4–1·0)	0·7 (0·4–1·1)	1·0 (0·5–1·6)
Urolithiasis	0·1 (0·0–0·1)	0·1 (0·1–0·4)	0·1 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·1–0·6)	0·3 (0·2–0·6)	0·4 (0·2–0·8)
Other urinary diseases	0·2 (0·1–0·3)	0·3 (0·1–0·5)	0·4 (0·2–0·5)	0·4 (0·2–0·6)	0·5 (0·2–0·7)	0·5 (0·2–0·7)	0·7 (0·3–1·1)
Gynecological diseases	–	–	–	–	–	–	–
Uterine fibroids	–	–	–	–	–	–	–
Endometriosis	–	–	–	–	–	–	–
Genital prolapse	–	–	–	–	–	–	–
Other gynecological diseases	–	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	2·4 (1·5–4·2)	2·2 (1·4–4·0)	1·7 (1·1–3·1)	1·4 (0·9–2·4)	1·2 (0·7–2·2)	1·1 (0·7–2·1)	1·1 (0·7–1·9)
Thalassemias	1·3 (0·8–2·1)	1·2 (0·8–1·9)	0·9 (0·5–1·4)	0·7 (0·4–1·2)	0·6 (0·3–1·0)	0·5 (0·3–0·8)	0·4 (0·3–0·6)
Sickle cell disorders	0·5 (0·3–0·9)	0·4 (0·3–0·8)	0·4 (0·2–0·7)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·2 (0·1–0·4)	0·2 (0·1–0·4)
G6PD deficiency	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other hemoglobinopathies and hemolytic anemias	0·4 (0·1–1·2)	0·5 (0·2–1·0)	0·4 (0·1–0·9)	0·3 (0·1–0·8)	0·3 (0·1–0·8)	0·3 (0·1–0·9)	0·4 (0·1–0·9)
Other endocrine, nutritional, blood, and immune disorders	0·8 (0·3–1·3)	0·9 (0·3–1·3)	0·8 (0·3–1·4)	0·9 (0·3–1·7)	1·0 (0·3–1·6)	1·1 (0·4–1·9)	1·2 (0·4–2·0)
Musculoskeletal disorders	0·7 (0·3–1·1)	0·8 (0·4–1·2)	0·6 (0·3–1·0)	0·6 (0·3–1·0)	0·8 (0·4–1·3)	0·8 (0·4–1·3)	1·0 (0·5–1·5)
Rheumatoid arthritis	0·3 (0·1–0·5)	0·3 (0·2–0·6)	0·2 (0·1–0·4)	0·3 (0·1–0·5)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·5 (0·3–0·9)
Other musculoskeletal disorders	0·4 (0·2–0·8)	0·4 (0·2–0·7)	0·4 (0·2–0·6)	0·3 (0·2–0·5)	0·5 (0·2–0·8)	0·4 (0·2–0·7)	0·5 (0·2–0·8)
Other non-communicable diseases	6·7 (4·9–8·7)	5·8 (4·4–7·6)	4·7 (3·5–6·4)	3·2 (2·5–4·1)	3·9 (2·9–5·3)	3·4 (2·6–4·4)	3·9 (2·9–5·2)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Congenital anomalies	5·8 (4·1–7·9)	4·5 (3·3–6·5)	3·6 (2·5–5·3)	1·9 (1·4–2·6)	2·1 (1·5–2·9)	1·7 (1·3–2·4)	2·0 (1·4–3·0)
Neural tube defects	0·4 (0·2–1·0)	0·3 (0·1–0·7)	0·3 (0·1–0·7)	0·1 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·4)
Congenital heart anomalies	4·0 (2·7–5·3)	3·1 (2·2–4·2)	2·2 (1·6–3·1)	1·2 (0·8–1·6)	1·2 (0·8–1·5)	0·8 (0·6–1·1)	0·8 (0·6–1·1)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	0·2 (0·1–0·3)	0·2 (0·1–0·5)	0·2 (0·1–0·4)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·4)
Other chromosomal abnormalities	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Other congenital anomalies	1·0 (0·7–1·6)	0·8 (0·5–1·3)	0·7 (0·5–1·2)	0·4 (0·3–0·6)	0·6 (0·3–1·0)	0·6 (0·3–1·0)	0·7 (0·4–1·4)
Skin and subcutaneous diseases	0·9 (0·6–1·3)	1·2 (0·7–1·9)	1·2 (0·7–1·7)	1·3 (0·8–1·9)	1·9 (1·1–3·1)	1·7 (1·1–2·5)	1·9 (1·1–2·9)
Cellulitis	0·3 (0·2–0·4)	0·4 (0·2–0·5)	0·3 (0·2–0·5)	0·4 (0·3–0·6)	0·6 (0·4–1·1)	0·6 (0·4–0·9)	0·7 (0·4–1·1)
Abscess, impetigo, and other bacterial skin diseases	0·4 (0·3–0·6)	0·5 (0·3–0·8)	0·5 (0·3–0·7)	0·6 (0·4–0·8)	0·8 (0·4–1·2)	0·7 (0·4–1·0)	0·8 (0·5–1·2)
Decubitus ulcer	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·5 (0·3–0·8)	0·4 (0·3–0·6)	0·4 (0·3–0·7)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	200·4 (184·2–225·0)	288·6 (261·5–328·0)	254·5 (227·5–287·3)	221·4 (198·0–253·2)	206·3 (180·6–241·6)	166·2 (145·9–197·0)	143·8 (127·5–167·9)
Transport injuries	63·7 (51·9–83·9)	89·3 (70·0–119·1)	77·2 (57·8–101·2)	62·9 (46·3–83·5)	58·2 (40·0–79·4)	45·5 (31·7–62·0)	39·4 (28·2–53·0)
Road injury	61·0 (50·1–79·6)	85·0 (68·9–114·7)	73·5 (57·5–96·1)	59·5 (44·3–80·7)	55·3 (39·7–74·9)	43·0 (30·3–59·3)	37·3 (27·4–52·8)
Pedestrian injury by road vehicle	17·6 (11·2–23·7)	23·2 (13·9–32·8)	21·9 (13·8–29·5)	18·7 (11·2–25·4)	18·1 (11·0–24·7)	14·6 (8·6–20·2)	12·3 (7·5–17·0)
Pedal cycle vehicle	3·8 (2·7–5·2)	4·1 (2·7–5·7)	3·6 (2·4–5·0)	2·9 (2·0–4·1)	2·7 (1·8–3·8)	2·3 (1·5–3·2)	2·3 (1·5–3·3)
Motorized vehicle with two wheels	12·6 (9·6–16·1)	17·8 (12·5–24·4)	13·7 (9·5–18·7)	9·7 (6·8–13·5)	9·2 (5·6–14·3)	6·7 (4·2–10·4)	6·1 (3·4–9·9)
Motorized vehicle with three or more wheels	22·0 (16·6–28·8)	33·5 (23·8–43·9)	28·1 (20·8–37·3)	22·8 (16·1–30·2)	20·4 (14·3–28·1)	15·8 (11·0–21·9)	13·3 (8·9–17·7)
Road injury other	5·0 (1·5–14·4)	6·3 (2·0–21·6)	6·3 (1·8–19·1)	5·3 (1·6–16·9)	4·8 (1·4–15·9)	3·7 (1·0–13·6)	3·3 (0·9–11·0)
Other transport injury	2·7 (2·0–4·3)	4·3 (3·0–6·1)	3·7 (2·7–6·0)	3·4 (2·4–5·0)	2·9 (2·1–4·3)	2·5 (1·8–3·9)	2·1 (1·6–3·1)
Unintentional injuries other than transport injuries	78·0 (67·6–91·4)	101·0 (87·7–120·0)	86·1 (75·7–102·9)	78·0 (68·6–95·1)	76·1 (65·5–95·9)	63·4 (55·0–80·2)	56·4 (49·2–70·8)
Falls	7·5 (5·4–10·7)	11·3 (8·3–16·3)	10·5 (7·4–16·3)	10·1 (7·8–14·1)	11·1 (8·5–16·8)	10·5 (8·0–15·7)	10·4 (8·1–14·4)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Males, 15-19 Years**	**Males, 20-24 Years**	**Males, 25-29 Years**	**Males, 30-34 Years**	**Males, 35-39 Years**	**Males, 40-44 Years**	**Males, 45-49 Years**
Drowning	26·3 (19·6–34·4)	23·0 (16·7–31·3)	16·1 (12·3–21·9)	13·2 (10·3–18·4)	11·8 (9·2–16·2)	9·4 (7·1–13·0)	8·1 (6·1–11·4)
Fire, heat and hot substances	5·4 (3·6–7·7)	8·4 (5·7–12·5)	7·6 (5·4–10·6)	7·3 (5·2–10·3)	7·3 (5·0–10·7)	6·0 (4·1–8·7)	4·5 (3·1–6·5)
Poisonings	6·8 (4·6–12·5)	11·8 (7·6–22·9)	11·0 (7·5–20·5)	10·9 (7·6–20·9)	11·1 (6·9–23·2)	9·4 (6·0–19·1)	7·7 (5·3–15·1)
Exposure to mechanical forces	14·6 (8·2–21·5)	20·8 (12·6–30·8)	19·1 (11·2–30·5)	17·4 (11·6–28·3)	16·5 (10·5–28·4)	13·2 (8·8–22·9)	11·8 (7·5–20·0)
Mechanical forces (firearm)	8·4 (4·5–13·5)	11·0 (6·6–16·8)	8·5 (5·0–14·0)	7·6 (4·2–12·0)	6·8 (3·3–11·9)	5·2 (2·7–8·9)	4·6 (2·4–8·1)
Mechanical forces (other)	6·3 (3·4–10·6)	9·8 (5·6–16·1)	10·6 (6·3–17·4)	9·8 (6·0–16·4)	9·7 (6·0–16·5)	8·1 (4·9–14·2)	7·2 (4·4–12·8)
Adverse effects of medical treatment	0·7 (0·5–1·0)	1·0 (0·8–1·4)	1·0 (0·7–1·3)	0·9 (0·7–1·1)	0·8 (0·7–1·2)	0·8 (0·7–1·1)	0·9 (0·8–1·1)
Animal contact	2·1 (1·1–3·3)	2·5 (1·3–3·7)	2·1 (1·1–3·3)	1·9 (1·1–2·9)	2·1 (1·1–3·2)	1·7 (1·0–2·6)	2·1 (1·1–3·5)
Animal contact (venomous)	1·6 (0·6–3·0)	1·9 (0·8–3·3)	1·6 (0·6–3·0)	1·4 (0·5–2·6)	1·6 (0·6–3·2)	1·3 (0·5–2·5)	1·7 (0·5–3·4)
Animal contact (non-venomous)	0·5 (0·2–0·8)	0·5 (0·2–1·0)	0·5 (0·2–0·9)	0·5 (0·2–0·9)	0·5 (0·2–1·0)	0·4 (0·2–0·7)	0·4 (0·2–0·8)
Unintentional injuries not classified elsewhere	14·4 (9·8–17·4)	22·2 (14·9–27·3)	18·7 (13·5–21·7)	16·4 (12·0–18·8)	15·5 (11·4–18·3)	12·3 (9·4–14·5)	10·8 (8·6–12·6)
Self-harm and interpersonal violence	54·6 (43·2–66·4)	93·5 (74·2–109·9)	86·8 (68·8–103·1)	76·5 (60·9–91·0)	68·0 (52·4–84·8)	53·3 (41·9–68·6)	44·2 (32·8–56·0)
Self-harm	27·1 (19·4–38·1)	46·4 (31·9–63·0)	42·6 (29·2–58·6)	40·1 (28·5–53·6)	38·6 (26·9–53·4)	33·1 (23·8–47·6)	29·7 (20·5–42·3)
Interpersonal violence	27·5 (18·3–34·9)	47·1 (31·5–59·9)	44·2 (29·9–56·5)	36·4 (23·4–47·6)	29·3 (18·0–38·9)	20·3 (12·4–27·3)	14·5 (8·6–20·0)
Assault by firearm	13·7 (10·2–18·9)	23·3 (18·7–30·5)	22·3 (16·8–28·7)	17·7 (12·4–23·9)	13·4 (9·4–19·1)	9·1 (5·8–12·6)	6·4 (4·1–8·8)
Assault by sharp object	6·8 (4·0–10·4)	12·3 (7·2–19·5)	11·5 (6·6–18·1)	9·5 (5·6–15·3)	8·0 (4·4–12·1)	5·3 (2·9–8·7)	3·8 (2·1–6·5)
Assault by other means	7·0 (3·9–9·4)	11·5 (6·9–15·7)	10·4 (6·2–14·4)	9·2 (5·5–12·6)	8·0 (4·8–11·4)	5·9 (3·5–9·0)	4·3 (2·7–6·2)
Forces of nature, war, and legal intervention	4·2 (2·2–9·7)	4·7 (2·6–10·9)	4·3 (2·4–9·8)	4·0 (2·2–9·1)	4·0 (2·2–9·2)	3·9 (2·2–8·8)	3·9 (2·2–8·6)
Exposure to forces of nature	1·3 (0·6–3·4)	1·4 (0·6–3·5)	1·2 (0·5–3·1)	1·2 (0·5–2·9)	1·2 (0·6–3·0)	1·1 (0·5–2·7)	1·2 (0·5–2·8)
Collective violence and legal intervention	2·8 (1·6–6·2)	3·3 (1·9–7·3)	3·1 (1·7–6·7)	2·8 (1·6–6·1)	2·8 (1·6–6·0)	2·8 (1·6–5·9)	2·7 (1·5–5·8)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
All causes	1,187·1 (1,112·6–1,276·6)	1,496·6 (1,408·4–1,587·4)	1,928·8 (1,840·0–2,031·1)	2,052·1 (1,962·3–2,144·4)	2,044·9 (1,972·8–2,136·1)	2,053·9 (2,001·4–2,117·3)	2,883·1 (2,834·0–2,934·7)
Communicable, maternal, neonatal, and nutritional disorders	201·7 (172·0–238·8)	226·6 (194·6–266·9)	251·7 (216·3–301·0)	239·5 (210·4–281·3)	231·3 (203·1–269·1)	210·8 (186·3–241·9)	332·0 (292·9–383·0)
HIV/AIDS and tuberculosis	92·4 (69·9–117·9)	100·5 (76·1–125·3)	105·2 (83·8–138·8)	92·4 (73·7–121·2)	76·4 (59·6–103·4)	54·0 (43·1–70·3)	42·0 (32·0–56·5)
Tuberculosis	81·3 (59·2–105·6)	94·1 (70·2–119·6)	102·4 (80·5–135·9)	91·1 (72·6–120·1)	75·8 (59·0–102·9)	54·0 (43·1–70·3)	42·0 (32·0–56·5)
HIV/AIDS	11·1 (5·9–18·0)	6·4 (2·0–12·0)	2·8 (1·0–7·0)	1·3 (0·7–4·4)	0·6 (0·4–1·1)	–	–
HIV disease resulting in mycobacterial infection	1·7 (0·7–3·1)	1·0 (0·1–2·2)	0·4 (0·0–1·3)	0·1 (0·0–0·8)	<0·05 (0·0–0·2)	–	–
HIV disease resulting in other specified or unspecified diseases	9·4 (5·2–14·6)	5·3 (1·9–9·9)	2·4 (1·0–5·8)	1·1 (0·6–3·6)	0·5 (0·4–1·0)	–	–
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	66·2 (55·6–82·0)	73·4 (60·8–91·0)	91·4 (75·8–112·9)	98·4 (81·5–120·9)	110·9 (91·7–134·1)	120·4 (98·3–146·7)	241·7 (204·9–287·5)
Diarrheal diseases	21·3 (15·3–31·2)	23·0 (16·2–34·3)	29·0 (19·3–45·4)	28·0 (19·3–42·8)	26·8 (19·3–37·6)	23·4 (16·7–33·3)	39·3 (29·1–54·5)
Cholera	0·5 (0·3–0·9)	0·5 (0·3–0·8)	0·4 (0·2–0·8)	0·3 (0·1–0·5)	0·1 (0·1–0·3)	0·1 (0·1–0·2)	0·1 (0·1–0·3)
Other salmonella infections	1·5 (0·9–2·3)	1·4 (0·9–2·3)	1·6 (0·9–2·6)	1·4 (0·8–2·3)	1·2 (0·7–2·0)	1·1 (0·7–1·8)	1·9 (1·2–3·1)
Shigellosis	2·0 (1·2–3·1)	2·2 (1·3–3·6)	2·8 (1·6–4·8)	2·8 (1·7–4·8)	2·7 (1·6–4·5)	2·4 (1·5–3·9)	4·1 (2·6–6·5)
Enteropathogenic E coli infection	0·2 (0·1–0·4)	0·3 (0·2–0·5)	0·4 (0·2–0·8)	0·5 (0·3–0·8)	0·5 (0·3–0·9)	0·6 (0·3–0·9)	1·3 (0·8–2·2)
Enterotoxigenic E coli infection	2·6 (1·6–4·0)	2·7 (1·7–4·4)	3·3 (2·0–5·6)	3·1 (1·9–5·2)	2·9 (1·8–4·6)	2·5 (1·5–3·9)	3·8 (2·5–5·8)
Campylobacter enteritis	1·1 (0·7–1·7)	1·2 (0·7–2·0)	1·5 (0·8–2·6)	1·4 (0·8–2·4)	1·4 (0·9–2·3)	1·5 (0·9–2·5)	3·3 (2·0–5·3)
Amoebiasis	1·3 (0·9–2·1)	1·5 (0·9–2·5)	2·0 (1·1–3·4)	2·0 (1·2–3·3)	1·9 (1·2–3·2)	1·7 (1·0–2·7)	2·7 (1·7–4·4)
Cryptosporidiosis	0·4 (0·3–0·7)	0·5 (0·3–0·8)	0·6 (0·3–1·0)	0·5 (0·3–0·9)	0·5 (0·3–0·8)	0·4 (0·3–0·7)	0·7 (0·4–1·2)
Rotaviral enteritis	1·7 (1·1–2·8)	2·0 (1·3–3·3)	2·7 (1·6–4·6)	2·8 (1·8–4·7)	2·8 (1·7–4·3)	2·2 (1·4–3·5)	3·0 (2·0–4·6)
Other diarrheal diseases	9·9 (5·8–16·3)	10·8 (6·0–18·9)	13·7 (7·5–24·3)	13·3 (7·5–22·8)	12·6 (7·5–20·5)	10·9 (6·2–17·9)	18·2 (11·0–28·7)
Typhoid and paratyphoid fevers	1·5 (0·2–2·8)	1·1 (0·1–2·1)	0·8 (0·1–1·5)	0·7 (0·1–1·3)	0·7 (0·1–1·3)	0·6 (0·1–1·1)	0·5 (0·1–1·0)
Lower respiratory infections	33·1 (25·5–43·1)	38·8 (29·8–49·8)	51·4 (39·1–66·1)	61·3 (46·8–76·8)	75·8 (58·0–94·3)	90·4 (70·3–113·1)	195·2 (159·0–239·4)
Influenza	7·5 (5·8–9·7)	8·5 (6·5–10·9)	10·8 (8·2–14·0)	12·4 (9·6–15·6)	14·8 (11·4–18·5)	16·9 (13·2–21·2)	33·7 (27·4–41·6)
Pneumococcal pneumonia	9·4 (7·3–12·2)	11·2 (8·6–14·2)	14·9 (11·3–19·0)	18·0 (13·9–22·5)	22·5 (17·1–28·1)	27·6 (21·5–34·8)	61·6 (50·0–75·8)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
H influenzae type B pneumonia	4·6 (3·7–6·2)	5·0 (3·9–6·6)	6·0 (4·6–8·0)	6·5 (4·9–8·3)	7·1 (5·4–8·9)	7·4 (5·8–9·4)	11·9 (9·7–14·9)
Respiratory syncytial virus pneumonia	0·3 (0·3–0·4)	0·4 (0·3–0·5)	0·5 (0·4–0·7)	0·6 (0·5–0·8)	0·8 (0·6–0·9)	0·9 (0·7–1·1)	2·0 (1·6–2·4)
Other lower respiratory infections	11·2 (8·5–14·7)	13·7 (10·5–17·6)	19·1 (14·4–24·4)	23·8 (17·8–29·9)	30·6 (23·4–38·2)	37·6 (29·8–47·1)	86·1 (70·1–105·5)
Upper respiratory infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·2 (0·1–0·2)
Otitis media	0·1 (0·0–0·9)	0·1 (0·0–0·6)	0·1 (0·0–0·6)	<0·05 (0·0–0·5)	<0·05 (0·0–0·5)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)
Meningitis	5·8 (4·2–8·2)	5·5 (3·9–8·1)	6·3 (4·4–9·8)	5·1 (3·6–7·7)	4·7 (3·2–7·8)	3·7 (2·6–5·9)	4·0 (2·5–7·5)
Pneumococcal meningitis	1·9 (1·3–2·8)	1·7 (1·2–2·7)	2·0 (1·3–3·2)	1·5 (1·0–2·4)	1·3 (0·8–2·3)	0·9 (0·6–1·6)	0·9 (0·5–1·8)
H influenzae type B meningitis	0·4 (0·3–0·6)	0·4 (0·3–0·6)	0·5 (0·3–0·9)	0·4 (0·3–0·7)	0·5 (0·3–0·8)	0·4 (0·2–0·7)	0·5 (0·3–1·0)
Meningococcal infection	1·0 (0·8–1·4)	0·9 (0·7–1·3)	1·0 (0·7–1·5)	0·8 (0·6–1·2)	0·7 (0·5–1·0)	0·5 (0·4–0·8)	0·4 (0·3–0·7)
Other meningitis	2·4 (1·8–3·4)	2·4 (1·7–3·4)	2·8 (1·9–4·2)	2·4 (1·7–3·5)	2·3 (1·6–3·6)	1·9 (1·3–3·0)	2·2 (1·4–3·9)
Encephalitis	2·1 (1·1–3·7)	2·0 (1·0–3·8)	2·3 (1·2–4·7)	1·5 (0·7–3·2)	1·4 (0·6–3·2)	1·0 (0·5–2·2)	1·3 (0·6–3·1)
Diphtheria	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	–	–	–	–	–
Whooping cough	0·1 (0·0–0·4)	0·3 (0·0–1·4)	–	–	–	–	–
Tetanus	2·1 (0·0–9·5)	2·5 (0·0–11·4)	1·4 (0·0–6·7)	1·5 (0·0–6·9)	1·3 (0·0–6·1)	0·9 (0·0–4·3)	0·6 (0·0–2·9)
Measles	0·1 (0·0–0·3)	0·1 (0·0–0·3)	–	–	–	–	–
Varicella	0·1 (0·0–0·7)	0·1 (0·0–0·6)	0·1 (0·0–0·6)	0·1 (0·0–0·7)	0·1 (0·0–0·8)	0·2 (0·0–1·1)	0·5 (0·0–3·4)
Neglected tropical diseases and malaria	19·4 (13·7–31·7)	25·6 (14·1–40·0)	23·0 (13·3–35·4)	17·8 (11·3–27·3)	14·5 (9·7–23·6)	10·6 (6·9–17·2)	9·5 (6·3–14·7)
Malaria	13·9 (8·8–25·7)	20·2 (9·4–34·6)	18·2 (9·0–29·9)	13·4 (7·5–22·4)	10·8 (6·2–19·5)	7·9 (4·5–14·3)	7·0 (4·1–12·5)
Chagas disease	0·6 (0·1–1·8)	0·7 (0·1–1·9)	0·7 (0·2–2·2)	0·7 (0·1–2·0)	0·6 (0·1–1·7)	0·5 (0·1–1·4)	0·5 (0·1–1·4)
Leishmaniasis	1·8 (0·9–3·0)	1·6 (0·8–2·8)	1·3 (0·7–2·2)	1·1 (0·6–1·9)	0·9 (0·5–1·6)	0·6 (0·3–1·1)	0·6 (0·3–1·1)
African trypanosomiasis	0·6 (0·1–1·2)	0·3 (0·1–0·7)	0·1 (0·0–0·3)	0·1 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Schistosomiasis	0·4 (0·0–2·4)	0·5 (0·0–2·9)	0·5 (0·0–3·0)	0·5 (0·0–2·8)	0·4 (0·0–2·5)	0·3 (0·0–1·7)	0·2 (0·0–0·9)
Cysticercosis	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Echinococcosis	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·4)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·3)
Dengue	0·2 (0·0–0·4)	0·2 (0·0–0·4)	0·2 (0·0–0·5)	0·2 (0·0–0·4)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·2 (0·0–0·5)
Rabies	1·3 (0·5–2·7)	1·4 (0·6–2·9)	1·2 (0·5–2·4)	1·2 (0·5–2·7)	0·9 (0·4–1·9)	0·5 (0·2–1·0)	0·3 (0·1–0·6)
Intestinal nematode infections	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Ascariasis	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Other neglected tropical diseases	0·6 (0·2–1·1)	0·6 (0·2–1·1)	0·6 (0·2–1·2)	0·6 (0·2–1·4)	0·6 (0·2–1·3)	0·6 (0·2–1·3)	0·6 (0·2–1·7)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	8·8 (6·0–13·9)	10·7 (6·9–18·4)	15·2 (9·7–25·8)	15·4 (10·2–25·3)	16·7 (11·2–26·9)	16·0 (11·2–24·9)	29·6 (21·5–43·3)
Protein-energy malnutrition	7·5 (4·5–11·9)	9·2 (5·5–16·3)	13·2 (7·9–23·2)	13·2 (7·9–22·9)	14·3 (8·9–24·5)	13·5 (8·6–22·3)	24·0 (15·5–37·1)
Iodine deficiency	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)
Iron-deficiency anemia	1·1 (0·7–1·4)	1·2 (0·9–1·6)	1·6 (1·2–2·1)	1·8 (1·3–2·4)	1·9 (1·4–2·4)	2·0 (1·5–2·5)	4·2 (3·3–5·3)
Other nutritional deficiencies	0·2 (0·2–0·2)	0·2 (0·2–0·3)	0·3 (0·2–0·4)	0·3 (0·3–0·4)	0·4 (0·3–0·5)	0·5 (0·4–0·6)	1·2 (1·0–1·6)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Other communicable, maternal, neonatal, and nutritional	14·9 (11·9–18·7)	16·4 (13·0–20·4)	16·9 (13·3–21·8)	15·5 (12·2–20·9)	12·9 (9·9–17·9)	9·8 (7·4–13·5)	9·2 (6·5–12·9)
Sexually transmitted diseases excluding HIV	0·7 (0·2–1·4)	0·7 (0·3–1·6)	1·0 (0·3–3·0)	0·6 (0·2–1·2)	0·5 (0·2–1·0)	0·5 (0·2–1·0)	0·4 (0·2–0·6)
Syphilis	0·7 (0·2–1·4)	0·7 (0·3–1·6)	1·0 (0·3–3·0)	0·6 (0·2–1·2)	0·5 (0·2–1·1)	0·5 (0·2–1·0)	0·4 (0·2–0·6)
Sexually transmitted chlamydial diseases	–	–	–	–	–	–	–
Gonococcal infection	–	–	–	–	–	–	–
Other sexually transmitted diseases	–	–	–	–	–	–	–
Hepatitis	9·4 (7·3–11·8)	10·5 (8·1–13·8)	9·5 (7·2–12·4)	7·7 (6·3–9·3)	6·0 (4·8–7·4)	3·7 (3·0–4·7)	2·4 (2·0–3·0)
Acute hepatitis A	4·2 (1·3–9·6)	5·0 (1·5–11·3)	4·9 (1·7–10·9)	3·7 (1·2–8·0)	2·9 (0·8–6·3)	1·7 (0·5–4·1)	1·3 (0·4–2·7)
Acute hepatitis B	4·6 (2·6–6·9)	5·0 (2·7–8·5)	4·1 (2·2–6·8)	3·5 (1·9–5·5)	2·7 (1·4–4·2)	1·7 (0·9–2·6)	1·0 (0·6–1·5)
Acute hepatitis C	0·5 (0·2–1·0)	0·5 (0·2–0·9)	0·5 (0·2–0·9)	0·5 (0·2–0·9)	0·4 (0·2–0·8)	0·3 (0·1–0·5)	0·2 (0·1–0·3)
Acute hepatitis E	0·1 (0·0–0·2)	0·1 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other infectious diseases	4·7 (2·6–7·4)	5·2 (3·1–8·1)	6·4 (3·9–10·1)	7·2 (4·4–11·9)	6·4 (3·7–11·3)	5·5 (3·4–9·0)	6·3 (3·7–10·0)
Non-communicable diseases	839·3 (790·4–892·9)	1,145·6 (1,079·8–1,209·9)	1,565·6 (1,493·4–1,642·4)	1,724·4 (1,652·7–1,798·4)	1,742·0 (1,679·4–1,811·9)	1,779·9 (1,730·6–1,832·1)	2,465·6 (2,420·1–2,509·1)
Neoplasms	258·8 (224·9–290·8)	364·8 (319·2–414·7)	466·9 (418·6–527·1)	475·5 (428·2–541·6)	415·8 (375·9–473·9)	365·8 (333·1–418·5)	366·8 (332·2–409·5)
Esophageal cancer	21·2 (14·7–31·1)	30·9 (21·0–47·0)	37·7 (27·4–53·4)	36·0 (24·7–52·1)	31·9 (22·4–45·3)	23·1 (15·7–33·5)	18·6 (13·6–25·9)
Stomach cancer	39·9 (25·5–57·0)	57·7 (38·6–83·4)	75·0 (49·5–112·7)	74·6 (48·3–106·3)	66·8 (44·8–95·7)	55·1 (37·3–82·9)	48·7 (34·2–69·8)
Liver cancer	36·3 (24·5–45·1)	45·1 (33·3–53·1)	45·0 (32·9–54·7)	39·4 (30·6–49·1)	30·9 (24·9–38·7)	21·4 (18·1–28·8)	16·6 (13·8–21·3)
Liver cancer secondary to hepatitis B	18·8 (12·2–23·7)	22·8 (17·1–27·3)	22·1 (16·5–27·3)	19·1 (14·9–24·3)	14·8 (11·8–19·3)	9·6 (8·0–13·9)	7·0 (5·8–9·1)
Liver cancer secondary to hepatitis C	6·4 (4·3–7·9)	10·1 (7·5–11·6)	12·0 (8·5–14·2)	11·3 (8·8–13·8)	9·0 (7·3–11·3)	6·5 (5·5–8·6)	5·3 (4·4–6·8)
Liver cancer secondary to alcohol use	7·2 (4·9–8·9)	8·5 (6·3–10·2)	8·3 (6·0–10·0)	7·2 (5·8–9·0)	5·8 (4·6–7·1)	4·4 (3·7–5·8)	3·7 (3·0–4·6)
Other liver cancer	3·9 (2·6–4·9)	3·8 (2·8–4·5)	2·7 (1·9–3·3)	1·7 (1·3–2·1)	1·3 (1·1–1·6)	0·9 (0·7–1·2)	0·6 (0·5–0·8)
Larynx cancer	8·0 (3·6–14·2)	10·0 (4·7–17·4)	12·8 (5·8–22·1)	11·6 (5·4–21·2)	8·7 (3·9–15·4)	6·8 (3·2–12·5)	5·6 (2·6–10·0)
Trachea, bronchus and lung cancers	60·8 (40·4–79·5)	93·9 (66·1–121·2)	131·6 (95·4–169·6)	133·4 (98·2–178·7)	109·4 (81·8–153·4)	90·4 (67·4–128·0)	70·4 (52·6–99·5)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Breast cancer	–	–	–	–	–	–	–
Cervical cancer	–	–	–	–	–	–	–
Uterine cancer	–	–	–	–	–	–	–
Prostate cancer	1·7 (0·9–2·7)	4·3 (2·4–7·3)	10·3 (5·8–16·3)	18·2 (10·4–29·3)	24·4 (13·3–38·0)	35·1 (19·6–53·5)	60·4 (33·7–92·8)
Colon and rectum cancers	15·6 (12·5–17·2)	23·0 (19·4–25·4)	32·0 (26·7–35·8)	36·0 (30·9–41·0)	33·7 (29·1–39·8)	34·8 (29·7–39·2)	40·4 (34·1–44·5)
Mouth cancer	6·3 (5·0–7·1)	7·3 (6·1–8·4)	8·1 (6·7–9·1)	6·8 (5·6–7·7)	4·9 (4·1–5·5)	3·8 (3·2–4·2)	3·9 (3·2–4·3)
Nasopharynx cancer	3·4 (1·9–5·5)	3·9 (2·2–6·4)	4·0 (2·2–6·1)	3·3 (1·8–5·3)	2·4 (1·4–3·8)	1·6 (0·9–2·5)	1·1 (0·6–1·8)
Cancer of other part of pharynx and oropharynx	6·6 (3·4–9·3)	8·4 (4·2–11·9)	9·2 (4·9–13·6)	7·8 (3·9–11·0)	5·3 (2·8–8·1)	3·6 (1·9–5·3)	2·9 (1·5–4·1)
Gallbladder and biliary tract cancer	2·4 (1·3–3·5)	3·4 (1·8–4·9)	4·5 (2·6–6·8)	5·4 (3·1–8·3)	5·3 (2·8–8·0)	5·3 (3·0–8·0)	6·2 (3·4–9·2)
Pancreatic cancer	8·3 (5·5–11·5)	12·1 (8·2–16·7)	15·8 (11·1–22·6)	16·8 (11·4–23·1)	14·9 (10·2–20·5)	13·5 (9·1–19·5)	13·5 (9·1–19·5)
Malignant melanoma of skin	1·5 (0·7–2·6)	1·7 (0·9–3·0)	2·1 (1·0–3·6)	2·0 (1·1–3·6)	1·7 (0·8–2·9)	1·6 (0·8–2·9)	1·8 (1·0–3·4)
Non-melanoma skin cancer	0·6 (0·3–1·2)	1·0 (0·4–1·8)	1·2 (0·5–2·2)	1·3 (0·6–2·4)	1·3 (0·6–2·4)	1·5 (0·7–2·8)	3·0 (1·4–5·5)
Ovarian cancer	–	–	–	–	–	–	–
Testicular cancer	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·3 (0·2–0·5)	0·3 (0·1–0·4)	0·4 (0·2–0·6)
Kidney and other urinary organ cancers	4·2 (2·6–5·8)	6·0 (3·6–8·5)	7·6 (4·7–10·7)	7·7 (4·6–11·4)	6·2 (3·8–9·0)	6·0 (3·7–8·6)	5·7 (3·5–8·5)
Bladder cancer	4·0 (2·7–5·1)	6·9 (4·9–8·9)	11·3 (7·9–14·2)	13·7 (9·7–17·5)	13·9 (10·2–18·3)	15·1 (11·5–20·2)	19·4 (14·6–26·3)
Brain and nervous system cancers	7·0 (3·6–10·5)	8·1 (4·1–12·5)	9·1 (4·5–13·8)	8·4 (4·3–13·2)	6·2 (3·3–9·5)	4·3 (2·4–7·2)	3·0 (1·6–5·9)
Thyroid cancer	0·7 (0·4–1·1)	1·0 (0·6–1·4)	1·2 (0·8–1·8)	1·2 (0·7–1·6)	1·1 (0·7–1·5)	0·9 (0·6–1·2)	0·8 (0·5–1·1)
Hodgkin's disease	0·8 (0·4–1·2)	0·9 (0·4–1·3)	1·0 (0·5–1·5)	0·9 (0·5–1·4)	0·7 (0·4–1·1)	0·6 (0·3–1·0)	0·6 (0·3–1·0)
Non-Hodgkin's lymphoma	5·5 (4·1–6·4)	7·3 (5·5–8·4)	9·3 (7·2–10·7)	9·6 (7·6–11·1)	8·7 (6·9–10·3)	7·6 (6·3–9·6)	7·7 (6·3–9·9)
Multiple myeloma	1·5 (0·8–2·4)	2·3 (1·2–3·9)	3·4 (1·8–5·7)	4·0 (2·3–6·8)	3·8 (2·0–6·5)	3·7 (2·1–6·5)	4·0 (2·1–6·7)
Leukemia	6·0 (4·1–7·4)	7·3 (5·1–9·4)	9·1 (6·8–11·7)	10·0 (7·2–13·0)	9·0 (6·8–12·2)	8·8 (6·8–12·2)	9·9 (7·8–13·6)
Other neoplasms	16·2 (9·1–23·6)	21·7 (12·3–31·3)	25·3 (15·4–37·1)	27·0 (16·4–40·2)	24·2 (15·0–37·1)	21·0 (13·1–32·4)	22·2 (14·5–34·0)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Cardiovascular and circulatory diseases	320·8 (307·3–334·6)	441·9 (426·8–458·7)	635·3 (614·5–654·3)	724·2 (704·5–744·2)	763·2 (740·6–787·2)	860·1 (838·2–881·0)	1,351·2 (1,322·6–1,377·9)
Rheumatic heart disease	15·3 (12·1–20·0)	18·2 (14·3–25·1)	20·9 (16·4–27·8)	19·7 (16·1–24·8)	18·5 (15·4–23·5)	17·8 (14·6–21·7)	25·5 (20·6–31·6)
Ischemic heart disease	164·5 (147·4–186·4)	216·0 (204·7–252·3)	309·7 (287·8–352·0)	344·1 (321·0–390·4)	341·1 (320·1–391·0)	391·0 (369·8–434·0)	634·8 (603·8–693·5)
Cerebrovascular disease	100·6 (90·0–122·7)	153·4 (135·4–184·7)	229·3 (205·7–274·3)	272·1 (242·9–317·5)	311·1 (277·2–363·6)	348·0 (305·4–400·4)	522·5 (462·0–594·4)
Ischemic stroke	19·6 (16·1–26·5)	36·6 (29·9–51·6)	79·1 (64·4–103·9)	103·5 (85·5–134·7)	134·1 (108·7–177·7)	183·2 (157·0–224·4)	346·7 (305·9–397·1)
Hemorrhagic and other non-ischemic stroke	81·1 (65·5–102·4)	116·9 (93·6–148·2)	150·3 (117·7–192·8)	168·6 (132·3–214·3)	177·0 (134·2–230·7)	164·8 (126·3–210·3)	175·8 (136·4–231·7)
Hypertensive heart disease	13·3 (11·2–17·7)	18·5 (15·5–24·6)	26·8 (22·5–35·5)	32·7 (26·6–41·1)	34·9 (29·1–44·0)	37·3 (31·9–48·6)	59·2 (49·8–74·7)
Cardiomyopathy and myocarditis	13·4 (10·6–16·2)	15·0 (11·9–17·9)	17·8 (14·4–20·9)	16·7 (13·8–19·7)	14·8 (12·0–17·6)	14·3 (11·9–16·4)	19·8 (17·1–22·7)
Atrial fibrillation and flutter	0·3 (0·1–0·5)	0·4 (0·2–0·8)	0·8 (0·4–1·4)	1·1 (0·7–1·8)	1·5 (0·9–2·5)	2·3 (1·4–3·5)	5·5 (3·6–8·2)
Aortic aneurysm	3·0 (1·8–5·2)	5·0 (2·9–8·4)	8·0 (5·0–12·6)	11·2 (7·2–17·8)	12·7 (7·9–20·8)	13·8 (8·9–20·6)	17·2 (11·5–25·3)
Peripheral vascular disease	0·2 (0·1–0·5)	0·4 (0·2–0·9)	0·7 (0·3–1·5)	1·0 (0·4–2·1)	1·2 (0·5–2·3)	1·6 (0·7–3·1)	3·2 (1·4–6·5)
Endocarditis	1·0 (0·7–1·5)	1·1 (0·8–1·7)	1·3 (1·0–1·8)	1·3 (1·0–1·8)	1·1 (0·9–1·7)	1·3 (1·0–1·8)	2·0 (1·7–2·6)
Other cardiovascular and circulatory diseases	9·0 (8·1–10·0)	13·8 (12·7–15·1)	20·1 (18·6–22·0)	24·2 (22·1–26·7)	26·2 (24·2–28·6)	32·7 (30·3–35·5)	61·6 (57·2–66·0)
Chronic respiratory diseases	90·8 (82·4–101·2)	142·9 (129·8–156·7)	238·8 (218·3–260·6)	302·3 (279·2–325·0)	354·1 (330·3–377·8)	349·7 (330·7–369·5)	465·9 (445·5–487·6)
Chronic obstructive pulmonary disease	62·8 (51·6–76·1)	105·2 (86·4–126·5)	184·3 (156·6–217·4)	240·4 (207·5–281·5)	288·8 (253·8–333·8)	288·6 (255·2–330·5)	382·8 (340·2–435·4)
Pneumoconiosis	5·8 (1·6–13·2)	8·3 (2·5–18·1)	13·5 (4·2–31·7)	16·5 (5·2–40·3)	17·9 (5·7–40·7)	16·3 (6·1–36·3)	25·2 (9·6–64·6)
Asthma	13·4 (6·8–27·9)	17·8 (9·2–34·9)	24·4 (12·9–48·5)	27·2 (14·7–49·1)	27·6 (15·8–52·4)	24·9 (14·5–44·9)	29·6 (18·3–51·5)
Other interstitial lung disease	2·2 (1·2–3·7)	3·2 (1·8–5·7)	5·5 (2·7–10·9)	5·8 (3·3–10·5)	6·1 (3·3–10·5)	6·0 (3·4–10·3)	6·8 (3·9–11·4)
Other chronic respiratory diseases	6·7 (4·1–11·1)	8·4 (5·0–13·9)	11·2 (6·9–17·6)	12·4 (7·4–18·3)	13·7 (8·3–21·7)	13·8 (8·6–20·7)	21·5 (13·7–30·9)
Cirrhosis of the liver	59·7 (47·6–74·8)	65·9 (50·9–81·7)	66·4 (51·3–83·0)	54·7 (41·1–66·0)	39·2 (29·1–48·0)	29·8 (22·3–36·0)	26·5 (19·0–31·0)
Cirrhosis of the liver secondary to hepatitis B	18·6 (13·9–23·4)	21·5 (15·7–27·8)	22·2 (16·3–27·0)	18·4 (13·6–22·6)	13·3 (9·7–16·3)	9·3 (6·7–11·2)	7·3 (5·0–8·8)
Cirrhosis of the liver secondary to hepatitis C	13·0 (10·0–16·5)	16·0 (12·2–20·8)	17·9 (13·6–22·3)	15·6 (11·9–19·6)	11·1 (8·3–13·9)	8·5 (6·4–10·5)	7·7 (5·8–9·4)
Cirrhosis of the liver secondary to alcohol use	20·7 (16·3–26·6)	21·7 (16·6–27·9)	20·9 (16·0–26·2)	16·9 (13·0–21·2)	12·2 (9·2–15·4)	9·9 (7·4–12·2)	9·8 (7·2–11·9)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Other cirrhosis of the liver	7·4 (5·7–9·6)	6·7 (5·0–8·7)	5·3 (4·1–6·7)	3·7 (2·8–4·7)	2·7 (2·0–3·3)	2·0 (1·5–2·4)	1·8 (1·2–2·1)
Digestive diseases (except cirrhosis)	37·1 (28·4–45·0)	40·3 (31·7–49·2)	50·6 (40·0–62·8)	51·5 (41·7–62·7)	51·6 (41·6–63·3)	51·9 (42·0–65·2)	74·6 (61·3–91·4)
Peptic ulcer disease	16·8 (12·7–19·6)	16·2 (12·7–18·9)	20·0 (15·1–23·3)	19·7 (15·3–22·4)	19·3 (15·0–22·4)	18·3 (14·1–21·4)	24·3 (18·7–27·5)
Gastritis and duodenitis	0·4 (0·3–0·7)	0·6 (0·4–1·1)	0·7 (0·4–1·1)	0·8 (0·5–1·3)	0·7 (0·5–1·1)	0·8 (0·5–1·3)	1·5 (0·8–2·3)
Appendicitis	1·1 (0·5–2·0)	1·3 (0·6–2·3)	1·7 (0·7–2·8)	1·7 (0·7–2·9)	1·5 (0·7–2·6)	1·4 (0·6–2·3)	1·6 (0·8–2·7)
Paralytic ileus and intestinal obstruction without hernia	3·5 (1·7–5·5)	4·3 (2·1–6·4)	5·3 (2·6–7·7)	5·5 (2·9–8·0)	5·9 (3·1–8·4)	6·2 (3·4–9·5)	9·4 (5·6–13·6)
Inguinal or femoral hernia	0·6 (0·6–0·6)	0·8 (0·8–0·8)	1·1 (1·1–1·1)	1·2 (1·1–1·2)	1·3 (1·2–1·3)	1·5 (1·4–1·5)	2·4 (2·3–2·5)
Noninfective inflammatory bowel disease	0·6 (0·4–0·9)	0·7 (0·5–1·1)	0·9 (0·5–1·4)	0·9 (0·6–1·4)	0·9 (0·6–1·3)	1·0 (0·7–1·3)	1·7 (1·3–2·3)
Vascular disorders of intestine	0·9 (0·2–2·8)	1·4 (0·3–4·3)	2·3 (0·5–7·3)	3·0 (0·6–9·1)	3·4 (0·7–10·1)	4·1 (0·9–12·3)	6·4 (1·3–19·0)
Gall bladder and bile duct disease	1·6 (1·1–2·6)	2·0 (1·5–3·1)	2·8 (2·0–4·0)	3·2 (2·3–4·9)	3·4 (2·6–5·0)	4·0 (3·0–5·7)	6·5 (4·7–8·6)
Pancreatitis	2·9 (1·9–4·1)	2·8 (1·8–4·1)	3·1 (2·0–4·3)	2·7 (1·8–3·9)	2·2 (1·5–3·2)	2·2 (1·5–3·2)	2·5 (1·6–3·6)
Other digestive diseases	8·6 (5·7–12·8)	10·1 (6·9–14·0)	12·9 (8·8–18·1)	12·8 (8·8–17·8)	12·9 (9·1–17·5)	12·3 (8·6–16·6)	18·1 (13·7–22·6)
Neurological disorders	14·2 (9·4–21·0)	16·2 (10·7–25·6)	18·0 (12·1–28·8)	20·6 (14·1–31·4)	23·1 (16·2–32·9)	27·7 (20·3–37·2)	47·0 (36·5–60·3)
Alzheimer's disease and other dementias	0·8 (0·4–1·3)	1·2 (0·6–1·9)	2·0 (1·1–2·8)	3·2 (1·9–4·3)	5·4 (3·2–7·5)	8·8 (5·6–12·7)	22·1 (15·2–33·9)
Parkinson's disease	0·3 (0·2–0·5)	0·6 (0·4–1·0)	1·3 (0·8–2·0)	2·5 (1·6–4·0)	4·2 (2·7–6·8)	6·6 (4·4–9·9)	10·9 (7·1–17·8)
Epilepsy	3·5 (2·2–4·8)	3·0 (2·0–4·0)	2·6 (1·7–3·5)	2·5 (1·6–3·3)	2·1 (1·2–3·1)	1·8 (1·1–2·5)	2·8 (1·6–4·1)
Multiple sclerosis	0·7 (0·5–1·0)	1·1 (0·6–2·0)	0·8 (0·5–1·2)	0·6 (0·4–0·8)	0·5 (0·3–0·8)	0·4 (0·3–0·6)	0·2 (0·1–0·3)
Other neurological disorders	8·7 (4·6–15·6)	10·3 (5·3–19·5)	11·4 (6·0–22·4)	11·8 (5·7–22·7)	10·9 (5·5–20·3)	10·1 (4·9–18·9)	10·9 (5·6–20·0)
Mental and behavioral disorders	11·0 (5·9–17·7)	9·7 (5·3–15·8)	8·4 (4·6–14·4)	5·7 (3·5–9·6)	3·8 (2·4–6·1)	3·3 (2·2–5·1)	4·0 (2·4–5·8)
Schizophrenia	0·8 (0·4–1·3)	0·9 (0·5–1·4)	0·6 (0·4–1·0)	0·8 (0·4–1·4)	0·7 (0·3–1·3)	0·7 (0·3–1·3)	0·9 (0·3–1·7)
Alcohol use disorders	9·0 (4·0–15·0)	7·7 (3·3–13·3)	6·7 (3·1–12·2)	3·9 (1·9–7·7)	2·1 (1·0–4·2)	1·5 (0·7–2·9)	1·1 (0·5–2·1)
Drug use disorders	0·8 (0·3–2·8)	0·6 (0·2–1·6)	0·5 (0·2–1·5)	0·4 (0·1–0·9)	0·3 (0·1–0·7)	0·3 (0·1–0·8)	0·3 (0·2–0·8)
Opioid use disorders	0·2 (0·1–0·9)	0·2 (0·1–0·5)	0·2 (0·1–0·4)	0·1 (0·0–0·3)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·1 (0·1–0·3)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Cocaine use disorders	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·5 (0·2–1·7)	0·4 (0·1–1·0)	0·3 (0·1–0·9)	0·2 (0·1–0·5)	0·2 (0·1–0·4)	0·2 (0·1–0·5)	0·2 (0·1–0·5)
Eating disorders	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·5 (0·2–0·8)
Other mental and behavioral disorders	0·4 (0·1–0·8)	0·5 (0·2–1·0)	0·5 (0·2–0·9)	0·5 (0·2–1·0)	0·5 (0·2–1·1)	0·7 (0·2–1·1)	1·2 (0·4–2·1)
Diabetes, urogenital, blood, and endocrine diseases	40·6 (35·1–54·4)	55·8 (48·8–72·5)	71·0 (62·8–92·0)	79·4 (71·0–100·7)	79·5 (70·7–99·2)	80·1 (72·1–95·7)	112·7 (101·7–131·7)
Diabetes mellitus	18·2 (14·5–21·9)	27·4 (23·0–34·7)	36·6 (29·8–45·4)	41·9 (33·3–52·5)	39·8 (32·5–49·7)	37·3 (30·8–47·0)	41·7 (34·4–51·3)
Acute glomerulonephritis	5·2 (1·4–16·2)	5·6 (1·5–20·2)	6·1 (1·7–21·1)	5·9 (1·9–17·7)	6·1 (1·8–19·6)	4·7 (1·5–16·0)	4·5 (1·3–14·2)
Chronic kidney diseases	11·9 (10·2–15·1)	15·7 (13·3–20·1)	18·6 (16·1–23·5)	20·1 (17·7–25·8)	21·1 (18·5–27·3)	23·5 (21·0–29·0)	40·1 (36·1–49·8)
Chronic kidney disease due to diabetes mellitus	3·1 (2·6–4·0)	4·8 (4·0–6·2)	6·4 (5·3–8·3)	6·2 (5·3–8·1)	5·6 (4·7–7·4)	5·3 (4·6–6·6)	7·4 (6·3–9·0)
Chronic kidney disease due to hypertension	2·8 (2·4–3·6)	3·6 (3·0–4·6)	4·0 (3·3–5·1)	4·7 (4·1–6·1)	5·3 (4·6–6·8)	6·2 (5·5–7·6)	11·2 (10·0–14·1)
Chronic kidney disease unspecified	6·0 (5·0–7·8)	7·4 (6·0–9·7)	8·2 (6·8–10·6)	9·3 (8·0–12·3)	10·2 (8·8–13·0)	12·0 (10·6–14·5)	21·5 (18·9–26·6)
Urinary diseases and male infertility	2·8 (1·4–3·9)	4·0 (2·1–5·6)	5·6 (2·9–7·7)	6·6 (3·5–9·1)	7·4 (4·0–10·4)	8·9 (5·1–12·6)	16·9 (9·9–25·3)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	1·4 (0·7–2·2)	1·9 (1·1–2·9)	2·8 (1·7–4·4)	3·4 (2·0–5·3)	3·8 (2·3–6·1)	5·2 (3·0–8·0)	11·1 (6·8–17·0)
Urolithiasis	0·5 (0·3–1·0)	0·8 (0·4–1·7)	1·0 (0·5–2·0)	1·2 (0·6–2·2)	1·2 (0·6–2·4)	1·3 (0·6–2·5)	1·9 (1·0–3·6)
Other urinary diseases	0·9 (0·4–1·3)	1·2 (0·6–1·8)	1·7 (0·8–2·6)	2·1 (1·0–3·0)	2·4 (1·2–3·5)	2·5 (1·3–3·6)	4·0 (2·2–6·1)
Gynecological diseases	–	–	–	–	–	–	–
Uterine fibroids	–	–	–	–	–	–	–
Endometriosis	–	–	–	–	–	–	–
Genital prolapse	–	–	–	–	–	–	–
Other gynecological diseases	–	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	1·1 (0·7–2·0)	1·4 (0·9–2·7)	1·9 (1·1–3·3)	2·1 (1·3–3·7)	2·4 (1·4–4·3)	2·8 (1·6–5·3)	4·4 (2·4–7·8)
Thalassemias	0·3 (0·2–0·5)	0·3 (0·2–0·4)	0·2 (0·1–0·3)	0·1 (0·1–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Sickle cell disorders	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·1 (0·0–0·1)	<0·05 (0·0–0·1)
G6PD deficiency	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·4)
Other hemoglobinopathies and hemolytic anemias	0·5 (0·2–1·0)	0·8 (0·3–1·7)	1·4 (0·7–2·7)	1·7 (0·9–3·1)	2·1 (1·1–3·9)	2·5 (1·3–4·7)	4·0 (2·2–7·0)
Other endocrine, nutritional, blood, and immune disorders	1·4 (0·5–2·5)	1·7 (0·7–3·2)	2·2 (0·8–3·9)	2·7 (1·0–5·0)	2·7 (1·0–4·9)	2·9 (1·0–5·3)	5·0 (1·7–8·9)
Musculoskeletal disorders	1·4 (0·7–2·2)	1·8 (0·9–2·8)	2·3 (1·1–3·4)	2·6 (1·2–3·8)	3·0 (1·3–4·3)	3·0 (1·4–4·5)	3·9 (1·9–6·0)
Rheumatoid arthritis	0·7 (0·4–1·2)	1·0 (0·5–1·7)	1·4 (0·7–2·2)	1·6 (0·8–2·5)	1·9 (0·9–3·0)	1·9 (0·9–3·0)	1·9 (1·0–2·9)
Other musculoskeletal disorders	0·7 (0·3–1·2)	0·8 (0·4–1·3)	0·9 (0·4–1·5)	1·0 (0·5–1·8)	1·1 (0·5–1·9)	1·1 (0·5–2·0)	2·0 (0·9–3·4)
Other non-communicable diseases	4·9 (3·6–6·5)	6·2 (4·4–8·2)	7·8 (5·5–10·6)	7·9 (5·4–10·5)	8·7 (6·1–11·4)	8·5 (6·1–11·2)	13·1 (9·7–16·3)
Congenital anomalies	2·3 (1·7–3·6)	3·3 (2·1–4·9)	4·3 (2·6–6·3)	4·3 (2·5–6·4)	4·6 (2·5–6·7)	4·0 (2·1–6·0)	5·8 (3·5–8·2)
Neural tube defects	0·2 (0·1–0·6)	0·3 (0·1–1·0)	0·4 (0·1–0·9)	0·4 (0·1–1·1)	0·4 (0·1–0·9)	0·2 (0·1–0·5)	0·3 (0·1–0·6)
Congenital heart anomalies	0·8 (0·5–1·2)	1·1 (0·7–1·7)	1·4 (0·8–2·5)	1·7 (1·0–2·7)	1·9 (1·0–3·4)	1·9 (1·0–3·2)	3·4 (1·9–5·1)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	0·2 (0·1–0·5)	0·3 (0·1–0·7)	0·3 (0·1–0·6)	0·1 (0·1–0·3)	0·1 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other chromosomal abnormalities	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·1 (0·0–0·4)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·2)
Other congenital anomalies	1·0 (0·6–1·8)	1·5 (0·8–2·7)	2·1 (1·1–3·8)	2·0 (1·0–3·7)	2·1 (1·0–4·1)	1·8 (0·8–3·4)	2·0 (1·0–3·7)
Skin and subcutaneous diseases	2·5 (1·5–3·9)	2·9 (1·8–4·3)	3·5 (2·3–5·5)	3·6 (2·4–5·2)	4·1 (2·7–5·7)	4·5 (3·2–6·3)	7·3 (5·0–9·5)
Cellulitis	0·9 (0·5–1·3)	1·0 (0·6–1·5)	1·1 (0·7–1·7)	1·0 (0·7–1·5)	1·0 (0·7–1·4)	0·9 (0·7–1·3)	1·2 (0·8–1·5)
Abscess, impetigo, and other bacterial skin diseases	1·1 (0·6–1·6)	1·2 (0·7–1·7)	1·4 (0·9–2·1)	1·3 (0·8–1·8)	1·3 (0·9–1·8)	1·3 (0·9–1·8)	1·8 (1·3–2·4)
Decubitus ulcer	0·6 (0·4–0·9)	0·7 (0·4–1·1)	1·1 (0·7–1·6)	1·3 (0·9–1·9)	1·8 (1·2–2·5)	2·3 (1·6–3·1)	4·2 (2·9–5·5)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	146·2 (130·5–174·3)	124·3 (111·5–149·4)	111·6 (100·5–133·4)	88·2 (79·1–105·2)	71·6 (63·0–86·2)	63·1 (56·0–72·9)	85·5 (76·4–99·0)
Transport injuries	38·8 (27·1–51·1)	33·2 (22·9–46·4)	29·2 (20·0–39·4)	23·2 (16·7–31·3)	18·3 (13·0–24·5)	14·9 (10·6–19·5)	14·6 (10·2–19·0)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Road injury	36·7 (26·5–50·1)	31·5 (23·1–43·7)	27·7 (19·7–38·6)	22·1 (16·4–30·4)	17·5 (12·3–23·2)	14·3 (10·4–19·1)	14·0 (9·7–18·0)
Pedestrian injury by road vehicle	12·8 (7·9–17·7)	10·6 (6·3–14·7)	9·6 (6·1–13·4)	7·6 (4·9–10·6)	6·1 (3·9–8·2)	5·1 (3·3–6·7)	5·6 (3·7–7·4)
Pedal cycle vehicle	2·3 (1·6–3·2)	2·4 (1·6–3·3)	2·3 (1·6–3·3)	2·1 (1·3–2·9)	1·9 (1·1–2·5)	1·6 (1·0–2·0)	1·4 (0·9–1·8)
Motorized vehicle with two wheels	5·6 (3·0–9·0)	4·5 (2·5–7·3)	3·8 (2·1–6·2)	3·0 (1·7–4·6)	2·4 (1·3–3·5)	1·7 (0·9–2·5)	1·4 (0·7–2·0)
Motorized vehicle with three or more wheels	12·8 (8·6–16·9)	11·1 (7·3–14·9)	9·3 (6·1–12·6)	7·5 (5·1–10·2)	5·6 (3·7–7·7)	4·8 (3·2–6·4)	4·8 (3·1–6·4)
Road injury other	3·1 (0·8–9·7)	3·0 (0·9–9·1)	2·6 (0·9–7·2)	1·9 (0·7–5·2)	1·7 (0·6–4·9)	1·1 (0·4–3·0)	0·9 (0·3–2·5)
Other transport injury	2·1 (1·5–3·5)	1·7 (1·2–2·7)	1·4 (1·0–2·5)	1·0 (0·8–1·9)	0·8 (0·6–1·2)	0·6 (0·5–1·0)	0·6 (0·5–0·9)
Unintentional injuries other than transport injuries	58·9 (51·9–75·2)	51·6 (44·9–65·2)	47·7 (41·7–60·1)	38·3 (34·1–47·2)	33·0 (29·3–41·1)	31·9 (28·7–38·1)	53·6 (48·3–64·2)
Falls	11·7 (9·0–16·4)	11·1 (8·7–16·5)	11·7 (9·4–16·5)	10·9 (8·6–15·9)	10·9 (8·3–15·9)	12·4 (9·1–16·8)	26·8 (21·4–35·5)
Drowning	8·4 (6·4–12·5)	7·2 (5·6–10·1)	6·4 (4·9–8·8)	4·8 (3·8–6·9)	3·7 (2·8–5·1)	2·9 (2·2–3·9)	3·1 (2·2–4·1)
Fire, heat and hot substances	5·0 (3·6–7·4)	4·0 (3·0–6·3)	4·1 (3·2–6·6)	3·5 (2·6–5·0)	3·2 (2·4–5·0)	3·2 (2·3–4·7)	4·9 (3·5–6·4)
Poisonings	8·1 (5·6–15·8)	7·0 (4·8–13·8)	6·0 (4·0–11·7)	4·0 (2·6–8·1)	3·1 (2·2–5·9)	2·5 (1·7–4·7)	2·5 (1·7–4·4)
Exposure to mechanical forces	11·6 (7·3–21·1)	9·5 (6·3–17·6)	7·5 (4·9–13·5)	4·7 (3·1–8·3)	3·3 (2·1–5·8)	2·4 (1·6–4·0)	2·5 (1·6–4·1)
Mechanical forces (firearm)	4·1 (2·1–6·7)	3·4 (1·7–5·9)	2·4 (1·2–3·9)	1·7 (0·9–3·0)	1·3 (0·6–2·4)	0·8 (0·4–1·4)	0·8 (0·4–1·4)
Mechanical forces (other)	7·5 (4·9–12·8)	6·1 (4·0–11·0)	5·1 (3·2–8·9)	3·0 (2·0–5·2)	2·0 (1·3–3·5)	1·6 (1·1–2·5)	1·7 (1·1–2·9)
Adverse effects of medical treatment	1·0 (0·9–1·2)	1·4 (1·2–1·7)	1·6 (1·3–1·8)	1·7 (1·4–2·0)	1·5 (1·3–1·8)	1·5 (1·3–1·8)	2·1 (1·7–2·5)
Animal contact	2·1 (1·1–3·2)	2·0 (1·2–3·2)	1·9 (1·1–3·1)	1·5 (0·9–2·2)	1·2 (0·7–2·0)	1·0 (0·6–1·6)	1·1 (0·6–1·6)
Animal contact (venomous)	1·6 (0·5–3·1)	1·4 (0·5–3·1)	1·3 (0·4–2·6)	1·0 (0·4–1·9)	0·8 (0·2–1·8)	0·7 (0·2–1·3)	0·7 (0·2–1·4)
Animal contact (non-venomous)	0·5 (0·2–0·9)	0·6 (0·3–1·1)	0·5 (0·3–1·0)	0·4 (0·2–0·8)	0·4 (0·2–0·8)	0·3 (0·2–0·6)	0·3 (0·2–0·6)
Unintentional injuries not classified elsewhere	11·0 (8·1–13·3)	9·4 (7·2–11·2)	8·5 (6·6–10·2)	7·2 (5·9–8·5)	5·9 (4·8–7·1)	5·9 (5·0–7·0)	10·7 (8·9–12·6)
Self-harm and interpersonal violence	44·5 (34·0–58·9)	35·4 (27·4–49·1)	30·8 (23·5–42·4)	23·5 (17·2–33·4)	18·4 (13·1–26·6)	15·5 (11·1–21·4)	17·1 (11·8–23·8)
Self-harm	32·6 (22·8–47·2)	26·9 (19·1–40·0)	24·6 (17·3–35·9)	19·6 (13·3–30·0)	16·0 (10·8–24·2)	14·0 (9·5–19·7)	15·4 (10·0–22·5)
Interpersonal violence	11·9 (6·9–17·5)	8·5 (4·8–12·5)	6·2 (3·6–8·6)	3·9 (2·3–5·8)	2·3 (1·4–3·4)	1·6 (0·9–2·3)	1·7 (1·0–2·3)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
Assault by firearm	4·5 (2·8–6·5)	3·2 (1·7–4·9)	2·3 (1·2–3·4)	1·3 (0·7–2·0)	0·8 (0·4–1·2)	0·5 (0·2–0·7)	0·5 (0·2–0·7)
Assault by sharp object	3·0 (1·7–4·8)	2·1 (1·1–3·4)	1·4 (0·8–2·4)	0·9 (0·5–1·5)	0·5 (0·3–0·9)	0·3 (0·2–0·5)	0·4 (0·2–0·6)
Assault by other means	4·4 (2·8–6·5)	3·2 (2·1–4·8)	2·5 (1·6–3·5)	1·7 (1·0–2·4)	1·0 (0·7–1·5)	0·8 (0·5–1·1)	0·9 (0·5–1·2)
Forces of nature, war, and legal intervention	4·0 (2·3–9·0)	4·2 (2·4–9·5)	3·9 (2·2–8·8)	3·3 (1·8–7·3)	1·9 (1·0–4·0)	0·8 (0·4–1·8)	0·3 (0·2–0·7)
Exposure to forces of nature	1·4 (0·7–3·3)	1·8 (0·8–4·1)	1·8 (0·9–4·2)	1·7 (0·8–3·9)	0·9 (0·4–2·1)	0·4 (0·2–0·9)	0·1 (0·0–0·3)
Collective violence and legal intervention	2·6 (1·5–5·6)	2·4 (1·4–5·2)	2·1 (1·2–4·5)	1·6 (0·9–3·4)	1·0 (0·6–2·1)	0·4 (0·2–0·9)	0·2 (0·1–0·5)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Females, All Ages	Females, 0-6 Days	Females, 7-27 Days	Females, 28-364 Days	Females, 1-4 Years	Females, 5-9 Years	Females, 10-14 Years
All causes	21,545·1 (20,945·2–22,275·3)	1,285·8 (1,077·1–1,506·3)	547·9 (488·3–612·8)	1,635·5 (1,480·9–1,859·8)	1,672·7 (1,555·7–1,812·8)	329·0 (309·7–353·0)	205·7 (191·3–222·5)
Communicable, maternal, neonatal, and nutritional disorders	7,341·7 (6,928·0–7,873·1)	1,186·0 (979·1–1,410·2)	486·3 (428·9–551·9)	1,394·7 (1,246·9–1,633·5)	1,314·5 (1,187·3–1,474·5)	205·9 (182·2–235·6)	103·2 (91·0–120·0)
HIV/AIDS and tuberculosis	670·9 (611·0–763·3)	–	–	20·8 (15·0–30·2)	45·5 (36·6–57·7)	10·6 (8·3–14·1)	7·5 (5·8–10·1)
Tuberculosis	554·7 (500·1–646·5)	–	–	15·5 (9·9–24·5)	26·9 (20·3–37·7)	9·2 (7·0–12·6)	7·2 (5·6–9·8)
HIV/AIDS	116·2 (91·5–149·6)	–	–	5·3 (4·1–6·7)	18·6 (14·2–23·9)	1·4 (1·0–2·0)	0·3 (0·2–0·5)
HIV disease resulting in mycobacterial infection	23·2 (17·9–30·1)	–	–	1·1 (0·9–1·4)	3·9 (2·9–5·2)	0·3 (0·2–0·4)	0·1 (0·0–0·1)
HIV disease resulting in other specified or unspecified diseases	93·0 (72·1–121·0)	–	–	4·2 (3·2–5·3)	14·7 (10·8–19·4)	1·1 (0·8–1·6)	0·2 (0·2–0·4)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	3,692·5 (3,406·6–4,161·1)	156·6 (126·9–192·7)	237·6 (206·8–280·8)	1,032·1 (899·8–1,271·3)	900·6 (771·7–1,093·6)	140·9 (115·8–175·9)	63·9 (52·2–79·6)
Diarrheal diseases	1,227·0 (1,132·9–1,316·0)	29·1 (20·5–44·8)	70·9 (55·9–91·1)	387·9 (336·8–439·4)	332·0 (275·4–384·7)	41·4 (32·8–51·2)	16·9 (13·8–21·0)
Cholera	58·1 (43·0–77·5)	1·6 (0·8–3·0)	3·9 (2·2–6·7)	20·2 (12·6–32·3)	22·6 (15·8–30·7)	2·1 (1·5–3·1)	0·6 (0·4–0·9)
Other salmonella infections	65·0 (51·5–80·3)	1·1 (0·6–1·9)	2·8 (1·7–4·3)	16·4 (11·1–23·1)	16·4 (12·6–21·3)	3·5 (2·6–4·7)	2·1 (1·5–2·8)
Shigellosis	96·4 (73·9–119·9)	1·8 (1·0–3·2)	4·4 (2·6–7·1)	23·2 (15·9–33·4)	24·6 (17·9–32·6)	4·3 (3·0–6·1)	2·3 (1·6–3·2)
Enteropathogenic E coli infection	97·1 (70·8–128·3)	3·7 (2·1–6·9)	9·1 (5·4–14·7)	49·7 (34·3–70·4)	26·4 (18·8–35·7)	1·6 (1·1–2·3)	0·4 (0·3–0·6)
Enterotoxigenic E coli infection	91·1 (70·9–113·0)	1·7 (1·0–2·9)	4·1 (2·6–6·3)	22·6 (16·1–32·3)	20·2 (15·2–26·4)	2·8 (1·9–3·9)	1·4 (0·9–1·9)
Campylobacter enteritis	101·5 (79·6–128·5)	3·0 (1·7–5·3)	7·3 (4·7–11·2)	39·8 (28·8–54·4)	28·1 (20·9–36·8)	2·7 (1·8–3·8)	1·0 (0·7–1·4)
Amoebiasis	34·7 (26·0–44·7)	0·3 (0·1–0·7)	0·8 (0·4–1·5)	4·3 (2·3–7·7)	6·1 (4·2–8·4)	1·0 (0·6–1·4)	0·5 (0·3–0·7)
Cryptosporidiosis	104·6 (82·9–130·2)	3·7 (2·3–6·0)	8·8 (6·1–12·9)	48·8 (36·8–62·8)	33·8 (25·9–42·8)	2·1 (1·5–2·9)	0·4 (0·3–0·6)
Rotaviral enteritis	267·3 (216·1–317·6)	7·8 (4·8–13·4)	18·7 (12·9–26·8)	103·4 (80·0–130·1)	92·2 (71·1–112·7)	7·6 (5·4–10·4)	2·0 (1·4–2·7)
Other diarrheal diseases	311·1 (194·9–454·7)	4·5 (2·1–8·5)	11·1 (5·7–19·9)	59·3 (32·1–98·3)	61·6 (33·2–104·1)	13·8 (8·2–20·6)	6·2 (3·7–9·3)
Typhoid and paratyphoid fevers	56·7 (6·9–105·6)	–	–	3·0 (0·4–5·7)	10·4 (1·3–20·0)	9·1 (1·1–16·8)	6·5 (0·8–12·1)
Lower respiratory infections	1,599·2 (1,477·4–1,719·2)	85·5 (68·4–103·0)	95·2 (82·5–109·0)	405·3 (366·2–447·5)	287·4 (253·6–326·1)	35·7 (27·4–42·7)	19·9 (14·8–23·7)
Influenza	272·8 (247·5–303·0)	12·0 (8·4–16·2)	13·3 (10·2–17·0)	57·8 (45·4–73·6)	42·6 (35·8–51·7)	6·3 (4·8–7·8)	4·0 (2·9–5·0)
Pneumococcal pneumonia	460·6 (417·1–502·9)	15·6 (11·3–20·6)	17·2 (13·3–22·0)	73·6 (58·3–93·0)	83·9 (72·2–97·3)	9·0 (6·8–11·3)	4·1 (3·0–5·1)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Females, All Ages	Females, 0-6 Days	Females, 7-27 Days	Females, 28-364 Days	Females, 1-4 Years	Females, 5-9 Years	Females, 10-14 Years
H influenzae type B pneumonia	276·4 (244·5–310·5)	19·0 (14·0–24·4)	20·9 (16·2–26·5)	91·7 (73·1–111·7)	66·0 (56·0–78·4)	7·8 (5·9–9·9)	3·9 (2·9–4·9)
Respiratory syncytial virus pneumonia	253·9 (212·6–301·9)	30·4 (22·7–39·2)	34·2 (26·9–42·6)	141·9 (117·0–170·5)	40·2 (33·2–48·8)	0·4 (0·3–0·4)	0·2 (0·1–0·2)
Other lower respiratory infections	335·4 (297·0–377·6)	8·6 (5·5–12·8)	9·6 (6·4–14·1)	40·2 (28·1–57·1)	54·8 (43·0–68·3)	12·2 (9·1–15·2)	7·7 (5·6–9·6)
Upper respiratory infections	1·8 (1·7–1·9)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·5 (0·5–0·6)	0·4 (0·3–0·4)	0·1 (0·1–0·1)	<0·05 (0·0–0·05)
Otitis media	2·5 (0·0–29·4)	<0·05 (0·0–0·3)	0·1 (0·0–1·4)	1·3 (0·0–16·0)	0·2 (0·0–2·6)	0·1 (0·0–0·7)	0·1 (0·0–0·6)
Meningitis	228·7 (198·9–286·2)	7·4 (4·7–10·7)	18·5 (12·8–27·0)	60·3 (45·2–82·6)	56·8 (41·3–84·8)	14·0 (9·1–20·9)	6·8 (4·8–10·4)
Pneumococcal meningitis	58·7 (50·3–72·9)	1·4 (0·9–2·1)	3·5 (2·3–5·4)	10·9 (7·9–15·5)	15·5 (11·1–23·6)	4·5 (2·8–6·9)	2·3 (1·6–3·6)
H influenzae type B meningitis	56·0 (45·9–74·3)	2·0 (1·3–3·0)	5·2 (3·4–8·0)	16·8 (12·2–23·2)	20·3 (14·6–30·3)	4·8 (2·9–7·5)	1·6 (1·1–2·6)
Meningococcal infection	35·4 (30·3–43·9)	0·9 (0·5–1·4)	2·2 (1·4–3·2)	6·2 (4·4–8·8)	10·4 (7·6–15·9)	2·7 (1·9–3·7)	1·4 (1·1–2·1)
Other meningitis	78·7 (66·6–95·9)	3·1 (2·0–4·4)	7·6 (5·3–11·2)	26·5 (19·7–36·2)	10·6 (7·8–15·5)	2·1 (1·4–3·1)	1·5 (1·0–2·2)
Encephalitis	69·8 (58·2–86·2)	1·9 (1·1–3·1)	4·9 (2·4–9·0)	15·9 (10·8–22·9)	15·7 (10·1–23·7)	6·9 (3·5–12·1)	3·0 (1·4–5·9)
Diphtheria	3·0 (0·0–25·2)	–	–	0·7 (0·0–5·5)	1·8 (0·0–14·9)	0·4 (0·0–3·1)	0·1 (0·0–0·8)
Whooping cough	80·4 (0·3–399·5)	–	–	63·8 (0·2–313·8)	15·0 (0·1–76·5)	0·7 (0·0–3·7)	0·2 (0·0–0·9)
Tetanus	118·5 (59·3–215·6)	32·5 (13·9–63·3)	47·7 (23·6–84·6)	15·9 (6·4–29·1)	3·2 (0·0–14·7)	2·8 (0·0–12·7)	1·6 (0·0–7·5)
Measles	299·3 (90·5–684·7)	–	–	76·3 (22·4–187·4)	176·5 (54·3–384·4)	29·5 (9·1–66·2)	8·8 (2·5–21·8)
Varicella	5·5 (0·0–37·3)	0·1 (0·0–0·7)	0·2 (0·0–1·3)	1·2 (0·0–8·4)	1·3 (0·0–8·8)	0·3 (0·0–2·1)	0·1 (0·0–0·9)
Neglected tropical diseases and malaria	549·5 (418·0–717·6)	0·2 (0·1–0·4)	9·9 (5·6–16·0)	94·4 (60·1–142·3)	189·3 (121·5–266·1)	28·1 (18·2–42·3)	17·2 (12·2–24·5)
Malaria	455·6 (329·1–624·2)	–	9·4 (5·1–15·4)	89·4 (54·9–137·5)	172·7 (106·1–246·3)	18·2 (9·6–30·7)	11·2 (6·9–18·2)
Chagas disease	3·5 (2·3–5·7)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Leishmaniasis	24·9 (13·5–41·5)	–	0·2 (0·1–0·4)	2·3 (0·9–5·0)	6·1 (2·8–12·0)	3·0 (1·5–6·0)	2·2 (1·1–4·0)
African trypanosomiasis	15·6 (4·7–33·8)	–	–	–	1·4 (0·3–2·8)	1·1 (0·3–2·5)	1·3 (0·4–2·8)
Schistosomiasis	6·4 (0·0–38·3)	–	–	<0·05 (0·0–0·1)	0·1 (0·0–0·5)	<0·05 (0·0–0·3)	0·1 (0·0–0·4)
Cysticercosis	0·4 (0·0–1·4)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Females, All Ages**	**Females, 0-6 Days**	**Females, 7-27 Days**	**Females, 28-364 Days**	**Females, 1-4 Years**	**Females, 5-9 Years**	**Females, 10-14 Years**
Echinococcosis	1·1 (0·0–4·3)	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Dengue	5·8 (1·2–13·2)	–	–	0·5 (0·1–1·6)	1·6 (0·2–6·2)	0·7 (0·1–2·0)	0·3 (0·1–0·5)
Rabies	24·1 (10·1–66·4)	–	–	1·0 (0·2–3·1)	4·9 (1·2–16·7)	4·3 (1·6–11·9)	1·7 (0·7–5·0)
Intestinal nematode infections	1·5 (0·0–7·1)	–	–	0·2 (0·0–0·7)	0·9 (0·0–4·3)	0·2 (0·0–0·9)	<0·05 (0·0–0·2)
Ascariasis	1·5 (0·0–7·1)	–	–	0·2 (0·0–0·7)	0·9 (0·0–4·3)	0·2 (0·0–0·9)	<0·05 (0·0–0·2)
Other neglected tropical diseases	10·6 (6·1–15·2)	0·2 (0·1–0·4)	0·3 (0·2–0·6)	1·0 (0·5–1·8)	1·7 (0·6–4·0)	0·6 (0·2–1·5)	0·3 (0·1–0·7)
Maternal disorders	358·6 (297·7–429·4)	–	–	–	–	–	–
Maternal hemorrhage	84·8 (69·0–101·7)	–	–	–	–	–	–
Maternal sepsis	33·8 (28·0–41·6)	–	–	–	–	–	–
Hypertensive disorders of pregnancy	69·8 (57·6–85·0)	–	–	–	–	–	–
Obstructed labor	19·1 (15·6–23·8)	–	–	–	–	–	–
Abortion	56·1 (46·4–68·7)	–	–	–	–	–	–
Other maternal disorders	95·1 (78·4–112·8)	–	–	–	–	–	–
Neonatal disorders	1.271·7 (1,021·5–1,506·2)	978·9 (777·6–1,192·2)	218·5 (168·3–270·0)	71·8 (50·3–90·8)	2·5 (1·8–3·6)	–	–
Preterm birth complications	500·6 (371·9–619·2)	404·9 (298·7–512·1)	71·5 (47·1–94·2)	23·7 (14·5–32·6)	0·5 (0·2–0·9)	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	258·5 (170·7–360·8)	218·1 (139·5–310·4)	31·2 (19·4–47·3)	8·3 (5·0–12·3)	0·8 (0·4–1·6)	–	–
Sepsis and other infectious disorders of the newborn baby	217·5 (88·5–412·6)	155·4 (62·4–293·3)	47·7 (18·9–93·0)	14·1 (4·8–31·5)	0·2 (0·0–0·6)	–	–
Other neonatal disorders	295·1 (204·9–388·0)	200·4 (132·1–279·9)	68·1 (47·5–88·8)	25·6 (15·9–37·4)	1·0 (0·4–1·9)	–	–
Nutritional deficiencies	487·9 (395·8–628·4)	–	–	117·7 (90·4–153·7)	139·7 (100·9–194·3)	14·9 (9·3–24·6)	8·6 (5·4–14·3)
Protein-energy malnutrition	439·7 (312·4–587·4)	–	–	113·0 (76·4–156·3)	132·2 (91·2–179·3)	13·7 (8·4–23·6)	7·6 (4·5–13·0)
Iodine deficiency	1·0 (0·7–1·4)	–	–	0·1 (0·1–0·2)	0·1 (0·1–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Iron-deficiency anemia	41·4 (30·2–54·5)	–	–	3·9 (2·8–5·7)	7·1 (4·8–10·3)	1·1 (0·8–1·6)	1·0 (0·7–1·4)
Other nutritional deficiencies	5·7 (4·4–8·0)	–	–	0·7 (0·5–1·1)	0·4 (0·3–0·5)	0·1 (0·1–0·1)	<0·05 (0·0–0·1)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Females, All Ages	Females, 0-6 Days	Females, 7-27 Days	Females, 28-364 Days	Females, 1-4 Years	Females, 5-9 Years	Females, 10-14 Years
Other communicable, maternal, neonatal, and nutritional disorders	310·5 (246·7–378·6)	50·3 (32·0–76·8)	20·2 (13·5–27·7)	58·0 (40·7–79·5)	36·8 (22·7–52·7)	11·4 (8·0–16·5)	6·0 (4·5–7·7)
Sexually transmitted diseases excluding HIV	101·3 (61·9–158·4)	44·2 (25·9–70·6)	11·4 (6·7–17·8)	29·1 (17·2–46·9)	7·0 (4·2–11·3)	2·1 (1·2–3·3)	0·2 (0·1–0·3)
Syphilis	94·8 (55·5–149·6)	44·2 (25·7–70·2)	11·4 (6·6–17·9)	29·1 (16·9–46·1)	7·0 (4·0–11·3)	2·1 (1·2–3·3)	<0·05 (0·0–0·05)
Sexually transmitted chlamydial diseases	1·5 (0·8–2·0)	–	–	–	–	–	<0·05 (0·0–0·1)
Gonococcal infection	1·1 (0·6–1·5)	–	–	–	–	–	<0·05 (0·0–0·1)
Other sexually transmitted diseases	3·8 (2·0–5·0)	–	–	–	–	–	0·1 (0·1–0·2)
Hepatitis	91·7 (85·3–98·3)	–	–	7·5 (5·4–10·2)	8·8 (6·2–11·8)	3·7 (2·7–4·9)	3·0 (2·4–3·9)
Acute hepatitis A	44·2 (22·3–73·5)	–	–	5·8 (2·0–10·1)	5·6 (1·1–10·7)	1·4 (0·3–2·9)	1·0 (0·3–1·9)
Acute hepatitis B	23·5 (15·1–30·1)	–	–	1·7 (0·7–3·1)	0·8 (0·3–1·7)	0·3 (0·1–0·5)	0·2 (0·1–0·4)
Acute hepatitis C	3·7 (1·8–5·9)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)
Acute hepatitis E	20·2 (11·4–33·8)	–	–	–	2·4 (1·1–4·4)	2·0 (1·0–3·5)	1·8 (0·9–3·2)
Other infectious diseases	117·5 (69·8–155·1)	6·1 (3·0–9·6)	8·8 (4·4–13·8)	21·3 (9·8–35·3)	20·9 (8·2–34·7)	5·6 (2·7–10·2)	2·8 (1·5–4·3)
Non-communicable diseases	12,814·2 (12,308·2–13,420·7)	91·0 (73·5–119·3)	52·2 (39·7–68·8)	176·2 (140·5–212·3)	191·5 (155·9–226·3)	61·7 (52·0–71·5)	54·4 (47·8–61·5)
Neoplasms	2,555·3 (2,349·4–2,807·4)	0·7 (0·4–1·2)	0·7 (0·3–1·6)	5·6 (3·4–9·1)	11·0 (6·9–15·9)	11·6 (8·4–14·8)	10·3 (7·8–12·7)
Esophageal cancer	123·0 (81·5–165·6)	–	–	–	–	–	–
Stomach cancer	297·2 (177·3–465·5)	–	–	–	–	–	–
Liver cancer	143·2 (111·2–176·9)	–	–	–	–	0·4 (0·2–0·8)	0·4 (0·2–0·7)
Liver cancer secondary to hepatitis B	52·2 (40·2–64·3)	–	–	–	–	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Liver cancer secondary to hepatitis C	44·8 (35·0–53·2)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Liver cancer secondary to alcohol use	30·4 (23·4–37·3)	–	–	–	–	–	–
Other liver cancer	15·8 (11·7–19·6)	–	–	–	–	0·3 (0·1–0·6)	0·3 (0·1–0·5)
Larynx cancer	10·7 (5·5–15·3)	–	–	–	–	–	–
Trachea, bronchus and lung cancers	284·3 (210·6–445·0)	–	–	–	–	–	–

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Females, All Ages	Females, 0-6 Days	Females, 7-27 Days	Females, 28-364 Days	Females, 1-4 Years	Females, 5-9 Years	Females, 10-14 Years
Breast cancer	319·1 (310·1–337·0)	–	–	–	–	–	–
Cervical cancer	192·3 (120·5–264·4)	–	–	–	–	–	–
Uterine cancer	45·2 (25·3–79·4)	–	–	–	–	–	–
Prostate cancer	–	–	–	–	–	–	–
Colon and rectum cancers	246·4 (187·2–297·2)	–	–	–	–	–	–
Mouth cancer	31·4 (21·7–36·9)	–	–	–	–	–	–
Nasopharynx cancer	14·9 (8·7–21·2)	–	–	–	–	0·1 (0·0–0·1)	0·1 (0·1–0·2)
Cancer of other part of pharynx and oropharynx	21·9 (10·1–31·5)	–	–	–	–	–	–
Gallbladder and biliary tract cancer	61·3 (33·5–97·3)	–	–	–	–	–	–
Pancreatic cancer	94·5 (60·1–145·2)	–	–	–	–	–	–
Malignant melanoma of skin	14·4 (8·1–24·0)	–	–	–	–	–	–
Non-melanoma skin cancer	9·1 (3·9–16·9)	–	–	–	–	–	–
Ovarian cancer	113·6 (82·9–138·8)	–	–	–	–	–	–
Testicular cancer	–	–	–	–	–	–	–
Kidney and other urinary organ cancers	34·7 (20·4–56·0)	–	–	0·2 (0·1–0·4)	0·7 (0·3–1·5)	0·4 (0·2–1·0)	0·2 (0·1–0·5)
Bladder cancer	34·5 (29·1–39·2)	–	–	–	–	–	–
Brain and nervous system cancers	58·1 (32·3–97·1)	–	–	–	0·9 (0·3–2·4)	2·0 (1·1–3·2)	1·4 (0·7–2·2)
Thyroid cancer	15·7 (10·3–20·3)	–	–	–	–	–	0·1 (0·1–0·3)
Hodgkin's disease	7·7 (3·9–11·6)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	0·2 (0·0–0·5)	0·2 (0·1–0·3)	0·2 (0·1–0·4)
Non-Hodgkin's lymphoma	60·9 (44·5–73·3)	–	–	0·3 (0·1–0·6)	1·4 (0·6–2·7)	1·4 (0·7–2·3)	1·0 (0·5–1·5)
Multiple myeloma	24·5 (14·8–39·7)	–	–	–	–	–	–
Leukemia	99·3 (67·5–140·8)	–	–	2·4 (1·4–5·1)	4·9 (2·9–8·0)	4·5 (2·8–6·8)	4·5 (2·7–6·6)
Other neoplasms	197·4 (135·4–271·2)	0·6 (0·4–1·1)	0·7 (0·3–1·6)	2·7 (1·3–5·5)	2·9 (1·3–5·8)	2·6 (1·4–4·5)	2·4 (1·4–3·6)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Females, All Ages	Females, 0-6 Days	Females, 7-27 Days	Females, 28-364 Days	Females, 1-4 Years	Females, 5-9 Years	Females, 10-14 Years
Cardiovascular and circulatory diseases	6,153·9 (5,595·5–6,873·9)	4·8 (3·2–6·2)	4·7 (3·3–6·3)	22·6 (17·2–32·8)	23·9 (17·1–32·6)	9·3 (7·2–12·3)	10·6 (8·1–13·5)
Rheumatic heart disease	266·5 (249·5–284·5)	–	–	–	2·8 (1·2–3·8)	1·7 (1·2–2·3)	2·9 (2·2–4·3)
Ischemic heart disease	2,530·2 (2,454·2–2,793·9)	–	–	4·7 (2·9–6·5)	4·6 (2·9–6·1)	1·9 (1·4–2·4)	2·1 (1·6–2·6)
Cerebrovascular disease	2,543·9 (2,317·8–2,945·3)	2·0 (1·2–2·7)	1·9 (1·2–2·8)	6·3 (3·9–9·0)	6·7 (4·4–9·4)	2·9 (2·1–3·7)	3·0 (2·2–3·8)
Ischemic stroke	1,312·6 (1,226·6–1,433·4)	–	–	1·4 (1·0–2·0)	1·7 (1·2–2·5)	0·5 (0·4–0·7)	0·4 (0·3–0·7)
Hemorrhagic and other non-ischemic stroke	1,231·3 (1,004·4–1,460·9)	2·0 (1·2–3·0)	1·9 (1·2–2·8)	4·9 (2·8–7·8)	4·9 (3·0–7·5)	2·3 (1·6–3·2)	2·6 (1·8–3·5)
Hypertensive heart disease	345·2 (239·2–484·8)	–	–	1·1 (0·7–1·6)	1·4 (0·9–2·1)	0·4 (0·2–0·6)	0·3 (0·2–0·4)
Cardiomyopathy and myocarditis	120·8 (97·7–139·7)	1·1 (0·6–2·0)	1·4 (0·6–3·1)	3·4 (1·6–7·7)	3·4 (1·2–8·7)	1·2 (0·6–2·5)	1·0 (0·6–1·9)
Atrial fibrillation and flutter	22·1 (17·7–29·2)	–	–	–	–	–	–
Aortic aneurysm	55·7 (35·1–79·0)	–	–	–	–	–	–
Peripheral vascular disease	10·1 (5·1–14·7)	–	–	–	–	–	–
Endocarditis	17·3 (13·1–24·0)	0·3 (0·2–0·5)	0·3 (0·2–0·4)	1·4 (0·9–2·0)	1·4 (0·9–1·9)	0·3 (0·2–0·5)	0·3 (0·2–0·4)
Other cardiovascular and circulatory diseases	242·2 (220·6–258·8)	1·5 (0·9–2·2)	1·1 (0·5–1·7)	5·8 (3·2–8·9)	3·6 (1·3–6·1)	1·0 (0·6–1·5)	1·0 (0·7–1·3)
Chronic respiratory diseases	1,818·8 (1,770·6–1,872·5)	2·7 (2·2–3·2)	4·0 (3·2–4·9)	24·6 (21·0–29·1)	25·8 (22·2–29·5)	4·6 (3·8–5·5)	3·8 (3·3–4·5)
Chronic obstructive pulmonary disease	1,445·3 (1,384·7–1,500·8)	–	–	11·5 (8·8–14·7)	8·6 (5·8–12·2)	1·5 (0·9–2·3)	1·2 (0·8–1·8)
Pneumoconiosis	53·8 (30·2–91·7)	–	–	–	0·5 (0·1–1·2)	0·1 (0·0–0·4)	0·1 (0·0–0·2)
Asthma	167·1 (133·8–279·4)	–	–	–	8·6 (2·8–16·6)	1·6 (0·7–3·4)	1·4 (0·8–3·0)
Other interstitial lung disease	24·5 (13·5–40·2)	–	–	–	0·5 (0·1–1·2)	0·1 (0·0–0·2)	0·1 (0·0–0·1)
Other chronic respiratory diseases	128·1 (82·4–207·0)	2·7 (1·6–4·7)	4·0 (2·3–7·1)	13·0 (4·9–28·9)	7·8 (2·0–18·6)	1·3 (0·4–2·9)	1·0 (0·4–2·3)
Cirrhosis of the liver	273·9 (205·5–309·1)	–	–	–	7·8 (5·2–10·8)	1·9 (1·3–2·4)	2·0 (1·4–2·8)
Cirrhosis of the liver secondary to hepatitis B	89·9 (67·6–98·7)	–	–	–	0·4 (0·3–0·5)	0·2 (0·2–0·3)	0·4 (0·3–0·5)
Cirrhosis of the liver secondary to hepatitis C	97·6 (78·1–111·1)	–	–	–	0·2 (0·2–0·3)	0·2 (0·1–0·2)	0·3 (0·2–0·4)
Cirrhosis of the liver secondary to alcohol use	38·0 (31·5–42·8)	–	–	–	–	–	–

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Cause	Females, All Ages	Females, 0-6 Days	Females, 7-27 Days	Females, 28-364 Days	Females, 1-4 Years	Females, 5-9 Years	Females, 10-14 Years
Other cirrhosis of the liver	48·4 (40·1–54·7)	–	–	–	7·2 (5·1–10·2)	1·4 (1·1–2·0)	1·4 (1·0–1·9)
Digestive diseases (except cirrhosis)	448·8 (429·7–469·4)	–	–	–	28·7 (23·6–35·3)	5·0 (4·2–6·0)	5·0 (4·1–6·1)
Peptic ulcer disease	124·4 (95·3–135·5)	–	–	–	5·2 (3·0–8·3)	1·3 (0·8–1·7)	1·7 (1·0–2·2)
Gastritis and duodenitis	7·5 (4·7–11·9)	–	–	–	0·5 (0·2–1·2)	0·1 (0·0–0·2)	0·1 (0·0–0·1)
Appendicitis	17·3 (10·3–25·4)	–	–	–	2·8 (1·5–6·0)	0·6 (0·4–1·1)	0·6 (0·3–0·9)
Paralytic ileus and intestinal obstruction without hernia	58·0 (33·7–70·1)	–	–	–	4·5 (2·1–7·6)	0·9 (0·4–1·5)	0·8 (0·3–1·4)
Inguinal or femoral hernia	11·5 (11·1–11·8)	–	–	–	1·3 (1·2–1·4)	0·2 (0·2–0·2)	0·1 (0·1–0·1)
Noninfective inflammatory bowel disease	16·7 (8·1–22·0)	–	–	–	4·4 (0·4–8·2)	0·4 (0·1–0·8)	0·2 (0·1–0·5)
Vascular disorders of intestine	27·6 (14·6–49·4)	–	–	–	0·2 (0·0–0·5)	0·1 (0·0–0·2)	<0·05 (0·0–0·1)
Gall bladder and bile duct disease	43·1 (33·7–59·6)	–	–	–	1·6 (0·5–3·1)	0·3 (0·2–0·4)	0·3 (0·1–0·6)
Pancreatitis	20·6 (14·2–26·9)	–	–	–	0·3 (0·1–0·6)	0·1 (0·0–0·2)	0·1 (0·1–0·2)
Other digestive diseases	122·1 (74·3–165·0)	–	–	–	7·9 (3·5–14·6)	1·1 (0·6–2·0)	1·1 (0·6–2·0)
Neurological disorders	311·6 (224·0–396·5)	–	–	7·8 (4·2–14·9)	15·8 (6·7–34·9)	7·0 (4·3–10·9)	5·9 (3·7–8·5)
Alzheimer's disease and other dementias	93·0 (64·6–160·3)	–	–	–	–	0·7 (0·3–1·2)	0·4 (0·2–0·8)
Parkinson's disease	26·1 (17·8–38·4)	–	–	–	–	–	–
Epilepsy	58·6 (35·3–78·8)	–	–	2·8 (1·3–5·2)	9·8 (2·9–25·8)	2·9 (1·5–4·9)	2·5 (1·5–3·4)
Multiple sclerosis	8·5 (5·2–11·0)	–	–	–	–	–	–
Other neurological disorders	125·4 (53·0–184·5)	–	–	4·9 (2·1–11·2)	6·1 (2·4–15·5)	3·5 (1·4–6·7)	3·0 (1·3–5·5)
Mental and behavioral disorders	40·5 (26·9–58·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·3 (0·1–0·7)	1·1 (0·3–2·3)	0·3 (0·1–0·5)	0·3 (0·1–0·5)
Schizophrenia	9·0 (5·2–11·9)	–	–	–	–	–	–
Alcohol use disorders	15·0 (6·4–28·8)	–	–	–	–	–	–
Drug use disorders	8·8 (4·7–14·0)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·3 (0·1–0·7)	0·9 (0·2–2·1)	0·2 (0·1–0·4)	0·2 (0·1–0·4)
Opioid use disorders	2·8 (1·5–4·7)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·0–0·2)	0·3 (0·1–0·7)	0·1 (0·0–0·1)	0·1 (0·0–0·1)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Females, All Ages	Females, 0-6 Days	Females, 7-27 Days	Females, 28-364 Days	Females, 1-4 Years	Females, 5-9 Years	Females, 10-14 Years
Cocaine use disorders	0·4 (0·2–0·7)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Amphetamine use disorders	0·1 (0·0–0·2)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	5·5 (2·9–8·7)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·2 (0·1–0·5)	0·6 (0·1–1·3)	0·1 (0·0–0·3)	0·1 (0·0–0·3)
Eating disorders	3·0 (1·2–4·8)	–	–	–	–	0·1 (0·0–0·1)	<0·05 (0·0–0·1)
Other mental and behavioral disorders	4·7 (2·0–7·3)	–	–	–	0·2 (0·0–0·4)	0·1 (0·0–0·1)	<0·05 (0·0–0·1)
Diabetes, urogenital, blood, and endocrine diseases	804·0 (721·2–928·3)	2·8 (1·6–4·3)	2·9 (1·4–4·5)	19·9 (11·8–28·6)	32·1 (13·5–52·0)	12·0 (6·8–21·9)	9·7 (6·5–14·5)
Diabetes mellitus	376·3 (346·4–445·3)	0·4 (0·3–0·6)	0·4 (0·2–0·5)	2·5 (1·4–3·6)	2·4 (1·4–3·4)	0·9 (0·6–1·3)	1·2 (0·8–1·6)
Acute glomerulonephritis	45·4 (20·2–126·6)	–	–	3·6 (1·1–10·8)	7·9 (1·5–23·3)	3·5 (0·8–12·7)	2·6 (0·7–6·7)
Chronic kidney diseases	193·3 (150·3–249·4)	–	–	3·5 (1·8–5·8)	4·7 (2·1–7·3)	2·1 (1·1–3·7)	1·8 (1·0–2·9)
Chronic kidney disease due to diabetes mellitus	47·5 (37·3–61·8)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Chronic kidney disease due to hypertension	42·0 (32·9–54·6)	–	–	0·4 (0·2–0·7)	0·5 (0·2–0·9)	0·3 (0·1–0·5)	0·3 (0·1–0·4)
Chronic kidney disease unspecified	103·8 (80·6–131·6)	–	–	3·1 (1·6–5·1)	4·1 (1·8–6·3)	1·8 (1·0–3·2)	1·5 (0·9–2·5)
Urinary diseases and male infertility	71·7 (48·7–90·4)	0·2 (0·1–0·4)	0·3 (0·1–0·5)	1·1 (0·5–2·1)	1·3 (0·6–2·5)	0·3 (0·2–0·5)	0·4 (0·2–0·6)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	46·0 (32·8–61·7)	0·1 (0·1–0·2)	0·2 (0·1–0·4)	0·9 (0·4–1·9)	1·0 (0·4–1·8)	0·2 (0·1–0·3)	0·2 (0·1–0·3)
Urolithiasis	8·9 (4·3–15·2)	–	–	–	–	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Other urinary diseases	16·9 (11·2–21·5)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·2 (0·1–0·5)	0·3 (0·1–0·8)	0·1 (0·0–0·1)	0·1 (0·1–0·1)
Gynecological diseases	5·1 (3·7–6·4)	–	–	–	–	–	–
Uterine fibroids	0·4 (0·3–0·5)	–	–	–	–	–	–
Endometriosis	<0·05 (0·0–0·05)	–	–	–	–	–	–
Genital prolapse	0·2 (0·1–0·2)	–	–	–	–	–	–
Other gynecological diseases	4·5 (3·2–5·7)	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	61·2 (30·2–100·3)	1·1 (0·5–1·9)	1·1 (0·4–1·8)	4·8 (1·7–8·6)	11·5 (2·2–24·1)	3·6 (1·3–6·9)	2·7 (1·3–5·0)
Thalassemias	13·4 (5·8–18·7)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·8 (0·3–1·3)	2·8 (0·6–4·8)	1·5 (0·4–2·5)	1·2 (0·5–2·0)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Females, All Ages**	**Females, 0-6 Days**	**Females, 7-27 Days**	**Females, 28-364 Days**	**Females, 1-4 Years**	**Females, 5-9 Years**	**Females, 10-14 Years**
Sickle cell disorders	12·9 (6·2–20·2)	0·1 (0·0–0·1)	0·2 (0·1–0·3)	1·6 (0·6–2·6)	4·5 (1·1–8·4)	1·4 (0·7–2·4)	0·9 (0·5–1·5)
G6PD deficiency	1·8 (1·1–2·4)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·0–0·1)	0·3 (0·1–0·6)	0·2 (0·1–0·3)	0·1 (0·0–0·2)
Other hemoglobinopathies and hemolytic anemias	33·2 (15·9–54·1)	1·0 (0·5–1·7)	0·8 (0·3–1·6)	2·4 (0·5–4·9)	4·0 (0·2–12·8)	0·6 (0·1–2·0)	0·5 (0·1–1·5)
Other endocrine, nutritional, blood, and immune disorders	51·0 (23·3–78·4)	1·0 (0·2–2·4)	1·1 (0·2–2·5)	4·3 (1·3–8·6)	4·3 (0·8–10·7)	1·6 (0·3–3·8)	1·1 (0·3–2·5)
Musculoskeletal disorders	45·4 (24·9–64·4)	–	–	–	–	0·3 (0·2–0·5)	0·5 (0·3–0·8)
Rheumatoid arthritis	20·4 (13·4–29·1)	–	–	–	–	0·1 (0·1–0·3)	0·1 (0·1–0·2)
Other musculoskeletal disorders	25·0 (17·2–29·4)	–	–	–	–	0·2 (0·1–0·4)	0·4 (0·2–0·7)
Other non-communicable diseases	362·0 (280·5–470·5)	80·0 (62·9–108·9)	39·9 (28·1–58·1)	95·4 (66·5–133·0)	45·4 (30·6–70·3)	9·7 (7·0–13·9)	6·3 (4·6–9·6)
Congenital anomalies	299·1 (225·3–412·4)	80·0 (62·9–108·9)	35·6 (26·2–52·7)	81·7 (56·1–122·2)	40·6 (26·3–65·2)	9·0 (6·2–13·2)	5·6 (4·0–9·0)
Neural tube defects	54·1 (24·1–91·0)	23·7 (11·2–40·3)	7·3 (2·9–13·2)	11·0 (4·0–21·7)	5·4 (1·4–12·0)	1·3 (0·4–3·0)	1·0 (0·3–2·8)
Congenital heart anomalies	123·5 (92·9–166·2)	28·4 (20·6–36·2)	14·1 (9·4–22·0)	31·4 (20·6–48·8)	18·0 (11·4–30·4)	4·3 (2·6–7·0)	2·6 (1·5–4·3)
Cleft lip and cleft palate	1·7 (0·5–3·8)	0·6 (0·2–1·3)	0·3 (0·1–0·8)	0·6 (0·2–1·5)	0·2 (0·1–0·5)	–	–
Down's syndrome	12·1 (4·5–22·1)	1·6 (0·6–3·2)	1·3 (0·4–2·8)	3·2 (1·1–6·7)	2·6 (0·6–6·0)	0·4 (0·1–1·1)	0·3 (0·1–0·7)
Other chromosomal abnormalities	18·5 (5·6–48·6)	5·2 (1·7–13·5)	3·2 (1·0–8·4)	6·6 (1·6–20·7)	1·7 (0·3–5·3)	0·4 (0·1–1·3)	0·3 (0·1–0·9)
Other congenital anomalies	89·3 (46·9–137·1)	20·5 (11·4–31·8)	9·4 (4·6–15·5)	28·8 (12·5–50·8)	12·8 (4·5–25·1)	2·6 (1·1–5·3)	1·4 (0·6–2·7)
Skin and subcutaneous diseases	49·6 (34·4–64·9)	–	–	4·7 (2·4–7·5)	4·8 (1·8–8·6)	0·7 (0·4–1·1)	0·7 (0·4–1·1)
Cellulitis	12·2 (8·1–15·5)	–	–	1·0 (0·5–1·6)	1·5 (0·6–2·7)	0·3 (0·2–0·4)	0·2 (0·1–0·4)
Abscess, impetigo, and other bacterial skin diseases	19·7 (12·9–25·1)	–	–	3·7 (1·9–5·8)	3·1 (1·1–5·5)	0·4 (0·2–0·6)	0·4 (0·2–0·5)
Decubitus ulcer	17·5 (12·5–23·3)	–	–	–	0·1 (0·1–0·2)	<0·05 (0·0–0·1)	0·1 (0·1–0·2)
Other skin and subcutaneous diseases	0·2* (0·0–0·1)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	13·4 (5·3–34·7)	–	4·3 (1·2–15·1)	9·0 (3·9–22·6)	–	–	–
Injuries	1,389·3 (1,272·5–1,554·2)	8·8 (7·1–10·5)	9·5 (7·4–11·8)	64·6 (51·3–77·2)	166·6 (135·8–200·4)	61·5 (53·1–72·7)	48·1 (42·7–57·1)
Transport injuries	252·4 (196·9–307·6)	0·5 (0·2–0·8)	0·6 (0·4–1·0)	5·5 (3·6–8·2)	24·8 (16·4–35·8)	14·9 (11·4–19·0)	11·0 (8·2–13·8)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Females, All Ages	Females, 0-6 Days	Females, 7-27 Days	Females, 28-364 Days	Females, 1-4 Years	Females, 5-9 Years	Females, 10-14 Years
Road injury	238·3 (186·0–270·3)	0·4 (0·2–0·7)	0·5 (0·3–0·8)	5·1 (3·6–7·6)	23·0 (18·1–31·2)	14·1 (11·6–17·0)	10·3 (8·2–12·3)
Pedestrian injury by road vehicle	61·1 (40·1–79·8)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·8 (0·3–1·7)	7·5 (2·8–15·1)	4·6 (2·6–6·7)	2·9 (1·8–3·9)
Pedal cycle vehicle	13·0 (7·8–19·9)	–	–	–	0·8 (0·3–1·7)	0·8 (0·4–1·6)	0·8 (0·5–1·4)
Motorized vehicle with two wheels	25·2 (17·0–37·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·5 (0·2–1·1)	2·0 (0·7–3·5)	1·0 (0·5–1·9)	0·9 (0·5–1·6)
Motorized vehicle with three or more wheels	96·4 (72·3–132·6)	0·3 (0·1–0·6)	0·3 (0·1–0·6)	2·6 (0·9–4·9)	9·0 (3·4–15·1)	5·3 (2·9–8·2)	3·7 (2·4–5·7)
Road injury other	42·6 (12·7–79·2)	<0·05 (0·0–0·05)	0·1 (0·0–0·3)	1·1 (0·3–2·9)	3·7 (0·9–9·6)	2·4 (0·7–5·1)	2·0 (0·6–4·3)
Other transport injury	14·1 (8·1–20·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·4 (0·1–0·8)	1·8 (0·3–3·5)	0·8 (0·3–1·7)	0·6 (0·3–1·2)
Unintentional injuries other than transport injuries	777·1 (704·6–894·3)	6·4 (5·0–8·0)	7·9 (6·1–10·3)	55·1 (42·5–68·1)	134·3 (105·6–164·9)	43·2 (36·1–52·9)	28·8 (24·6–35·1)
Falls	146·1 (121·6–179·7)	0·4 (0·3–0·6)	0·4 (0·2–0·6)	3·6 (2·3–6·4)	11·2 (6·2–18·0)	3·6 (2·5–5·0)	2·2 (1·6–3·1)
Drowning	143·3 (110·6–179·5)	0·4 (0·2–0·7)	0·2 (0·1–0·5)	4·8 (3·1–6·8)	54·0 (38·3–72·3)	14·9 (10·9–19·4)	10·2 (7·6–13·1)
Fire, heat and hot substances	153·9 (118·1–191·8)	0·4 (0·3–0·6)	0·8 (0·6–1·1)	7·2 (4·8–10·0)	24·4 (13·9–36·5)	7·7 (5·1–11·3)	3·9 (2·7–5·6)
Poisonings	71·9 (55·7–126·0)	0·3 (0·2–0·6)	0·7 (0·4–1·3)	3·1 (1·9–5·3)	9·6 (5·6–18·7)	2·8 (1·9–5·3)	2·6 (1·7–5·2)
Exposure to mechanical forces	87·6 (52·0–156·2)	0·4 (0·1–0·9)	0·4 (0·2–1·0)	2·3 (1·1–4·0)	15·2 (5·2–33·2)	6·9 (3·0–14·7)	4·6 (2·0–10·2)
Mechanical forces (firearm)	44·9 (11·2–107·5)	0·2 (0·0–0·6)	<0·05 (0·0–0·05)	1·0 (0·3–2·3)	5·5 (0·9–14·4)	3·4 (0·7–9·1)	2·8 (0·6–7·8)
Mechanical forces (other)	42·6 (16·9–78·1)	0·1 (0·0–0·3)	0·4 (0·1–0·9)	1·3 (0·3–2·7)	9·7 (2·3–24·4)	3·5 (1·1–9·1)	1·8 (0·6–4·9)
Adverse effects of medical treatment	17·2 (8·7–24·5)	0·3 (0·1–0·5)	0·4 (0·1–0·6)	1·5 (0·5–2·7)	1·5 (0·4–2·7)	0·3 (0·1–0·5)	0·2 (0·1–0·3)
Animal contact	36·2 (20·2–53·1)	0·6 (0·2–1·3)	0·7 (0·3–1·5)	3·5 (1·2–7·0)	6·6 (1·9–11·6)	2·9 (1·3–4·9)	2·0 (0·9–3·4)
Animal contact (venomous)	25·4 (10·2–45·0)	0·3 (0·1–0·8)	0·7 (0·3–1·5)	2·0 (0·6–4·2)	4·4 (1·3–9·1)	2·2 (0·8–4·5)	1·5 (0·5–2·9)
Animal contact (non-venomous)	10·8 (3·6–20·9)	0·3 (0·1–1·0)	<0·05 (0·0–0·05)	1·5 (0·3–4·7)	2·2 (0·5–5·8)	0·6 (0·2–1·3)	0·5 (0·2–1·1)
Unintentional injuries not classified elsewhere	120·9 (89·9–140·3)	3·7 (2·0–5·1)	4·3 (2·6–6·0)	29·1 (19·5–40·0)	11·8 (7·7–16·6)	4·3 (2·9–5·9)	3·1 (2·0–4·3)
Self-harm and interpersonal violence	324·8 (231·8–434·0)	1·2 (0·7–1·7)	0·4 (0·2–0·7)	2·0 (1·4–2·6)	4·7 (2·9–6·5)	2·6 (1·9–3·3)	6·6 (4·7–9·9)
Self-harm	257·8 (169·1–365·3)	–	–	–	–	0·6 (0·3–1·0)	4·4 (2·8–7·7)
Interpersonal violence	67·1 (51·6–74·6)	1·2 (0·7–1·7)	0·4 (0·2–0·7)	2·0 (1·4–2·6)	4·7 (2·9–6·5)	2·1 (1·4–2·5)	2·1 (1·6–2·5)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Females, All Ages**	**Females, 0-6 Days**	**Females, 7-27 Days**	**Females, 28-364 Days**	**Females, 1-4 Years**	**Females, 5-9 Years**	**Females, 10-14 Years**
Assault by firearm	18·2 (9·1–30·9)	0·1 (0·0–0·2)	0·2 (0·0–1·1)	0·2 (0·1–0·5)	0·7 (0·2–1·6)	0·4 (0·2–0·7)	0·6 (0·3–1·0)
Assault by sharp object	15·2 (9·4–22·7)	0·1 (0·0–0·2)	<0·05 (0·0–0·05)	0·2 (0·1–0·3)	0·5 (0·1–1·2)	0·2 (0·1–0·4)	0·3 (0·2–0·5)
Assault by other means	33·6 (26·3–39·6)	1·0 (0·6–1·7)	0·2 (0·0–0·3)	1·6 (1·0–2·3)	3·5 (1·6–5·5)	1·4 (0·9–1·9)	1·2 (0·8–1·7)
Forces of nature, war, and legal intervention	35·0 (21·5–69·8)	0·7 (0·5–1·0)	0·6 (0·4–0·7)	2·0 (1·5–2·6)	2·8 (2·3–3·6)	0·6 (0·5–0·8)	1·8 (1·0–4·0)
Exposure to forces of nature	11·3 (6·2–24·1)	0·3 (0·2–0·4)	0·2 (0·1–0·3)	0·7 (0·5–1·1)	0·6 (0·4–0·9)	0·2 (0·1–0·3)	0·5 (0·2–1·3)
Collective violence and legal intervention	23·6 (15·3–45·2)	0·4 (0·3–0·7)	0·4 (0·3–0·5)	1·3 (0·9–1·7)	2·2 (1·8–2·8)	0·5 (0·4–0·6)	1·3 (0·7–2·8)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
All causes	315·1 (292·2–342·9)	390·3 (363·5–424·7)	386·5 (361·4–417·8)	391·7 (367·5–419·6)	459·9 (422·0–501·0)	463·3 (434·6–498·3)	527·1 (493·4–562·7)
Communicable, maternal, neonatal, and nutritional disorders	139·3 (121·0–161·1)	196·5 (176·1–221·0)	197·0 (176·8–221·8)	179·7 (161·2–203·7)	184·6 (162·4–210·4)	140·3 (125·4–159·1)	128·0 (114·7–143·3)
HIV/AIDS and tuberculosis	17·0 (14·4–21·1)	37·6 (31·6–46·7)	49·7 (42·9–58·2)	47·0 (39·3–56·1)	50·2 (41·6–59·6)	40·9 (34·0–48·8)	42·3 (35·1–50·9)
Tuberculosis	13·8 (11·4–17·7)	25·7 (20·5–34·6)	32·6 (26·6–40·6)	31·7 (25·4–39·4)	36·7 (29·2–44·7)	31·2 (25·6–38·3)	34·0 (27·7–41·7)
HIV/AIDS	3·2 (2·3–4·4)	11·9 (9·0–15·6)	17·1 (13·4–21·4)	15·3 (11·6–19·9)	13·5 (8·3–18·2)	9·6 (6·1–13·8)	8·4 (4·8–12·9)
HIV disease resulting in mycobacterial infection	0·6 (0·4–0·9)	2·5 (1·8–3·4)	3·5 (2·6–4·5)	3·0 (2·2–4·0)	2·6 (1·4–3·6)	1·8 (1·1–2·7)	1·6 (0·8–2·5)
HIV disease resulting in other specified or unspecified diseases	2·5 (1·8–3·6)	9·4 (6·9–12·6)	13·6 (10·6–17·4)	12·3 (9·2–16·3)	10·8 (6·8–14·8)	7·8 (4·9–11·2)	6·8 (3·9–10·4)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	45·9 (37·8–55·8)	48·4 (40·7–56·2)	44·3 (37·3–52·2)	41·0 (34·9–48·0)	43·5 (37·0–51·1)	36·8 (31·5–42·8)	40·2 (34·6–46·3)
Diarrheal diseases	16·0 (12·0–21·6)	19·2 (15·2–24·2)	18·1 (14·3–23·0)	17·0 (13·5–21·7)	17·9 (13·8–23·3)	14·7 (11·6–18·3)	16·3 (13·4–20·1)
Cholera	0·6 (0·4–1·0)	0·8 (0·5–1·1)	0·7 (0·5–1·0)	0·7 (0·4–1·0)	0·7 (0·5–1·0)	0·5 (0·4–0·8)	0·5 (0·3–0·7)
Other salmonella infections	1·8 (1·2–2·7)	2·0 (1·5–2·9)	1·8 (1·2–2·6)	1·6 (1·1–2·2)	1·5 (1·0–2·1)	1·1 (0·8–1·7)	1·2 (0·8–1·6)
Shigellosis	2·1 (1·3–3·2)	2·3 (1·6–3·3)	2·1 (1·4–3·0)	1·8 (1·2–2·6)	1·7 (1·1–2·5)	1·3 (0·8–1·9)	1·5 (1·0–2·1)
Enteropathogenic E coli infection	0·3 (0·2–0·6)	0·4 (0·2–0·5)	0·3 (0·2–0·4)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·2 (0·1–0·2)
Enterotoxigenic E coli infection	1·4 (0·9–2·2)	1·8 (1·2–2·6)	1·9 (1·3–2·8)	1·9 (1·3–2·8)	2·2 (1·4–3·2)	1·9 (1·2–2·7)	2·0 (1·4–2·9)
Campylobacter enteritis	0·9 (0·6–1·5)	1·1 (0·7–1·6)	1·0 (0·6–1·5)	0·9 (0·6–1·3)	0·9 (0·6–1·3)	0·7 (0·5–1·1)	0·8 (0·5–1·1)
Amoebiasis	0·5 (0·3–0·8)	0·7 (0·5–1·1)	0·8 (0·5–1·2)	0·9 (0·6–1·3)	1·0 (0·6–1·5)	0·9 (0·6–1·4)	1·0 (0·7–1·4)
Cryptosporidiosis	0·4 (0·2–0·6)	0·5 (0·3–0·7)	0·4 (0·3–0·6)	0·4 (0·3–0·6)	0·4 (0·2–0·6)	0·3 (0·2–0·4)	0·3 (0·2–0·5)
Rotaviral enteritis	1·8 (1·2–2·7)	2·0 (1·4–2·8)	1·8 (1·2–2·6)	1·6 (1·0–2·3)	1·5 (1·0–2·2)	1·2 (0·8–1·7)	1·4 (1·0–2·0)
Other diarrheal diseases	6·1 (3·5–10·1)	7·6 (4·5–11·7)	7·3 (4·2–11·3)	7·1 (4·2–11·0)	7·8 (4·6–12·6)	6·6 (4·1–10·0)	7·4 (4·6–10·7)
Typhoid and paratyphoid fevers	5·7 (0·7–10·6)	4·8 (0·6–8·8)	3·8 (0·5–7·1)	3·0 (0·4–5·6)	2·4 (0·3–4·5)	1·7 (0·2–3·3)	1·4 (0·2–2·6)
Lower respiratory infections	12·7 (9·4–14·8)	14·2 (10·7–16·7)	14·2 (10·9–16·8)	13·8 (10·4–16·3)	16·1 (12·5–19·0)	15·2 (11·4–17·9)	16·2 (12·5–19·2)
Influenza	2·7 (2·0–3·2)	3·1 (2·4–3·8)	3·3 (2·5–3·9)	3·3 (2·5–4·0)	4·0 (3·2–4·8)	3·9 (2·9–4·6)	4·0 (3·1–4·8)
Pneumococcal pneumonia	3·0 (2·2–3·6)	3·7 (2·8–4·4)	4·1 (3·1–5·0)	4·4 (3·3–5·2)	5·5 (4·2–6·4)	5·4 (4·1–6·5)	5·9 (4·5–7·0)
H influenzae type B pneumonia	2·4 (1·8–3·0)	2·6 (2·0–3·2)	2·6 (2·0–3·1)	2·4 (1·9–2·9)	2·8 (2·2–3·3)	2·6 (1·9–3·0)	2·5 (2·0–3·1)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
Respiratory syncytial virus pneumonia	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·2)
Other lower respiratory infections	4·4 (3·2–5·2)	4·6 (3·5–5·5)	4·0 (3·0–4·9)	3·5 (2·6–4·3)	3·6 (2·7–4·5)	3·2 (2·3–4·0)	3·7 (2·8–4·5)
Upper respiratory infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Otitis media	0·1 (0·0–0·7)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	0·1 (0·0–0·5)
Meningitis	4·9 (3·8–6·8)	5·0 (3·8–7·0)	4·4 (3·3–6·1)	4·0 (2·9–5·5)	4·2 (2·9–6·1)	3·0 (2·3–4·0)	3·6 (2·6–5·2)
Pneumococcal meningitis	1·7 (1·3–2·4)	1·8 (1·3–2·7)	1·6 (1·2–2·4)	1·5 (1·0–2·1)	1·5 (1·0–2·3)	1·0 (0·7–1·4)	1·2 (0·9–1·8)
H influenzae type B meningitis	0·7 (0·6–1·1)	0·4 (0·3–0·6)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·2)	0·2 (0·1–0·3)
Meningococcal infection	1·1 (0·9–1·4)	1·1 (0·8–1·5)	1·0 (0·7–1·3)	0·9 (0·6–1·2)	0·9 (0·6–1·2)	0·6 (0·5–0·8)	0·7 (0·5–1·0)
Other meningitis	1·4 (1·1–1·9)	1·7 (1·3–2·3)	1·6 (1·2–2·2)	1·5 (1·1–2·1)	1·6 (1·1–2·3)	1·2 (0·9–1·7)	1·4 (1·0–2·1)
Encephalitis	1·7 (0·9–3·0)	2·1 (1·1–3·7)	1·7 (0·9–3·1)	1·4 (0·7–2·6)	1·4 (0·7–2·8)	0·9 (0·5–1·6)	1·3 (0·7–2·5)
Diphtheria	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Whooping cough	0·1 (0·0–0·5)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·3)
Tetanus	1·1 (0·0–5·0)	1·0 (0·0–4·5)	0·9 (0·0–4·1)	0·9 (0·0–4·3)	1·0 (0·0–4·6)	0·9 (0·0–4·3)	1·0 (0·0–4·9)
Measles	3·7 (1·0–9·4)	2·0 (0·6–5·0)	1·0 (0·3–2·6)	0·6 (0·2–1·5)	0·4 (0·1–0·9)	0·2 (0·1–0·6)	0·1 (0·0–0·4)
Varicella	0·1 (0·0–0·6)	0·1 (0·0–0·6)	0·1 (0·0–0·8)	0·2 (0·0–1·0)	0·1 (0·0–0·8)	0·1 (0·0–0·5)	0·1 (0·0–0·6)
Neglected tropical diseases and malaria	18·3 (11·8–30·4)	17·9 (11·9–28·3)	16·1 (10·1–26·7)	14·3 (9·2–23·5)	14·3 (9·2–24·4)	13·0 (8·6–21·6)	12·3 (8·3–19·8)
Malaria	13·3 (7·3–25·5)	13·0 (7·6–23·1)	11·5 (6·3–22·1)	9·9 (5·2–19·6)	9·8 (5·3–20·0)	9·0 (5·1–17·7)	8·5 (4·9–16·2)
Chagas disease	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·5)
Leishmaniasis	1·6 (0·8–3·0)	1·4 (0·7–2·4)	1·1 (0·6–1·9)	1·0 (0·5–1·6)	0·9 (0·5–1·6)	0·8 (0·4–1·4)	0·8 (0·4–1·3)
African trypanosomiasis	1·7 (0·6–3·7)	1·8 (0·6–4·1)	1·8 (0·6–4·0)	1·7 (0·6–3·9)	1·5 (0·5–3·3)	1·2 (0·4–2·6)	0·9 (0·2–1·9)
Schistosomiasis	0·1 (0·0–0·6)	0·1 (0·0–0·8)	0·2 (0·0–0·9)	0·2 (0·0–1·1)	0·3 (0·0–1·8)	0·4 (0·0–2·0)	0·4 (0·0–2·5)
Cysticercosis	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Echinococcosis	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Dengue	0·2 (0·0–0·4)	0·2 (0·0–0·4)	0·2 (0·0–0·5)	0·2 (0·0–0·4)	0·2 (0·0–0·7)	0·2 (0·0–0·4)	0·2 (0·0–0·5)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
Rabies	1·0 (0·3–3·2)	1·0 (0·3–2·7)	0·9 (0·3–2·6)	0·8 (0·3–2·5)	0·9 (0·3–2·7)	0·8 (0·3–2·3)	0·9 (0·3–2·1)
Intestinal nematode infections	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Ascariasis	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other neglected tropical diseases	0·3 (0·1–0·5)	0·3 (0·2–0·6)	0·3 (0·1–0·6)	0·3 (0·2–0·6)	0·4 (0·2–0·7)	0·4 (0·2–0·6)	0·4 (0·2–0·7)
Maternal disorders	41·6 (29·2–57·7)	74·4 (58·4–93·4)	70·6 (56·2–88·3)	61·9 (49·6–79·5)	59·2 (45·9–76·5)	33·5 (25·3–43·1)	17·5 (11·7–23·4)
Maternal hemorrhage	6·8 (4·9–9·1)	14·2 (11·4–17·5)	16·0 (12·8–20·0)	16·1 (13·0–20·6)	16·3 (12·7–21·0)	9·8 (7·4–12·4)	5·5 (3·6–7·2)
Maternal sepsis	5·1 (3·4–7·4)	8·6 (6·5–11·1)	7·0 (5·3–9·1)	5·2 (3·9–7·0)	4·6 (3·3–6·3)	2·3 (1·7–3·1)	0·9 (0·6–1·3)
Hypertensive disorders of pregnancy	12·0 (8·1–17·1)	16·0 (12·3–20·5)	13·7 (10·6–17·4)	10·7 (8·3–13·9)	9·8 (7·3–12·9)	5·1 (3·8–6·9)	2·4 (1·6–3·3)
Obstructed labor	1·8 (1·1–2·8)	4·8 (3·3–6·5)	4·0 (2·7–5·4)	3·0 (2·1–4·2)	3·1 (2·0–4·5)	1·7 (1·1–2·6)	0·7 (0·4–1·2)
Abortion	6·8 (4·5–9·9)	12·6 (9·5–16·4)	11·4 (8·7–14·7)	9·7 (7·3–12·9)	8·9 (6·4–12·0)	4·5 (3·3–6·3)	2·0 (1·3–2·8)
Other maternal disorders	9·0 (6·8–11·4)	18·1 (14·8–21·9)	18·5 (15·1–22·8)	17·0 (13·9–21·2)	16·5 (13·1–20·5)	10·1 (7·6–12·2)	5·9 (3·9–7·6)
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	9·6 (5·7–17·6)	10·3 (6·4–19·0)	9·0 (5·7–15·4)	8·6 (5·6–14·2)	9·6 (6·4–15·8)	9·0 (6·0–15·0)	9·0 (6·0–14·2)
Protein-energy malnutrition	8·1 (4·5–15·7)	8·5 (4·9–16·6)	7·4 (4·4–13·4)	7·2 (4·5–12·1)	8·1 (5·2–13·5)	7·8 (4·8–13·2)	7·7 (4·8–12·1)
Iodine deficiency	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Iron-deficiency anemia	1·4 (1·0–2·1)	1·6 (1·1–2·3)	1·4 (1·0–2·1)	1·3 (0·9–1·8)	1·3 (0·9–1·9)	1·1 (0·7–1·5)	1·1 (0·7–1·4)
Other nutritional deficiencies	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Other communicable, maternal, neonatal, and nutritional disorders	6·8 (5·2–8·5)	8·0 (6·2–10·1)	7·4 (5·6–9·4)	6·9 (5·3–8·6)	7·6 (5·8–9·5)	7·1 (5·6–8·8)	6·8 (5·3–8·4)
Sexually transmitted diseases excluding HIV	0·4 (0·3–0·7)	0·5 (0·3–0·9)	0·5 (0·3–0·9)	0·6 (0·3–0·9)	0·7 (0·3–1·2)	0·5 (0·2–0·7)	0·5 (0·2–0·8)
Syphilis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
Sexually transmitted chlamydial diseases	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Gonococcal infection	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other sexually transmitted diseases	0·3 (0·1–0·4)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·4 (0·2–0·7)	0·3 (0·1–0·4)	0·3 (0·1–0·4)
Hepatitis	4·2 (3·1–5·6)	4·9 (3·7–6·5)	4·3 (3·3–5·6)	3·8 (3·1–4·8)	4·4 (3·3–5·8)	4·4 (3·3–5·8)	4·1 (3·1–5·4)
Acute hepatitis A	0·8 (0·3–1·6)	0·9 (0·3–1·9)	1·0 (0·3–2·1)	1·2 (0·4–2·5)	1·8 (0·6–3·8)	2·3 (0·9–4·8)	2·3 (0·8–4·8)
Acute hepatitis B	0·3 (0·1–0·5)	0·3 (0·2–0·6)	0·4 (0·2–0·7)	0·6 (0·3–0·9)	1·0 (0·5–1·6)	1·3 (0·7–2·1)	1·5 (0·9–2·3)
Acute hepatitis C	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·2 (0·1–0·4)
Acute hepatitis E	3·1 (1·5–5·7)	3·6 (1·8–6·7)	2·9 (1·4–5·5)	1·9 (0·9–3·8)	1·4 (0·6–2·6)	0·6 (0·2–1·3)	0·1 (0·0–0·4)
Other infectious diseases	2·2 (1·2–3·2)	2·5 (1·3–4·1)	2·6 (1·3–4·0)	2·5 (1·2–3·6)	2·6 (1·3–3·7)	2·3 (1·3–3·4)	2·2 (1·3–3·4)
Non-communicable diseases	73·6 (65·1–81·5)	89·5 (79·6–97·7)	104·1 (92·9–112·9)	136·4 (123·0–145·9)	201·6 (183·5–218·6)	261·6 (240·2–283·3)	346·0 (316·8–372·9)
Neoplasms	16·2 (13·1–19·5)	19·2 (15·6–22·2)	26·5 (22·3–30·8)	44·1 (38·2–49·6)	73·3 (63·9–82·1)	100·6 (89·5–112·1)	133·7 (119·4–145·8)
Esophageal cancer	0·1 (0·0–0·3)	0·2 (0·1–0·5)	0·4 (0·2–0·9)	0·7 (0·3–1·5)	1·7 (0·8–2·9)	3·5 (1·4–7·4)	5·5 (2·7–10·3)
Stomach cancer	0·3 (0·1–0·5)	1·3 (0·6–2·2)	2·8 (1·5–4·1)	5·8 (3·0–8·7)	9·1 (5·0–14·8)	10·9 (6·0–17·1)	13·3 (7·4–20·8)
Liver cancer	0·8 (0·4–1·6)	1·1 (0·5–2·2)	1·7 (0·8–3·6)	2·8 (1·3–5·1)	4·8 (2·4–7·5)	5·9 (3·3–8·1)	7·8 (4·7–10·1)
Liver cancer secondary to hepatitis B	0·3 (0·1–0·6)	0·4 (0·2–0·8)	0·6 (0·3–1·4)	1·1 (0·5–2·1)	1·9 (0·9–3·0)	2·3 (1·3–3·3)	3·0 (1·8–4·0)
Liver cancer secondary to hepatitis C	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·4 (0·2–0·6)	0·8 (0·5–1·1)	1·5 (0·9–1·9)
Liver cancer secondary to alcohol use	<0·05 (0·0–0·1)	0·2 (0·1–0·3)	0·4 (0·2–0·8)	0·7 (0·3–1·3)	1·3 (0·6–2·0)	1·5 (0·8–2·0)	1·8 (1·1–2·4)
Other liver cancer	0·4 (0·2–0·9)	0·5 (0·2–1·0)	0·6 (0·3–1·2)	0·9 (0·4–1·6)	1·3 (0·6–1·9)	1·3 (0·8–1·8)	1·5 (0·9–1·9)
Larynx cancer	<0·05 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·4)	0·2 (0·1–0·5)	0·3 (0·1–0·7)	0·6 (0·2–1·1)
Trachea, bronchus and lung cancers	0·3 (0·2–0·4)	0·5 (0·3–0·9)	1·1 (0·6–1·9)	2·3 (1·3–3·7)	4·6 (2·9–7·9)	7·8 (5·1–12·4)	11·6 (7·6–18·2)
Breast cancer	0·2 (0·2–0·2)	0·6 (0·5–0·7)	2·1 (1·9–2·3)	6·7 (6·2–7·2)	14·2 (13·4–15·0)	20·7 (19·8–21·7)	25·3 (24·2–26·6)
Cervical cancer	0·2 (0·1–0·4)	0·7 (0·4–1·1)	2·1 (1·3–3·1)	4·8 (3·0–6·9)	9·2 (5·8–13·7)	13·2 (8·4–19·0)	18·4 (11·1–26·6)
Uterine cancer	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·2 (0·1–0·4)	0·3 (0·2–0·5)	0·6 (0·3–1·1)	1·1 (0·5–1·7)	1·5 (0·8–2·6)
Prostate cancer	–	–	–	–	–	–	–

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
	0·3	0·9	1·7	2·7	4·3	5·9	8·1
Colon and rectum cancers	(0·2–0·5)	(0·5–1·1)	(1·1–2·2)	(1·7–3·4)	(2·8–5·2)	(4·1–7·0)	(5·8–9·5)
	0·1	0·2	0·4	0·5	0·9	1·4	2·0
Mouth cancer	(0·1–0·2)	(0·1–0·5)	(0·2–0·7)	(0·3–0·8)	(0·5–1·3)	(0·8–1·9)	(1·2–2·7)
	0·3	0·4	0·3	0·6	1·0	1·1	1·5
Nasopharynx cancer	(0·1–0·6)	(0·2–0·7)	(0·1–0·6)	(0·3–1·0)	(0·5–1·7)	(0·5–2·0)	(0·7–2·4)
	0·2	0·2	0·4	0·7	0·8	1·2	1·8
Cancer of other part of pharynx and oropharynx	(0·1–0·7)	(0·1–0·8)	(0·1–1·4)	(0·1–2·1)	(0·3–2·2)	(0·4–2·6)	(0·7–3·4)
	0·2	0·2	0·3	0·5	0·7	1·2	2·0
Gallbladder and biliary tract cancer	(0·0–0·7)	(0·0–0·7)	(0·1–1·3)	(0·1–1·3)	(0·3–1·3)	(0·6–2·7)	(1·0–3·4)
	0·1	0·2	0·2	0·4	0·8	1·4	2·3
Pancreatic cancer	(0·0–0·4)	(0·1–0·4)	(0·1–0·5)	(0·2–1·0)	(0·4–1·4)	(0·8–2·3)	(1·4–3·8)
	0·1	0·2	0·3	0·4	0·6	0·7	0·8
Malignant melanoma of skin	(0·0–0·1)	(0·1–0·2)	(0·1–0·4)	(0·2–0·6)	(0·3–0·8)	(0·4–1·1)	(0·4–1·3)
	<0·05	0·1	0·1	0·1	0·1	0·2	0·2
Non-melanoma skin cancer	(0·0–0·1)	(0·0–0·1)	(0·0–0·2)	(0·0–0·2)	(0·1–0·3)	(0·1–0·3)	(0·1–0·4)
	0·8	1·0	1·2	1·7	3·1	5·0	7·9
Ovarian cancer	(0·5–1·2)	(0·6–1·5)	(0·8–1·6)	(1·1–2·3)	(2·0–4·1)	(3·2–6·3)	(5·4–9·7)
Testicular cancer	–	–	–	–	–	–	–
	0·2	0·2	0·2	0·2	0·4	0·7	1·0
Kidney and other urinary organ cancers	(0·0–0·5)	(0·1–0·6)	(0·1–0·5)	(0·1–0·5)	(0·2–0·8)	(0·3–1·2)	(0·5–1·7)
	0·1	0·1	0·1	0·2	0·4	0·5	0·8
Bladder cancer	(0·0–0·1)	(0·1–0·1)	(0·1–0·1)	(0·1–0·3)	(0·2–0·5)	(0·4–0·7)	(0·5–0·9)
	1·0	1·2	1·4	1·9	2·7	3·0	3·5
Brain and nervous system cancers	(0·5–1·6)	(0·6–1·9)	(0·7–2·1)	(1·0–2·9)	(1·4–4·0)	(1·5–4·7)	(1·8–5·4)
	0·1	0·1	0·1	0·2	0·3	0·3	0·5
Thyroid cancer	(0·1–0·2)	(0·1–0·1)	(0·1–0·2)	(0·1–0·3)	(0·2–0·4)	(0·2–0·5)	(0·3–0·7)
	0·2	0·4	0·5	0·4	0·4	0·4	0·4
Hodgkin's disease	(0·1–0·4)	(0·2–0·6)	(0·2–0·8)	(0·2–0·7)	(0·2–0·7)	(0·2–0·6)	(0·2–0·5)
	1·3	1·4	1·2	1·4	1·5	1·8	2·3
Non-Hodgkin's lymphoma	(0·7–1·9)	(0·8–2·1)	(0·7–1·8)	(0·9–1·9)	(1·0–1·9)	(1·2–2·5)	(1·5–3·1)
	0·2	0·1	0·1	0·1	0·2	0·3	0·5
Multiple myeloma	(0·0–0·5)	(0·0–0·4)	(0·0–0·3)	(0·0–0·2)	(0·1–0·6)	(0·2–0·6)	(0·3–0·9)
	5·1	4·2	3·8	3·9	4·4	4·1	4·1
Leukemia	(3·1–7·7)	(2·6–6·8)	(2·5–5·8)	(2·3–5·9)	(2·6–6·6)	(2·5–6·0)	(2·5–5·8)
	3·8	3·4	3·6	4·7	6·5	7·9	9·9
Other neoplasms	(2·2–5·6)	(2·0–5·0)	(2·0–5·2)	(2·7–6·7)	(3·7–9·6)	(4·7–12·1)	(6·0–14·2)
	17·4	24·6	29·0	38·6	57·3	79·9	110·1
Cardiovascular and circulatory diseases	(12·5–21·5)	(18·5–29·7)	(21·8–35·7)	(28·5–47·3)	(44·0–74·1)	(62·5–100·9)	(85·2–135·1)
	4·2	5·8	7·2	8·2	11·7	13·0	13·9
Rheumatic heart disease	(3·3–5·7)	(4·6–7·6)	(5·8–9·1)	(6·5–10·5)	(9·5–14·6)	(10·6–16·2)	(11·7–17·1)
	4·8	7·5	8·1	12·1	16·9	25·2	34·9
Ischemic heart disease	(3·6–5·7)	(5·9–9·2)	(6·6–9·4)	(10·2–14·0)	(15·0–20·0)	(22·4–31·3)	(30·9–41·5)
	4·1	6·0	7·6	10·8	18·0	28·4	43·6
Cerebrovascular disease	(3·1–5·2)	(4·8–7·7)	(6·1–9·7)	(8·7–13·7)	(15·2–23·3)	(22·6–37·3)	(35·0–54·9)
	0·6	1·0	1·2	1·7	2·3	3·6	5·8
Ischemic stroke	(0·4–0·8)	(0·7–1·4)	(0·9–1·6)	(1·4–2·3)	(1·9–3·0)	(2·9–4·9)	(4·9–7·9)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
Hemorrhagic and other non-ischemic stroke	3·5 (2·4–4·7)	5·0 (3·6–6·9)	6·4 (4·7–9·0)	9·0 (6·9–12·0)	15·7 (11·9–21·4)	24·8 (19·3–33·2)	37·8 (29·6–48·5)
Hypertensive heart disease	0·6 (0·4–0·9)	0·9 (0·6–1·3)	1·1 (0·7–1·7)	1·7 (1·1–2·5)	3·0 (1·9–4·5)	4·5 (2·9–6·5)	7·0 (4·6–10·3)
Cardiomyopathy and myocarditis	1·5 (0·9–2·7)	1·7 (1·0–2·9)	1·9 (1·2–3·1)	2·3 (1·5–3·3)	2·9 (2·1–4·0)	3·4 (2·6–4·2)	4·1 (3·2–5·1)
Atrial fibrillation and flutter	–	–	–	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·1–0·3)
Aortic aneurysm	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·3 (0·1–0·7)	0·5 (0·2–1·1)	0·7 (0·3–1·7)	0·9 (0·4–2·0)
Peripheral vascular disease	–	–	–	–	–	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Endocarditis	0·3 (0·2–0·5)	0·5 (0·3–0·8)	0·5 (0·3–0·8)	0·5 (0·3–0·8)	0·6 (0·4–1·0)	0·5 (0·4–0·8)	0·5 (0·3–0·8)
Other cardiovascular and circulatory diseases	1·7 (1·2–2·2)	2·1 (1·5–2·7)	2·3 (1·7–2·9)	2·7 (2·1–3·3)	3·6 (2·7–4·5)	3·9 (3·2–4·7)	4·9 (4·0–5·8)
Chronic respiratory diseases	5·6 (4·9–6·4)	7·1 (6·3–7·9)	9·0 (8·2–10·1)	10·6 (9·7–11·7)	18·0 (16·1–20·2)	21·9 (19·8–24·4)	32·9 (29·8–36·2)
Chronic obstructive pulmonary disease	2·1 (1·4–3·2)	3·0 (2·2–3·9)	4·2 (3·0–5·7)	5·3 (4·1–6·6)	10·4 (8·0–13·1)	13·6 (11·0–16·4)	21·9 (17·8–26·6)
Pneumoconiosis	0·1 (0·0–0·3)	0·3 (0·1–0·7)	0·2 (0·1–0·4)	0·3 (0·1–0·6)	0·5 (0·2–0·9)	0·6 (0·3–1·3)	0·9 (0·4–1·8)
Asthma	1·8 (1·1–3·6)	2·0 (1·2–3·7)	2·4 (1·5–5·2)	2·7 (1·8–5·2)	4·2 (2·6–8·4)	4·7 (3·1–9·0)	6·5 (4·4–12·4)
Other interstitial lung disease	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·4 (0·2–0·7)	0·4 (0·2–0·7)	0·6 (0·3–1·1)
Other chronic respiratory diseases	1·4 (0·7–2·8)	1·7 (0·8–3·6)	2·0 (1·0–4·2)	2·1 (1·1–4·2)	2·6 (1·3–5·3)	2·5 (1·4–5·0)	3·0 (1·6–5·9)
Cirrhosis of the liver	1·8 (1·3–2·3)	2·7 (2·0–3·4)	3·8 (2·6–4·6)	6·1 (4·4–7·3)	9·9 (7·3–11·9)	13·0 (9·5–15·6)	15·8 (11·7–18·4)
Cirrhosis of the liver secondary to hepatitis B	0·4 (0·3–0·6)	0·7 (0·5–0·9)	1·0 (0·7–1·2)	1·6 (1·2–2·0)	2·8 (2·1–3·4)	3·9 (3·0–4·7)	5·1 (3·8–6·0)
Cirrhosis of the liver secondary to hepatitis C	0·3 (0·2–0·4)	0·5 (0·4–0·6)	0·7 (0·5–0·9)	1·2 (0·9–1·4)	2·2 (1·7–2·6)	3·4 (2·7–4·0)	4·7 (3·9–5·4)
Cirrhosis of the liver secondary to alcohol use	0·1 (0·0–0·1)	0·2 (0·2–0·3)	0·5 (0·4–0·6)	1·1 (0·9–1·3)	1·9 (1·5–2·2)	2·3 (1·9–2·7)	2·6 (2·2–3·0)
Other cirrhosis of the liver	1·0 (0·8–1·3)	1·3 (1·0–1·6)	1·5 (1·1–1·9)	2·2 (1·7–2·6)	3·1 (2·5–3·6)	3·4 (2·8–4·0)	3·4 (2·8–3·9)
Digestive diseases (except cirrhosis)	7·4 (6·2–8·9)	8·7 (7·4–10·2)	8·8 (7·5–10·2)	9·9 (8·5–11·4)	11·1 (9·7–12·8)	12·5 (11·1–14·2)	14·3 (12·6–15·9)
Peptic ulcer disease	2·9 (2·0–3·9)	3·4 (2·6–4·4)	3·4 (2·4–4·4)	3·6 (2·6–4·6)	3·8 (2·7–4·9)	4·4 (3·2–5·6)	4·8 (3·5–6·2)
Gastritis and duodenitis	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·3)	0·2 (0·1–0·4)
Appendicitis	0·6 (0·3–0·9)	0·6 (0·3–0·8)	0·5 (0·3–0·8)	0·6 (0·3–1·0)	0·6 (0·3–0·9)	0·6 (0·3–1·0)	0·6 (0·3–1·0)
Paralytic ileus and intestinal obstruction without hernia	0·8 (0·4–1·2)	0·9 (0·4–1·4)	1·0 (0·5–1·6)	1·1 (0·5–1·8)	1·4 (0·7–2·2)	1·4 (0·7–2·0)	1·7 (0·8–2·5)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
Inguinal or femoral hernia	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·2 (0·2–0·2)	0·2 (0·2–0·2)	0·2 (0·2–0·2)
Noninfective inflammatory bowel disease	0·3 (0·1–0·7)	0·4 (0·1–0·7)	0·4 (0·2–0·7)	0·4 (0·2–0·6)	0·4 (0·2–0·5)	0·4 (0·2–0·5)	0·4 (0·2–0·5)
Vascular disorders of intestine	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·5)	0·3 (0·1–0·7)
Gall bladder and bile duct disease	0·5 (0·3–1·0)	0·6 (0·3–1·0)	0·7 (0·4–1·2)	0·9 (0·5–1·5)	1·0 (0·7–1·8)	1·1 (0·7–2·0)	1·3 (0·8–2·0)
Pancreatitis	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·4 (0·3–0·6)	0·6 (0·3–0·8)	0·8 (0·5–1·0)	0·8 (0·6–1·1)	0·8 (0·6–1·2)
Other digestive diseases	1·9 (1·0–3·2)	2·2 (1·2–3·9)	2·0 (1·1–3·5)	2·4 (1·2–3·9)	2·7 (1·4–4·1)	3·2 (1·8–4·8)	3·9 (2·1–5·6)
Neurological disorders	6·9 (4·4–9·6)	7·4 (4·8–10·3)	6·8 (4·6–9·2)	7·0 (4·7–9·7)	7·9 (5·3–10·9)	8·0 (5·3–11·1)	8·8 (5·4–13·4)
Alzheimer's disease and other dementias	0·4 (0·2–0·6)	0·3 (0·1–0·7)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·4 (0·2–0·8)	0·6 (0·2–1·2)	0·5 (0·3–0·7)
Parkinson's disease	–	0·2 (0·0–0·3)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·2 (0·1–0·4)	0·2 (0·1–0·3)
Epilepsy	3·6 (2·3–4·7)	4·0 (2·5–5·3)	3·8 (2·4–5·0)	3·4 (2·2–4·5)	3·5 (2·2–4·6)	2·7 (1·7–3·6)	2·3 (1·4–3·2)
Multiple sclerosis	–	0·1 (0·1–0·2)	0·3 (0·1–0·5)	0·4 (0·2–0·8)	0·6 (0·3–0·9)	0·8 (0·4–1·2)	0·9 (0·5–1·4)
Other neurological disorders	2·9 (1·2–5·4)	2·8 (1·2–5·2)	2·4 (1·0–4·5)	2·8 (1·2–5·4)	3·2 (1·3–5·8)	3·7 (1·7–6·7)	5·0 (2·2–9·5)
Mental and behavioral disorders	0·8 (0·4–1·4)	1·2 (0·6–2·2)	2·1 (1·1–3·2)	2·3 (1·4–3·7)	2·9 (1·8–4·5)	3·4 (2·0–5·4)	2·8 (1·6–4·4)
Schizophrenia	–	–	0·6 (0·2–1·1)	0·7 (0·3–1·6)	0·9 (0·4–1·7)	1·1 (0·4–2·2)	0·6 (0·3–1·1)
Alcohol use disorders	0·1 (0·0–0·3)	0·2 (0·1–0·4)	0·4 (0·1–0·7)	0·6 (0·2–1·2)	1·1 (0·4–2·3)	1·6 (0·6–3·0)	1·6 (0·6–3·0)
Drug use disorders	0·5 (0·2–1·1)	0·8 (0·3–1·8)	0·9 (0·4–1·8)	0·7 (0·4–1·3)	0·7 (0·3–1·5)	0·5 (0·3–1·0)	0·4 (0·2–0·8)
Opioid use disorders	0·2 (0·1–0·3)	0·3 (0·1–0·6)	0·3 (0·1–0·6)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·2 (0·1–0·3)	0·1 (0·1–0·2)
Cocaine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·3 (0·1–0·7)	0·5 (0·2–1·1)	0·5 (0·2–1·1)	0·5 (0·2–0·9)	0·4 (0·2–0·9)	0·3 (0·2–0·7)	0·3 (0·1–0·5)
Eating disorders	0·1 (0·0–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·2 (0·1–0·3)	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Other mental and behavioral disorders	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Diabetes, urogenital, blood, and endocrine diseases	11·1 (8·2–17·6)	12·6 (9·6–18·0)	12·5 (10·1–16·3)	13·5 (11·2–17·2)	16·6 (13·8–20·5)	17·7 (15·1–21·8)	23·3 (20·3–28·0)
Diabetes mellitus	1·8 (1·2–2·6)	2·4 (1·7–3·4)	3·0 (2·4–3·6)	3·7 (2·7–4·3)	4·9 (4·1–5·8)	6·4 (5·2–7·4)	10·0 (8·5–11·5)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
Acute glomerulonephritis	2·1 (0·4–7·8)	2·1 (0·6–6·8)	1·4 (0·4–4·4)	1·5 (0·5–4·2)	1·6 (0·5–4·8)	1·4 (0·4–4·2)	1·6 (0·4–5·3)
Chronic kidney diseases	2·6 (1·7–3·7)	3·2 (2·1–4·6)	3·5 (2·5–4·6)	4·1 (3·1–5·5)	5·7 (4·0–7·6)	5·7 (4·0–7·8)	7·2 (5·2–9·5)
Chronic kidney disease due to diabetes mellitus	<0·05 (0·0–0·05)	0·1 (0·1–0·2)	0·3 (0·2–0·4)	0·5 (0·4–0·7)	0·9 (0·7–1·3)	1·2 (0·8–1·6)	1·8 (1·3–2·4)
Chronic kidney disease due to hypertension	0·4 (0·3–0·6)	0·5 (0·3–0·7)	0·6 (0·4–0·8)	0·8 (0·6–1·1)	1·2 (0·9–1·6)	1·3 (0·9–1·8)	1·6 (1·2–2·1)
Chronic kidney disease unspecified	2·2 (1·5–3·1)	2·5 (1·7–3·7)	2·5 (1·8–3·4)	2·7 (2·0–3·8)	3·5 (2·5–4·8)	3·2 (2·3–4·5)	3·8 (2·7–5·1)
Urinary diseases and male infertility	0·6 (0·3–0·8)	0·7 (0·4–1·0)	0·8 (0·5–1·2)	1·0 (0·5–1·4)	1·1 (0·7–1·6)	1·3 (0·7–1·8)	1·6 (0·9–2·3)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	0·3 (0·2–0·6)	0·4 (0·2–0·6)	0·5 (0·3–0·7)	0·5 (0·3–0·8)	0·6 (0·4–0·9)	0·7 (0·4–1·1)	0·9 (0·5–1·3)
Urolithiasis	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·3)	0·1 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·5)	0·3 (0·1–0·6)
Other urinary diseases	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·4 (0·2–0·5)	0·5 (0·3–0·7)
Gynecological diseases	0·3 (0·2–0·5)	0·3 (0·1–0·5)	0·4 (0·2–0·6)	0·4 (0·2–0·7)	0·5 (0·2–1·1)	0·5 (0·2–1·1)	0·3 (0·2–0·6)
Uterine fibroids	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Endometriosis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Genital prolapse	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other gynecological diseases	0·3 (0·2–0·5)	0·3 (0·1–0·5)	0·3 (0·2–0·6)	0·3 (0·2–0·7)	0·5 (0·2–1·1)	0·4 (0·2–1·1)	0·3 (0·1–0·6)
Hemoglobinopathies and hemolytic anemias	2·7 (1·3–4·8)	2·8 (1·3–5·0)	2·3 (1·1–4·1)	1·8 (1·0–3·4)	1·5 (0·8–3·1)	1·2 (0·6–2·3)	1·2 (0·7–2·5)
Thalassemias	1·4 (0·6–2·3)	1·3 (0·6–2·2)	1·0 (0·4–1·6)	0·8 (0·4–1·2)	0·6 (0·3–1·1)	0·4 (0·2–0·8)	0·4 (0·2–0·7)
Sickle cell disorders	0·6 (0·4–1·0)	0·5 (0·3–0·7)	0·5 (0·3–0·7)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·3 (0·2–0·5)	0·3 (0·1–0·5)
G6PD deficiency	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Other hemoglobinopathies and hemolytic anemias	0·6 (0·2–1·6)	0·9 (0·2–1·9)	0·8 (0·1–1·7)	0·6 (0·1–1·3)	0·5 (0·1–1·1)	0·4 (0·1–0·9)	0·5 (0·1–1·1)
Other endocrine, nutritional, blood, and immune disorders	1·0 (0·3–2·2)	1·1 (0·4–2·5)	1·1 (0·4–2·4)	1·1 (0·4–2·0)	1·2 (0·5–2·2)	1·2 (0·5–2·1)	1·3 (0·6–2·1)
Musculoskeletal disorders	1·1 (0·6–1·9)	1·5 (0·7–2·5)	1·4 (0·7–2·0)	1·4 (0·7–2·2)	1·6 (0·7–2·4)	1·5 (0·8–2·1)	1·5 (0·8–2·2)
Rheumatoid arthritis	0·2 (0·1–0·3)	0·2 (0·1–0·5)	0·2 (0·1–0·5)	0·3 (0·2–0·6)	0·4 (0·2–0·7)	0·4 (0·3–0·7)	0·5 (0·3–0·9)
Other musculoskeletal disorders	1·0 (0·6–1·5)	1·3 (0·7–2·1)	1·1 (0·7–1·6)	1·1 (0·6–1·6)	1·2 (0·7–1·9)	1·0 (0·7–1·4)	1·0 (0·6–1·4)
Other non-communicable diseases	5·2 (4·1–7·1)	4·4 (3·3–6·1)	4·4 (3·2–6·0)	2·7 (2·0–3·5)	3·0 (2·3–3·9)	3·1 (2·1–4·5)	2·9 (2·2–3·9)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
Congenital anomalies	4·0 (2·9–5·7)	3·4 (2·4–5·0)	3·2 (2·2–4·8)	1·7 (1·1–2·3)	1·8 (1·2–2·5)	1·4 (1·0–2·0)	1·5 (1·1–2·1)
Neural tube defects	0·4 (0·2–1·1)	0·3 (0·1–0·7)	0·4 (0·1–1·1)	0·2 (0·1–0·4)	0·2 (0·1–0·5)	0·2 (0·1–0·5)	0·2 (0·0–0·4)
Congenital heart anomalies	2·5 (1·6–3·5)	2·2 (1·3–3·2)	1·9 (1·2–2·8)	1·0 (0·6–1·4)	1·0 (0·6–1·4)	0·6 (0·4–0·9)	0·6 (0·4–0·9)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	0·2 (0·1–0·5)	0·2 (0·1–0·4)	0·2 (0·1–0·5)	0·1 (0·1–0·3)	0·1 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·4)
Other chromosomal abnormalities	0·1 (0·0–0·3)	0·1 (0·0–0·4)	0·1 (0·0–0·4)	0·1 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Other congenital anomalies	0·7 (0·4–1·3)	0·6 (0·3–1·2)	0·6 (0·3–1·1)	0·3 (0·2–0·6)	0·4 (0·2–0·8)	0·4 (0·2–0·7)	0·5 (0·3–0·9)
Skin and subcutaneous diseases	1·2 (0·7–2·0)	1·0 (0·6–1·5)	1·1 (0·6–1·8)	1·0 (0·6–1·5)	1·3 (0·8–1·9)	1·7 (0·9–2·9)	1·4 (0·9–2·1)
Cellulitis	0·4 (0·2–0·6)	0·3 (0·2–0·5)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·5 (0·3–0·7)	0·6 (0·3–1·0)	0·5 (0·3–0·7)
Abscess, impetigo, and other bacterial skin diseases	0·5 (0·3–0·8)	0·4 (0·2–0·7)	0·5 (0·3–0·7)	0·4 (0·3–0·6)	0·5 (0·3–0·8)	0·7 (0·4–1·3)	0·6 (0·4–0·8)
Decubitus ulcer	0·3 (0·2–0·5)	0·2 (0·1–0·3)	0·3 (0·1–0·4)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·4 (0·2–0·7)	0·4 (0·2–0·5)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	102·2 (89·7–123·5)	104·3 (88·2–125·6)	85·4 (73·8–101·1)	75·7 (65·7–88·3)	73·7 (62·0–91·0)	61·4 (52·3–74·1)	53·1 (45·5–62·4)
Transport injuries	19·8 (16·0–25·3)	18·5 (14·3–23·6)	15·4 (11·5–19·8)	13·7 (9·9–17·6)	14·8 (10·2–19·0)	12·8 (8·8–15·9)	12·0 (8·3–15·2)
Road injury	18·7 (15·4–22·0)	17·3 (14·1–22·0)	14·5 (11·3–18·7)	12·8 (9·5–16·2)	13·9 (9·7–17·5)	12·1 (8·4–15·1)	11·4 (7·9–14·2)
Pedestrian injury by road vehicle	3·3 (2·1–4·6)	2·8 (1·8–3·9)	2·4 (1·6–3·3)	2·4 (1·5–3·4)	2·7 (1·7–3·9)	2·5 (1·5–3·5)	2·5 (1·6–3·5)
Pedal cycle vehicle	1·0 (0·5–1·7)	0·7 (0·4–1·3)	0·7 (0·4–1·3)	0·6 (0·3–1·0)	0·7 (0·4–1·2)	0·6 (0·4–1·0)	0·7 (0·4–1·3)
Motorized vehicle with two wheels	2·8 (1·8–4·4)	2·7 (1·7–4·1)	2·2 (1·3–3·4)	1·7 (1·1–2·8)	1·9 (1·0–3·2)	1·5 (0·8–2·8)	1·3 (0·7–2·3)
Motorized vehicle with three or more wheels	8·4 (6·2–11·4)	7·9 (6·1–10·8)	6·6 (4·8–9·3)	5·6 (3·9–7·9)	5·8 (3·9–8·1)	4·9 (3·4–6·5)	4·7 (3·0–6·5)
Road injury other	3·2 (0·7–6·8)	3·2 (0·7–7·9)	2·7 (0·6–6·8)	2·5 (0·6–6·1)	3·0 (0·6–7·5)	2·6 (0·5–6·1)	2·2 (0·4–5·4)
Other transport injury	1·1 (0·6–1·9)	1·2 (0·6–1·9)	1·0 (0·5–1·6)	0·9 (0·5–1·4)	0·8 (0·4–1·4)	0·7 (0·4–1·1)	0·6 (0·3–0·8)
Unintentional injuries other than transport injuries	45·6 (37·1–56·1)	44·1 (35·0–58·0)	35·8 (28·1–47·8)	31·7 (26·2–40·5)	30·2 (24·1–42·2)	25·4 (21·2–31·7)	21·6 (18·4–26·1)
Falls	2·3 (1·7–3·2)	2·3 (1·8–3·3)	2·3 (1·7–3·3)	2·2 (1·8–3·0)	2·7 (2·0–3·7)	2·7 (2·1–3·6)	2·9 (2·1–4·1)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
	10·0	6·5	4·7	4·0	3·9	3·2	2·9
Drowning	(6·9–13·5)	(4·6–9·4)	(3·3–7·1)	(2·7–5·9)	(2·8–5·4)	(2·3–4·4)	(2·0–4·0)
	15·6	16·4	13·3	10·8	7·8	6·4	4·1
Fire, heat and hot substances	(9·6–22·8)	(9·6–26·6)	(7·3–21·8)	(6·8–16·2)	(4·4–13·0)	(3·9–9·7)	(2·5–6·7)
	5·6	6·3	5·2	4·9	4·7	4·0	3·1
Poisonings	(3·8–9·7)	(4·3–11·6)	(3·6–9·9)	(3·4–9·4)	(3·2–8·6)	(2·9–6·9)	(2·3–5·4)
	5·6	6·0	4·8	4·9	5·9	4·1	3·6
Exposure to mechanical forces	(2·5–13·8)	(2·8–14·8)	(2·4–10·8)	(2·3–10·6)	(2·7–15·2)	(2·2–7·6)	(2·0–6·2)
	3·9	4·2	3·0	2·9	3·6	2·3	1·9
Mechanical forces (firearm)	(0·8–11·3)	(1·0–12·0)	(0·6–9·0)	(0·6–8·3)	(0·6–12·6)	(0·5–6·1)	(0·4–5·4)
	1·7	1·8	1·8	2·0	2·3	1·8	1·7
Mechanical forces (other)	(0·6–4·9)	(0·6–4·8)	(0·6–4·6)	(0·7–4·7)	(0·9–6·1)	(0·8–3·8)	(0·7–3·2)
	0·4	0·5	0·5	0·5	0·5	0·5	0·5
Adverse effects of medical treatment	(0·2–0·6)	(0·2–0·7)	(0·2–0·7)	(0·2–0·7)	(0·2–0·8)	(0·2–0·8)	(0·3–0·8)
	2·3	2·2	1·6	1·3	1·4	1·2	1·3
Animal contact	(0·9–3·9)	(0·8–3·7)	(0·7–2·6)	(0·6–2·1)	(0·6–2·2)	(0·6–2·0)	(0·6–2·2)
	1·8	1·7	1·2	0·9	1·0	0·9	1·0
Animal contact (venomous)	(0·5–3·4)	(0·5–3·1)	(0·4–2·3)	(0·3–1·8)	(0·4–1·8)	(0·3–1·6)	(0·4–1·9)
	0·5	0·4	0·4	0·3	0·4	0·3	0·3
Animal contact (non-venomous)	(0·2–1·1)	(0·1–1·0)	(0·1–0·9)	(0·1–0·7)	(0·1–0·8)	(0·1–0·6)	(0·1–0·6)
	3·9	3·9	3·4	3·2	3·4	3·2	3·1
Unintentional injuries not classified elsewhere	(2·5–5·6)	(2·5–5·1)	(2·3–4·7)	(2·1–4·2)	(2·2–4·5)	(2·1–4·2)	(2·0–4·2)
	34·7	39·4	31·8	28·1	26·4	21·2	17·5
Self-harm and interpersonal violence	(23·8–50·1)	(25·9–52·5)	(21·8–42·0)	(18·3–37·2)	(17·6–37·7)	(14·2–30·9)	(12·4–25·6)
	29·0	31·5	24·0	21·2	20·4	16·9	14·3
Self-harm	(18·6–44·4)	(18·0–44·7)	(14·5–34·2)	(12·4–30·2)	(12·0–31·5)	(10·1–27·1)	(9·4–22·9)
	5·7	7·8	7·9	7·0	6·0	4·3	3·2
Interpersonal violence	(4·3–6·8)	(6·1–9·2)	(5·7–9·2)	(5·0–8·2)	(4·6–7·1)	(3·2–5·1)	(2·3–3·8)
	1·8	2·5	2·5	2·3	1·9	1·4	1·0
Assault by firearm	(0·9–3·1)	(1·2–4·6)	(1·2–4·5)	(1·0–4·2)	(0·8–3·4)	(0·6–2·4)	(0·4–1·7)
	1·3	2·1	2·1	2·0	1·6	1·1	0·8
Assault by sharp object	(0·8–2·1)	(1·3–3·4)	(1·3–3·4)	(1·2–3·2)	(0·9–2·6)	(0·6–1·8)	(0·4–1·3)
	2·5	3·2	3·2	2·7	2·5	1·8	1·4
Assault by other means	(1·7–3·3)	(2·2–4·4)	(2·2–4·4)	(1·9–3·6)	(1·7–3·5)	(1·2–2·4)	(0·9–1·8)
	2·1	2·4	2·4	2·2	2·3	2·1	2·0
Forces of nature, war, and legal intervention	(1·1–4·8)	(1·3–5·5)	(1·3–5·3)	(1·2–5·0)	(1·3–5·2)	(1·1–4·6)	(1·1–4·4)
	0·6	0·6	0·6	0·6	0·6	0·6	0·6
Exposure to forces of nature	(0·2–1·4)	(0·3–1·5)	(0·3–1·5)	(0·3–1·5)	(0·3–1·5)	(0·3–1·4)	(0·3–1·4)
	1·5	1·8	1·8	1·6	1·7	1·5	1·4
Collective violence and legal intervention	(0·8–3·3)	(1·0–3·9)	(1·0–3·8)	(0·9–3·5)	(0·9–3·6)	(0·8–3·2)	(0·8–3·0)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
All causes	732·6 (688·5–782·9)	929·1 (874·1–985·8)	1,280·8 (1,213·0–1,357·7)	1,561·9 (1,491·3–1,656·4)	1,773·1 (1,698·3–1,883·2)	2,131·7 (2,047·2–2,234·6)	4,525·3 (4,422·9–4,647·8)
Communicable, maternal, neonatal, and nutritional disorders	130·1 (114·8–148·3)	148·6 (130·0–170·9)	179·2 (157·5–203·7)	191·8 (170·2–215·7)	203·0 (181·1–228·5)	203·2 (185·0–224·9)	429·9 (390·7–484·0)
HIV/AIDS and tuberculosis	44·8 (36·0–55·5)	47·8 (38·3–59·9)	51·9 (41·6–64·3)	48·5 (39·0–60·8)	45·0 (36·4–56·1)	34·2 (27·7–42·9)	29·6 (24·1–36·7)
Tuberculosis	39·2 (31·6–48·9)	44·4 (35·1–53·9)	50·3 (40·7–62·4)	47·9 (38·3–59·8)	44·7 (36·1–55·7)	34·2 (27·7–42·9)	29·6 (24·1–36·7)
HIV/AIDS	5·6 (2·0–11·2)	3·4 (0·8–10·6)	1·6 (0·4–7·9)	0·7 (0·3–2·1)	0·4 (0·3–0·5)	–	–
HIV disease resulting in mycobacterial infection	1·1 (0·3–2·3)	0·7 (0·1–2·1)	0·3 (0·0–1·7)	0·1 (0·0–0·4)	<0·05 (0·0–0·1)	–	–
HIV disease resulting in other specified or unspecified diseases	4·6 (1·7–9·0)	2·7 (0·7–8·4)	1·3 (0·3–6·2)	0·6 (0·3–1·7)	0·3 (0·3–0·5)	–	–
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	51·6 (44·5–60·7)	62·0 (52·3–74·9)	81·4 (69·9–95·0)	96·2 (83·4–112·0)	110·9 (98·2–126·1)	127·2 (113·8–144·4)	331·3 (293·1–378·3)
Diarrheal diseases	20·2 (15·9–26·0)	25·7 (19·4–35·2)	35·0 (26·9–47·2)	35·6 (27·7–47·9)	34·7 (27·9–43·6)	30·6 (25·1–37·4)	47·9 (39·1–59·4)
Cholera	0·5 (0·3–0·8)	0·5 (0·3–0·9)	0·5 (0·3–0·8)	0·3 (0·2–0·5)	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·2 (0·1–0·3)
Other salmonella infections	1·3 (0·9–1·9)	1·5 (1·0–2·3)	1·8 (1·2–2·7)	1·6 (1·1–2·5)	1·5 (1·0–2·2)	1·4 (1·0–2·0)	2·5 (1·7–3·6)
Shigellosis	1·9 (1·2–2·8)	2·5 (1·5–3·8)	3·4 (2·1–5·3)	3·6 (2·2–5·6)	3·6 (2·3–5·2)	3·2 (2·1–4·5)	5·0 (3·4–7·0)
Enteropathogenic E coli infection	0·2 (0·1–0·4)	0·3 (0·2–0·5)	0·5 (0·3–0·9)	0·6 (0·3–1·0)	0·7 (0·4–1·0)	0·7 (0·5–1·1)	1·6 (1·0–2·5)
Enterotoxigenic E coli infection	2·5 (1·6–3·6)	3·0 (1·9–4·6)	4·0 (2·5–6·0)	4·0 (2·5–6·2)	3·8 (2·4–5·5)	3·2 (2·2–4·7)	4·8 (3·2–6·9)
Campylobacter enteritis	1·0 (0·6–1·5)	1·3 (0·8–2·0)	1·7 (1·0–2·7)	1·7 (1·1–2·7)	1·8 (1·2–2·7)	1·9 (1·3–2·8)	3·9 (2·7–5·8)
Amoebiasis	1·3 (0·9–1·8)	1·7 (1·1–2·7)	2·4 (1·5–3·7)	2·5 (1·6–4·0)	2·5 (1·6–3·7)	2·2 (1·4–3·2)	3·4 (2·2–5·0)
Cryptosporidiosis	0·4 (0·3–0·6)	0·5 (0·3–0·8)	0·7 (0·4–1·0)	0·7 (0·4–1·1)	0·7 (0·4–1·0)	0·6 (0·4–0·8)	0·9 (0·6–1·3)
Rotaviral enteritis	1·9 (1·3–2·7)	2·6 (1·6–3·9)	3·7 (2·4–5·7)	4·1 (2·6–6·3)	4·1 (2·7–5·8)	3·3 (2·3–4·6)	4·5 (3·1–6·5)
Other diarrheal diseases	9·2 (5·5–13·8)	11·9 (6·8–19·2)	16·2 (9·8–25·5)	16·5 (10·0–25·3)	15·9 (10·1–23·0)	13·8 (8·6–20·0)	21·2 (13·7–30·8)
Typhoid and paratyphoid fevers	1·1 (0·1–2·1)	0·9 (0·1–1·7)	0·6 (0·1–1·2)	0·6 (0·1–1·1)	0·6 (0·1–1·2)	0·5 (0·1–1·0)	0·6 (0·1–1·1)
Lower respiratory infections	22·4 (17·7–27·2)	26·3 (21·4–30·9)	38·3 (30·4–44·7)	50·8 (41·3–59·6)	67·7 (56·6–77·6)	87·8 (75·3–104·0)	274·5 (235·3–323·0)
Influenza	5·4 (4·3–6·6)	6·1 (4·9–7·2)	8·5 (6·9–10·2)	10·9 (9·0–13·0)	14·0 (11·8–16·3)	17·4 (15·0–20·7)	50·2 (43·2–59·4)
Pneumococcal pneumonia	8·1 (6·4–9·9)	9·7 (7·9–11·4)	14·3 (11·2–16·9)	19·3 (15·6–22·4)	25·9 (21·6–29·8)	34·4 (29·5–40·3)	113·4 (96·4–133·5)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Females, 50-54 Years	Females, 55-59 Years	Females, 60-64 Years	Females, 65-69 Years	Females, 70-74 Years	Females, 75-79 Years	Females, 80+ Years
H influenzae type B pneumonia	3·2 (2·6–4·0)	3·5 (2·8–4·2)	4·6 (3·8–5·5)	5·6 (4·6–6·7)	6·7 (5·6–7·9)	7·6 (6·5–9·2)	17·8 (15·5–21·6)
Respiratory syncytial virus pneumonia	0·2 (0·2–0·3)	0·3 (0·2–0·3)	0·4 (0·3–0·4)	0·5 (0·4–0·6)	0·7 (0·6–0·8)	0·9 (0·8–1·0)	2·7 (2·4–3·2)
Other lower respiratory infections	5·4 (4·2–6·7)	6·7 (5·4–8·2)	10·4 (8·3–12·4)	14·5 (11·8–17·2)	20·4 (16·8–23·6)	27·4 (23·1–32·2)	90·4 (77·2–107·2)
Upper respiratory infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·2 (0·2–0·3)
Otitis media	0·1 (0·0–0·9)	0·1 (0·0–0·6)	0·1 (0·0–0·6)	0·1 (0·0–0·6)	0·1 (0·0–0·5)	<0·05 (0·0–0·5)	0·1 (0·0–0·6)
Meningitis	4·5 (3·1–6·2)	5·1 (3·3–8·0)	4·8 (3·5–6·9)	5·9 (3·9–8·5)	5·1 (3·7–7·8)	5·4 (3·1–9·8)	5·1 (3·3–7·9)
Pneumococcal meningitis	1·5 (1·0–2·2)	1·7 (1·1–2·8)	1·5 (1·0–2·2)	1·8 (1·1–2·7)	1·4 (1·0–2·2)	1·4 (0·8–2·7)	1·0 (0·6–1·8)
H influenzae type B meningitis	0·3 (0·2–0·5)	0·4 (0·2–0·7)	0·4 (0·3–0·6)	0·5 (0·3–0·8)	0·5 (0·3–0·8)	0·6 (0·3–1·1)	0·6 (0·3–1·0)
Meningococcal infection	0·8 (0·6–1·1)	0·9 (0·6–1·3)	0·8 (0·6–1·1)	0·9 (0·6–1·3)	0·8 (0·6–1·1)	0·7 (0·4–1·2)	0·6 (0·4–0·8)
Other meningitis	1·8 (1·3–2·6)	2·2 (1·4–3·4)	2·1 (1·5–3·0)	2·7 (1·7–3·8)	2·4 (1·7–3·7)	2·7 (1·6–4·8)	3·0 (1·9–4·3)
Encephalitis	1·6 (0·8–2·9)	1·8 (0·8–3·9)	1·4 (0·7–2·8)	1·9 (0·9–3·6)	1·4 (0·7–2·8)	1·7 (0·7–4·2)	1·3 (0·7–2·8)
Diphtheria	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	–	–	–	–	–
Whooping cough	0·1 (0·0–0·3)	0·2 (0·0–0·9)	–	–	–	–	–
Tetanus	1·4 (0·0–6·6)	1·7 (0·0–8·1)	1·1 (0·0–5·1)	1·2 (0·0–5·3)	1·1 (0·0–5·4)	0·9 (0·0–4·1)	0·7 (0·0–3·3)
Measles	0·1 (0·0–0·3)	0·1 (0·0–0·2)	–	–	–	–	–
Varicella	0·1 (0·0–0·7)	0·1 (0·0–0·6)	0·1 (0·0–0·7)	0·1 (0·0–0·8)	0·1 (0·0–0·9)	0·2 (0·0–1·5)	0·8 (0·0–5·1)
Neglected tropical diseases and malaria	14·3 (9·3–23·7)	16·3 (9·7–27·5)	17·6 (10·4–31·0)	16·4 (9·7–29·9)	15·1 (9·0–27·1)	10·9 (6·2–21·2)	13·7 (7·5–25·6)
Malaria	10·4 (6·0–19·7)	12·2 (6·1–22·9)	13·5 (7·0–26·1)	12·9 (6·8–26·2)	11·7 (6·2–23·2)	8·2 (4·0–17·7)	10·7 (5·0–22·9)
Chagas disease	0·3 (0·1–0·5)	0·4 (0·2–0·7)	0·4 (0·2–0·8)	0·4 (0·2–0·9)	0·4 (0·2–0·8)	0·4 (0·2–0·7)	0·4 (0·2–0·7)
Leishmaniasis	0·7 (0·4–1·2)	0·7 (0·4–1·1)	0·5 (0·3–1·0)	0·5 (0·3–0·8)	0·4 (0·2–0·7)	0·3 (0·2–0·5)	0·3 (0·2–0·6)
African trypanosomiasis	0·6 (0·1–1·2)	0·4 (0·1–0·8)	0·2 (0·0–0·4)	0·1 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Schistosomiasis	0·5 (0·0–3·1)	0·6 (0·0–3·7)	0·7 (0·0–4·1)	0·7 (0·0–4·3)	0·8 (0·0–4·7)	0·7 (0·0–3·9)	0·5 (0·0–3·2)
Cysticercosis	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Females, 50-54 Years	Females, 55-59 Years	Females, 60-64 Years	Females, 65-69 Years	Females, 70-74 Years	Females, 75-79 Years	Females, 80+ Years
Echinococcosis	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·4)	0·1 (0·0–0·5)	0·1 (0·0–0·4)	0·1 (0·0–0·5)	0·2 (0·0–0·7)
Dengue	0·1 (0·0–0·3)	0·2 (0·0–0·4)	0·2 (0·0–0·5)	0·2 (0·0–0·4)	0·2 (0·0–0·4)	0·2 (0·0–0·3)	0·4 (0·1–1·0)
Rabies	1·0 (0·4–2·6)	1·2 (0·4–3·1)	1·3 (0·5–3·7)	1·0 (0·3–2·4)	0·8 (0·3–1·9)	0·4 (0·1–1·0)	0·3 (0·1–0·8)
Intestinal nematode infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Ascariasis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Other neglected tropical diseases	0·4 (0·2–0·7)	0·5 (0·2–0·9)	0·5 (0·2–0·9)	0·5 (0·2–0·8)	0·7 (0·3–1·5)	0·6 (0·2–1·5)	0·8 (0·3–2·3)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	10·6 (6·8–17·1)	12·1 (7·8–20·0)	15·9 (10·0–26·4)	16·8 (11·1–25·8)	20·6 (13·3–30·2)	21·1 (14·4–31·2)	44·7 (31·5–61·7)
Protein-energy malnutrition	9·3 (5·7–15·5)	10·6 (6·6–18·1)	14·0 (8·1–24·5)	14·6 (9·0–23·6)	17·8 (10·9–29·3)	17·8 (11·2–28·0)	34·3 (21·1–50·7)
Iodine deficiency	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·1–0·1)	0·3 (0·2–0·4)
Iron-deficiency anemia	1·1 (0·8–1·6)	1·2 (0·9–1·7)	1·6 (1·1–2·4)	1·9 (1·3–2·6)	2·4 (1·5–3·3)	2·7 (1·8–3·7)	8·0 (5·7–11·1)
Other nutritional deficiencies	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·2–0·3)	0·3 (0·2–0·4)	0·4 (0·3–0·5)	0·5 (0·4–0·7)	2·0 (1·5–2·9)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Other communicable, maternal, neonatal, and nutritional disorders	8·8 (6·9–11·2)	10·4 (8·2–13·3)	12·4 (9·9–15·9)	13·8 (10·3–19·1)	11·4 (8·7–15·4)	9·7 (7·6–13·2)	10·7 (7·6–14·7)
Sexually transmitted diseases excluding HIV	0·5 (0·2–0·7)	0·4 (0·2–0·7)	0·6 (0·2–1·2)	0·4 (0·2–0·6)	0·6 (0·2–1·2)	0·5 (0·2–0·8)	0·6 (0·3–0·9)
Syphilis	<0·05 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Sexually transmitted chlamydial diseases	0·1 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·2)
Gonococcal infection	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other sexually transmitted diseases	0·2 (0·1–0·4)	0·2 (0·1–0·3)	0·3 (0·1–0·6)	0·2 (0·1–0·3)	0·2 (0·1–0·5)	0·2 (0·1–0·3)	0·3 (0·2–0·4)
Hepatitis	5·2 (4·1–6·9)	6·5 (4·9–8·5)	7·1 (5·5–9·1)	7·2 (5·3–9·5)	6·0 (4·7–7·8)	4·0 (3·2–4·9)	2·6 (2·0–3·4)
Acute hepatitis A	2·8 (1·0–6·0)	3·5 (1·3–7·9)	3·7 (1·6–7·4)	3·9 (1·4–8·6)	3·0 (1·1–6·6)	2·0 (0·8–4·2)	1·3 (0·5–3·0)
Acute hepatitis B	2·0 (1·3–3·1)	2·4 (1·4–3·8)	2·8 (1·6–4·5)	2·8 (1·6–4·5)	2·5 (1·4–3·8)	1·7 (1·0–2·5)	1·0 (0·6–1·5)
Acute hepatitis C	0·3 (0·1–0·7)	0·4 (0·2–0·8)	0·5 (0·2–1·1)	0·5 (0·2–1·0)	0·5 (0·2–0·9)	0·3 (0·1–0·6)	0·3 (0·1–0·4)
Acute hepatitis E	0·1 (0·0–0·3)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other infectious diseases	3·1 (1·8–4·9)	3·5 (2·1–5·7)	4·7 (3·0–7·7)	6·2 (3·5–10·8)	4·8 (2·9–8·3)	5·2 (3·2–8·8)	7·4 (4·4–11·1)
Non-communicable diseases	543·1 (498·7–587·8)	724·8 (676·9–779·4)	1,043·2 (979·7–1,116·3)	1,313·1 (1,241·2–1,402·6)	1,514·7 (1,438·4–1,618·4)	1,867·3 (1,784·8–1,970·6)	3,968·3 (3,854·2–4,095·0)
Neoplasms	196·4 (177·5–214·2)	244·6 (221·5–268·1)	303·6 (274·2–332·3)	332·3 (301·8–367·8)	310·2 (283·3–350·2)	305·7 (280·1–347·0)	409·2 (374·3–464·7)
Esophageal cancer	9·6 (5·4–14·4)	13·2 (7·6–20·5)	17·7 (10·3–28·2)	18·9 (11·5–29·1)	18·7 (11·5–27·7)	15·5 (9·7–23·8)	17·2 (11·1–24·6)
Stomach cancer	20·0 (11·1–31·6)	25·8 (15·2–40·1)	34·2 (20·2–52·8)	39·5 (22·3–63·5)	39·5 (22·7–63·0)	40·5 (23·3–66·0)	54·4 (32·9–89·5)
Liver cancer	11·2 (7·7–13·7)	15·2 (10·4–19·4)	18·2 (12·7–21·9)	19·7 (14·9–24·4)	18·6 (13·9–25·4)	16·7 (13·0–22·3)	17·9 (14·5–24·8)
Liver cancer secondary to hepatitis B	4·3 (2·9–5·5)	5·9 (4·0–7·6)	6·9 (4·7–8·6)	7·3 (5·5–9·2)	6·8 (4·9–9·3)	5·7 (4·4–7·9)	5·5 (4·4–7·8)
Liver cancer secondary to hepatitis C	2·8 (1·9–3·4)	4·5 (3·0–5·6)	6·3 (4·4–7·4)	7·4 (5·6–8·9)	7·1 (5·3–9·1)	6·4 (5·0–8·4)	7·2 (5·7–9·8)
Liver cancer secondary to alcohol use	2·4 (1·6–2·9)	3·1 (2·1–3·9)	3·6 (2·5–4·3)	3·8 (2·9–4·7)	3·7 (2·8–4·9)	3·6 (2·9–4·8)	4·4 (3·5–5·9)
Other liver cancer	1·7 (1·1–2·0)	1·7 (1·1–2·1)	1·4 (1·0–1·7)	1·1 (0·8–1·4)	1·0 (0·8–1·4)	0·9 (0·7–1·2)	0·9 (0·7–1·2)
Larynx cancer	0·9 (0·4–1·6)	1·4 (0·6–2·4)	1·8 (0·8–3·1)	1·6 (0·8–2·5)	1·5 (0·7–2·5)	1·1 (0·6–1·6)	1·2 (0·7–1·7)
Trachea, bronchus and lung cancers	19·7 (13·8–30·8)	28·7 (19·8–43·6)	38·8 (27·1–60·4)	46·9 (32·9–75·7)	44·0 (31·9–68·3)	38·9 (28·0–64·9)	39·1 (28·8–64·9)

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Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Breast cancer	34·5 (33·1–36·4)	36·6 (35·2–38·7)	38·2 (36·4–40·6)	36·9 (35·3–39·6)	29·8 (28·5–32·1)	29·4 (28·1–31·9)	44·0 (41·3–48·3)
Cervical cancer	23·4 (14·4–33·6)	24·5 (14·5–34·1)	25·9 (14·5–35·8)	22·1 (13·0–29·9)	18·6 (11·1–25·6)	14·2 (8·6–19·9)	14·8 (8·7–21·0)
Uterine cancer	3·0 (1·6–5·0)	4·4 (2·3–7·4)	6·1 (3·4–10·7)	7·2 (4·2–12·8)	6·2 (3·3–10·8)	6·3 (3·4–11·2)	7·9 (4·4–14·3)
Prostate cancer	–	–	–	–	–	–	–
Colon and rectum cancers	13·4 (9·8–16·0)	18·1 (13·4–22·1)	25·8 (19·3–30·9)	31·0 (23·4–38·5)	32·1 (23·8–39·8)	38·5 (28·6–48·4)	63·7 (47·5–80·7)
Mouth cancer	3·2 (1·8–4·2)	3·4 (2·1–4·3)	4·0 (2·7–5·2)	4·0 (2·7–5·1)	3·4 (2·3–4·2)	3·0 (2·0–3·7)	4·8 (3·3–5·9)
Nasopharynx cancer	1·4 (0·8–2·2)	1·6 (0·9–2·4)	1·7 (0·9–2·8)	1·5 (0·8–2·4)	1·3 (0·7–2·0)	1·0 (0·5–1·5)	1·0 (0·6–1·6)
Cancer of other part of pharynx and oropharynx	3·1 (1·2–5·8)	2·9 (1·2–5·0)	3·0 (1·3–4·9)	2·4 (1·1–4·1)	1·9 (1·0–3·0)	1·5 (0·8–2·3)	1·6 (0·9–2·4)
Gallbladder and biliary tract cancer	3·4 (1·7–5·6)	5·2 (2·6–8·5)	7·2 (3·8–12·2)	8·9 (4·5–14·9)	8·7 (4·5–14·6)	9·4 (5·0–16·2)	13·5 (7·0–22·7)
Pancreatic cancer	4·4 (2·7–6·9)	7·3 (4·4–11·6)	10·7 (6·6–16·4)	13·6 (8·4–21·4)	14·1 (8·7–22·4)	16·1 (9·7–25·1)	23·0 (13·9–37·5)
Malignant melanoma of skin	1·1 (0·6–1·7)	1·2 (0·6–1·9)	1·5 (0·8–2·5)	1·6 (0·9–2·7)	1·5 (0·8–2·5)	1·7 (1·0–2·9)	2·8 (1·7–5·1)
Non-melanoma skin cancer	0·3 (0·1–0·7)	0·4 (0·2–0·9)	0·6 (0·3–1·2)	0·8 (0·3–1·4)	0·9 (0·4–1·6)	1·3 (0·6–2·4)	4·0 (1·7–7·6)
Ovarian cancer	12·0 (8·3–15·4)	13·7 (9·6–16·8)	15·5 (10·9–19·7)	15·6 (11·1–20·2)	12·1 (8·2–15·7)	11·1 (8·0–14·4)	12·9 (9·1–17·4)
Testicular cancer	–	–	–	–	–	–	–
Kidney and other urinary organ cancers	1·9 (1·0–3·2)	2·9 (1·6–4·9)	4·2 (2·2–6·9)	5·0 (2·6–8·4)	4·5 (2·4–7·7)	5·1 (2·9–9·0)	6·7 (3·6–11·4)
Bladder cancer	1·3 (1·0–1·6)	1·9 (1·5–2·2)	3·0 (2·5–3·5)	4·3 (3·5–4·7)	4·9 (4·1–5·5)	5·9 (5·1–7·0)	11·0 (9·4–13·2)
Brain and nervous system cancers	5·1 (2·6–8·2)	6·2 (3·1–9·2)	7·1 (3·8–11·7)	6·9 (3·8–11·5)	5·2 (3·0–9·4)	4·4 (2·5–8·5)	3·9 (2·3–7·9)
Thyroid cancer	0·9 (0·5–1·2)	1·3 (0·8–1·8)	1·9 (1·2–2·6)	2·3 (1·5–3·1)	2·4 (1·5–3·2)	2·4 (1·5–3·3)	2·9 (1·8–4·0)
Hodgkin's disease	0·5 (0·2–0·8)	0·5 (0·2–0·8)	0·6 (0·3–1·0)	0·7 (0·3–1·2)	0·6 (0·3–1·0)	0·7 (0·3–1·1)	0·7 (0·4–1·2)
Non-Hodgkin's lymphoma	3·2 (2·2–4·1)	4·4 (3·0–5·5)	6·1 (4·2–7·4)	7·4 (5·2–9·1)	7·2 (5·2–8·9)	7·5 (5·6–10·0)	10·3 (7·6–13·9)
Multiple myeloma	1·1 (0·6–1·8)	1·9 (1·1–3·1)	2·9 (1·6–4·9)	3·7 (2·1–6·5)	3·7 (2·1–6·3)	4·1 (2·4–6·9)	5·5 (3·0–9·1)
Leukemia	4·8 (3·0–6·8)	5·9 (3·6–8·4)	7·2 (4·4–10·3)	7·9 (5·1–11·5)	7·4 (4·8–11·0)	8·1 (5·3–11·9)	12·1 (7·8–17·8)
Other neoplasms	12·9 (7·6–18·5)	16·1 (10·3–22·5)	19·6 (12·6–28·2)	21·7 (13·7–31·7)	21·7 (13·6–31·3)	21·6 (13·8–31·9)	32·1 (21·3–48·9)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Females, 50-54 Years	Females, 55-59 Years	Females, 60-64 Years	Females, 65-69 Years	Females, 70-74 Years	Females, 75-79 Years	Females, 80+ Years
Cardiovascular and circulatory diseases	186·1 (152·3–233·1)	255·9 (217·2–311·6)	408·0 (346·4–494·5)	568·4 (498·2–672·8)	724·0 (643·8–841·6)	1,033·7 (929·3–1,157·3)	2,545·0 (2,340·8–2,724·9)
Rheumatic heart disease	18·0 (14·4–23·4)	20·5 (16·9–25·9)	23·5 (20·0–28·5)	23·8 (20·9–27·7)	24·7 (21·6–28·6)	27·0 (24·3–30·0)	57·8 (53·5–62·2)
Ischemic heart disease	65·4 (59·1–76·9)	90·3 (82·7–113·1)	158·7 (145·3–188·3)	229·8 (215·2–264·9)	288·0 (271·2–331·9)	431·5 (411·3–481·6)	1,143·7 (1,087·7–1,249·0)
Cerebrovascular disease	75·6 (63·8–95·6)	107·6 (89·7–138·0)	170·4 (149·6–215·3)	241·0 (203·9–296·1)	319·4 (274·2–391·5)	454·0 (399·1–528·2)	1,034·5 (913·6–1,190·7)
Ischemic stroke	12·2 (10·5–15·5)	21·6 (18·5–28·0)	51·0 (44·4–62·1)	83·2 (74·6–96·4)	139·4 (122·7–163·1)	249·5 (227·3–279·6)	735·4 (687·2–794·3)
Hemorrhagic and other non-ischemic stroke	63·4 (49·0–82·1)	86·0 (66·2–110·6)	119·4 (91·3–153·0)	157·8 (123·2–201·4)	179·9 (139·9–228·0)	204·6 (164·4–252·6)	299·1 (241·7–367·5)
Hypertensive heart disease	12·1 (7·8–18·1)	16·6 (11·0–23·9)	26·0 (17·4–36·9)	35·3 (23·3–52·7)	44·5 (30·0–64·1)	56·7 (38·0–80·5)	132·0 (90·0–190·1)
Cardiomyopathy and myocarditis	5·9 (4·6–7·3)	7·3 (5·6–9·1)	9·6 (7·6–11·5)	10·9 (8·8–13·0)	11·8 (9·5–13·9)	14·0 (11·7–16·2)	32·0 (27·3–37·4)
Atrial fibrillation and flutter	0·2 (0·1–0·3)	0·3 (0·2–0·6)	0·7 (0·4–1·4)	1·2 (0·8–2·1)	2·0 (1·3–3·6)	3·6 (2·7–5·2)	13·7 (10·8–18·5)
Aortic aneurysm	1·5 (0·7–3·2)	2·0 (1·1–3·6)	3·6 (1·9–6·6)	5·7 (3·1–10·0)	8·1 (4·2–15·7)	9·9 (6·1–16·4)	21·7 (14·1–33·8)
Peripheral vascular disease	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·4 (0·2–0·7)	0·6 (0·3–1·0)	1·0 (0·5–1·9)	1·5 (0·6–2·5)	6·1 (3·1–9·9)
Endocarditis	0·6 (0·4–0·9)	0·7 (0·5–1·1)	1·0 (0·7–1·4)	1·1 (0·9–1·8)	1·2 (0·9–2·0)	1·5 (1·2–2·4)	3·7 (2·8–5·3)
Other cardiovascular and circulatory diseases	6·6 (5·7–7·6)	10·2 (8·7–11·8)	14·2 (12·4–15·9)	19·0 (16·8–20·9)	23·3 (20·9–25·7)	34·0 (31·5–36·5)	99·9 (94·5–106·2)
Chronic respiratory diseases	59·3 (53·6–65·5)	98·0 (88·9–108·4)	163·5 (150·7–176·7)	216·8 (200·8–232·6)	273·4 (253·1–292·1)	293·0 (274·6–311·3)	544·3 (511·3–574·1)
Chronic obstructive pulmonary disease	43·4 (36·2–51·0)	75·1 (64·4–87·2)	130·3 (115·7–145·5)	179·0 (160·9–196·6)	229·9 (207·8–252·0)	246·4 (227·7–265·3)	457·7 (427·9–488·0)
Pneumoconiosis	1·6 (0·7–3·2)	2·8 (1·3–5·7)	4·4 (2·1–10·1)	5·6 (2·5–12·8)	7·6 (3·2–17·9)	8·3 (3·9–16·6)	20·0 (9·7–41·6)
Asthma	8·9 (6·1–17·6)	12·5 (8·6–24·5)	17·7 (12·1–31·1)	19·2 (14·0–29·8)	21·1 (15·3–32·0)	21·3 (16·4–32·9)	30·5 (23·8–45·3)
Other interstitial lung disease	0·9 (0·5–1·6)	1·5 (0·8–2·7)	2·3 (1·2–3·9)	3·1 (1·6–5·5)	3·5 (1·8–5·9)	4·0 (2·2–7·3)	6·4 (3·4–11·9)
Other chronic respiratory diseases	4·4 (2·4–9·3)	6·0 (3·2–11·9)	8·8 (4·8–16·7)	9·8 (5·7–17·9)	11·3 (7·0–18·4)	13·0 (8·5–19·7)	29·7 (20·8–41·9)
Cirrhosis of the liver	22·9 (17·4–26·4)	28·6 (21·2–33·8)	33·1 (25·9–38·6)	33·7 (25·1–38·9)	29·2 (21·4–34·5)	26·8 (20·0–31·1)	34·8 (24·1–40·0)
Cirrhosis of the liver secondary to hepatitis B	7·9 (6·1–9·1)	10·2 (7·7–12·0)	12·1 (9·7–13·9)	12·3 (9·1–14·2)	10·7 (7·8–12·5)	9·2 (6·6–11·0)	10·8 (6·9–12·8)
Cirrhosis of the liver secondary to hepatitis C	7·6 (6·4–8·7)	10·4 (8·2–12·1)	13·2 (10·9–15·2)	14·1 (11·1–16·3)	12·1 (9·4–13·7)	11·4 (9·1–13·0)	15·3 (11·2–17·4)
Cirrhosis of the liver secondary to alcohol use	3·4 (3·0–4·0)	4·0 (3·2–4·7)	4·3 (3·7–5·0)	4·3 (3·5–4·9)	3·8 (3·0–4·4)	3·8 (3·1–4·4)	5·7 (4·3–6·4)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Females, 50-54 Years	Females, 55-59 Years	Females, 60-64 Years	Females, 65-69 Years	Females, 70-74 Years	Females, 75-79 Years	Females, 80+ Years
Other cirrhosis of the liver	4·0 (3·4–4·7)	4·0 (3·2–4·7)	3·6 (3·0–4·1)	3·0 (2·4–3·5)	2·6 (2·0–3·0)	2·4 (1·8–2·8)	3·1 (2·2–3·6)
Digestive diseases (except cirrhosis)	22·2 (19·8–24·7)	22·5 (20·3–25·1)	32·6 (29·7–36·1)	39·2 (36·3–42·6)	44·9 (41·3–49·1)	55·1 (51·0–59·3)	120·9 (113·2–131·8)
Peptic ulcer disease	8·0 (6·0–9·8)	6·3 (4·7–7·5)	9·3 (7·1–11·1)	10·8 (8·1–13·1)	12·1 (9·2–14·1)	14·5 (11·4–16·9)	29·0 (21·2–33·0)
Gastritis and duodenitis	0·3 (0·2–0·6)	0·3 (0·2–0·6)	0·5 (0·3–0·8)	0·5 (0·3–0·9)	0·7 (0·4–1·1)	0·8 (0·5–1·4)	2·3 (1·2–4·0)
Appendicitis	0·7 (0·4–1·1)	0·9 (0·4–1·2)	1·2 (0·6–1·9)	1·2 (0·6–1·8)	1·5 (0·7–2·1)	1·5 (0·7–2·0)	2·4 (1·3–3·3)
Paralytic ileus and intestinal obstruction without hernia	2·6 (1·3–3·7)	2·8 (1·5–4·0)	4·0 (2·0–5·3)	4·5 (2·5–6·1)	5·5 (3·0–7·5)	6·9 (4·1–8·9)	17·2 (10·8–23·7)
Inguinal or femoral hernia	0·4 (0·4–0·4)	0·4 (0·4–0·5)	0·7 (0·7–0·7)	0·9 (0·9–1·0)	1·1 (1·1–1·2)	1·6 (1·5–1·7)	3·6 (3·4–3·8)
Noninfective inflammatory bowel disease	0·5 (0·3–0·7)	0·6 (0·4–0·9)	0·8 (0·5–1·1)	0·9 (0·5–1·3)	1·1 (0·6–1·6)	1·4 (0·9–1·9)	3·7 (2·5–5·0)
Vascular disorders of intestine	0·5 (0·3–1·1)	0·7 (0·4–1·6)	1·4 (0·8–3·0)	2·5 (1·3–4·6)	3·1 (1·7–5·8)	5·3 (2·7–9·1)	12·8 (6·3–23·2)
Gall bladder and bile duct disease	1·8 (1·2–2·7)	2·2 (1·6–3·2)	3·1 (2·2–4·4)	4·0 (2·8–5·6)	4·4 (3·3–6·6)	5·7 (4·1–7·9)	13·8 (10·3–19·8)
Pancreatitis	1·2 (0·8–1·7)	1·4 (0·9–1·8)	1·9 (1·2–2·7)	2·2 (1·5–3·1)	2·2 (1·4–3·3)	2·7 (1·8–3·8)	4·6 (3·0–6·2)
Other digestive diseases	6·2 (3·4–9·1)	6·8 (3·7–9·8)	9·7 (5·4–13·4)	11·6 (6·8–15·6)	13·1 (7·7–18·4)	14·8 (8·7–20·6)	31·5 (19·9–45·2)
Neurological disorders	11·3 (6·3–18·2)	13·6 (7·7–22·0)	17·7 (10·5–29·8)	21·6 (13·2–34·4)	26·7 (16·8–41·3)	35·0 (25·0–47·9)	96·4 (73·4–147·6)
Alzheimer's disease and other dementias	0·6 (0·3–1·1)	1·0 (0·6–1·6)	2·2 (1·1–3·6)	3·7 (2·2–6·0)	6·6 (3·9–11·0)	13·6 (9·0–22·2)	61·5 (43·1–111·3)
Parkinson's disease	0·3 (0·1–0·4)	0·5 (0·3–0·8)	1·0 (0·6–1·7)	2·0 (1·2–3·0)	3·3 (2·1–5·2)	5·7 (3·7–8·6)	12·5 (8·3–18·8)
Epilepsy	2·2 (1·3–3·0)	2·2 (1·2–3·0)	2·1 (1·2–2·9)	2·4 (1·4–3·3)	2·1 (1·1–2·9)	2·2 (1·2–3·0)	4·1 (2·3–6·1)
Multiple sclerosis	0·9 (0·6–1·4)	0·9 (0·5–1·5)	0·9 (0·6–1·4)	0·9 (0·6–1·2)	0·7 (0·4–1·0)	0·5 (0·3–0·8)	0·5 (0·3–0·7)
Other neurological disorders	7·3 (2·7–14·0)	9·0 (3·8–17·8)	11·5 (4·4–23·3)	12·6 (4·7–25·0)	13·9 (5·2–28·0)	13·0 (5·5–23·6)	17·8 (6·4–32·5)
Mental and behavioral disorders	3·5 (1·9–6·0)	3·4 (1·9–5·5)	3·3 (1·9–5·9)	2·8 (1·8–4·7)	2·1 (1·5–3·2)	2·5 (1·6–3·7)	5·4 (3·1–8·0)
Schizophrenia	0·6 (0·4–1·0)	0·8 (0·4–1·3)	0·7 (0·3–1·1)	0·7 (0·4–1·2)	0·6 (0·4–1·0)	0·6 (0·4–1·1)	1·1 (0·6–1·9)
Alcohol use disorders	2·2 (0·8–4·5)	2·0 (0·8–4·0)	2·0 (0·8–4·3)	1·4 (0·6–3·1)	0·7 (0·3–1·6)	0·6 (0·3–1·5)	0·6 (0·3–1·4)
Drug use disorders	0·4 (0·2–0·8)	0·3 (0·2–0·7)	0·3 (0·2–0·8)	0·3 (0·2–0·6)	0·3 (0·1–0·6)	0·3 (0·2–0·7)	0·5 (0·3–1·1)
Opioid use disorders	0·1 (0·1–0·3)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·4)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Females, 50-54 Years	Females, 55-59 Years	Females, 60-64 Years	Females, 65-69 Years	Females, 70-74 Years	Females, 75-79 Years	Females, 80+ Years
Cocaine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·2 (0·1–0·5)	0·2 (0·1–0·4)	0·2 (0·1–0·5)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·2 (0·1–0·5)	0·3 (0·2–0·7)
Eating disorders	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·4)	1·1 (0·4–1·8)
Other mental and behavioral disorders	0·1 (0·0–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·3 (0·1–0·6)	0·3 (0·1–0·7)	0·7 (0·3–1·2)	2·2 (0·8–3·6)
Diabetes, urogenital, blood, and endocrine diseases	35·5 (31·1–41·6)	50·6 (44·8–58·7)	71·7 (64·7–84·4)	87·6 (79·5–101·9)	91·1 (82·5–105·8)	100·5 (91·4–117·0)	180·3 (158·2–213·8)
Diabetes mellitus	17·7 (15·3–20·5)	28·1 (25·2–32·9)	42·5 (37·9–50·5)	53·5 (48·1–62·4)	55·1 (50·7–67·2)	57·3 (51·9–68·9)	82·1 (73·7–97·4)
Acute glomerulonephritis	1·9 (0·6–5·9)	2·1 (0·7–7·1)	2·5 (0·8–7·6)	2·7 (0·9–7·7)	2·3 (0·8–6·8)	2·0 (0·7–5·8)	2·4 (0·8–8·3)
Chronic kidney diseases	9·9 (7·3–13·3)	13·2 (9·9–17·7)	16·7 (12·7–23·4)	18·8 (14·8–27·0)	19·4 (14·9–27·4)	22·3 (17·2–30·7)	49·0 (36·7–65·2)
Chronic kidney disease due to diabetes mellitus	2·9 (2·1–3·9)	4·5 (3·2–6·1)	6·4 (4·8–9·0)	6·5 (5·1–9·4)	5·9 (4·4–8·2)	5·7 (4·4–8·2)	10·7 (7·9–14·7)
Chronic kidney disease due to hypertension	2·1 (1·6–2·8)	2·7 (2·0–3·7)	3·3 (2·5–4·6)	4·0 (3·2–5·8)	4·4 (3·3–6·1)	5·3 (4·1–7·4)	12·3 (9·4–16·3)
Chronic kidney disease unspecified	4·9 (3·6–6·6)	6·0 (4·4–8·2)	7·0 (5·2–10·1)	8·3 (6·5–11·9)	9·2 (7·1–12·9)	11·2 (8·7–15·3)	26·0 (19·2–35·3)
Urinary diseases and male infertility	2·6 (1·5–3·6)	3·2 (1·9–4·1)	4·9 (3·0–6·5)	6·4 (3·9–8·5)	7·3 (4·5–9·5)	10·3 (6·7–14·1)	26·3 (18·7–37·3)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	1·5 (0·9–2·3)	1·8 (1·2–2·6)	2·9 (1·8–4·3)	3·9 (2·4–5·4)	4·4 (2·9–6·3)	6·4 (4·4–9·5)	18·5 (12·8–27·3)
Urolithiasis	0·4 (0·2–0·9)	0·5 (0·2–0·9)	0·8 (0·3–1·5)	0·9 (0·4–1·7)	1·0 (0·4–2·0)	1·5 (0·6–2·9)	2·5 (1·1–5·1)
Other urinary diseases	0·7 (0·4–1·0)	0·8 (0·5–1·1)	1·3 (0·8–1·7)	1·7 (1·0–2·3)	1·9 (1·1–2·6)	2·4 (1·5–3·4)	5·2 (3·5–7·8)
Gynecological diseases	0·3 (0·3–0·3)	0·3 (0·3–0·3)	0·3 (0·3–0·3)	0·3 (0·3–0·3)	0·3 (0·3–0·3)	0·3 (0·3–0·3)	0·6 (0·6–0·7)
Uterine fibroids	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·1–0·1)
Endometriosis	<0·05 (0·0–0·05)	–	–	–	–	–	–
Genital prolapse	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·0–0·1)
Other gynecological diseases	0·3 (0·2–0·3)	0·3 (0·2–0·3)	0·2 (0·2–0·2)	0·2 (0·2–0·3)	0·3 (0·2–0·3)	0·3 (0·3–0·3)	0·5 (0·5–0·5)
Hemoglobinopathies and hemolytic anemias	1·3 (0·7–2·7)	1·7 (1·0–3·7)	2·1 (1·3–4·0)	2·6 (1·5–4·6)	3·2 (1·8–5·7)	3·9 (2·2–7·2)	8·1 (4·6–14·1)
Thalassemias	0·4 (0·2–0·6)	0·3 (0·2–0·5)	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·1 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	Females, 50-54 Years	Females, 55-59 Years	Females, 60-64 Years	Females, 65-69 Years	Females, 70-74 Years	Females, 75-79 Years	Females, 80+ Years
Sickle cell disorders	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·4)	0·2 (0·1–0·3)	0·2 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·0–0·1)
G6PD deficiency	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·3 (0·2–0·5)
Other hemoglobinopathies and hemolytic anemias	0·6 (0·2–1·3)	1·0 (0·4–2·1)	1·6 (0·7–2·8)	2·2 (1·0–3·6)	2·9 (1·3–5·0)	3·7 (1·8–6·4)	7·7 (4·0–13·6)
Other endocrine, nutritional, blood, and immune disorders	1·7 (0·7–2·8)	2·0 (0·9–3·3)	2·8 (1·2–4·8)	3·3 (1·4–5·4)	3·5 (1·5–5·7)	4·4 (2·1–7·1)	11·8 (5·1–19·8)
Musculoskeletal disorders	2·2 (1·1–3·2)	2·9 (1·5–4·2)	3·3 (1·8–4·8)	3·9 (2·1–5·5)	4·6 (2·4–6·6)	6·1 (3·2–8·7)	11·4 (6·2–17·1)
Rheumatoid arthritis	1·0 (0·6–1·6)	1·5 (0·9–2·3)	1·7 (1·1–2·5)	2·2 (1·4–3·2)	2·6 (1·6–4·0)	3·6 (2·0–5·2)	5·3 (3·3–8·2)
Other musculoskeletal disorders	1·2 (0·8–1·8)	1·5 (0·9–2·1)	1·6 (1·0–2·2)	1·7 (1·2–2·3)	2·0 (1·3–2·9)	2·5 (1·6–3·3)	6·1 (4·2–8·3)
Other non-communicable diseases	3·7 (2·7–5·1)	4·8 (3·4–6·5)	6·3 (4·3–8·6)	6·8 (4·8–9·1)	8·4 (5·9–11·2)	8·9 (6·5–11·7)	20·5 (15·6–26·4)
Congenital anomalies	1·9 (1·3–2·9)	2·7 (1·7–4·1)	3·8 (2·1–5·7)	4·0 (2·2–6·0)	4·5 (2·5–6·7)	4·3 (2·4–6·5)	8·3 (4·9–11·9)
Neural tube defects	0·2 (0·1–0·6)	0·3 (0·1–0·8)	0·4 (0·1–0·9)	0·4 (0·1–0·8)	0·5 (0·1–1·0)	0·4 (0·1–1·0)	0·4 (0·2–0·9)
Congenital heart anomalies	0·6 (0·4–0·9)	0·8 (0·6–1·2)	1·3 (0·8–2·1)	1·6 (1·0–2·7)	2·2 (1·2–3·6)	2·4 (1·4–3·8)	6·0 (3·7–9·5)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	0·3 (0·1–0·7)	0·3 (0·1–0·8)	0·4 (0·1–1·0)	0·2 (0·1–0·6)	0·1 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)
Other chromosomal abnormalities	<0·05 (0·0–0·1)	0·1 (0·0–0·3)	0·1 (0·0–0·2)	0·3 (0·0–2·0)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·2)
Other congenital anomalies	0·8 (0·4–1·4)	1·1 (0·6–2·1)	1·6 (0·8–3·2)	1·6 (0·8–2·9)	1·8 (0·9–3·3)	1·5 (0·8–3·1)	1·8 (0·9–3·8)
Skin and subcutaneous diseases	1·8 (1·1–2·9)	2·0 (1·3–3·1)	2·6 (1·6–4·0)	2·8 (1·8–4·2)	3·9 (2·7–6·0)	4·6 (3·1–7·1)	12·2 (8·6–17·4)
Cellulitis	0·6 (0·4–1·0)	0·7 (0·4–1·0)	0·8 (0·5–1·2)	0·8 (0·5–1·2)	0·9 (0·6–1·4)	0·8 (0·6–1·3)	1·6 (1·1–2·2)
Abscess, impetigo, and other bacterial skin diseases	0·7 (0·4–1·1)	0·8 (0·5–1·2)	1·0 (0·6–1·4)	1·0 (0·6–1·4)	1·2 (0·8–1·7)	1·2 (0·8–1·8)	2·7 (1·9–3·8)
Decubitus ulcer	0·5 (0·3–0·7)	0·5 (0·3–0·8)	0·8 (0·5–1·2)	1·1 (0·7–1·6)	1·8 (1·3–2·7)	2·5 (1·7–3·9)	7·9 (5·6–10·9)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	59·3 (51·4–71·9)	55·8 (47·2–65·9)	58·5 (50·8–69·6)	57·0 (49·3–66·9)	55·4 (47·8–62·3)	61·3 (54·6–69·2)	127·1 (110·5–148·4)
Transport injuries	13·4 (9·4–16·2)	13·4 (9·0–16·5)	13·7 (9·5–16·7)	13·0 (9·3–15·9)	11·7 (8·3–14·5)	11·2 (7·9–13·7)	11·8 (8·4–14·3)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Road injury	12·7 (9·1–15·5)	12·7 (9·0–15·1)	13·1 (9·0–15·6)	12·5 (8·7–14·9)	11·2 (8·0–13·7)	10·7 (7·9–13·1)	11·2 (7·9–13·4)
Pedestrian injury by road vehicle	3·1 (1·9–4·3)	3·2 (2·0–4·4)	3·7 (2·4–4·9)	3·7 (2·5–5·0)	3·7 (2·5–4·9)	4·2 (2·8–5·5)	4·9 (3·1–6·5)
Pedal cycle vehicle	0·9 (0·5–1·5)	0·9 (0·5–1·6)	0·9 (0·5–1·7)	0·9 (0·5–1·5)	0·8 (0·5–1·3)	0·7 (0·5–1·1)	0·6 (0·3–0·9)
Motorized vehicle with two wheels	1·3 (0·7–2·4)	1·2 (0·7–2·0)	1·1 (0·6–1·9)	0·9 (0·5–1·4)	0·7 (0·4–1·2)	0·6 (0·4–1·0)	0·6 (0·3–1·1)
Motorized vehicle with three or more wheels	5·1 (3·3–7·2)	4·9 (3·3–7·0)	4·9 (3·2–7·1)	4·9 (3·2–6·9)	4·1 (2·7–5·7)	3·6 (2·3–5·2)	3·8 (2·3–5·4)
Road injury other	2·4 (0·5–5·9)	2·5 (0·5–5·4)	2·4 (0·5–5·5)	2·0 (0·5–4·6)	1·9 (0·4–4·0)	1·5 (0·4–3·4)	1·4 (0·3–3·1)
Other transport injury	0·7 (0·4–1·1)	0·6 (0·4–1·0)	0·7 (0·4–1·0)	0·6 (0·3–0·9)	0·5 (0·3–0·7)	0·5 (0·3–0·8)	0·5 (0·3–0·8)
Unintentional injuries other than transport injuries	24·8 (21·4–31·2)	23·2 (20·1–28·1)	25·8 (22·7–30·2)	27·1 (23·5–32·5)	29·2 (25·3–34·1)	37·2 (32·6–43·9)	99·6 (85·1–119·7)
Falls	3·7 (2·8–4·7)	4·1 (3·2–5·4)	5·5 (4·2–7·5)	7·1 (5·4–9·1)	9·5 (7·5–12·4)	16·3 (12·2–21·3)	61·0 (48·0–78·5)
Drowning	3·3 (2·4–4·4)	3·0 (2·0–4·3)	3·4 (2·4–4·8)	3·3 (2·4–4·4)	3·4 (2·3–4·6)	3·2 (2·2–4·3)	4·0 (2·8–5·5)
Fire, heat and hot substances	4·5 (2·8–6·5)	4·0 (2·6–5·8)	4·4 (3·0–6·1)	4·3 (2·9–6·5)	4·6 (3·0–6·3)	4·8 (3·2–7·1)	8·3 (5·8–12·3)
Poisonings	3·4 (2·4–6·0)	2·9 (2·1–5·2)	2·7 (2·0–5·2)	2·6 (1·9–4·3)	2·3 (1·7–3·8)	2·1 (1·6–3·6)	3·1 (2·3–4·8)
Exposure to mechanical forces	4·0 (2·1–8·7)	3·6 (1·9–6·7)	3·5 (1·9–6·4)	3·2 (1·6–6·7)	2·6 (1·3–4·9)	2·8 (1·5–5·4)	3·4 (1·9–6·5)
Mechanical forces (firearm)	2·0 (0·4–6·6)	1·6 (0·4–4·5)	1·5 (0·4–4·2)	1·4 (0·3–4·8)	1·2 (0·2–3·5)	1·2 (0·2–3·9)	1·4 (0·3–4·9)
Mechanical forces (other)	2·0 (0·9–4·8)	2·0 (0·9–4·2)	1·9 (0·8–4·1)	1·8 (0·8–4·4)	1·4 (0·7–2·9)	1·6 (0·7–3·9)	2·0 (1·0–4·8)
Adverse effects of medical treatment	0·6 (0·3–1·0)	0·8 (0·4–1·1)	0·9 (0·5–1·4)	1·2 (0·7–1·8)	1·2 (0·6–1·9)	1·6 (0·9–2·3)	3·2 (1·8–5·3)
Animal contact	1·7 (0·8–2·7)	1·2 (0·5–2·2)	1·3 (0·6–2·3)	1·1 (0·6–2·0)	1·2 (0·6–2·2)	1·1 (0·5–2·1)	1·1 (0·5–2·6)
Animal contact (venomous)	1·2 (0·4–2·2)	0·8 (0·3–1·8)	0·9 (0·3–1·7)	0·7 (0·3–1·4)	0·8 (0·3–1·6)	0·7 (0·2–1·6)	0·6 (0·2–1·5)
Animal contact (non-venomous)	0·4 (0·1–0·8)	0·4 (0·1–0·7)	0·5 (0·2–0·9)	0·4 (0·1–0·8)	0·5 (0·1–0·9)	0·4 (0·1–0·9)	0·5 (0·2–1·1)
Unintentional injuries not classified elsewhere	3·6 (2·4–4·8)	3·7 (2·4–4·8)	4·1 (2·7–5·3)	4·2 (2·9–5·3)	4·3 (3·0–5·4)	5·3 (3·7–6·5)	15·4 (10·9–17·9)
Self-harm and interpersonal violence	18·9 (13·0–28·9)	17·0 (10·4–25·4)	16·7 (11·1–24·7)	14·9 (9·5–22·5)	13·2 (8·3–18·7)	12·2 (7·9–17·0)	15·3 (9·7–21·7)
Self-harm	16·1 (10·3–25·5)	14·8 (8·5–23·5)	14·6 (9·0–22·6)	13·2 (7·9–20·7)	11·9 (7·2–17·4)	11·0 (6·9–15·8)	13·8 (8·3–20·1)
Interpersonal violence	2·8 (2·1–3·5)	2·2 (1·7–2·7)	2·1 (1·6–2·6)	1·7 (1·3–2·1)	1·3 (1·0–1·6)	1·2 (0·9–1·5)	1·5 (1·2–1·9)

Web Table 26 - Global deaths (in thousands) with 95% UI for 235 causes by age, sex, and cause in 1990							
Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Assault by firearm	0·7 (0·3–1·3)	0·5 (0·2–1·0)	0·5 (0·2–0·9)	0·3 (0·1–0·6)	0·2 (0·1–0·4)	0·2 (0·1–0·3)	0·2 (0·1–0·4)
Assault by sharp object	0·7 (0·4–1·0)	0·5 (0·3–0·8)	0·5 (0·3–0·8)	0·4 (0·2–0·6)	0·3 (0·2–0·5)	0·2 (0·1–0·4)	0·3 (0·1–0·5)
Assault by other means	1·4 (0·9–1·9)	1·1 (0·8–1·6)	1·1 (0·8–1·6)	1·0 (0·7–1·3)	0·8 (0·6–1·0)	0·8 (0·6–1·1)	1·0 (0·7–1·4)
Forces of nature, war, and legal intervention	2·1 (1·2–4·8)	2·2 (1·2–4·9)	2·3 (1·2–5·0)	2·0 (1·1–4·5)	1·3 (0·7–2·9)	0·7 (0·4–1·4)	0·4 (0·2–0·9)
Exposure to forces of nature	0·7 (0·3–1·7)	0·9 (0·4–2·0)	0·9 (0·4–2·2)	0·9 (0·4–2·1)	0·6 (0·3–1·4)	0·3 (0·2–0·7)	0·2 (0·1–0·4)
Collective violence and legal intervention	1·4 (0·8–3·0)	1·3 (0·8–2·9)	1·3 (0·7–2·8)	1·1 (0·6–2·3)	0·7 (0·4–1·5)	0·3 (0·2–0·7)	0·2 (0·1–0·5)

*For these causes, the mean value is outside of the 95% uncertainty interval. This occurs because the full distribution of 1,000 draws is asymmetric with a long tail. A small number of high values in the uncertainty distribution raises the mean above the 97.5 percentile of the distribution.

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
All causes	765·9 (738·4–782·5)	84,103·0 (76,897·5–91,223·	8,859·0 (8,219·4–9,569·6)	1,678·4 (1,543·0–1,875·3)	387·1 (352·7–427·4)	74·4 (70·7–78·6)	60·5 (56·7–66·6)
Communicable, maternal, neonatal, and nutritional disorders	191·0 (179·6–200·4)	77,463·3 (70,165·6–84,694·	7,749·0 (7,107·6–8,479·1)	1,362·9 (1,231·5–1,564·3)	283·0 (249·4–322·4)	42·0 (37·7–46·6)	26·6 (23·6–29·9)
HIV/AIDS and tuberculosis	38·6 (34·2–42·0)	–	–	40·7 (33·8–49·8)	23·8 (20·4–27·5)	6·4 (5·7–7·2)	6·0 (5·3–6·7)
Tuberculosis	17·4 (13·4–20·0)	–	–	15·1 (10·4–24·6)	5·0 (4·0–6·5)	1·4 (1·0–1·9)	1·1 (0·8–1·4)
HIV/AIDS	21·3 (19·4–23·3)	–	–	25·6 (21·3–30·4)	18·8 (15·5–22·2)	5·0 (4·4–5·6)	4·9 (4·3–5·5)
HIV disease resulting in mycobacterial infection	3·7 (3·4–4·1)	–	–	4·8 (3·8–5·9)	3·5 (2·8–4·4)	1·0 (0·8–1·1)	1·0 (0·8–1·1)
HIV disease resulting in other specified or unspecified diseases	17·5 (15·8–19·4)	–	–	20·8 (16·4–25·5)	15·3 (12·2–18·9)	4·0 (3·4–4·7)	3·9 (3·4–4·5)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	76·6 (68·8–84·0)	6,686·2 (5,406·5–8,120·1)	2,558·6 (2,213·6–2,906·9)	816·5 (701·6–1,023·5)	134·4 (115·3–162·0)	23·0 (18·8–27·5)	13·1 (10·1–16·1)
Diarrheal diseases	21·0 (18·6–23·3)	977·3 (686·3–1,367·4)	682·1 (531·3–867·6)	292·1 (235·8–342·6)	46·2 (36·6–55·6)	7·1 (5·7–8·7)	3·2 (2·5–4·4)
Cholera	0·8 (0·6–1·1)	59·6 (33·6–99·5)	41·8 (26·8–63·5)	17·1 (11·6–25·1)	3·4 (2·3–4·5)	0·4 (0·3–0·5)	0·1 (0·1–0·2)
Other salmonella infections	1·2 (0·9–1·5)	39·2 (23·7–59·1)	27·3 (18·0–39·2)	12·3 (8·5–16·7)	2·3 (1·7–3·0)	0·6 (0·4–0·8)	0·4 (0·3–0·6)
Shigellosis	1·8 (1·4–2·2)	59·7 (36·1–93·2)	42·0 (28·3–60·9)	17·8 (12·6–24·1)	3·4 (2·5–4·5)	0·7 (0·5–1·0)	0·4 (0·3–0·7)
Enteropathogenic E coli infection	1·3 (1·0–1·6)	121·4 (72·4–196·8)	85·6 (54·3–126·3)	36·9 (26·1–49·6)	3·7 (2·7–4·9)	0·3 (0·2–0·4)	0·1 (0·0–0·1)
Enterotoxigenic E coli infection	1·8 (1·4–2·1)	54·7 (33·4–87·9)	38·5 (26·1–55·6)	16·7 (12·1–22·4)	2·8 (2·0–3·6)	0·5 (0·3–0·6)	0·3 (0·2–0·4)
Campylobacter enteritis	1·6 (1·2–2·0)	98·0 (57·4–152·8)	69·2 (44·5–100·4)	29·7 (20·6–39·0)	3·9 (2·7–5·2)	0·4 (0·3–0·6)	0·2 (0·1–0·3)
Amoebiasis	0·8 (0·6–1·1)	11·4 (5·9–20·2)	7·8 (4·6–12·6)	3·3 (2·1–5·1)	0·8 (0·6–1·1)	0·2 (0·1–0·2)	0·1 (0·1–0·1)
Cryptosporidiosis	1·4 (1·1–1·8)	136·3 (86·0–202·3)	90·2 (63·5–124·8)	39·1 (29·1–50·7)	5·0 (3·6–6·4)	0·4 (0·3–0·5)	0·1 (0·1–0·1)
Rotaviral enteritis	3·6 (2·8–4·5)	250·4 (153·5–389·0)	173·5 (119·3–241·9)	74·5 (54·1–95·8)	12·5 (9·0–16·0)	1·2 (0·9–1·7)	0·4 (0·2–0·5)
Other diarrheal diseases	6·7 (4·9–8·8)	146·5 (78·7–248·2)	106·0 (63·7–168·0)	44·7 (28·3–66·4)	8·5 (5·3–12·9)	2·4 (1·6–3·5)	1·2 (0·8–1·9)
Typhoid and paratyphoid fevers	2·8 (0·3–5·2)	–	–	7·4 (0·9–14·0)	5·9 (0·7–11·4)	3·9 (0·5–7·4)	3·0 (0·4–5·5)
Lower respiratory infections	40·8 (36·1–44·0)	4,156·8 (3,269·5–5,348·7)	1,134·8 (931·4–1,378·9)	337·9 (288·3–390·0)	48·1 (41·3–59·0)	5·4 (4·4–6·8)	3·4 (2·8–4·3)
Influenza	7·4 (6·4–8·0)	570·9 (419·6–779·4)	156·2 (120·8–204·7)	47·2 (37·8–58·6)	6·9 (5·8–8·7)	0·9 (0·7–1·1)	0·7 (0·5–0·9)
Pneumococcal pneumonia	12·0 (10·4–13·1)	695·9 (508·9–919·2)	189·7 (144·7–238·9)	57·1 (46·1–70·2)	13·0 (11·0–15·9)	1·2 (1·0–1·6)	0·6 (0·5–0·8)

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Cause	Both Sexes, All Ages	Both Sexes, 0-6 Days	Both Sexes, 7-27 Days	Both Sexes, 28-364 Days	Both Sexes, 1-4 Years	Both Sexes, 5-9 Years	Both Sexes, 10-14 Years
H influenzae type B pneumonia	5·5 (4·9–6·1)	899·2 (662·2–1,220·6)	244·6 (190·3–312·2)	73·4 (59·2–89·2)	10·4 (8·7–13·1)	1·1 (0·9–1·4)	0·6 (0·5–0·8)
Respiratory syncytial virus pneumonia	3·7 (3·1–4·3)	1,401·1 (1,071·4–1,839·5)	386·5 (310·4–480·0)	113·2 (93·0–135·5)	6·2 (5·1–7·5)	0·1 (0·0–0·1)	<0·05 (0·2–0·05)
Other lower respiratory infections	12·3 (10·7–13·5)	589·6 (401·3–838·3)	157·8 (112·8–217·5)	47·0 (34·9–61·9)	11·6 (9·4–14·9)	2·1 (1·7–2·6)	1·5 (1·2–1·9)
Upper respiratory infections	<0·05 (2·7–0·05)	4·6 (3·6–5·8)	1·3 (1·1–1·5)	0·4 (0·4–0·5)	0·1 (0·1–0·1)	<0·05 (0·1–0·05)	<0·05 (0·0–0·05)
Otitis media	0·1 (0·0–0·6)	1·4 (0·0–15·5)	1·8 (0·0–20·7)	1·5 (0·0–17·5)	0·1 (0·0–0·7)	<0·05 (0·0–0·8)	<0·05 (0·0–0·7)
Meningitis	6·1 (5·2–6·8)	671·1 (446·4–917·5)	374·3 (286·4–484·1)	74·8 (59·8–93·5)	13·4 (10·8–17·6)	3·1 (2·4–3·9)	1·9 (1·5–2·5)
Pneumococcal meningitis	1·7 (1·4–1·9)	131·8 (82·6–198·1)	73·6 (53·1–100·4)	14·3 (10·9–18·7)	3·7 (3·0–5·0)	1·0 (0·8–1·3)	0·7 (0·5–0·9)
H influenzae type B meningitis	1·2 (1·0–1·4)	179·0 (115·7–259·8)	101·1 (74·0–134·9)	19·9 (15·7–25·4)	4·4 (3·6–5·9)	1·0 (0·7–1·3)	0·5 (0·3–0·6)
Meningococcal infection	1·1 (0·9–1·2)	93·0 (51·5–155·7)	52·7 (35·3–74·1)	9·3 (6·7–12·7)	2·9 (2·4–3·9)	0·7 (0·5–0·8)	0·4 (0·3–0·5)
Other meningitis	2·1 (1·7–2·4)	267·3 (176·9–380·9)	146·9 (110·5–188·8)	31·3 (25·0–39·1)	2·3 (1·9–3·0)	0·4 (0·3–0·5)	0·4 (0·3–0·5)
Encephalitis	1·7 (1·4–2·0)	131·4 (89·7–202·8)	81·4 (54·8–120·2)	14·5 (10·7–19·6)	2·8 (2·0–3·9)	1·2 (0·8–1·8)	0·8 (0·5–1·3)
Diphtheria	<0·05 (0·0–24·9)	–	–	0·6 (0·0–4·7)	0·3 (0·0–2·7)	0·1 (0·0–0·5)	<0·05 (0·0–0·8)
Whooping cough	1·2 (0·0–5·8)	–	–	54·4 (0·2–264·4)	2·6 (0·0–13·2)	0·1 (0·0–0·6)	<0·05 (0·0–1·0)
Tetanus	0·9 (0·5–1·7)	739·9 (337·9–1,348·4)	280·7 (145·8–474·1)	5·3 (2·7–9·6)	0·2 (0·0–0·7)	0·1 (0·0–0·6)	0·1 (0·0–0·4)
Measles	1·8 (0·6–4·3)	–	–	26·5 (9·0–62·3)	14·6 (4·7–34·9)	2·0 (0·7–4·5)	0·6 (0·2–1·3)
Varicella	0·1 (0·0–0·7)	3·8 (0·0–24·4)	2·3 (0·0–15·3)	1·1 (0·0–7·7)	0·3 (0·0–1·9)	0·1 (0·0–0·4)	<0·05 (0·0–0·9)
Neglected tropical diseases and malaria	19·2 (15·3–24·3)	15·5 (9·4–29·1)	351·5 (202·7–576·5)	205·2 (133·6–311·1)	84·7 (57·3–123·5)	7·7 (6·1–9·5)	4·5 (3·5–5·6)
Malaria	17·0 (13·3–22·2)	–	341·4 (193·1–567·0)	198·6 (126·8–305·4)	80·5 (52·7–119·3)	5·7 (4·1–7·4)	3·1 (2·2–4·2)
Chagas disease	0·1 (0·1–0·4)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Leishmaniasis	0·7 (0·5–1·1)	–	3·5 (1·9–6·1)	3·3 (1·9–5·7)	2·0 (1·2–3·3)	0·8 (0·5–1·3)	0·7 (0·4–1·0)
African trypanosomiasis	0·1 (0·0–0·4)	–	–	–	0·2 (0·0–0·5)	0·1 (0·0–0·4)	0·1 (0·0–0·4)
Schistosomiasis	0·2 (0·0–1·0)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·3)	<0·05 (0·0–0·05)	<0·05 (0·0–0·3)
Cysticercosis	<0·05 (0·0–4·3)	<0·05 (0·0–0·0)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)

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Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
Echinococcosis	<0·05 (0·0–4·7)	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Dengue	0·2 (0·1–0·4)	–	–	1·0 (0·4–2·1)	0·5 (0·2–1·2)	0·2 (0·1–0·4)	0·1 (0·0–0·2)
Rabies	0·4 (0·2–0·7)	–	–	0·6 (0·3–1·3)	0·7 (0·3–1·7)	0·6 (0·3–1·2)	0·3 (0·2–0·6)
Intestinal nematode infections	<0·05 (0·0–13·0)	–	–	0·2 (0·0–1·1)	0·3 (0·0–1·5)	0·1 (0·0–0·2)	<0·05 (0·0–0·4)
Ascariasis	<0·05 (0·0–13·0)	–	–	0·2 (0·0–1·1)	0·3 (0·0–1·5)	0·1 (0·0–0·2)	<0·05 (0·0–0·4)
Other neglected tropical diseases	0·3 (0·2–0·4)	15·4 (9·4–29·1)	6·5 (4·2–10·8)	1·4 (0·9–2·3)	0·4 (0·2–0·7)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Maternal disorders	3·7 (3·0–4·4)	–	–	–	–	–	–
Maternal hemorrhage	0·8 (0·7–1·0)	–	–	–	–	–	–
Maternal sepsis	0·3 (0·3–0·4)	–	–	–	–	–	–
Hypertensive disorders of pregnancy	0·7 (0·5–0·8)	–	–	–	–	–	–
Obstructed labor	0·2 (0·1–0·2)	–	–	–	–	–	–
Abortion	0·5 (0·4–0·7)	–	–	–	–	–	–
Other maternal disorders	1·2 (0·9–1·3)	–	–	–	–	–	–
Neonatal disorders	32·5 (29·2–35·9)	68.280·1 (60,921·0–75,547·	4.489·7 (3,851·8–5,196·0)	107·5 (86·8–132·7)	1·3 (1·0–1·9)	–	–
Preterm birth complications	12·5 (10·6–14·4)	27,329·3 (22,898·8–31,910·	1,431·4 (1,152·9–1,762·2)	38·1 (28·9–52·1)	0·2 (0·2–0·3)	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	7·4 (5·8–9·0)	16.826·9 (13,097·5–20,686·	734·5 (545·5–966·4)	16·2 (11·2–22·1)	0·5 (0·3–0·9)	–	–
Sepsis and other infectious disorders of the newborn baby	7·5 (4·6–12·2)	14,627·3 (9,000·4–23,402·7)	1,378·5 (836·8–2,251·0)	25·8 (13·6–48·2)	0·2 (0·1–0·4)	–	–
Other neonatal disorders	5·1 (4·3–6·2)	9.496·6 (7,552·2–12,144·7)	945·4 (736·9–1,206·9)	27·4 (20·4–37·0)	0·4 (0·2–0·6)	–	–
Nutritional deficiencies	9·9 (7·9–11·5)	–	–	113·1 (86·6–146·7)	28·1 (21·7–35·9)	2·2 (1·6–2·8)	1·3 (1·0–1·8)
Protein-energy malnutrition	8·7 (6·7–10·2)	–	–	108·7 (83·7–142·1)	26·4 (20·2–34·7)	1·9 (1·4–2·6)	1·1 (0·8–1·6)
Iodine deficiency	<0·05 (2·4–3·8)	–	–	0·1 (0·1–0·2)	<0·05 (0·1–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Iron-deficiency anemia	1·0 (0·7–1·1)	–	–	3·9 (2·9–5·1)	1·5 (1·1–2·1)	0·2 (0·2–0·3)	0·2 (0·2–0·3)
Other nutritional deficiencies	0·2 (0·1–0·2)	–	–	0·4 (0·3–0·5)	0·1 (0·0–0·1)	<0·05 (0·1–0·05)	<0·05 (0·0–0·05)

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Other communicable, maternal, neonatal, and nutritional disorders	10·5 (9·1–12·1)	2,481·5 (1,628·0–3,679·5)	349·2 (254·4–464·7)	79·9 (61·3–103·6)	10·7 (8·3–13·9)	2·7 (2·1–3·7)	1·7 (1·3–2·5)
Sexually transmitted diseases excluding HIV	1·7 (1·0–2·7)	1,908·9 (1,094·2–3,123·1)	155·1 (88·9–256·0)	31·1 (17·8–50·4)	1·6 (0·9–2·6)	0·3 (0·2–0·5)	<0·05 (0·1–0·3)
Syphilis	1·6 (1·0–2·6)	1,908·9 (1,098·8–3,099·7)	155·1 (89·1–252·5)	31·1 (17·7–50·8)	1·6 (0·9–2·6)	0·3 (0·2–0·5)	<0·05 (0·1–0·05)
Sexually transmitted chlamydial diseases	<0·05 (0·8–0·05)	–	–	–	–	–	<0·05 (0·0–0·05)
Gonococcal infection	<0·05 (0·6–0·05)	–	–	–	–	–	<0·05 (0·0–0·05)
Other sexually transmitted diseases	<0·05 (2·0–4·5)	–	–	–	–	–	<0·05 (0·0–0·05)
Hepatitis	4·5 (3·9–5·2)	–	–	13·5 (8·2–24·6)	3·0 (1·8–5·4)	1·1 (0·7–1·8)	1·0 (0·6–1·7)
Acute hepatitis A	1·5 (0·7–3·3)	–	–	9·0 (3·6–19·7)	1·1 (0·3–2·7)	0·2 (0·1–0·3)	0·2 (0·1–0·4)
Acute hepatitis B	1·9 (1·3–2·5)	–	–	4·5 (2·3–8·2)	0·3 (0·1–0·6)	0·1 (0·0–0·2)	0·1 (0·0–0·1)
Acute hepatitis C	0·2 (0·2–0·3)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Acute hepatitis E	0·8 (0·3–1·6)	–	–	–	1·6 (0·5–4·2)	0·8 (0·3–1·9)	0·7 (0·3–1·7)
Other infectious diseases	4·3 (3·0–5·3)	572·5 (346·7–805·8)	194·2 (127·5–263·5)	35·3 (24·7–48·0)	6·1 (4·6–8·1)	1·3 (0·9–1·9)	0·7 (0·5–1·0)
Non-communicable diseases	501·3 (481·3–512·5)	6,086·4 (4,974·3–7,326·9)	934·2 (789·2–1,089·0)	232·3 (200·0–259·0)	51·9 (44·9–60·8)	15·6 (13·8–17·5)	15·2 (13·7–16·6)
Neoplasms	115·8 (106·5–122·0)	47·2 (32·9–65·7)	12·6 (8·5–19·2)	8·3 (6·2–11·1)	4·1 (3·0–5·2)	3·6 (2·9–4·2)	3·5 (2·9–4·1)
Esophageal cancer	5·7 (4·3–7·0)	–	–	–	–	–	–
Stomach cancer	11·0 (8·3–14·4)	–	–	–	–	–	–
Liver cancer	10·9 (9·3–12·8)	–	–	–	–	0·1 (0·1–0·2)	0·2 (0·1–0·2)
Liver cancer secondary to hepatitis B	5·0 (4·2–5·8)	–	–	–	–	<0·05 (0·1–0·3)	0·1 (0·0–0·1)
Liver cancer secondary to hepatitis C	2·8 (2·4–3·2)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Liver cancer secondary to alcohol use	2·2 (1·8–2·5)	–	–	–	–	–	–
Other liver cancer	1·0 (0·8–1·1)	–	–	–	–	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Larynx cancer	1·4 (0·8–2·3)	–	–	–	–	–	–
Trachea, bronchus and lung cancers	22·2 (16·3–25·8)	–	–	–	–	–	–

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Breast cancer	6·4 (6·1–6·7)	–	–	–	–	–	–
Cervical cancer	3·3 (2·1–4·5)	–	–	–	–	–	–
Uterine cancer	0·9 (0·4–1·3)	–	–	–	–	–	–
Prostate cancer	3·7 (2·0–5·9)	–	–	–	–	–	–
Colon and rectum cancers	10·4 (9·1–11·9)	–	–	–	–	–	–
Mouth cancer	1·8 (1·5–2·0)	–	–	–	–	–	–
Nasopharynx cancer	0·9 (0·6–1·2)	–	–	–	–	<0·05 (0·1–0·05)	0·1 (0·0–0·1)
Cancer of other part of pharynx and oropharynx	1·5 (0·9–1·9)	–	–	–	–	–	–
Gallbladder and biliary tract cancer	2·2 (1·5–3·0)	–	–	–	–	–	–
Pancreatic cancer	4·5 (3·4–5·7)	–	–	–	–	–	–
Malignant melanoma of skin	0·7 (0·4–1·0)	–	–	–	–	–	–
Non-melanoma skin cancer	0·4 (0·3–0·7)	–	–	–	–	–	–
Ovarian cancer	2·3 (1·7–2·9)	–	–	–	–	–	–
Testicular cancer	0·1 (0·1–0·1)	–	–	–	–	–	–
Kidney and other urinary organ cancers	2·4 (1·8–3·2)	–	–	0·3 (0·2–0·5)	0·3 (0·2–0·4)	0·1 (0·1–0·2)	0·1 (0·0–0·1)
Bladder cancer	2·5 (1·9–2·9)	–	–	–	–	–	–
Brain and nervous system cancers	2·8 (1·7–3·5)	–	–	–	0·5 (0·2–1·2)	0·6 (0·3–0·8)	0·5 (0·3–0·6)
Thyroid cancer	0·5 (0·4–0·6)	–	–	–	–	–	<0·05 (0·1–0·4)
Hodgkin's disease	0·3 (0·2–0·4)	2·4 (1·3–4·0)	0·4 (0·1–0·8)	0·1 (0·0–0·1)	<0·05 (0·1–0·5)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Non-Hodgkin's lymphoma	3·0 (2·4–3·3)	–	–	0·5 (0·3–0·6)	0·6 (0·4–0·8)	0·6 (0·3–0·9)	0·5 (0·3–0·7)
Multiple myeloma	1·1 (0·7–1·5)	–	–	–	–	–	–
Leukemia	4·1 (3·2–4·8)	–	–	2·9 (2·1–3·9)	1·5 (1·1–1·9)	1·3 (1·0–1·6)	1·4 (1·1–1·7)
Other neoplasms	8·8 (6·4–10·7)	44·8 (30·9–63·2)	12·2 (8·2–18·9)	4·6 (2·8–7·1)	1·0 (0·6–1·6)	0·8 (0·5–1·1)	0·8 (0·5–1·2)

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Cardiovascular and circulatory diseases	226·6 (211·1–236·8)	355·7 (282·6–431·2)	82·7 (65·5–101·5)	27·9 (22·9–32·8)	5·8 (4·8–7·0)	1·9 (1·6–2·3)	2·4 (2·0–2·9)
Rheumatic heart disease	5·0 (4·4–5·4)	–	–	–	0·4 (0·3–0·5)	0·2 (0·2–0·2)	0·4 (0·3–0·5)
Ischemic heart disease	102·0 (95·5–107·9)	–	–	5·5 (3·1–7·8)	1·2 (0·8–1·6)	0·5 (0·3–0·7)	0·6 (0·4–0·8)
Cerebrovascular disease	85·3 (77·0–91·1)	139·9 (95·8–187·0)	32·1 (21·2–46·0)	7·7 (4·5–11·4)	1·6 (1·1–2·1)	0·6 (0·4–0·8)	0·7 (0·5–0·9)
Ischemic stroke	41·2 (38·6–47·4)	–	–	1·7 (1·0–2·4)	0·4 (0·2–0·5)	0·1 (0·1–0·1)	0·1 (0·1–0·1)
Hemorrhagic and other non-ischemic stroke	44·1 (38·4–50·8)	139·9 (101·2–200·2)	32·1 (22·3–49·2)	6·0 (3·5–9·0)	1·2 (0·7–1·7)	0·5 (0·3–0·7)	0·6 (0·4–0·9)
Hypertensive heart disease	12·7 (10·4–15·6)	–	–	1·0 (0·7–1·4)	0·3 (0·2–0·4)	0·1 (0·1–0·1)	0·1 (0·1–0·1)
Cardiomyopathy and myocarditis	5·9 (5·2–6·5)	110·3 (64·9–171·5)	30·2 (18·5–49·2)	5·7 (3·4–8·5)	1·2 (0·5–2·1)	0·3 (0·2–0·4)	0·3 (0·2–0·4)
Atrial fibrillation and flutter	1·7 (1·3–2·1)	–	–	–	–	–	–
Aortic aneurysm	2·8 (2·0–3·6)	–	–	–	–	–	–
Peripheral vascular disease	0·7 (0·5–1·1)	–	–	–	–	–	–
Endocarditis	0·7 (0·6–0·8)	15·4 (10·8–21·6)	4·2 (3·1–5·3)	1·6 (1·2–2·1)	0·3 (0·2–0·4)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other cardiovascular and circulatory diseases	10·0 (9·6–10·2)	90·1 (67·6–118·1)	16·2 (12·3–20·9)	6·2 (4·4–8·2)	0·9 (0·5–1·3)	0·2 (0·2–0·3)	0·3 (0·2–0·3)
Chronic respiratory diseases	54·8 (52·9–57·1)	179·2 (135·1–255·0)	57·8 (43·6–82·0)	28·0 (22·1–36·6)	5·7 (4·9–6·7)	0·9 (0·7–1·1)	0·9 (0·7–1·1)
Chronic obstructive pulmonary disease	42·1 (38·7–47·1)	–	–	12·4 (7·8–19·0)	1·6 (1·2–2·1)	0·2 (0·2–0·4)	0·3 (0·2–0·4)
Pneumoconiosis	1·8 (1·1–2·9)	–	–	–	0·1 (0·0–0·3)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)
Asthma	5·0 (4·1–7·7)	–	–	–	1·9 (0·9–3·7)	0·3 (0·2–0·6)	0·4 (0·2–0·7)
Other interstitial lung disease	1·7 (1·1–2·2)	–	–	–	0·2 (0·1–0·3)	<0·05 (0·1–0·3)	<0·05 (0·1–0·05)
Other chronic respiratory diseases	4·2 (3·3–5·2)	179·2 (112·5–269·7)	57·8 (36·3–89·5)	15·7 (9·1–24·1)	1·9 (1·0–2·9)	0·2 (0·1–0·4)	0·2 (0·1–0·3)
Cirrhosis of the liver	15·0 (12·6–16·8)	–	–	–	2·4 (1·6–3·5)	0·4 (0·3–0·6)	0·5 (0·4–0·8)
Cirrhosis of the liver secondary to hepatitis B	4·5 (3·9–5·5)	–	–	–	0·1 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·1–0·2)
Cirrhosis of the liver secondary to hepatitis C	4·2 (3·6–4·8)	–	–	–	0·1 (0·0–0·1)	<0·05 (0·2–0·3)	0·1 (0·0–0·1)
Cirrhosis of the liver secondary to alcohol use	4·1 (3·3–4·9)	–	–	–	–	–	–

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Other cirrhosis of the liver	2·2 (1·8–2·5)	–	–	–	2·2 (1·6–3·2)	0·3 (0·2–0·5)	0·3 (0·2–0·5)
Digestive diseases (except cirrhosis)	16·1 (14·5–17·6)	–	–	–	6·5 (5·3–8·1)	0·9 (0·8–1·1)	0·9 (0·7–1·2)
Peptic ulcer disease	3·6 (3·1–4·1)	–	–	–	0·6 (0·3–1·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)
Gastritis and duodenitis	0·2 (0·2–0·3)	–	–	–	0·1 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Appendicitis	0·5 (0·3–0·7)	–	–	–	1·0 (0·4–1·9)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Paralytic ileus and intestinal obstruction without hernia	2·1 (1·6–2·8)	–	–	–	1·4 (0·7–2·6)	0·2 (0·1–0·3)	0·2 (0·1–0·3)
Inguinal or femoral hernia	0·2 (0·2–0·3)	–	–	–	0·1 (0·1–0·1)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)
Noninfective inflammatory bowel disease	0·5 (0·3–0·6)	–	–	–	0·9 (0·2–1·5)	0·1 (0·0–0·1)	<0·05 (0·1–0·4)
Vascular disorders of intestine	1·1 (0·6–2·2)	–	–	–	<0·05 (0·1–0·5)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Gall bladder and bile duct disease	1·3 (1·0–1·5)	–	–	–	0·3 (0·2–0·6)	0·1 (0·0–0·1)	<0·05 (0·2–0·4)
Pancreatitis	1·1 (0·8–1·4)	–	–	–	0·1 (0·0–0·3)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)
Other digestive diseases	5·5 (4·4–7·3)	–	–	–	2·0 (1·2–3·2)	0·2 (0·2–0·4)	0·3 (0·2–0·4)
Neurological disorders	18·5 (14·2–21·3)	–	–	18·2 (12·1–26·5)	7·0 (4·0–12·9)	2·5 (1·8–3·6)	2·5 (1·8–3·4)
Alzheimer's disease and other dementias	7·0 (4·5–8·6)	–	–	–	–	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Parkinson's disease	1·6 (1·2–2·0)	–	–	–	–	–	–
Epilepsy	2·6 (1·7–3·2)	–	–	6·1 (3·1–10·9)	3·9 (1·6–9·2)	1·0 (0·6–1·6)	0·9 (0·6–1·1)
Multiple sclerosis	0·3 (0·2–0·3)	–	–	–	–	–	–
Other neurological disorders	7·0 (4·6–10·0)	–	–	12·1 (7·6–19·2)	3·1 (1·8–5·0)	1·4 (0·8–2·2)	1·5 (0·9–2·4)
Mental and behavioral disorders	3·4 (2·6–4·8)	12·5 (7·3–22·5)	4·6 (2·6–8·1)	1·4 (0·8–2·8)	0·6 (0·3–0·9)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Schizophrenia	0·3 (0·2–0·4)	–	–	–	–	–	–
Alcohol use disorders	1·6 (0·9–2·7)	–	–	–	–	–	–
Drug use disorders	1·1 (0·7–1·8)	12·5 (7·3–22·5)	4·6 (2·6–8·1)	1·4 (0·8–2·8)	0·5 (0·3–0·8)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Opioid use disorders	0·6 (0·4–1·0)	6·3 (3·7–11·2)	2·4 (1·3–4·2)	0·7 (0·4–1·4)	0·2 (0·1–0·4)	<0·05 (0·2–0·5)	<0·05 (0·2–0·5)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
Cocaine use disorders	<0·05 (0·2–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Amphetamine use disorders	<0·05 (0·1–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·5 (0·3–0·8)	6·0 (3·5–10·8)	2·2 (1·2–3·8)	0·7 (0·4–1·3)	0·2 (0·1–0·4)	<0·05 (0·2–0·5)	<0·05 (0·2–0·5)
Eating disorders	0·1 (0·1–0·1)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other mental and behavioral disorders	0·2 (0·1–0·3)	–	–	–	0·1 (0·0–0·1)	<0·05 (0·1–0·05)	<0·05 (0·0–0·05)
Diabetes, urogenital, blood, and endocrine diseases	39·6 (35·5–43·5)	253·0 (174·8–369·8)	70·6 (47·6–101·8)	33·4 (26·0–44·2)	9·2 (6·0–13·7)	2·9 (2·1–4·2)	2·6 (2·0–3·3)
Diabetes mellitus	18·6 (15·5–19·6)	27·0 (20·6–35·5)	6·0 (4·4–8·0)	3·1 (2·1–4·5)	0·7 (0·5–0·9)	0·2 (0·2–0·3)	0·3 (0·2–0·4)
Acute glomerulonephritis	1·2 (0·6–2·8)	–	–	4·0 (1·8–8·9)	1·5 (0·5–3·7)	0·6 (0·2–1·6)	0·4 (0·2–0·9)
Chronic kidney diseases	10·7 (8·9–11·8)	–	–	5·9 (3·9–8·3)	1·5 (1·1–2·0)	0·5 (0·4–0·7)	0·6 (0·4–0·8)
Chronic kidney disease due to diabetes mellitus	2·6 (2·1–2·9)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Chronic kidney disease due to hypertension	2·5 (2·1–2·8)	–	–	0·7 (0·5–1·0)	0·2 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·1)
Chronic kidney disease unspecified	5·5 (4·6–6·1)	–	–	5·2 (3·5–7·3)	1·3 (0·9–1·7)	0·5 (0·3–0·6)	0·5 (0·4–0·7)
Urinary diseases and male infertility	3·9 (3·0–5·0)	24·3 (14·3–38·7)	9·2 (5·9–14·6)	3·5 (2·0–5·6)	0·6 (0·4–1·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	2·4 (1·6–2·9)	9·9 (5·7–14·1)	3·9 (2·4–5·6)	1·6 (0·9–2·5)	0·3 (0·2–0·4)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Urolithiasis	0·3 (0·2–0·4)	–	–	–	–	<0·05 (0·1–0·05)	<0·05 (0·0–0·05)
Other urinary diseases	1·2 (0·9–1·7)	14·4 (6·4–26·9)	5·3 (2·7–9·6)	1·8 (0·8–3·6)	0·3 (0·1–0·7)	<0·05 (0·2–0·5)	<0·05 (0·2–0·4)
Gynecological diseases	0·1 (0·1–0·1)	–	–	–	–	–	–
Uterine fibroids	<0·05 (0·6–0·05)	–	–	–	–	–	–
Endometriosis	<0·05 (0·0–0·05)	–	–	–	–	–	–
Genital prolapse	<0·05 (0·3–0·05)	–	–	–	–	–	–
Other gynecological diseases	0·1 (0·1–0·1)	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	1·7 (1·3–2·2)	92·1 (55·2–140·2)	21·4 (13·1–30·7)	6·8 (4·2–9·9)	2·9 (1·3–5·2)	0·8 (0·5–1·2)	0·7 (0·5–1·0)
Thalassemias	0·3 (0·2–0·3)	1·4 (0·9–2·0)	0·9 (0·7–1·3)	0·6 (0·4–0·8)	0·4 (0·3–0·5)	0·2 (0·1–0·3)	0·2 (0·2–0·3)

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Sickle cell disorders	0·4 (0·2–0·6)	7·2 (5·3–10·0)	5·3 (3·2–7·9)	3·2 (1·7–4·9)	1·6 (0·7–2·6)	0·5 (0·2–0·7)	0·3 (0·2–0·5)
G6PD deficiency	0·1 (0·1–0·1)	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·0–0·1)	<0·05 (0·2–0·3)	<0·05 (0·1–0·05)
Other hemoglobinopathies and hemolytic anemias	0·9 (0·6–1·3)	83·3 (53·1–127·6)	15·0 (8·1–23·8)	3·0 (1·6–5·1)	0·9 (0·2–2·4)	0·1 (0·0–0·3)	0·1 (0·1–0·3)
Other endocrine, nutritional, blood, and immune disorders	3·4 (2·2–6·1)	109·6 (56·2–224·5)	34·0 (16·6–65·5)	10·2 (6·0–19·9)	2·0 (0·9–3·7)	0·6 (0·3–1·0)	0·5 (0·2–0·8)
Musculoskeletal disorders	2·2 (1·6–3·1)	–	–	–	–	0·1 (0·1–0·2)	0·2 (0·1–0·3)
Rheumatoid arthritis	0·7 (0·6–1·0)	–	–	–	–	<0·05 (0·2–0·4)	<0·05 (0·2–0·4)
Other musculoskeletal disorders	1·5 (1·2–2·1)	–	–	–	–	0·1 (0·1–0·1)	0·2 (0·1–0·2)
Other non-communicable diseases	9·3 (7·6–10·5)	5,238·9 (4,158·8–6,493·0)	706·0 (573·9–859·2)	115·0 (90·3–135·9)	10·7 (8·6–13·4)	2·1 (1·7–2·7)	1·6 (1·2–2·2)
Congenital anomalies	7·4 (5·9–8·7)	5,238·9 (4,158·8–6,493·0)	624·3 (511·4–780·8)	96·7 (72·2–116·5)	9·8 (7·8–12·5)	2·0 (1·6–2·6)	1·5 (1·1–2·0)
Neural tube defects	1·0 (0·6–1·5)	1,401·2 (768·6–2,242·1)	98·1 (51·6–156·7)	9·3 (5·2–15·6)	1·0 (0·5–1·9)	0·2 (0·1–0·4)	0·2 (0·1–0·5)
Congenital heart anomalies	3·2 (2·9–3·6)	1,777·7 (1,516·5–2,106·6)	276·9 (233·0–343·4)	41·6 (32·7–53·2)	4·5 (3·5–6·1)	0·9 (0·7–1·2)	0·7 (0·5–1·0)
Cleft lip and cleft palate	0·1 (0·0–0·1)	49·0 (27·1–78·3)	8·7 (4·8–14·2)	1·1 (0·6–1·8)	0·1 (0·0–0·2)	–	–
Down's syndrome	0·3 (0·2–0·4)	85·2 (47·1–150·9)	15·3 (8·1–26·7)	3·0 (1·6–5·0)	0·5 (0·2–0·9)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other chromosomal abnormalities	0·3 (0·1–0·5)	253·6 (126·6–504·2)	38·9 (19·8–73·8)	4·1 (2·0–8·1)	0·2 (0·1–0·5)	0·1 (0·0–0·1)	<0·05 (0·1–0·6)
Other congenital anomalies	2·6 (1·7–3·2)	1,672·3 (1,001·9–2,408·3)	186·3 (107·6–272·5)	37·7 (21·4–56·2)	3·5 (1·8–5·7)	0·7 (0·4–1·0)	0·4 (0·3–0·7)
Skin and subcutaneous diseases	1·6 (1·2–1·8)	–	–	5·2 (3·7–6·9)	0·9 (0·5–1·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Cellulitis	0·4 (0·3–0·4)	–	–	1·1 (0·8–1·4)	0·3 (0·2–0·4)	0·1 (0·0–0·1)	<0·05 (0·2–0·4)
Abscess, impetigo, and other bacterial skin diseases	0·6 (0·5–0·7)	–	–	4·2 (3·0–5·5)	0·6 (0·3–0·8)	0·1 (0·1–0·1)	0·1 (0·0–0·1)
Decubitus ulcer	0·6 (0·5–0·7)	–	–	–	<0·05 (0·1–0·05)	<0·05 (0·0–0·05)	<0·05 (0·1–0·05)
Other skin and subcutaneous diseases	<0·05 (0·1–0·05)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	0·3 (0·2–0·5)	–	81·7 (32·7–190·7)	13·0 (8·3–21·4)	–	–	–
Injuries	73·6 (66·1–80·5)	553·3 (478·5–654·0)	175·9 (150·0–209·3)	83·2 (72·9–94·8)	52·2 (46·6–59·0)	16·8 (15·0–19·4)	18·7 (16·0–24·2)
Transport injuries	20·3 (16·0–26·9)	39·9 (25·9–56·3)	13·0 (9·1–18·0)	9·6 (6·9–13·5)	11·9 (9·3–16·8)	5·4 (4·3–7·2)	4·8 (3·9–6·2)

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Road injury	19·3 (15·3–25·4)	33·8 (23·4–50·7)	10·4 (7·5–14·7)	8·9 (6·2–13·0)	11·2 (8·7–15·1)	5·1 (4·0–6·7)	4·5 (3·6–5·8)
Pedestrian injury by road vehicle	6·7 (4·9–9·0)	10·0 (5·5–18·9)	2·2 (1·1–3·7)	2·5 (1·3–4·7)	5·7 (3·2–9·3)	2·2 (1·6–3·2)	1·6 (1·2–2·4)
Pedal cycle vehicle	1·2 (0·9–1·5)	–	–	–	0·4 (0·2–0·6)	0·4 (0·3–0·5)	0·5 (0·3–0·7)
Motorized vehicle with two wheels	3·0 (2·3–3·4)	2·5 (1·7–4·1)	0·8 (0·5–1·4)	0·6 (0·4–1·0)	0·7 (0·5–0·9)	0·4 (0·3–0·6)	0·5 (0·4–0·7)
Motorized vehicle with three or more wheels	6·9 (5·5–8·4)	18·4 (11·3–32·2)	5·5 (3·3–9·3)	4·6 (2·8–7·9)	3·5 (2·1–5·2)	1·6 (1·2–2·1)	1·5 (1·1–1·9)
Road injury other	1·5 (0·7–2·9)	2·8 (0·8–9·6)	1·9 (0·8–4·3)	1·2 (0·5–2·7)	0·9 (0·3–2·0)	0·5 (0·2–0·9)	0·5 (0·2–1·0)
Other transport injury	1·0 (0·8–1·2)	6·2 (4·2–10·3)	2·6 (1·8–4·6)	0·6 (0·4–0·9)	0·7 (0·3–1·1)	0·3 (0·2–0·4)	0·3 (0·2–0·4)
Unintentional injuries other than transport injuries	30·8 (27·1–33·1)	359·9 (295·1–462·3)	125·1 (102·4–160·1)	64·4 (54·0–75·2)	36·9 (32·2–42·1)	10·3 (9·0–12·0)	8·4 (7·4–9·6)
Falls	7·8 (6·0–8·9)	37·7 (23·9–54·2)	10·4 (7·1–15·3)	7·8 (5·4–11·2)	4·4 (3·3–6·0)	1·3 (0·9–2·0)	1·1 (0·7–1·7)
Drowning	5·1 (4·4–6·4)	23·3 (15·9–36·4)	3·6 (2·7–5·0)	5·0 (3·7–7·0)	12·6 (9·7–17·1)	3·7 (3·0–5·0)	3·0 (2·5–4·0)
Fire, heat and hot substances	4·9 (3·4–6·3)	28·1 (19·8–38·8)	15·2 (11·3–22·1)	11·0 (7·6–15·8)	9·4 (6·6–12·1)	2·0 (1·3–3·2)	1·1 (0·7–1·9)
Poisonings	2·6 (1·9–3·5)	22·2 (15·9–34·7)	9·8 (6·7–16·0)	3·2 (2·3–4·6)	2·3 (1·7–3·4)	0·5 (0·4–0·8)	0·5 (0·4–0·8)
Exposure to mechanical forces	3·1 (2·2–3·7)	14·7 (10·5–22·0)	4·5 (3·1–6·5)	2·4 (1·5–3·3)	2·4 (1·6–3·7)	1·0 (0·7–1·5)	0·9 (0·6–1·4)
Mechanical forces (firearm)	1·2 (0·8–1·8)	8·7 (4·4–16·4)	1·1 (0·5–1·9)	0·9 (0·5–1·9)	0·8 (0·3–1·5)	0·4 (0·2–0·8)	0·5 (0·3–0·9)
Mechanical forces (other)	2·0 (1·2–2·3)	6·0 (4·1–10·4)	3·3 (1·9–4·8)	1·4 (0·6–2·2)	1·6 (0·7–2·6)	0·6 (0·3–0·9)	0·4 (0·2–0·8)
Adverse effects of medical treatment	1·2 (0·9–1·4)	44·8 (31·6–63·2)	13·1 (9·3–18·1)	4·0 (2·8–5·3)	0·8 (0·4–1·2)	0·2 (0·1–0·2)	0·2 (0·1–0·2)
Animal contact	0·9 (0·6–1·3)	40·8 (17·5–101·7)	11·4 (5·8–21·0)	3·5 (1·5–6·8)	1·4 (0·7–2·3)	0·7 (0·4–1·2)	0·5 (0·3–0·9)
Animal contact (venomous)	0·7 (0·4–1·2)	20·9 (7·0–57·4)	9·0 (4·0–17·1)	2·6 (1·0–5·2)	1·0 (0·5–2·2)	0·6 (0·3–1·2)	0·4 (0·2–0·9)
Animal contact (non-venomous)	0·3 (0·1–0·4)	19·9 (8·1–51·8)	2·3 (0·8–5·1)	1·0 (0·4–1·9)	0·4 (0·1–0·7)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Unintentional injuries not classified elsewhere	5·1 (4·4–5·6)	148·2 (105·8–235·8)	57·2 (40·1–89·3)	27·5 (21·2–36·3)	3·5 (2·8–4·7)	1·0 (0·8–1·4)	1·0 (0·8–1·4)
Self-harm and interpersonal violence	19·4 (16·1–23·5)	94·1 (63·8–128·8)	11·0 (6·4–17·2)	3·8 (2·7–5·0)	2·0 (1·4–2·7)	0·8 (0·6–1·0)	2·6 (1·9–3·7)
Self-harm	12·8 (9·5–16·0)	–	–	–	–	0·2 (0·1–0·2)	1·7 (1·0–2·7)
Interpersonal violence	6·6 (5·2–8·9)	94·1 (63·8–128·8)	11·0 (6·4–17·2)	3·8 (2·7–5·0)	2·0 (1·4–2·7)	0·6 (0·5–0·8)	1·0 (0·7–1·2)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
Assault by firearm	2·8 (2·2–3·4)	13·2 (7·3–21·0)	3·8 (0·8–13·9)	0·8 (0·5–1·3)	0·5 (0·2–0·7)	0·2 (0·1–0·3)	0·4 (0·3–0·6)
Assault by sharp object	1·8 (1·2–2·7)	10·1 (6·0–17·8)	0·7 (0·4–1·3)	0·5 (0·3–0·8)	0·3 (0·1–0·5)	0·1 (0·1–0·1)	0·2 (0·1–0·2)
Assault by other means	1·9 (1·6–2·3)	70·9 (48·6–113·6)	6·6 (3·6–11·7)	2·5 (1·9–3·6)	1·3 (0·7–2·0)	0·3 (0·3–0·5)	0·4 (0·3–0·5)
Forces of nature, war, and legal intervention	3·1 (1·7–6·3)	59·4 (41·5–84·6)	26·7 (19·9–35·9)	5·4 (4·2–7·2)	1·4 (1·0–1·9)	0·4 (0·3–0·5)	2·9 (1·1–8·4)
Exposure to forces of nature	2·8 (1·6–5·8)	56·8 (38·1–80·9)	23·7 (17·1–32·7)	4·7 (3·6–6·5)	1·2 (0·9–1·8)	0·3 (0·2–0·5)	2·7 (1·0–8·2)
Collective violence and legal intervention	0·3 (0·2–0·4)	2·6 (0·5–5·6)	3·0 (2·4–4·3)	0·7 (0·6–0·8)	0·1 (0·1–0·2)	<0·05 (0·2–0·05)	0·1 (0·1–0·2)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
All causes	117·5 (109·9–126·1)	174·7 (163·6–184·8)	214·5 (202·9–226·3)	248·2 (234·8–261·9)	291·3 (271·2–310·2)	354·3 (331·7–375·8)	491·8 (461·3–521·0)
Communicable, maternal, neonatal, and nutritional disorders	36·0 (31·9–40·0)	59·4 (54·6–64·1)	88·3 (81·9–94·2)	106·2 (98·4–113·5)	111·7 (102·1–122·3)	103·5 (93·8–114·7)	112·6 (100·0–125·3)
HIV/AIDS and tuberculosis	7·0 (6·1–7·9)	19·1 (16·9–21·2)	44·9 (40·5–48·9)	62·2 (56·6–67·4)	67·9 (60·8–75·1)	60·1 (52·6–68·3)	60·6 (50·6–69·8)
Tuberculosis	3·0 (2·3–3·7)	7·1 (5·4–8·8)	11·6 (8·7–14·4)	14·6 (10·7–18·3)	16·7 (12·1–21·7)	17·6 (13·0–22·8)	22·6 (16·3–29·1)
HIV/AIDS	4·0 (3·4–4·6)	12·0 (10·4–13·4)	33·3 (30·1–36·4)	47·5 (43·6–51·4)	51·2 (46·4–56·0)	42·5 (37·5–47·9)	38·0 (31·6–44·5)
HIV disease resulting in mycobacterial infection	0·7 (0·6–0·9)	2·2 (1·9–2·5)	6·1 (5·5–6·7)	8·5 (7·7–9·3)	9·0 (8·1–9·9)	7·2 (6·2–8·2)	6·2 (5·1–7·5)
HIV disease resulting in other specified or unspecified diseases	3·2 (2·7–3·8)	9·8 (8·4–11·0)	27·2 (24·5–30·0)	39·0 (35·5–42·4)	42·2 (38·1–46·4)	35·3 (30·9–40·1)	31·7 (26·4–37·3)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	13·8 (10·6–16·9)	16·8 (13·6–20·0)	19·1 (15·6–22·6)	20·1 (16·6–23·8)	20·6 (17·1–24·6)	21·3 (17·8–25·3)	28·2 (23·4–33·4)
Diarrheal diseases	3·5 (2·7–4·6)	4·6 (3·6–6·0)	5·9 (4·7–7·6)	6·3 (5·0–8·0)	6·4 (4·9–8·6)	6·2 (4·8–8·4)	8·2 (6·1–11·3)
Cholera	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·2–0·3)	0·2 (0·2–0·3)	0·2 (0·2–0·4)	0·2 (0·2–0·3)	0·3 (0·2–0·4)
Other salmonella infections	0·4 (0·3–0·6)	0·5 (0·4–0·7)	0·6 (0·4–0·9)	0·6 (0·4–0·8)	0·5 (0·4–0·8)	0·5 (0·3–0·7)	0·6 (0·4–0·9)
Shigellosis	0·4 (0·3–0·7)	0·6 (0·4–0·8)	0·7 (0·5–0·9)	0·7 (0·5–0·9)	0·6 (0·4–0·9)	0·6 (0·4–0·8)	0·7 (0·5–1·1)
Enteropathogenic E coli infection	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Enterotoxigenic E coli infection	0·3 (0·2–0·5)	0·4 (0·3–0·6)	0·6 (0·4–0·9)	0·7 (0·5–1·0)	0·8 (0·5–1·1)	0·8 (0·5–1·1)	1·0 (0·7–1·5)
Campylobacter enteritis	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·4 (0·3–0·6)
Amoebiasis	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·3 (0·2–0·4)	0·4 (0·2–0·5)	0·4 (0·2–0·5)	0·5 (0·3–0·8)
Cryptosporidiosis	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·2)
Rotaviral enteritis	0·4 (0·2–0·6)	0·5 (0·3–0·7)	0·6 (0·4–0·8)	0·5 (0·4–0·8)	0·5 (0·3–0·7)	0·5 (0·3–0·7)	0·7 (0·4–1·0)
Other diarrheal diseases	1·3 (0·9–2·1)	1·8 (1·2–2·7)	2·4 (1·6–3·6)	2·7 (1·8–3·8)	2·8 (1·8–4·3)	2·8 (1·9–4·3)	3·8 (2·4–5·6)
Typhoid and paratyphoid fevers	3·1 (0·4–5·9)	3·0 (0·4–5·7)	2·7 (0·3–5·1)	2·4 (0·3–4·4)	2·0 (0·2–3·8)	1·7 (0·2–3·3)	1·6 (0·2–3·0)
Lower respiratory infections	3·9 (3·2–4·7)	5·4 (4·3–6·4)	6·8 (5·3–8·1)	7·7 (6·0–9·3)	8·6 (6·9–10·5)	9·7 (7·5–11·9)	14·0 (11·2–17·1)
Influenza	0·8 (0·6–1·0)	1·1 (0·9–1·4)	1·5 (1·2–1·8)	1·8 (1·4–2·2)	2·1 (1·7–2·5)	2·4 (1·8–2·9)	3·3 (2·7–4·1)
Pneumococcal pneumonia	0·8 (0·7–1·0)	1·3 (1·0–1·5)	1·8 (1·4–2·1)	2·1 (1·7–2·6)	2·6 (2·0–3·1)	3·0 (2·3–3·6)	4·4 (3·5–5·3)
H influenzae type B pneumonia	0·7 (0·6–0·8)	0·9 (0·8–1·1)	1·2 (0·9–1·4)	1·3 (1·0–1·6)	1·4 (1·2–1·8)	1·6 (1·2–2·0)	2·1 (1·7–2·6)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
Respiratory syncytial virus pneumonia	<0·05 (0·2–0·05)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)
Other lower respiratory infections	1·6 (1·2–1·9)	1·9 (1·5–2·3)	2·2 (1·7–2·7)	2·4 (1·8–2·9)	2·4 (1·9–3·0)	2·6 (2·0–3·3)	4·0 (3·2–5·0)
Upper respiratory infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Otitis media	<0·05 (0·0–0·9)	<0·05 (0·0–0·6)	<0·05 (0·0–0·5)	<0·05 (0·0–0·7)	<0·05 (0·0–0·6)	<0·05 (0·0–0·7)	<0·05 (0·0–0·9)
Meningitis	2·2 (1·8–2·6)	2·5 (1·9–3·1)	2·6 (1·9–3·3)	2·6 (1·9–3·3)	2·5 (1·9–3·3)	2·5 (1·8–3·2)	2·9 (2·2–3·8)
Pneumococcal meningitis	0·8 (0·6–1·0)	1·0 (0·7–1·2)	1·0 (0·7–1·3)	1·0 (0·7–1·3)	0·9 (0·7–1·3)	0·9 (0·6–1·2)	1·0 (0·8–1·4)
H influenzae type B meningitis	0·3 (0·3–0·4)	0·2 (0·1–0·3)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·2)
Meningococcal infection	0·5 (0·4–0·6)	0·6 (0·4–0·7)	0·6 (0·4–0·8)	0·6 (0·4–0·7)	0·5 (0·4–0·7)	0·5 (0·4–0·6)	0·6 (0·4–0·7)
Other meningitis	0·5 (0·4–0·6)	0·7 (0·6–1·0)	0·8 (0·6–1·0)	0·9 (0·6–1·1)	0·9 (0·7–1·2)	0·9 (0·7–1·2)	1·1 (0·8–1·5)
Encephalitis	0·7 (0·5–1·0)	0·9 (0·6–1·4)	0·9 (0·6–1·4)	0·9 (0·6–1·5)	0·9 (0·6–1·4)	0·9 (0·6–1·5)	1·1 (0·7–1·7)
Diphtheria	<0·05 (0·0–0·3)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)
Whooping cough	<0·05 (0·0–0·7)	<0·05 (0·0–0·6)	<0·05 (0·0–0·6)	<0·05 (0·0–0·6)	<0·05 (0·0–0·6)	<0·05 (0·0–0·7)	<0·05 (0·0–0·7)
Tetanus	0·1 (0·0–0·4)	0·1 (0·0–0·4)	0·1 (0·0–0·5)	0·1 (0·0–0·6)	0·2 (0·0–0·7)	0·2 (0·0–0·8)	0·3 (0·0–1·1)
Measles	0·3 (0·1–0·6)	0·2 (0·1–0·4)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	<0·05 (0·1–0·4)	<0·05 (0·1–0·3)	<0·05 (0·0–0·2)
Varicella	<0·05 (0·0–0·8)	<0·05 (0·0–0·8)	<0·05 (0·0–1·0)	<0·05 (0·0–1·4)	<0·05 (0·0–1·1)	<0·05 (0·0–0·8)	<0·05 (0·0–0·8)
Neglected tropical diseases and malaria	6·7 (4·9–8·7)	8·5 (6·2–11·8)	8·2 (5·8–12·1)	7·6 (5·1–11·8)	7·0 (4·8–10·4)	7·6 (5·1–11·2)	8·7 (6·0–13·1)
Malaria	5·4 (3·8–7·5)	7·3 (4·9–10·5)	7·0 (4·5–10·8)	6·4 (3·9–10·6)	5·6 (3·3–9·1)	6·1 (3·7–9·5)	6·9 (4·2–11·1)
Chagas disease	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·4)	<0·05 (0·0–0·7)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·2 (0·1–0·6)
Leishmaniasis	0·6 (0·3–0·9)	0·6 (0·3–0·8)	0·5 (0·3–0·8)	0·5 (0·3–0·7)	0·5 (0·3–0·7)	0·5 (0·3–0·8)	0·6 (0·3–0·8)
African trypanosomiasis	0·2 (0·0–0·6)	0·2 (0·0–0·7)	0·2 (0·0–0·6)	0·2 (0·0–0·6)	0·1 (0·0–0·4)	0·1 (0·0–0·4)	0·1 (0·0–0·3)
Schistosomiasis	<0·05 (0·0–0·6)	<0·05 (0·0–0·9)	<0·05 (0·0–1·1)	<0·05 (0·0–1·3)	0·1 (0·0–0·5)	0·1 (0·0–0·8)	0·2 (0·0–1·3)
Cysticercosis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·4)
Echinococcosis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)	<0·05 (0·0–0·3)
Dengue	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·1 (0·1–0·4)	0·1 (0·1–0·3)	0·2 (0·1–0·3)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
Rabies	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·2 (0·1–0·5)	0·2 (0·1–0·5)	0·3 (0·1–0·5)	0·3 (0·2–0·5)
Intestinal nematode infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Ascariasis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other neglected tropical diseases	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·5)	0·3 (0·2–0·6)
Maternal disorders	4·0 (2·9–5·3)	9·1 (7·2–11·2)	9·7 (7·5–11·8)	9·1 (7·0–11·2)	8·2 (6·2–10·8)	5·1 (3·9–6·5)	3·1 (2·3–4·1)
Maternal hemorrhage	0·7 (0·5–0·8)	1·7 (1·3–2·0)	2·1 (1·6–2·5)	2·3 (1·8–2·8)	2·2 (1·6–2·8)	1·4 (1·1–1·8)	0·9 (0·7–1·2)
Maternal sepsis	0·5 (0·3–0·6)	1·0 (0·8–1·3)	0·9 (0·7–1·1)	0·7 (0·5–0·9)	0·6 (0·4–0·8)	0·3 (0·2–0·4)	0·2 (0·1–0·2)
Hypertensive disorders of pregnancy	1·1 (0·7–1·5)	1·8 (1·4–2·3)	1·8 (1·3–2·2)	1·5 (1·1–1·9)	1·4 (1·0–1·9)	0·8 (0·6–1·1)	0·4 (0·3–0·6)
Obstructed labor	0·1 (0·1–0·2)	0·4 (0·3–0·6)	0·4 (0·3–0·6)	0·4 (0·2–0·5)	0·4 (0·3–0·6)	0·2 (0·2–0·3)	0·1 (0·1–0·2)
Abortion	0·6 (0·4–0·8)	1·4 (1·1–1·8)	1·4 (1·1–1·8)	1·3 (1·0–1·7)	1·2 (0·8–1·6)	0·7 (0·5–0·9)	0·4 (0·3–0·5)
Other maternal disorders	1·1 (0·8–1·3)	2·8 (2·2–3·3)	3·1 (2·4–3·6)	2·9 (2·3–3·5)	2·5 (1·9–3·1)	1·6 (1·3–2·0)	1·1 (0·8–1·4)
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	2·1 (1·5–3·0)	2·7 (1·9–3·9)	2·7 (2·0–3·7)	2·9 (2·1–4·1)	3·1 (2·3–4·5)	3·2 (2·3–4·8)	3·9 (2·8–5·5)
Protein-energy malnutrition	1·6 (1·1–2·4)	2·0 (1·4–3·0)	2·1 (1·5–2·9)	2·3 (1·6–3·3)	2·6 (1·8–3·8)	2·7 (1·8–4·1)	3·2 (2·3–4·7)
Iodine deficiency	<0·05 (0·1–0·05)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	<0·05 (0·2–0·3)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)
Iron-deficiency anemia	0·4 (0·3–0·6)	0·6 (0·4–0·8)	0·6 (0·4–0·8)	0·6 (0·4–0·7)	0·5 (0·4–0·6)	0·4 (0·3–0·6)	0·5 (0·4–0·6)
Other nutritional deficiencies	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·2–0·3)	0·1 (0·0–0·1)	0·1 (0·1–0·1)
Other communicable, maternal, neonatal, and nutritional disorders	2·4 (1·8–3·5)	3·2 (2·5–4·5)	3·6 (2·8–5·0)	4·2 (3·3–5·6)	4·9 (3·7–6·5)	6·2 (4·8–8·4)	8·3 (6·2–11·8)
Sexually transmitted diseases excluding HIV	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)
Syphilis	<0·05 (0·1–0·3)	<0·05 (0·2–0·5)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
Sexually transmitted chlamydial diseases	<0·05 (0·0–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)
Gonococcal infection	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·1–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other sexually transmitted diseases	<0·05 (0·1–0·05)	<0·05 (0·1–0·4)	<0·05 (0·2–0·5)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	<0·05 (0·1–0·3)	0·1 (0·0–0·1)
Hepatitis	1·6 (1·0–2·6)	2·1 (1·4–3·3)	2·2 (1·5–3·5)	2·5 (1·8–3·7)	3·1 (2·1–4·7)	4·2 (3·0–6·3)	5·7 (3·9–9·2)
Acute hepatitis A	0·2 (0·1–0·5)	0·3 (0·1–0·7)	0·4 (0·1–1·0)	0·6 (0·2–1·6)	0·9 (0·4–2·5)	1·4 (0·5–3·7)	1·9 (0·7–4·9)
Acute hepatitis B	0·1 (0·1–0·2)	0·3 (0·2–0·4)	0·4 (0·2–0·7)	0·6 (0·4–1·1)	1·1 (0·7–1·8)	2·0 (1·2–3·1)	3·3 (1·8–5·8)
Acute hepatitis C	<0·05 (0·0–0·05)	<0·05 (0·1–0·05)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·5)	0·4 (0·2–0·6)
Acute hepatitis E	1·2 (0·4–2·8)	1·5 (0·6–3·0)	1·4 (0·6–3·0)	1·1 (0·5–2·3)	0·9 (0·4–1·8)	0·5 (0·2–1·2)	0·2 (0·0–0·5)
Other infectious diseases	0·8 (0·6–1·1)	1·0 (0·8–1·4)	1·3 (0·9–1·7)	1·6 (1·0–2·1)	1·6 (1·1–2·2)	1·8 (1·2–2·4)	2·3 (1·5–3·3)
Non-communicable diseases	26·9 (24·5–29·2)	38·2 (34·7–41·0)	49·2 (45·5–52·5)	69·5 (64·4–74·0)	106·9 (99·4–113·8)	176·6 (166·1–186·9)	298·9 (279·9–314·9)
Neoplasms	6·4 (5·3–7·4)	8·0 (6·6–9·1)	10·6 (9·1–11·9)	17·1 (15·1–18·6)	30·3 (27·6–33·1)	55·5 (50·9–60·4)	98·7 (91·3–106·1)
Esophageal cancer	<0·05 (0·1–0·3)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·3 (0·2–0·4)	0·7 (0·5–1·0)	2·1 (1·4–3·1)	4·7 (3·2–6·4)
Stomach cancer	0·2 (0·1–0·3)	0·4 (0·2–0·5)	0·7 (0·4–0·9)	1·3 (0·9–1·7)	2·4 (1·8–3·3)	4·7 (3·5–6·4)	8·1 (6·1–10·9)
Liver cancer	0·3 (0·2–0·5)	0·6 (0·4–0·9)	1·1 (0·8–1·6)	2·0 (1·5–2·8)	4·3 (3·1–6·0)	7·7 (5·8–11·1)	12·6 (10·0–17·0)
Liver cancer secondary to hepatitis B	0·1 (0·1–0·2)	0·3 (0·2–0·4)	0·5 (0·4–0·8)	1·0 (0·7–1·4)	2·1 (1·5–3·0)	3·8 (2·7–5·6)	6·1 (4·7–8·6)
Liver cancer secondary to hepatitis C	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·3 (0·2–0·4)	0·8 (0·6–1·2)	1·9 (1·6–2·5)
Liver cancer secondary to alcohol use	<0·05 (0·1–0·05)	0·1 (0·1–0·1)	0·2 (0·2–0·3)	0·5 (0·4–0·7)	1·0 (0·7–1·4)	1·7 (1·3–2·4)	2·7 (2·1–3·7)
Other liver cancer	0·2 (0·1–0·2)	0·2 (0·2–0·3)	0·3 (0·2–0·5)	0·5 (0·4–0·7)	0·9 (0·7–1·3)	1·4 (1·0–1·9)	1·9 (1·5–2·4)
Larynx cancer	<0·05 (0·0–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·3)	0·1 (0·0–0·1)	0·2 (0·1–0·3)	0·6 (0·3–1·1)	1·5 (0·7–2·6)
Trachea, bronchus and lung cancers	0·1 (0·1–0·2)	0·3 (0·2–0·4)	0·5 (0·4–0·7)	1·2 (0·8–1·5)	2·6 (1·9–3·4)	6·6 (5·1–8·2)	14·6 (11·3–18·5)
Breast cancer	<0·05 (0·2–0·05)	0·1 (0·1–0·1)	0·4 (0·4–0·5)	1·4 (1·2–1·5)	3·2 (2·9–3·5)	5·7 (5·2–6·1)	9·5 (8·9–10·2)
Cervical cancer	<0·05 (0·1–0·05)	0·1 (0·1–0·2)	0·4 (0·2–0·5)	1·0 (0·6–1·3)	2·0 (1·2–2·7)	3·5 (2·1–4·8)	5·9 (3·5–8·1)
Uterine cancer	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·1–0·3)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·3 (0·1–0·5)	0·6 (0·3–0·8)
Prostate cancer	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·3)	0·1 (0·0–0·1)	0·2 (0·1–0·4)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	Both Sexes, 15-19 Years	Both Sexes, 20-24 Years	Both Sexes, 25-29 Years	Both Sexes, 30-34 Years	Both Sexes, 35-39 Years	Both Sexes, 40-44 Years	Both Sexes, 45-49 Years
	0·1	0·4	0·7	1·1	1·9	3·3	6·3
Colon and rectum cancers	(0·1–0·2)	(0·3–0·5)	(0·6–0·8)	(1·0–1·4)	(1·7–2·4)	(2·9–4·1)	(5·5–7·6)
	0·1	0·1	0·2	0·4	0·6	1·2	2·3
Mouth cancer	(0·0–0·1)	(0·1–0·2)	(0·1–0·3)	(0·2–0·5)	(0·4–0·8)	(0·9–1·5)	(1·9–2·8)
	0·1	0·1	0·2	0·3	0·6	1·2	1·7
Nasopharynx cancer	(0·1–0·2)	(0·1–0·2)	(0·1–0·3)	(0·2–0·5)	(0·4–1·0)	(0·7–1·9)	(1·0–2·7)
	0·1	0·1	0·1	0·3	0·4	0·9	1·8
Cancer of other part of pharynx and oropharynx	(0·0–0·1)	(0·0–0·2)	(0·1–0·3)	(0·1–0·6)	(0·2–0·7)	(0·5–1·5)	(1·0–2·6)
	<0·05	0·1	0·1	0·2	0·4	0·8	1·3
Gallbladder and biliary tract cancer	(0·1–1·0)	(0·0–0·3)	(0·0–0·5)	(0·1–0·6)	(0·2–0·7)	(0·4–1·2)	(0·8–2·0)
	<0·05	0·1	0·1	0·2	0·6	1·2	2·8
Pancreatic cancer	(0·1–0·7)	(0·0–0·1)	(0·1–0·2)	(0·2–0·4)	(0·4–0·7)	(0·9–1·6)	(2·0–3·7)
	<0·05	0·1	0·1	0·2	0·3	0·4	0·7
Malignant melanoma of skin	(0·1–0·05)	(0·0–0·1)	(0·1–0·1)	(0·1–0·3)	(0·2–0·4)	(0·3–0·7)	(0·5–1·1)
	<0·05	<0·05	<0·05	0·1	0·1	0·1	0·2
Non-melanoma skin cancer	(0·1–0·05)	(0·1–0·05)	(0·1–0·4)	(0·0–0·1)	(0·1–0·1)	(0·1–0·2)	(0·1–0·4)
	0·1	0·2	0·2	0·4	0·8	1·6	3·1
Ovarian cancer	(0·1–0·2)	(0·1–0·2)	(0·2–0·3)	(0·3–0·5)	(0·5–1·0)	(1·0–2·0)	(2·2–4·1)
	0·1	0·1	0·1	0·1	0·1	0·1	0·1
Testicular cancer	(0·0–0·1)	(0·1–0·2)	(0·1–0·2)	(0·1–0·2)	(0·1–0·2)	(0·1–0·2)	(0·1–0·2)
	0·1	0·1	0·1	0·2	0·4	0·8	1·7
Kidney and other urinary organ cancers	(0·0–0·2)	(0·0–0·2)	(0·1–0·2)	(0·1–0·3)	(0·2–0·5)	(0·5–1·1)	(1·2–2·4)
	<0·05	<0·05	0·1	0·1	0·2	0·4	0·9
Bladder cancer	(0·1–0·05)	(0·2–0·3)	(0·0–0·1)	(0·1–0·2)	(0·2–0·3)	(0·3–0·5)	(0·7–1·0)
	0·5	0·5	0·7	1·0	1·5	2·2	3·5
Brain and nervous system cancers	(0·3–0·7)	(0·3–0·7)	(0·4–0·9)	(0·6–1·3)	(0·9–2·1)	(1·3–3·1)	(2·1–4·7)
	<0·05	<0·05	<0·05	0·1	0·1	0·2	0·4
Thyroid cancer	(0·1–0·05)	(0·1–0·4)	(0·2–0·3)	(0·1–0·1)	(0·1–0·2)	(0·1–0·3)	(0·3–0·5)
	0·1	0·1	0·2	0·2	0·2	0·2	0·3
Hodgkin's disease	(0·1–0·1)	(0·1–0·2)	(0·1–0·3)	(0·1–0·3)	(0·1–0·3)	(0·1–0·3)	(0·2–0·4)
	0·7	0·7	0·7	0·9	1·1	1·6	2·4
Non-Hodgkin's lymphoma	(0·5–0·9)	(0·5–1·0)	(0·6–0·9)	(0·7–1·1)	(0·8–1·3)	(1·2–1·9)	(1·9–2·8)
	<0·05	<0·05	<0·05	0·1	0·1	0·3	0·6
Multiple myeloma	(0·1–0·6)	(0·1–0·6)	(0·1–0·5)	(0·0–0·1)	(0·1–0·2)	(0·2–0·4)	(0·4–0·8)
	1·9	1·8	1·7	1·7	2·1	2·6	3·2
Leukemia	(1·4–2·3)	(1·3–2·2)	(1·3–2·0)	(1·3–2·1)	(1·6–2·6)	(1·9–3·2)	(2·5–4·0)
	1·7	1·7	1·8	2·3	3·1	5·0	7·7
Other neoplasms	(1·1–2·3)	(1·1–2·3)	(1·1–2·4)	(1·5–3·1)	(2·1–4·2)	(3·4–6·7)	(5·3–10·2)
	5·6	9·2	12·9	19·9	32·6	59·2	103·7
Cardiovascular and circulatory diseases	(4·8–6·3)	(8·1–10·4)	(11·4–14·3)	(17·6–22·1)	(28·7–35·9)	(52·2–64·4)	(93·1–112·4)
	0·8	1·1	1·5	1·9	2·4	3·2	4·5
Rheumatic heart disease	(0·6–1·0)	(0·9–1·3)	(1·2–1·8)	(1·5–2·3)	(2·0–3·0)	(2·6–4·0)	(3·6–5·6)
	1·7	3·2	4·7	8·3	14·1	27·5	48·6
Ischemic heart disease	(1·3–2·2)	(2·6–3·9)	(4·0–5·6)	(7·0–9·8)	(11·9–16·4)	(23·4–31·8)	(42·0–54·6)
	1·5	2·5	3·4	5·2	9·0	17·4	32·8
Cerebrovascular disease	(1·1–1·8)	(2·0–3·0)	(2·6–3·9)	(4·2–6·0)	(7·3–10·2)	(14·2–19·6)	(27·0–36·6)
	0·2	0·4	0·5	0·8	1·2	2·5	5·3
Ischemic stroke	(0·2–0·2)	(0·3–0·5)	(0·4–0·6)	(0·7–1·0)	(1·1–1·4)	(2·2–3·0)	(4·7–6·6)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
Hemorrhagic and other non-ischemic stroke	1·3 (0·9–1·6)	2·1 (1·6–2·6)	2·8 (2·2–3·5)	4·4 (3·5–5·3)	7·8 (6·2–9·3)	14·9 (12·1–17·5)	27·5 (22·8–32·0)
Hypertensive heart disease	0·2 (0·2–0·3)	0·4 (0·3–0·5)	0·6 (0·4–0·7)	0·9 (0·7–1·1)	1·6 (1·3–2·1)	3·1 (2·4–3·8)	5·6 (4·5–6·9)
Cardiomyopathy and myocarditis	0·6 (0·5–0·8)	0·9 (0·7–1·1)	1·2 (1·0–1·5)	1·6 (1·3–1·9)	2·3 (1·9–2·8)	3·7 (3·0–4·6)	5·4 (4·5–6·5)
Atrial fibrillation and flutter	–	–	–	<0·05 (0·1–0·3)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·2 (0·1–0·3)
Aortic aneurysm	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·6 (0·4–0·9)	1·0 (0·7–1·5)
Peripheral vascular disease	–	–	–	–	–	0·1 (0·0–0·1)	0·1 (0·1–0·2)
Endocarditis	0·1 (0·1–0·1)	0·2 (0·1–0·2)	0·3 (0·2–0·4)	0·3 (0·2–0·4)	0·4 (0·2–0·5)	0·5 (0·3–0·8)	0·6 (0·4–0·7)
Other cardiovascular and circulatory diseases	0·7 (0·6–0·7)	0·9 (0·8–1·1)	1·2 (1·0–1·3)	1·5 (1·4–1·7)	2·4 (2·1–2·7)	3·1 (2·8–3·4)	5·0 (4·5–5·5)
Chronic respiratory diseases	1·6 (1·4–1·9)	2·3 (2·0–2·8)	3·2 (2·8–3·7)	3·9 (3·4–4·5)	5·8 (4·9–7·1)	8·9 (7·5–10·6)	16·4 (14·2–19·4)
Chronic obstructive pulmonary disease	0·6 (0·4–0·8)	0·9 (0·6–1·2)	1·2 (0·9–1·7)	1·6 (1·2–2·2)	2·6 (1·9–3·7)	4·6 (3·5–6·1)	9·6 (7·4–12·5)
Pneumoconiosis	<0·05 (0·1–0·5)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·2–0·6)	0·6 (0·3–1·0)
Asthma	0·6 (0·4–1·0)	0·7 (0·5–1·2)	1·0 (0·7–1·6)	1·1 (0·8–1·8)	1·6 (1·1–2·7)	2·1 (1·5–3·4)	3·5 (2·5–5·7)
Other interstitial lung disease	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·2–0·3)	0·4 (0·2–0·6)	0·7 (0·4–1·0)
Other chronic respiratory diseases	0·4 (0·3–0·5)	0·6 (0·4–0·8)	0·8 (0·6–1·1)	0·9 (0·6–1·2)	1·2 (0·8–1·6)	1·5 (1·0–2·0)	2·0 (1·5–2·8)
Cirrhosis of the liver	0·7 (0·6–1·0)	1·5 (1·1–1·9)	2·9 (2·3–3·5)	5·8 (4·6–7·2)	9·6 (7·5–12·0)	15·4 (12·3–18·7)	23·6 (18·4–28·0)
Cirrhosis of the liver secondary to hepatitis B	0·2 (0·1–0·3)	0·4 (0·3–0·5)	0·7 (0·6–0·9)	1·4 (1·1–1·8)	2·4 (2·0–3·1)	4·2 (3·4–5·3)	6·7 (5·3–8·5)
Cirrhosis of the liver secondary to hepatitis C	0·1 (0·1–0·1)	0·2 (0·2–0·3)	0·4 (0·3–0·5)	0·8 (0·7–1·0)	1·5 (1·2–1·9)	2·9 (2·4–3·5)	5·2 (4·2–6·2)
Cirrhosis of the liver secondary to alcohol use	<0·05 (0·2–0·4)	0·3 (0·2–0·4)	0·8 (0·6–1·0)	2·0 (1·5–2·6)	3·4 (2·6–4·4)	5·2 (4·0–6·5)	7·7 (5·7–9·5)
Other cirrhosis of the liver	0·4 (0·3–0·5)	0·6 (0·5–0·8)	1·0 (0·8–1·2)	1·6 (1·3–2·0)	2·3 (1·9–2·8)	3·1 (2·5–3·8)	4·0 (3·2–4·8)
Digestive diseases (except cirrhosis)	1·8 (1·5–2·3)	2·9 (2·4–3·5)	3·5 (2·9–4·2)	4·9 (4·0–5·9)	6·3 (5·2–7·7)	8·4 (6·9–10·3)	12·0 (10·0–14·4)
Peptic ulcer disease	0·5 (0·3–0·9)	0·8 (0·6–1·2)	1·0 (0·7–1·3)	1·4 (1·0–2·0)	1·8 (1·3–2·6)	2·4 (1·8–3·4)	3·4 (2·6–4·6)
Gastritis and duodenitis	<0·05 (0·1–0·05)	<0·05 (0·1–0·4)	<0·05 (0·2–0·4)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·2)
Appendicitis	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·3 (0·2–0·4)	0·3 (0·2–0·5)
Paralytic ileus and intestinal obstruction without hernia	0·3 (0·2–0·4)	0·4 (0·3–0·6)	0·5 (0·3–0·6)	0·6 (0·4–0·9)	0·8 (0·5–1·2)	1·0 (0·7–1·4)	1·4 (0·9–2·0)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	Both Sexes, 15-19 Years	Both Sexes, 20-24 Years	Both Sexes, 25-29 Years	Both Sexes, 30-34 Years	Both Sexes, 35-39 Years	Both Sexes, 40-44 Years	Both Sexes, 45-49 Years
Inguinal or femoral hernia	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·2–0·05)	<0·05 (0·2–0·3)	0·1 (0·1–0·1)	0·1 (0·1–0·1)
Noninfective inflammatory bowel disease	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·2–0·3)	0·3 (0·2–0·4)
Vascular disorders of intestine	<0·05 (0·0–0·05)	<0·05 (0·1–0·4)	<0·05 (0·1–0·7)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·2 (0·1–0·4)	0·3 (0·1–0·8)
Gall bladder and bile duct disease	0·1 (0·1–0·1)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·3)	0·3 (0·3–0·5)	0·5 (0·4–0·6)	0·7 (0·5–0·9)
Pancreatitis	0·1 (0·1–0·2)	0·2 (0·2–0·3)	0·4 (0·3–0·6)	0·6 (0·4–0·9)	0·8 (0·6–1·1)	1·0 (0·8–1·4)	1·4 (1·0–1·8)
Other digestive diseases	0·6 (0·4–0·9)	0·9 (0·6–1·4)	1·0 (0·7–1·5)	1·4 (1·0–2·1)	1·9 (1·3–2·8)	2·7 (1·9–4·0)	4·0 (2·9–5·9)
Neurological disorders	4·0 (3·0–5·5)	4·8 (3·6–6·1)	4·7 (3·5–6·2)	5·1 (3·8–7·2)	5·7 (4·3–8·0)	6·9 (5·2–9·6)	9·5 (7·0–13·3)
Alzheimer's disease and other dementias	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·5 (0·3–0·7)
Parkinson's disease	–	<0·05 (0·2–0·4)	<0·05 (0·2–0·4)	<0·05 (0·2–0·3)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)
Epilepsy	1·7 (1·2–2·2)	2·3 (1·6–2·9)	2·3 (1·6–2·9)	2·2 (1·6–2·7)	2·2 (1·6–2·7)	2·2 (1·6–2·6)	2·3 (1·6–2·9)
Multiple sclerosis	–	<0·05 (0·2–0·3)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·2–0·3)	0·3 (0·2–0·4)	0·5 (0·4–0·6)
Other neurological disorders	2·2 (1·4–3·5)	2·2 (1·4–3·6)	2·1 (1·3–3·4)	2·6 (1·5–4·6)	3·0 (1·9–5·2)	4·0 (2·5–6·6)	6·1 (3·7–9·8)
Mental and behavioral disorders	0·6 (0·4–0·8)	1·4 (0·9–2·1)	2·4 (1·6–3·6)	3·0 (2·1–4·3)	3·7 (2·6–5·4)	4·9 (3·4–7·1)	6·5 (4·3–9·7)
Schizophrenia	–	–	0·2 (0·1–0·2)	0·2 (0·2–0·3)	0·3 (0·2–0·5)	0·4 (0·3–0·6)	0·5 (0·3–0·6)
Alcohol use disorders	0·1 (0·0–0·1)	0·2 (0·1–0·4)	0·5 (0·2–0·9)	1·0 (0·5–1·7)	1·7 (0·9–2·8)	2·6 (1·4–4·3)	4·0 (2·1–6·8)
Drug use disorders	0·4 (0·2–0·6)	1·1 (0·6–1·8)	1·6 (0·9–2·7)	1·6 (0·9–2·7)	1·5 (0·8–2·6)	1·7 (0·9–3·0)	1·8 (0·9–3·0)
Opioid use disorders	0·2 (0·1–0·3)	0·6 (0·3–1·0)	0·9 (0·5–1·5)	0·9 (0·5–1·5)	0·8 (0·4–1·5)	0·9 (0·5–1·6)	1·0 (0·5–1·7)
Cocaine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·2 (0·1–0·3)	0·5 (0·3–0·8)	0·7 (0·4–1·2)	0·7 (0·4–1·2)	0·6 (0·3–1·1)	0·7 (0·4–1·2)	0·7 (0·4–1·3)
Eating disorders	<0·05 (0·1–0·4)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other mental and behavioral disorders	<0·05 (0·1–0·05)	<0·05 (0·1–0·3)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)
Diabetes, urogenital, blood, and endocrine diseases	4·0 (3·3–5·0)	5·7 (4·8–6·8)	6·5 (5·6–7·9)	7·8 (6·8–9·2)	10·5 (9·1–12·4)	14·5 (12·8–16·9)	24·4 (21·3–28·0)
Diabetes mellitus	0·6 (0·4–0·7)	1·0 (0·7–1·3)	1·4 (1·2–1·7)	2·0 (1·7–2·4)	3·3 (2·6–3·9)	5·5 (4·5–6·3)	10·9 (8·6–12·3)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
Acute glomerulonephritis	0·5 (0·2–1·5)	0·5 (0·2–1·3)	0·6 (0·2–1·7)	0·6 (0·3–1·7)	0·8 (0·3–2·4)	0·9 (0·3–2·7)	1·1 (0·4–3·1)
Chronic kidney diseases	1·1 (0·9–1·3)	1·8 (1·5–2·2)	2·0 (1·7–2·3)	2·5 (2·1–3·0)	3·6 (2·9–4·2)	4·7 (3·9–5·4)	7·6 (6·2–8·7)
Chronic kidney disease due to diabetes mellitus	<0·05 (0·0–0·05)	0·1 (0·1–0·1)	0·2 (0·1–0·2)	0·3 (0·3–0·4)	0·6 (0·5–0·7)	0·9 (0·7–1·1)	1·8 (1·5–2·1)
Chronic kidney disease due to hypertension	0·2 (0·1–0·2)	0·3 (0·3–0·4)	0·4 (0·3–0·5)	0·5 (0·4–0·6)	0·8 (0·7–1·0)	1·2 (1·0–1·3)	1·8 (1·5–2·1)
Chronic kidney disease unspecified	0·9 (0·7–1·1)	1·4 (1·2–1·7)	1·5 (1·2–1·7)	1·7 (1·4–2·0)	2·2 (1·8–2·6)	2·6 (2·2–3·0)	3·9 (3·3–4·5)
Urinary diseases and male infertility	0·2 (0·2–0·3)	0·4 (0·3–0·5)	0·5 (0·4–0·7)	0·6 (0·5–0·8)	0·9 (0·6–1·1)	1·1 (0·8–1·4)	1·8 (1·3–2·3)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·2–0·3)	0·3 (0·2–0·4)	0·4 (0·3–0·5)	0·5 (0·3–0·7)	0·9 (0·6–1·3)
Urolithiasis	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·3)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)
Other urinary diseases	0·1 (0·1–0·1)	0·2 (0·1–0·2)	0·2 (0·2–0·3)	0·3 (0·2–0·4)	0·4 (0·2–0·5)	0·4 (0·3–0·6)	0·7 (0·5–0·9)
Gynecological diseases	<0·05 (0·1–0·05)	<0·05 (0·1–0·4)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Uterine fibroids	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)
Endometriosis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Genital prolapse	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other gynecological diseases	<0·05 (0·1–0·05)	<0·05 (0·1–0·4)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Hemoglobinopathies and hemolytic anemias	0·9 (0·6–1·2)	1·0 (0·7–1·4)	0·9 (0·6–1·3)	0·8 (0·6–1·1)	0·6 (0·4–0·9)	0·6 (0·5–0·9)	0·7 (0·5–1·1)
Thalassemias	0·3 (0·2–0·5)	0·3 (0·3–0·4)	0·3 (0·2–0·4)	0·3 (0·2–0·3)	0·2 (0·2–0·3)	0·2 (0·2–0·3)	0·2 (0·2–0·3)
Sickle cell disorders	0·3 (0·2–0·4)	0·3 (0·2–0·4)	0·3 (0·2–0·4)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·2)	0·2 (0·1–0·3)
G6PD deficiency	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)
Other hemoglobinopathies and hemolytic anemias	0·2 (0·1–0·4)	0·4 (0·1–0·7)	0·3 (0·1–0·6)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·3 (0·1–0·5)
Other endocrine, nutritional, blood, and immune disorders	0·7 (0·3–1·1)	0·9 (0·4–1·4)	1·0 (0·5–1·6)	1·1 (0·6–1·8)	1·3 (0·7–1·9)	1·6 (0·9–2·9)	2·3 (1·4–3·9)
Musculoskeletal disorders	0·5 (0·3–0·7)	0·7 (0·4–1·0)	0·7 (0·5–1·0)	0·7 (0·5–1·1)	0·9 (0·6–1·3)	1·2 (0·8–1·6)	1·6 (1·1–2·3)
Rheumatoid arthritis	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·4 (0·3–0·6)
Other musculoskeletal disorders	0·4 (0·3–0·5)	0·6 (0·4–0·8)	0·6 (0·5–0·8)	0·6 (0·5–0·9)	0·7 (0·5–1·0)	0·9 (0·7–1·3)	1·2 (0·9–1·7)
Other non-communicable diseases	1·7 (1·3–2·1)	1·7 (1·4–2·1)	1·8 (1·4–2·2)	1·3 (1·0–1·5)	1·6 (1·3–1·9)	1·8 (1·4–2·2)	2·4 (1·9–2·9)

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Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
Congenital anomalies	1·4 (1·1–1·8)	1·4 (1·0–1·8)	1·4 (1·1–1·8)	0·8 (0·6–1·0)	0·9 (0·7–1·2)	1·0 (0·8–1·2)	1·4 (1·0–1·7)
Neural tube defects	0·1 (0·1–0·2)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Congenital heart anomalies	0·9 (0·7–1·1)	0·8 (0·7–1·1)	0·8 (0·6–1·2)	0·4 (0·4–0·6)	0·5 (0·4–0·6)	0·5 (0·4–0·6)	0·6 (0·5–0·8)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·2 (0·1–0·2)
Other chromosomal abnormalities	<0·05 (0·1–0·3)	<0·05 (0·1–0·4)	<0·05 (0·1–0·4)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·2)
Other congenital anomalies	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·5 (0·3–0·8)
Skin and subcutaneous diseases	0·3 (0·2–0·3)	0·3 (0·2–0·4)	0·4 (0·3–0·5)	0·5 (0·3–0·6)	0·7 (0·5–0·9)	0·8 (0·6–1·2)	1·0 (0·7–1·4)
Cellulitis	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·2–0·3)	0·3 (0·2–0·4)	0·4 (0·2–0·5)
Abscess, impetigo, and other bacterial skin diseases	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·4 (0·2–0·5)	0·4 (0·3–0·6)
Decubitus ulcer	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·2–0·3)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	54·6 (48·1–62·4)	77·1 (67·8–86·0)	77·0 (68·1–86·1)	72·6 (64·6–82·1)	72·6 (63·0–83·9)	74·2 (64·8–84·8)	80·3 (70·0–91·8)
Transport injuries	16·5 (13·0–20·9)	24·4 (18·7–30·6)	24·0 (18·3–32·0)	21·4 (16·5–29·4)	22·1 (16·5–31·5)	22·4 (17·2–31·1)	24·2 (18·5–35·1)
Road injury	15·7 (12·3–19·8)	23·1 (17·6–29·1)	22·8 (17·7–29·9)	20·3 (15·2–27·2)	21·1 (16·0–29·1)	21·3 (15·7–30·0)	23·1 (16·8–32·6)
Pedestrian injury by road vehicle	4·6 (3·2–6·8)	6·6 (4·5–9·3)	6·8 (4·7–10·6)	6·4 (4·3–10·1)	7·0 (4·5–11·0)	7·4 (4·8–11·8)	7·9 (5·4–12·5)
Pedal cycle vehicle	1·0 (0·7–1·4)	1·2 (0·8–1·8)	1·2 (0·8–1·8)	1·1 (0·7–1·7)	1·1 (0·7–1·6)	1·1 (0·8–1·6)	1·4 (0·9–2·0)
Motorized vehicle with two wheels	3·1 (2·3–4·2)	4·8 (3·4–6·4)	4·6 (3·3–6·0)	3·8 (2·8–4·9)	3·8 (2·7–5·4)	3·5 (2·5–5·0)	3·8 (2·6–5·5)
Motorized vehicle with three or more wheels	5·9 (4·5–7·2)	9·0 (6·7–11·2)	8·6 (6·5–11·0)	7·5 (5·5–9·6)	7·7 (5·7–10·3)	7·6 (5·7–10·1)	8·3 (6·3–10·7)
Road injury other	1·1 (0·5–2·4)	1·5 (0·7–3·4)	1·6 (0·7–3·7)	1·5 (0·6–3·7)	1·6 (0·6–4·2)	1·8 (0·6–5·1)	1·8 (0·6–5·3)
Other transport injury	0·8 (0·6–1·1)	1·3 (0·9–1·7)	1·2 (0·9–1·8)	1·2 (0·9–1·6)	1·0 (0·8–1·4)	1·1 (0·8–1·6)	1·1 (0·9–1·6)
Unintentional injuries other than transport injuries	17·4 (15·0–21·1)	22·8 (19·8–26·8)	22·8 (19·4–26·5)	23·1 (19·6–27·2)	24·2 (20·1–28·4)	25·5 (21·2–30·2)	27·8 (23·3–32·2)
Falls	1·8 (1·2–2·5)	2·8 (1·9–4·0)	3·0 (2·0–4·0)	3·3 (2·3–4·6)	4·0 (2·6–5·5)	4·9 (3·2–6·8)	6·1 (4·1–8·3)

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Drowning	5·0 (4·0–6·6)	4·7 (3·8–6·2)	4·0 (3·2–5·3)	3·6 (2·9–5·1)	3·6 (2·9–4·9)	3·8 (3·0–5·1)	3·9 (3·1–5·3)
Fire, heat and hot substances	3·9 (2·1–7·5)	4·9 (2·9–8·6)	4·9 (2·8–8·0)	4·9 (2·8–8·5)	4·4 (2·4–7·8)	4·2 (2·5–7·3)	3·8 (2·2–6·3)
Poisonings	1·5 (1·1–2·1)	2·5 (1·7–3·4)	2·7 (1·8–3·8)	2·8 (1·9–4·0)	3·1 (2·0–4·6)	3·4 (2·1–4·9)	3·5 (2·3–4·7)
Exposure to mechanical forces	2·1 (1·5–3·0)	3·3 (2·2–4·5)	3·6 (2·5–4·7)	3·6 (2·4–5·0)	3·7 (2·4–5·4)	3·6 (2·3–5·0)	4·0 (2·5–5·4)
Mechanical forces (firearm)	1·2 (0·7–1·9)	1·7 (1·0–2·6)	1·6 (0·9–2·4)	1·5 (0·9–2·4)	1·4 (0·8–2·6)	1·2 (0·8–2·0)	1·2 (0·7–2·0)
Mechanical forces (other)	1·0 (0·5–1·6)	1·6 (0·9–2·4)	2·0 (1·1–2·9)	2·1 (1·2–3·2)	2·3 (1·3–3·5)	2·4 (1·4–3·4)	2·8 (1·7–3·9)
Adverse effects of medical treatment	0·3 (0·2–0·5)	0·5 (0·4–0·7)	0·5 (0·4–0·7)	0·5 (0·4–0·7)	0·6 (0·4–0·8)	0·7 (0·5–0·9)	0·9 (0·7–1·1)
Animal contact	0·6 (0·3–1·0)	0·7 (0·4–1·2)	0·6 (0·3–1·1)	0·6 (0·4–1·1)	0·7 (0·4–1·1)	0·7 (0·4–1·1)	0·8 (0·5–1·4)
Animal contact (venomous)	0·4 (0·2–0·9)	0·5 (0·3–1·0)	0·5 (0·2–1·0)	0·5 (0·2–0·9)	0·5 (0·2–1·0)	0·5 (0·3–1·0)	0·7 (0·3–1·5)
Animal contact (non-venomous)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·2 (0·1–0·3)
Unintentional injuries not classified elsewhere	2·2 (1·7–2·8)	3·4 (2·7–4·4)	3·6 (2·9–4·5)	3·7 (3·0–4·6)	4·0 (3·1–5·1)	4·3 (3·4–5·3)	4·8 (3·7–6·1)
Self-harm and interpersonal violence	17·3 (13·6–21·5)	26·2 (20·6–31·7)	26·4 (21·2–31·9)	24·6 (19·8–29·7)	23·2 (18·8–29·2)	23·1 (18·6–29·1)	24·7 (19·4–31·5)
Self-harm	10·5 (7·2–14·6)	14·1 (9·7–19·1)	13·5 (9·6–17·8)	13·2 (9·5–17·4)	14·0 (9·7–18·1)	15·4 (11·4–20·9)	17·4 (12·5–23·4)
Interpersonal violence	6·8 (5·1–8·3)	12·1 (9·0–15·3)	12·8 (9·7–16·9)	11·4 (8·3–15·4)	9·3 (6·9–12·8)	7·7 (5·7–10·7)	7·3 (5·4–11·0)
Assault by firearm	3·5 (2·5–4·3)	5·8 (4·6–6·9)	6·1 (4·7–7·5)	5·3 (3·9–6·8)	4·2 (3·2–5·6)	3·5 (2·5–4·7)	3·0 (2·2–4·3)
Assault by sharp object	1·8 (1·1–2·4)	3·5 (2·2–5·1)	3·8 (2·3–5·7)	3·4 (2·2–5·4)	2·7 (1·7–4·2)	2·2 (1·5–3·7)	2·2 (1·3–3·5)
Assault by other means	1·6 (1·2–2·1)	2·8 (2·1–3·6)	3·0 (2·2–4·0)	2·6 (1·9–3·6)	2·4 (1·7–3·2)	2·1 (1·5–2·9)	2·1 (1·5–3·0)
Forces of nature, war, and legal intervention	3·4 (1·5–8·8)	3·7 (1·7–8·7)	3·9 (1·9–8·8)	3·5 (1·7–7·6)	3·1 (1·6–6·4)	3·2 (1·7–6·3)	3·5 (2·0–6·7)
Exposure to forces of nature	3·2 (1·4–8·5)	3·5 (1·6–8·3)	3·6 (1·7–8·4)	3·2 (1·5–7·1)	2·8 (1·4–5·9)	2·9 (1·5–5·8)	3·2 (1·8–6·1)
Collective violence and legal intervention	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·2–0·4)	0·2 (0·2–0·4)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·5)

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Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
All causes	705·1 (663·8–746·1)	1,018·3 (957·4–1,069·2)	1,528·7 (1,445·2–1,598·3)	2,321·9 (2,200·6–2,413·9)	3,550·1 (3,377·7–3,675·7)	5,359·1 (5,144·0–5,514·3)	11,538·6 (11,220·3–11,725·6)
Communicable, maternal, neonatal, and nutritional disorders	115·5 (101·1–132·5)	131·7 (112·6–152·0)	181·3 (155·5–207·6)	264·3 (227·7–299·0)	366·1 (318·2–410·8)	522·5 (460·4–584·7)	1,179·5 (1,041·4–1,289·7)
HIV/AIDS and tuberculosis	51·2 (41·1–62·2)	47·4 (35·4–59·2)	54·4 (40·0–68·8)	68·3 (51·2–86·5)	74·6 (55·9–95·7)	80·8 (61·1–106·2)	78·8 (57·9–104·3)
Tuberculosis	27·6 (19·8–35·4)	33·2 (24·9–42·5)	45·4 (33·0–58·6)	63·1 (46·6–80·8)	72·6 (53·9–94·0)	80·8 (61·1–106·2)	78·8 (57·9–104·3)
HIV/AIDS	23·7 (18·6–30·5)	14·2 (7·8–20·9)	9·0 (3·6–17·9)	5·2 (2·0–10·9)	2·1 (1·2–3·9)	–	–
HIV disease resulting in mycobacterial infection	3·8 (2·9–5·2)	2·3 (1·1–3·5)	1·4 (0·4–3·0)	0·8 (0·2–1·8)	0·2 (0·1–0·6)	–	–
HIV disease resulting in other specified or unspecified diseases	19·9 (15·6–25·4)	11·9 (6·8–17·5)	7·6 (3·2–14·9)	4·5 (1·8–9·1)	1·9 (1·1–3·4)	–	–
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	37·3 (30·9–44·1)	50·6 (41·3–60·9)	80·6 (66·0–96·4)	130·6 (107·8–153·6)	208·9 (173·7–243·9)	334·4 (283·5–385·6)	926·1 (799·3–1,028·2)
Diarrheal diseases	10·2 (7·7–13·8)	14·5 (10·3–21·0)	26·0 (18·8–37·5)	38·7 (27·9–55·6)	58·9 (41·7–85·2)	75·5 (54·2–107·6)	134·5 (103·0–179·0)
Cholera	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·4 (0·3–0·6)	0·4 (0·2–0·6)	0·3 (0·2–0·6)	0·4 (0·2–0·6)	0·5 (0·3–0·8)
Other salmonella infections	0·7 (0·5–1·0)	0·9 (0·6–1·4)	1·4 (0·9–2·2)	1·8 (1·1–2·9)	2·6 (1·6–4·2)	3·5 (2·2–5·5)	7·4 (4·8–10·8)
Shigellosis	0·9 (0·6–1·4)	1·4 (0·9–2·1)	2·5 (1·6–4·1)	3·8 (2·4–6·0)	5·9 (3·8–9·7)	7·7 (4·9–12·4)	13·4 (8·8–20·0)
Enteropathogenic E coli infection	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·4 (0·2–0·6)	0·6 (0·4–1·1)	1·1 (0·7–1·9)	1·8 (1·1–3·0)	4·5 (2·9–6·8)
Enterotoxigenic E coli infection	1·2 (0·9–1·8)	1·7 (1·1–2·7)	2·9 (1·9–4·5)	4·2 (2·7–6·6)	6·3 (4·1–10·0)	7·8 (5·1–12·2)	13·1 (8·9–18·9)
Campylobacter enteritis	0·5 (0·3–0·8)	0·7 (0·4–1·2)	1·3 (0·8–2·1)	1·9 (1·1–3·2)	3·1 (1·9–5·4)	4·9 (2·8–8·0)	11·1 (7·0–17·1)
Amoebiasis	0·6 (0·4–1·0)	0·9 (0·6–1·6)	1·7 (1·1–2·8)	2·6 (1·6–4·2)	4·1 (2·5–6·9)	5·2 (3·1–8·7)	9·0 (5·6–14·0)
Cryptosporidiosis	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·5 (0·3–0·8)	0·7 (0·4–1·2)	1·1 (0·7–1·8)	1·4 (0·8–2·3)	2·3 (1·4–3·6)
Rotaviral enteritis	0·9 (0·6–1·3)	1·4 (0·9–2·2)	2·6 (1·6–4·1)	4·1 (2·5–6·7)	6·3 (4·0–10·5)	7·5 (4·6–12·0)	11·8 (7·8–17·6)
Other diarrheal diseases	4·7 (3·1–7·1)	6·8 (4·2–10·6)	12·3 (7·7–18·7)	18·4 (11·6–30·4)	28·1 (17·5–46·4)	35·4 (21·3–56·9)	61·4 (39·8–92·7)
Typhoid and paratyphoid fevers	1·4 (0·2–2·7)	1·2 (0·2–2·3)	1·1 (0·1–2·0)	1·3 (0·2–2·4)	1·8 (0·2–3·4)	2·3 (0·3–4·2)	2·5 (0·3–4·7)
Lower respiratory infections	19·7 (15·4–24·1)	28·1 (21·9–34·7)	45·5 (34·6–54·7)	79·4 (61·9–94·3)	134·7 (105·8–156·5)	237·9 (194·4–271·8)	766·6 (645·1–854·5)
Influenza	4·5 (3·6–5·6)	6·3 (4·9–7·8)	9·8 (7·5–11·9)	16·5 (12·9–19·8)	27·0 (21·3–31·6)	45·9 (37·4–52·6)	136·8 (114·6–153·0)
Pneumococcal pneumonia	6·2 (4·9–7·5)	9·0 (7·0–10·9)	14·8 (11·3–17·7)	26·4 (20·6–30·9)	45·1 (35·7–52·0)	81·1 (67·0–92·1)	280·7 (235·6–313·0)

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Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
H influenzae type B pneumonia	2·8 (2·2–3·4)	3·7 (2·9–4·5)	5·4 (4·1–6·5)	8·5 (6·7–10·2)	12·9 (10·2–15·1)	20·3 (16·4–23·3)	49·7 (41·8–56·0)
Respiratory syncytial virus pneumonia	0·2 (0·2–0·2)	0·3 (0·2–0·3)	0·5 (0·3–0·5)	0·8 (0·6–0·9)	1·3 (1·1–1·6)	2·4 (1·9–2·7)	7·7 (6·5–8·5)
Other lower respiratory infections	6·0 (4·6–7·6)	8·9 (6·8–11·3)	15·1 (11·3–18·4)	27·2 (21·0–32·8)	48·3 (37·5–56·6)	88·2 (71·1–101·7)	291·7 (247·0–331·3)
Upper respiratory infections	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·2–0·3)	0·6 (0·5–0·7)
Otitis media	<0·05 (0·0–1·4)	<0·05 (0·0–0·9)	<0·05 (0·0–0·9)	<0·05 (0·0–0·8)	0·1 (0·0–0·6)	0·1 (0·0–0·7)	0·1 (0·0–1·0)
Meningitis	4·0 (2·8–5·3)	4·4 (3·1–6·0)	5·7 (4·0–7·8)	7·9 (5·6–10·9)	9·4 (7·0–13·4)	13·0 (8·5–21·0)	14·9 (9·9–22·8)
Pneumococcal meningitis	1·4 (0·9–1·9)	1·5 (1·0–2·2)	1·8 (1·2–2·5)	2·5 (1·7–3·5)	2·7 (2·0–4·0)	3·5 (2·2–5·8)	3·3 (2·0–5·5)
H influenzae type B meningitis	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·5 (0·3–0·7)	0·7 (0·5–1·0)	0·9 (0·7–1·4)	1·4 (0·9–2·4)	1·8 (1·1–3·1)
Meningococcal infection	0·8 (0·5–1·0)	0·8 (0·6–1·0)	1·0 (0·7–1·3)	1·3 (0·9–1·7)	1·5 (1·1–2·0)	1·8 (1·1–2·7)	1·6 (1·1–2·3)
Other meningitis	1·6 (1·1–2·1)	1·8 (1·3–2·5)	2·4 (1·7–3·2)	3·4 (2·4–4·7)	4·3 (3·2–6·1)	6·3 (4·2–10·0)	8·2 (5·6–12·1)
Encephalitis	1·5 (0·8–2·4)	1·6 (0·9–2·7)	1·9 (1·1–3·1)	2·5 (1·4–4·3)	3·0 (1·7–5·2)	4·4 (2·3–9·0)	5·0 (2·7–9·1)
Diphtheria	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	–	–	–	–	–
Whooping cough	<0·05 (0·0–0·6)	0·1 (0·0–0·7)	–	–	–	–	–
Tetanus	0·4 (0·0–1·4)	0·5 (0·0–2·1)	0·4 (0·0–1·4)	0·5 (0·0–2·2)	0·7 (0·0–2·8)	0·8 (0·0–3·2)	0·7 (0·0–2·8)
Measles	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	–	–	–	–	–
Varicella	<0·05 (0·0–1·0)	<0·05 (0·0–0·9)	0·1 (0·0–0·4)	0·1 (0·0–0·6)	0·1 (0·0–0·9)	0·3 (0·0–2·1)	1·2 (0·0–8·2)
Neglected tropical diseases and malaria	10·8 (7·4–16·2)	13·0 (8·6–19·8)	16·7 (11·8–24·3)	22·0 (15·4–32·6)	26·3 (18·0–39·2)	29·8 (20·0–46·8)	36·2 (24·0–54·9)
Malaria	8·6 (5·4–13·9)	10·3 (6·1–16·9)	13·5 (9·0–20·3)	18·0 (11·8–27·5)	21·3 (13·5–33·6)	23·6 (14·6–38·7)	28·0 (16·7–45·8)
Chagas disease	0·2 (0·1–0·9)	0·4 (0·1–1·1)	0·5 (0·2–1·6)	0·7 (0·2–2·1)	0·9 (0·3–2·4)	1·1 (0·4–3·2)	1·8 (0·8–4·8)
Leishmaniasis	0·6 (0·4–0·9)	0·6 (0·4–0·9)	0·6 (0·4–0·9)	0·7 (0·4–1·0)	0·7 (0·5–1·1)	0·8 (0·5–1·2)	0·8 (0·5–1·2)
African trypanosomiasis	0·1 (0·0–0·3)	0·1 (0·0–0·2)	<0·05 (0·0–0·3)	<0·05 (0·0–0·2)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Schistosomiasis	0·3 (0·0–1·8)	0·5 (0·0–2·7)	0·6 (0·0–3·5)	0·7 (0·0–4·4)	0·9 (0·0–5·7)	1·2 (0·0–7·4)	1·1 (0·0–6·3)
Cysticercosis	<0·05 (0·0–0·3)	<0·05 (0·0–0·4)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	0·1 (0·0–0·2)

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Echinococcosis	<0·05 (0·0–0·3)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	0·1 (0·0–0·2)	0·1 (0·0–0·4)	0·1 (0·0–0·5)	0·2 (0·0–0·7)
Dengue	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·5)	0·3 (0·1–0·5)	0·3 (0·1–0·6)	0·4 (0·2–0·8)	1·1 (0·4–1·9)
Rabies	0·4 (0·2–0·7)	0·5 (0·2–1·0)	0·6 (0·3–1·1)	0·7 (0·3–1·4)	0·7 (0·3–1·3)	0·6 (0·3–1·2)	0·4 (0·2–0·8)
Intestinal nematode infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)
Ascariasis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)
Other neglected tropical diseases	0·3 (0·2–0·5)	0·4 (0·2–0·7)	0·6 (0·3–0·9)	0·8 (0·4–1·4)	1·2 (0·7–2·1)	1·8 (0·8–3·2)	2·7 (1·2–6·1)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	4·7 (3·4–6·6)	6·6 (4·7–9·4)	11·3 (8·1–16·4)	17·8 (12·7–24·8)	27·3 (19·5–38·7)	41·6 (29·1–60·2)	98·3 (68·6–130·2)
Protein-energy malnutrition	4·0 (2·7–5·6)	5·6 (3·8–8·3)	9·8 (6·6–14·3)	15·2 (10·7–21·5)	23·4 (15·6–35·4)	35·5 (24·6–52·7)	78·5 (52·0–108·7)
Iodine deficiency	<0·05 (0·0–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·2 (0·1–0·2)	0·8 (0·5–0·9)
Iron-deficiency anemia	0·6 (0·4–0·7)	0·8 (0·6–1·0)	1·3 (0·9–1·6)	2·2 (1·5–2·7)	3·1 (2·2–3·9)	4·8 (3·5–6·0)	14·3 (9·4–16·8)
Other nutritional deficiencies	0·1 (0·1–0·1)	0·2 (0·1–0·2)	0·2 (0·2–0·3)	0·4 (0·3–0·4)	0·6 (0·4–0·8)	1·2 (0·8–1·4)	4·8 (3·0–5·8)

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Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Other communicable, maternal, neonatal, and nutritional disorders	11·5 (8·2–17·6)	14·1 (10·4–19·9)	18·2 (14·2–24·5)	25·7 (19·4–34·4)	29·0 (21·5–38·7)	35·9 (26·9–46·0)	40·1 (30·2–51·2)
Sexually transmitted diseases excluding HIV	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·5 (0·3–0·7)	0·7 (0·5–0·9)	1·0 (0·7–1·3)
Syphilis	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·4 (0·3–0·5)	0·4 (0·3–0·6)
Sexually transmitted chlamydial diseases	<0·05 (0·1–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)
Gonococcal infection	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)
Other sexually transmitted diseases	0·1 (0·0–0·1)	<0·05 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·5)
Hepatitis	8·2 (5·3–14·3)	9·8 (6·5–15·1)	11·3 (7·9–17·1)	13·9 (9·5–20·9)	15·0 (10·5–22·6)	15·1 (10·9–21·6)	12·0 (9·0–16·8)
Acute hepatitis A	2·9 (1·0–8·1)	3·5 (1·3–8·7)	4·1 (1·8–10·4)	5·3 (2·2–13·2)	5·4 (2·4–12·7)	5·5 (2·3–13·7)	4·6 (1·8–11·3)
Acute hepatitis B	4·6 (2·7–8·6)	5·6 (3·2–9·6)	6·3 (3·7–10·2)	7·6 (4·7–12·4)	8·3 (4·9–13·9)	8·3 (5·4–12·3)	6·4 (4·1–9·3)
Acute hepatitis C	0·6 (0·3–1·0)	0·6 (0·4–1·0)	0·8 (0·5–1·3)	1·0 (0·6–1·6)	1·2 (0·7–2·0)	1·2 (0·8–1·9)	1·0 (0·6–1·4)
Acute hepatitis E	0·2 (0·0–0·4)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	<0·05 (0·0–0·1)
Other infectious diseases	3·1 (2·0–4·5)	4·2 (2·7–6·0)	6·7 (4·3–9·4)	11·4 (7·3–16·8)	13·5 (8·2–20·3)	20·1 (12·2–28·9)	27·1 (17·9–37·9)
Non-communicable diseases	501·3 (472·6–527·8)	794·5 (747·5–832·8)	1,246·0 (1,180·3–1,298·0)	1,938·9 (1,835·3–2,011·4)	3,037·9 (2,892·9–3,141·3)	4,642·6 (4,440·3–4,776·3)	9,968·1 (9,708·5–10,138·0)
Neoplasms	169·7 (156·6–182·5)	270·3 (247·1–290·9)	395·3 (360·3–421·4)	549·6 (506·6–586·0)	748·9 (682·1–798·5)	975·9 (882·3–1,038·3)	1,420·0 (1,289·3–1,507·0)
Esophageal cancer	9·8 (6·6–12·5)	16·7 (11·1–21·3)	24·8 (16·6–32·8)	32·8 (22·9–42·6)	40·2 (28·3–51·4)	46·6 (33·2–59·4)	51·6 (37·5–65·0)
Stomach cancer	14·4 (10·5–19·0)	24·9 (17·1–32·7)	38·0 (26·3–49·2)	55·9 (41·7–73·9)	79·5 (59·4–106·6)	102·1 (75·7–134·5)	136·9 (101·5–185·5)
Liver cancer	20·2 (16·2–25·3)	31·7 (25·5–40·6)	40·7 (32·6–49·2)	52·4 (43·0–61·6)	64·8 (51·8–76·6)	78·5 (62·4–90·4)	88·1 (66·5–100·6)
Liver cancer secondary to hepatitis B	9·7 (7·5–12·5)	15·4 (12·1–20·3)	19·3 (15·3–24·0)	24·3 (19·8–28·9)	28·7 (22·6–34·3)	33·2 (25·7–39·1)	32·8 (23·8–39·0)
Liver cancer secondary to hepatitis C	4·0 (3·2–4·9)	7·4 (6·1–9·2)	11·3 (9·3–13·6)	16·2 (13·5–18·7)	20·7 (16·8–23·9)	26·1 (21·0–29·9)	32·2 (24·8–36·4)
Liver cancer secondary to alcohol use	4·1 (3·3–5·1)	6·1 (5·0–7·7)	7·5 (6·0–9·0)	9·4 (7·7–11·1)	12·3 (9·8–14·3)	15·6 (12·3–18·0)	19·4 (14·8–22·1)
Other liver cancer	2·4 (1·9–3·0)	2·9 (2·3–3·6)	2·6 (2·2–3·2)	2·5 (2·1–3·0)	3·0 (2·4–3·6)	3·6 (2·8–4·2)	3·8 (2·9–4·3)
Larynx cancer	2·9 (1·5–5·2)	4·2 (2·1–7·1)	6·1 (3·1–10·1)	7·8 (4·0–12·9)	9·8 (5·1–15·8)	10·5 (5·3–17·5)	11·3 (6·1–18·1)
Trachea, bronchus and lung cancers	30·2 (23·1–38·3)	54·8 (41·5–66·7)	87·0 (65·3–105·9)	125·4 (91·9–148·2)	170·0 (120·8–200·7)	214·8 (147·5–251·6)	242·6 (163·5–277·4)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Breast cancer	14·0 (13·1–15·0)	18·2 (17·1–19·6)	21·0 (19·8–22·5)	23·9 (22·3–25·6)	29·2 (27·3–31·2)	36·1 (33·7–38·9)	70·4 (64·3–76·6)
Cervical cancer	8·0 (4·7–10·9)	9·6 (5·8–13·5)	11·7 (6·8–16·4)	13·2 (8·0–19·3)	15·6 (10·2–23·2)	15·5 (10·0–23·8)	20·6 (13·7–31·8)
Uterine cancer	1·1 (0·5–1·6)	2·0 (0·9–2·8)	3·0 (1·4–4·5)	4·3 (2·0–6·6)	5·8 (2·7–9·1)	7·3 (3·3–11·1)	12·4 (5·7–19·7)
Prostate cancer	0·8 (0·4–1·2)	2·2 (1·1–3·4)	6·0 (2·9–9·2)	13·3 (6·8–20·6)	27·0 (13·8–42·4)	50·1 (26·9–77·8)	112·5 (61·7–182·9)
Colon and rectum cancers	11·4 (9·8–13·6)	19·2 (16·7–22·4)	30·7 (27·0–36·0)	46·3 (40·6–53·9)	71·5 (61·5–84·8)	103·2 (88·8–120·1)	183·9 (151·9–214·3)
Mouth cancer	3·8 (3·2–4·5)	5·2 (4·2–6·1)	6·9 (5·8–8·0)	8·3 (7·0–9·7)	9·6 (7·8–11·1)	10·7 (8·6–12·3)	16·8 (13·1–19·5)
Nasopharynx cancer	2·1 (1·2–3·5)	2·9 (1·8–4·8)	3·5 (2·0–5·5)	3·8 (2·3–5·8)	4·0 (2·5–5·8)	4·1 (2·5–6·3)	3·8 (2·4–5·6)
Cancer of other part of pharynx and oropharynx	3·7 (2·2–5·0)	5·1 (2·9–6·7)	6·5 (3·7–8·9)	7·5 (4·1–10·0)	8·3 (4·7–11·2)	8·2 (4·8–10·9)	8·1 (5·1–10·8)
Gallbladder and biliary tract cancer	2·5 (1·5–3·6)	4·3 (2·6–5·9)	6·8 (4·4–9·3)	10·5 (7·0–14·9)	15·2 (10·1–21·9)	21·4 (14·6–30·3)	36·5 (23·3–53·7)
Pancreatic cancer	5·4 (4·0–7·0)	9·8 (7·3–12·7)	15·7 (11·6–20·3)	22·9 (16·9–28·8)	32·9 (24·4–42·5)	43·9 (31·9–56·6)	67·1 (48·5–92·1)
Malignant melanoma of skin	1·1 (0·7–1·7)	1·5 (1·0–2·3)	2·2 (1·3–3·2)	2·9 (1·7–4·2)	4·0 (2·3–5·9)	5·6 (3·1–8·3)	10·4 (5·9–14·6)
Non-melanoma skin cancer	0·4 (0·2–0·6)	0·6 (0·3–1·0)	0·9 (0·5–1·5)	1·4 (0·8–2·3)	2·2 (1·3–3·5)	3·7 (2·2–5·8)	12·0 (6·7–18·8)
Ovarian cancer	5·0 (3·6–6·8)	6·6 (4·7–8·8)	8·7 (6·1–11·3)	10·5 (7·4–14·0)	12·4 (8·3–16·0)	14·4 (9·4–18·4)	21·6 (14·9–28·3)
Testicular cancer	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·4)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·7 (0·3–1·1)
Kidney and other urinary organ cancers	3·3 (2·4–4·6)	5·5 (4·1–7·8)	8·2 (6·2–11·8)	11·5 (8·6–16·4)	15·7 (11·5–21·9)	21·1 (14·9–28·5)	31·2 (22·4–45·2)
Bladder cancer	1·9 (1·5–2·4)	3·6 (2·7–4·4)	6·7 (4·9–8·2)	10·9 (8·1–12·9)	18·4 (13·8–22·0)	28·1 (21·2–33·5)	53·1 (41·1–61·4)
Brain and nervous system cancers	5·1 (3·2–6·8)	7·1 (4·2–9·4)	9·5 (5·7–12·5)	11·8 (7·1–15·5)	13·9 (8·0–18·9)	16·1 (8·5–22·4)	19·6 (9·1–27·0)
Thyroid cancer	0·7 (0·5–0·9)	1·2 (0·8–1·5)	1·7 (1·2–2·2)	2·6 (1·9–3·2)	3·7 (2·7–4·7)	4·8 (3·3–6·1)	6·7 (4·6–8·6)
Hodgkin's disease	0·4 (0·2–0·5)	0·4 (0·3–0·7)	0·6 (0·4–0·9)	0·8 (0·5–1·2)	1·1 (0·7–1·6)	1·3 (0·8–1·9)	1·8 (1·1–2·7)
Non-Hodgkin's lymphoma	3·8 (3·0–4·3)	5·8 (4·6–6·6)	8·9 (7·2–10·2)	12·5 (10·2–14·1)	17·2 (13·5–19·5)	23·4 (18·2–26·5)	36·6 (26·8–43·1)
Multiple myeloma	1·2 (0·7–1·7)	2·1 (1·4–3·0)	3·7 (2·3–5·2)	5·5 (3·4–8·1)	7·9 (5·0–11·0)	10·7 (6·7–15·2)	17·0 (10·9–24·1)
Leukemia	4·3 (3·3–5·2)	6·2 (4·9–7·7)	9·1 (7·1–10·8)	12·9 (10·0–15·5)	18·8 (14·3–22·2)	26·4 (18·8–30·6)	44·5 (31·1–53·2)
Other neoplasms	12·2 (8·4–16·6)	18·5 (12·8–24·2)	26·7 (18·7–34·6)	37·4 (26·0–49·3)	49·9 (35·1–63·7)	66·7 (45·0–85·4)	101·9 (71·4–130·8)

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Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Cardiovascular and circulatory diseases	184·1 (167·1–198·5)	300·3 (272·7–319·0)	492·4 (449·4–521·0)	813·2 (746·7–861·1)	1,403·5 (1,293·3–1,472·6)	2,308·4 (2,153·3–2,418·8)	5,632·3 (5,328·0–5,957·7)
Rheumatic heart disease	6·2 (5·0–7·7)	8·9 (7·1–11·0)	12·1 (9·8–14·5)	17·5 (14·9–20·4)	25·4 (21·9–29·2)	36·1 (31·1–40·5)	80·4 (70·8–87·4)
Ischemic heart disease	89·3 (78·0–99·4)	143·7 (125·5–157·3)	228·1 (203·4–249·2)	364·3 (327·8–393·4)	625·6 (574·1–671·8)	995·7 (925·1–1,069·7)	2,564·5 (2,433·3–2,754·5)
Cerebrovascular disease	60·3 (50·8–66·9)	103·7 (88·1–116·4)	180·5 (154·3–199·7)	313·4 (269·2–344·3)	562·9 (493·5–620·4)	956·8 (838·4–1,045·6)	2,137·7 (1,937·6–2,388·6)
Ischemic stroke	11·2 (10·0–13·6)	23·4 (20·8–28·9)	57·3 (50·7–72·3)	110·8 (98·9–138·8)	250·4 (226·9–299·1)	484·3 (442·3–568·3)	1,424·3 (1,328·0–1,607·4)
Hemorrhagic and other non-ischemic stroke	49·1 (41·5–57·2)	80·3 (67·9–93·1)	123·2 (103·9–146·1)	202·6 (171·4–238·1)	312·5 (267·0–369·4)	472·5 (403·6–550·8)	713·4 (624·9–824·7)
Hypertensive heart disease	10·2 (8·3–12·6)	16·3 (13·4–20·0)	28·1 (22·9–34·8)	49·2 (39·0–60·3)	78·8 (63·4–99·4)	130·4 (104·6–163·1)	315·8 (247·2–406·0)
Cardiomyopathy and myocarditis	7·8 (6·6–9·5)	10·4 (8·9–12·2)	14·3 (12·2–16·7)	19·8 (17·1–23·3)	27·4 (23·6–31·7)	40·7 (36·0–46·5)	95·4 (85·5–106·3)
Atrial fibrillation and flutter	0·3 (0·2–0·5)	0·6 (0·4–0·9)	1·4 (1·0–2·1)	2·8 (2·1–4·0)	6·4 (4·7–9·1)	14·9 (11·4–20·4)	74·1 (58·8–96·1)
Aortic aneurysm	1·8 (1·2–2·9)	3·3 (2·3–5·0)	6·3 (4·4–9·1)	11·5 (7·9–17·3)	20·0 (14·1–29·2)	32·2 (22·6–46·8)	65·3 (48·4–87·0)
Peripheral vascular disease	0·3 (0·1–0·4)	0·5 (0·3–0·8)	0·9 (0·6–1·7)	1·7 (1·0–2·9)	3·3 (2·0–5·5)	6·5 (3·9–10·7)	28·7 (18·3–43·1)
Endocarditis	0·7 (0·5–0·9)	1·0 (0·8–1·3)	1·4 (1·1–1·8)	2·0 (1·6–2·5)	2·8 (2·3–3·4)	4·5 (3·7–5·5)	10·7 (8·6–12·9)
Other cardiovascular and circulatory diseases	7·0 (6·4–7·8)	11·9 (10·9–13·0)	19·1 (17·8–20·7)	31·0 (28·6–33·7)	51·0 (47·6–54·7)	90·6 (84·9–97·0)	259·8 (247·9–272·2)
Chronic respiratory diseases	32·2 (27·9–37·7)	63·1 (55·5–73·3)	124·8 (112·4–141·1)	236·3 (213·1–260·6)	396·8 (366·8–433·1)	625·3 (583·0–670·2)	1,224·3 (1,159·6–1,291·4)
Chronic obstructive pulmonary disease	21·4 (17·3–26·8)	45·5 (37·4–56·2)	94·6 (80·2–114·1)	186·1 (159·5–218·5)	319·5 (280·8–371·2)	509·1 (454·5–580·2)	994·7 (913·8–1,099·5)
Pneumoconiosis	1·2 (0·6–2·2)	2·1 (1·2–3·7)	4·3 (2·4–7·9)	7·9 (4·4–14·6)	12·8 (7·3–22·1)	18·7 (11·3–31·8)	43·2 (26·7–74·9)
Asthma	5·3 (3·8–9·2)	8·5 (6·2–14·3)	13·7 (10·3–21·9)	22·4 (17·1–34·8)	32·9 (25·3–50·5)	45·5 (35·6–67·6)	68·5 (55·2–101·3)
Other interstitial lung disease	1·2 (0·8–1·8)	2·2 (1·4–3·2)	4·3 (2·7–6·5)	7·1 (4·7–10·3)	11·5 (7·3–16·3)	18·6 (11·9–25·8)	36·0 (21·4–50·5)
Other chronic respiratory diseases	3·1 (2·3–4·4)	4·8 (3·5–6·8)	7·9 (5·7–11·5)	12·7 (9·4–17·5)	20·2 (14·5–28·1)	33·4 (25·5–42·8)	82·0 (62·9–104·9)
Cirrhosis of the liver	33·1 (26·5–38·4)	41·7 (34·6–49·3)	51·6 (41·6–59·6)	59·5 (49·6–69·1)	67·8 (56·2–78·1)	74·7 (64·5–87·8)	94·3 (81·8–114·3)
Cirrhosis of the liver secondary to hepatitis B	9·9 (8·0–12·3)	13·4 (11·1–17·2)	17·5 (14·8–21·7)	20·7 (17·6–25·6)	23·2 (19·8–28·4)	24·3 (21·0–29·6)	25·5 (22·5–32·2)
Cirrhosis of the liver secondary to hepatitis C	8·4 (6·7–9·8)	11·8 (9·6–14·1)	16·2 (13·6–18·8)	19·8 (16·9–22·9)	23·0 (19·4–26·8)	26·2 (22·5–30·0)	36·3 (32·4–43·0)
Cirrhosis of the liver secondary to alcohol use	10·1 (7·5–12·1)	11·6 (9·0–14·4)	13·1 (10·2–15·8)	14·3 (11·5–17·4)	16·3 (13·1–19·9)	18·3 (15·4–22·3)	24·9 (21·2–30·5)

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Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Other cirrhosis of the liver	4·7 (3·7–5·6)	4·9 (4·0–5·8)	4·8 (4·0–5·6)	4·6 (3·8–5·4)	5·3 (4·4–6·2)	5·9 (5·1–7·0)	7·6 (6·6–9·0)
Digestive diseases (except cirrhosis)	17·6 (14·5–21·0)	23·0 (19·3–26·6)	36·4 (31·2–41·4)	53·0 (45·7–59·6)	81·5 (70·4–92·4)	129·1 (113·3–144·7)	303·9 (275·3–332·4)
Peptic ulcer disease	5·1 (3·9–6·8)	5·5 (4·4–7·2)	8·8 (6·9–11·1)	12·4 (10·2–15·8)	18·1 (14·3–23·2)	27·1 (22·2–34·2)	53·5 (44·9–65·8)
Gastritis and duodenitis	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·4 (0·3–0·6)	0·6 (0·5–0·9)	1·0 (0·7–1·3)	1·6 (1·2–2·1)	4·3 (3·3–6·0)
Appendicitis	0·5 (0·3–0·7)	0·7 (0·4–1·0)	1·1 (0·6–1·6)	1·5 (0·9–2·3)	2·2 (1·2–3·2)	3·0 (1·6–4·2)	5·2 (2·9–6·7)
Paralytic ileus and intestinal obstruction without hernia	2·0 (1·4–2·9)	2·8 (2·0–4·1)	4·4 (3·2–6·2)	6·4 (4·6–8·7)	10·5 (7·6–14·4)	17·4 (12·7–23·8)	43·3 (30·6–54·9)
Inguinal or femoral hernia	0·2 (0·2–0·2)	0·3 (0·3–0·3)	0·5 (0·5–0·5)	0·8 (0·7–0·8)	1·4 (1·3–1·4)	2·4 (2·3–2·4)	6·2 (5·9–6·3)
Noninfective inflammatory bowel disease	0·4 (0·3–0·5)	0·6 (0·4–0·7)	0·8 (0·6–1·1)	1·2 (0·8–1·6)	1·8 (1·3–2·4)	3·1 (2·2–4·0)	9·4 (6·6–11·8)
Vascular disorders of intestine	0·5 (0·2–1·3)	0·9 (0·4–2·3)	1·8 (0·8–4·2)	3·3 (1·6–7·8)	6·3 (3·2–13·4)	11·4 (6·0–23·9)	32·6 (19·0–60·2)
Gall bladder and bile duct disease	1·0 (0·8–1·3)	1·5 (1·2–2·0)	2·5 (2·0–3·2)	4·0 (3·1–5·3)	6·6 (5·2–8·5)	11·5 (8·8–14·9)	32·6 (24·6–41·4)
Pancreatitis	1·8 (1·3–2·4)	2·1 (1·5–2·8)	2·8 (2·0–3·5)	3·5 (2·6–4·5)	5·0 (3·8–6·3)	7·2 (5·3–9·0)	13·5 (9·7–16·5)
Other digestive diseases	5·9 (4·3–8·2)	8·3 (6·5–11·6)	13·3 (10·1–18·5)	19·2 (14·8–25·9)	28·7 (22·4–38·7)	44·5 (35·1–60·3)	103·3 (80·5–141·2)
Neurological disorders	12·9 (9·3–19·6)	17·8 (12·7–26·9)	26·5 (18·4–40·2)	42·7 (30·5–63·0)	70·9 (54·0–100·2)	134·5 (107·7–169·6)	485·1 (328·1–584·6)
Alzheimer's disease and other dementias	0·8 (0·6–1·1)	1·5 (1·1–2·1)	3·4 (2·6–4·7)	7·6 (5·8–10·5)	19·8 (14·8–26·6)	57·0 (42·2–71·7)	346·3 (203·4–438·5)
Parkinson's disease	0·3 (0·2–0·4)	0·6 (0·5–0·9)	1·5 (1·1–2·2)	4·0 (3·0–5·6)	9·6 (7·2–12·9)	21·2 (15·3–27·6)	57·6 (39·3–72·8)
Epilepsy	2·5 (1·6–3·0)	2·6 (1·7–3·2)	2·9 (1·9–3·6)	4·2 (2·7–5·3)	5·0 (3·0–6·4)	7·0 (4·0–9·1)	14·3 (8·2–19·8)
Multiple sclerosis	0·6 (0·5–0·8)	0·8 (0·6–1·0)	0·9 (0·6–1·2)	0·9 (0·7–1·2)	1·1 (0·7–1·4)	1·2 (0·8–1·6)	1·3 (0·8–1·7)
Other neurological disorders	8·8 (5·3–15·5)	12·3 (7·3–21·2)	17·7 (10·1–31·5)	26·0 (14·1–46·1)	35·5 (19·5–65·1)	48·1 (28·4–81·5)	65·6 (38·1–109·1)
Mental and behavioral disorders	7·4 (4·9–11·1)	7·5 (5·2–11·5)	7·3 (5·1–11·0)	7·2 (5·1–10·9)	8·0 (6·2–12·1)	9·3 (7·4–13·4)	17·9 (13·9–25·2)
Schizophrenia	0·5 (0·3–0·6)	0·6 (0·5–0·8)	0·6 (0·5–0·9)	0·9 (0·6–1·2)	1·1 (0·8–1·5)	1·5 (1·1–2·2)	2·6 (1·9–3·5)
Alcohol use disorders	5·0 (2·8–8·8)	5·1 (2·9–8·9)	4·9 (2·7–8·6)	4·3 (2·4–7·6)	4·0 (2·5–7·5)	3·5 (2·1–6·6)	3·4 (2·1–6·3)
Drug use disorders	1·7 (0·9–2·8)	1·3 (0·7–2·1)	1·2 (0·7–2·1)	1·2 (0·8–2·1)	1·6 (1·1–3·3)	2·0 (1·3–3·9)	3·7 (2·4–7·1)
Opioid use disorders	1·0 (0·5–1·6)	0·7 (0·4–1·2)	0·6 (0·4–1·2)	0·6 (0·4–1·1)	0·8 (0·6–1·7)	1·1 (0·7–2·1)	2·0 (1·3–3·7)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Cocaine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·7 (0·4–1·2)	0·6 (0·3–0·9)	0·5 (0·3–0·9)	0·5 (0·4–0·9)	0·7 (0·5–1·5)	0·9 (0·6–1·7)	1·7 (1·1–3·2)
Eating disorders	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·3 (0·2–0·4)	0·5 (0·3–0·8)	2·6 (1·4–4·2)
Other mental and behavioral disorders	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·4 (0·2–0·6)	0·6 (0·3–1·0)	1·0 (0·6–1·4)	1·8 (1·1–2·6)	5·7 (3·2–9·2)
Diabetes, urogenital, blood, and endocrine diseases	38·9 (34·3–43·9)	62·7 (55·0–69·3)	100·0 (87·1–109·2)	160·3 (142·3–174·3)	232·8 (204·6–252·9)	340·9 (302·3–370·7)	687·0 (618·5–764·4)
Diabetes mellitus	19·3 (15·8–21·6)	33·3 (27·1–37·5)	55·7 (45·6–61·4)	92·3 (76·4–101·6)	133·8 (108·9–146·2)	186·6 (151·5–201·7)	300·0 (252·9–324·9)
Acute glomerulonephritis	1·5 (0·5–4·6)	1·8 (0·7–4·8)	2·4 (1·0–6·3)	3·4 (1·4–9·1)	4·4 (1·9–10·2)	5·3 (2·3–13·6)	6·4 (2·5–16·3)
Chronic kidney diseases	11·3 (9·4–12·9)	17·7 (14·4–20·2)	26·3 (21·4–29·9)	40·0 (32·9–46·4)	55·8 (45·2–63·6)	84·6 (69·7–94·9)	201·8 (162·3–233·7)
Chronic kidney disease due to diabetes mellitus	3·2 (2·6–3·7)	5·7 (4·6–6·7)	9·7 (7·8–11·3)	13·1 (10·6–15·6)	15·6 (12·5–18·2)	20·1 (16·3–23·0)	41·7 (32·4–49·9)
Chronic kidney disease due to hypertension	2·6 (2·2–3·0)	3·9 (3·2–4·5)	5·5 (4·5–6·3)	9·0 (7·5–10·4)	13·5 (11·0–15·4)	21·8 (18·1–24·5)	54·1 (44·2–62·5)
Chronic kidney disease unspecified	5·5 (4·6–6·4)	8·1 (6·5–9·3)	11·1 (9·0–12·8)	17·8 (14·6–20·8)	26·6 (21·7–30·6)	42·7 (35·0–48·4)	106·0 (84·4–121·2)
Urinary diseases and male infertility	2·7 (2·0–3·6)	4·2 (3·0–5·3)	6·9 (5·2–9·1)	11·7 (8·7–15·3)	20·1 (14·7–26·2)	34·4 (26·3–46·0)	103·0 (77·2–135·2)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	1·5 (0·9–2·0)	2·2 (1·5–3·0)	3·7 (2·5–5·0)	6·4 (4·1–8·3)	11·5 (7·6–15·3)	20·9 (13·7–27·2)	72·5 (44·5–93·3)
Urolithiasis	0·3 (0·2–0·4)	0·4 (0·2–0·8)	0·6 (0·4–1·1)	1·0 (0·6–1·7)	1·6 (0·9–2·6)	2·6 (1·4–4·2)	5·4 (2·8–9·2)
Other urinary diseases	1·0 (0·7–1·4)	1·5 (1·0–2·0)	2·5 (1·8–3·5)	4·3 (3·1–6·0)	7·0 (4·8–9·5)	10·8 (8·0–15·2)	25·1 (18·6–35·0)
Gynecological diseases	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·2 (0·2–0·2)	0·2 (0·2–0·2)	0·3 (0·3–0·3)	0·5 (0·5–0·6)	1·4 (1·3–1·5)
Uterine fibroids	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·1–0·1)
Endometriosis	<0·05 (0·0–0·05)	–	–	–	–	–	–
Genital prolapse	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·0–0·1)	0·2 (0·1–0·2)
Other gynecological diseases	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·2 (0·2–0·2)	0·3 (0·3–0·3)	0·4 (0·4–0·5)	1·1 (1·0–1·2)
Hemoglobinopathies and hemolytic anemias	0·8 (0·6–1·2)	1·2 (0·9–1·8)	1·9 (1·3–2·8)	2·9 (2·1–4·4)	4·7 (3·4–6·8)	8·1 (5·6–12·2)	17·2 (12·4–25·0)
Thalassemias	0·2 (0·2–0·3)	0·2 (0·2–0·3)	0·2 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·0–0·1)	<0·05 (0·0–0·05)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Sickle cell disorders	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·2–0·3)	0·3 (0·2–0·4)	0·2 (0·2–0·3)	0·2 (0·2–0·3)	0·1 (0·1–0·2)
G6PD deficiency	<0·05 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·2 (0·2–0·2)	0·4 (0·3–0·4)	0·8 (0·7–1·0)
Other hemoglobinopathies and hemolytic anemias	0·4 (0·2–0·6)	0·7 (0·4–1·2)	1·4 (0·8–2·1)	2·4 (1·5–3·7)	4·2 (2·6–6·2)	7·5 (4·5–11·3)	16·2 (10·8–23·9)
Other endocrine, nutritional, blood, and immune disorders	3·1 (1·9–5·6)	4·4 (2·5–7·7)	6·7 (4·0–12·3)	9·7 (5·8–17·8)	13·6 (8·5–24·6)	21·4 (14·0–41·9)	57·3 (37·0–111·6)
Musculoskeletal disorders	2·2 (1·6–3·3)	3·4 (2·3–5·0)	4·7 (3·4–6·9)	6·9 (4·9–10·6)	11·0 (7·8–15·6)	19·1 (13·5–26·6)	42·1 (28·4–60·9)
Rheumatoid arthritis	0·7 (0·5–1·1)	1·2 (0·9–1·9)	1·8 (1·3–2·6)	2·8 (2·0–4·0)	4·6 (3·3–6·7)	8·1 (5·6–12·0)	11·7 (8·6–16·7)
Other musculoskeletal disorders	1·6 (1·2–2·3)	2·2 (1·7–3·2)	2·9 (2·3–4·4)	4·1 (3·2–6·0)	6·4 (4·8–9·6)	11·0 (8·6–15·5)	30·4 (22·9–39·7)
Other non-communicable diseases	3·2 (2·5–3·9)	4·7 (3·5–5·7)	7·1 (5·1–8·8)	10·4 (7·4–12·9)	16·7 (12·2–20·2)	25·5 (18·5–31·7)	61·1 (45·6–71·2)
Congenital anomalies	1·8 (1·4–2·4)	2·9 (2·0–3·8)	4·3 (2·9–5·7)	6·2 (4·1–8·3)	9·9 (6·3–12·8)	14·0 (8·5–19·2)	30·8 (20·7–38·9)
Neural tube defects	0·1 (0·0–0·3)	0·2 (0·1–0·5)	0·3 (0·1–0·5)	0·4 (0·1–0·8)	0·7 (0·2–1·3)	0·8 (0·2–1·7)	0·9 (0·3–1·9)
Congenital heart anomalies	0·7 (0·5–0·9)	1·0 (0·7–1·4)	1·6 (1·1–2·3)	2·7 (1·7–3·8)	4·7 (3·0–6·7)	7·3 (4·5–10·9)	20·0 (14·4–27·5)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	0·3 (0·2–0·4)	0·4 (0·2–0·5)	0·4 (0·3–0·6)	0·3 (0·2–0·5)	0·1 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·1–0·2)
Other chromosomal abnormalities	<0·05 (0·1–0·3)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·0–1·2)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·3 (0·1–0·8)
Other congenital anomalies	0·8 (0·5–1·3)	1·2 (0·8–2·0)	1·9 (1·2–3·3)	2·6 (1·5–4·3)	4·2 (2·5–7·0)	5·6 (3·3–9·8)	9·4 (5·2–15·7)
Skin and subcutaneous diseases	1·4 (0·9–1·8)	1·8 (1·3–2·4)	2·8 (1·9–3·6)	4·2 (2·9–5·3)	6·9 (5·0–8·7)	11·6 (8·7–14·5)	30·3 (22·8–36·2)
Cellulitis	0·5 (0·3–0·6)	0·6 (0·4–0·8)	0·9 (0·6–1·2)	1·2 (0·8–1·5)	1·6 (1·2–2·0)	2·3 (1·7–2·8)	4·3 (3·2–5·1)
Abscess, impetigo, and other bacterial skin diseases	0·6 (0·4–0·7)	0·7 (0·5–1·0)	1·0 (0·7–1·4)	1·4 (1·0–1·8)	2·1 (1·6–2·7)	3·2 (2·4–4·0)	7·0 (5·3–8·3)
Decubitus ulcer	0·3 (0·2–0·4)	0·5 (0·3–0·6)	0·8 (0·6–1·1)	1·5 (1·1–2·0)	3·1 (2·3–3·9)	6·1 (4·5–7·6)	18·9 (14·2–22·5)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	88·3 (77·2–102·4)	92·1 (80·0–105·7)	101·4 (88·4–113·9)	118·7 (101·7–133·4)	146·1 (127·1–161·6)	194·0 (170·4–215·0)	391·0 (340·1–427·5)
Transport injuries	26·1 (19·4–36·6)	27·8 (20·5–38·3)	29·4 (22·0–40·1)	34·3 (25·5–46·8)	39·2 (30·9–52·2)	46·2 (36·4–62·2)	51·7 (42·4–69·3)

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Road injury	24·8 (18·2–34·9)	26·6 (19·2–35·8)	28·1 (20·9–37·4)	32·9 (24·8–43·4)	37·6 (28·5–50·8)	44·1 (34·3–59·0)	49·3 (40·0–66·1)
Pedestrian injury by road vehicle	8·8 (5·6–14·1)	9·5 (6·4–14·5)	10·5 (6·9–15·5)	12·5 (8·3–18·1)	14·6 (10·1–21·1)	18·0 (12·5–25·0)	21·2 (16·0–29·0)
Pedal cycle vehicle	1·6 (1·1–2·2)	1·9 (1·3–2·8)	2·2 (1·5–3·1)	2·7 (1·9–3·9)	3·5 (2·3–4·9)	4·0 (2·9–5·4)	3·9 (3·0–5·1)
Motorized vehicle with two wheels	3·7 (2·5–5·6)	3·5 (2·4–5·3)	3·5 (2·4–5·2)	3·9 (2·6–5·6)	4·0 (3·0–5·4)	4·4 (3·1–6·5)	4·3 (3·2–6·0)
Motorized vehicle with three or more wheels	8·8 (6·8–11·8)	9·3 (6·8–12·2)	9·3 (7·0–12·5)	11·2 (8·3–14·3)	12·2 (9·1–15·9)	14·3 (10·5–18·8)	16·5 (12·4–21·7)
Road injury other	1·9 (0·7–5·3)	2·4 (0·8–6·4)	2·6 (0·8–6·6)	2·7 (0·9–7·3)	3·3 (1·1–9·5)	3·5 (1·2–9·6)	3·4 (1·0–10·7)
Other transport injury	1·3 (1·0–1·9)	1·2 (0·9–1·6)	1·3 (1·0–1·8)	1·4 (1·1–2·0)	1·6 (1·3–2·1)	2·1 (1·7–2·6)	2·3 (1·9–3·2)
Unintentional injuries other than transport injuries	31·6 (26·6–35·9)	34·0 (28·4–39·0)	39·9 (33·1–46·1)	49·1 (40·7–56·5)	67·5 (54·8–78·4)	103·3 (86·0–117·0)	281·5 (227·5–316·3)
Falls	7·5 (5·0–9·9)	8·7 (6·0–11·2)	11·9 (7·9–15·8)	16·5 (11·2–21·8)	26·7 (17·8–35·5)	47·6 (33·1–59·9)	161·1 (120·1–189·6)
Drowning	4·4 (3·4–6·2)	4·8 (3·7–6·3)	5·4 (4·2–7·1)	6·2 (4·9–8·0)	7·5 (5·9–9·8)	9·1 (7·2–11·6)	13·3 (10·0–16·8)
Fire, heat and hot substances	4·2 (2·6–6·7)	4·2 (2·6–6·7)	5·0 (3·2–7·6)	6·2 (4·1–8·8)	8·1 (5·6–11·1)	11·2 (8·1–14·7)	20·7 (15·8–25·4)
Poisonings	3·7 (2·4–5·0)	3·7 (2·3–4·9)	3·6 (2·4–4·9)	3·7 (2·4–5·2)	4·3 (3·0–5·7)	5·3 (3·7–7·2)	7·5 (5·3–9·6)
Exposure to mechanical forces	4·3 (2·7–6·1)	4·2 (2·5–5·9)	3·9 (2·5–5·2)	4·1 (2·6–5·8)	4·7 (2·9–6·4)	5·6 (3·6–7·9)	8·7 (4·9–13·2)
Mechanical forces (firearm)	1·2 (0·7–2·2)	1·1 (0·6–1·9)	1·0 (0·6–1·7)	1·2 (0·6–2·3)	1·3 (0·7–2·6)	1·5 (0·8–3·4)	1·9 (0·9–4·7)
Mechanical forces (other)	3·1 (1·9–4·4)	3·1 (1·8–4·4)	2·9 (1·8–4·0)	2·9 (1·7–4·1)	3·4 (1·8–4·8)	4·0 (2·1–6·2)	6·8 (3·1–10·4)
Adverse effects of medical treatment	1·1 (0·8–1·4)	1·5 (1·2–2·0)	2·2 (1·7–2·7)	3·3 (2·4–4·0)	4·4 (3·4–5·3)	7·2 (5·2–8·9)	16·6 (11·2–22·0)
Animal contact	1·0 (0·6–1·6)	1·0 (0·7–1·6)	1·3 (0·8–2·2)	1·5 (0·9–2·3)	1·8 (1·1–2·7)	2·2 (1·4–3·4)	2·7 (1·7–4·2)
Animal contact (venomous)	0·7 (0·3–1·5)	0·7 (0·3–1·4)	0·9 (0·4–1·8)	1·0 (0·5–1·7)	1·1 (0·6–2·0)	1·4 (0·7–2·6)	1·6 (0·8–2·8)
Animal contact (non-venomous)	0·3 (0·1–0·4)	0·3 (0·2–0·5)	0·4 (0·2–0·6)	0·5 (0·2–0·8)	0·7 (0·3–1·1)	0·8 (0·4–1·4)	1·1 (0·5–1·8)
Unintentional injuries not classified elsewhere	5·5 (4·2–7·0)	5·8 (4·4–7·2)	6·6 (4·9–8·4)	7·7 (5·9–10·0)	10·1 (7·8–12·6)	15·2 (11·8–18·3)	50·9 (36·4–59·9)
Self-harm and interpersonal violence	26·8 (21·1–34·9)	26·3 (20·5–37·3)	27·9 (21·9–36·7)	30·6 (23·2–42·6)	35·8 (27·4–47·2)	42·5 (32·4–57·1)	57·2 (46·2–81·0)
Self-harm	20·5 (14·8–28·0)	20·9 (14·7–30·4)	23·3 (16·8–31·7)	26·3 (18·4–37·7)	31·5 (22·7–43·1)	38·0 (27·6–52·0)	50·4 (39·3–73·9)
Interpersonal violence	6·4 (4·7–9·8)	5·4 (4·1–8·7)	4·6 (3·6–7·2)	4·3 (3·3–6·4)	4·3 (3·3–6·1)	4·5 (3·4–6·1)	6·8 (5·2–8·9)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Assault by firearm	2·4 (1·8–3·6)	1·8 (1·3–2·8)	1·5 (1·1–2·4)	1·2 (0·9–1·8)	1·0 (0·7–1·5)	1·0 (0·7–1·3)	1·2 (0·8–1·7)
Assault by sharp object	1·8 (1·1–3·0)	1·6 (0·9–2·5)	1·3 (0·8–2·0)	1·2 (0·7–1·8)	1·2 (0·6–1·7)	1·0 (0·6–1·4)	1·5 (0·8–2·1)
Assault by other means	2·1 (1·6–3·0)	2·0 (1·4–3·0)	1·8 (1·3–2·5)	1·9 (1·4–2·6)	2·1 (1·6–2·8)	2·5 (1·8–3·2)	4·1 (3·0–5·4)
Forces of nature, war, and legal intervention	3·8 (2·2–6·8)	4·0 (2·4–6·8)	4·1 (2·7–6·7)	4·6 (3·0–7·2)	3·5 (2·4–5·2)	2·0 (1·3–2·9)	0·7 (0·4–1·1)
Exposure to forces of nature	3·4 (2·0–6·2)	3·6 (2·2–6·1)	3·7 (2·3–5·9)	4·1 (2·7–6·1)	3·0 (2·0–4·3)	1·6 (1·0–2·3)	0·4 (0·2–0·8)
Collective violence and legal intervention	0·4 (0·2–0·6)	0·4 (0·3–0·7)	0·5 (0·3–0·9)	0·6 (0·4–1·1)	0·5 (0·3–0·9)	0·4 (0·2–0·7)	0·3 (0·2–0·5)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Males, All Ages**	**Males, 0-6 Days**	**Males, 7-27 Days**	**Males, 28-364 Days**	**Males, 1-4 Years**	**Males, 5-9 Years**	**Males, 10-14 Years**
All causes	833·0 (802·5–857·2)	95,119·5 (84,569·7–106,490·	9,504·6 (8,540·4–10,494·9)	1,747·2 (1,565·5–1,965·0)	409·1 (356·3–473·5)	79·4 (74·3–84·7)	64·2 (59·7–74·0)
Communicable, maternal, neonatal, and nutritional disorders	204·6 (189·1–218·7)	87,701·4 (77,373·8–99,245·4)	8,361·4 (7,382·0–9,345·2)	1,418·7 (1,238·4–1,639·5)	296·4 (245·7–361·8)	43·3 (37·8–49·1)	26·3 (22·8–30·1)
HIV/AIDS and tuberculosis	45·8 (38·4–51·2)	–	–	40·0 (33·0–47·8)	24·4 (20·5–28·9)	6·6 (5·8–7·5)	5·9 (5·2–6·6)
Tuberculosis	22·4 (15·7–27·2)	–	–	14·0 (9·4–20·5)	5·1 (3·7–7·4)	1·4 (0·9–2·2)	0·9 (0·6–1·3)
HIV/AIDS	23·4 (21·3–25·9)	–	–	26·0 (21·5–31·0)	19·3 (15·8–23·3)	5·2 (4·5–5·8)	5·0 (4·4–5·6)
HIV disease resulting in mycobacterial infection	4·0 (3·6–4·4)	–	–	4·9 (3·8–6·0)	3·6 (2·9–4·5)	1·0 (0·8–1·1)	1·0 (0·8–1·1)
HIV disease resulting in other specified or unspecified diseases	19·5 (17·6–21·7)	–	–	21·1 (16·5–26·1)	15·7 (12·6–19·5)	4·2 (3·5–4·8)	4·0 (3·5–4·6)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	79·2 (68·3–88·1)	7,580·6 (5,641·8–9,841·8)	2,734·8 (2,251·7–3,253·6)	848·5 (704·6–1,071·0)	138·9 (113·8–173·7)	23·7 (18·5–29·2)	12·9 (9·6–16·3)
Diarrheal diseases	20·6 (16·4–23·8)	1,075·0 (610·0–1,686·0)	702·5 (468·3–973·4)	296·0 (203·5–367·7)	45·7 (31·5–60·0)	7·0 (5·0–9·7)	3·0 (2·0–4·4)
Cholera	0·9 (0·6–1·2)	66·5 (29·5–133·0)	44·1 (22·5–78·3)	17·5 (9·9–29·3)	3·4 (2·0–5·2)	0·4 (0·2–0·6)	0·1 (0·1–0·2)
Other salmonella infections	1·2 (0·9–1·5)	44·3 (22·0–77·5)	28·9 (16·3–47·7)	12·9 (7·5–19·9)	2·4 (1·5–3·4)	0·6 (0·4–0·9)	0·4 (0·2–0·6)
Shigellosis	1·7 (1·2–2·3)	65·5 (31·6–117·9)	43·4 (25·1–71·8)	18·2 (11·0–27·3)	3·4 (2·1–4·9)	0·7 (0·5–1·2)	0·4 (0·2–0·7)
Enteropathogenic E coli infection	1·3 (0·9–1·8)	134·2 (63·6–252·9)	88·7 (50·2–143·3)	37·8 (22·4–56·4)	3·6 (2·3–5·5)	0·3 (0·2–0·4)	0·1 (0·0–0·1)
Enterotoxigenic E coli infection	1·7 (1·2–2·3)	60·3 (29·4–110·6)	39·9 (23·7–64·1)	17·2 (10·7–25·9)	2·8 (1·7–3·9)	0·5 (0·3–0·7)	0·2 (0·1–0·4)
Campylobacter enteritis	1·6 (1·1–2·1)	109·0 (49·6–197·1)	72·3 (41·1–116·9)	30·5 (17·6–43·7)	3·9 (2·4–5·7)	0·4 (0·3–0·7)	0·2 (0·1–0·3)
Amoebiasis	0·8 (0·6–1·0)	12·7 (5·2–24·8)	8·2 (4·1–15·0)	3·4 (1·8–5·8)	0·8 (0·5–1·3)	0·2 (0·1–0·3)	0·1 (0·1–0·1)
Cryptosporidiosis	1·5 (1·0–2·0)	152·4 (78·5–258·7)	94·4 (57·6–145·2)	40·4 (26·0–56·8)	5·1 (3·3–7·1)	0·4 (0·2–0·6)	0·1 (0·0–0·1)
Rotaviral enteritis	3·5 (2·4–4·4)	264·8 (131·7–468·5)	170·5 (103·6–259·6)	72·1 (45·5–100·1)	11·8 (7·3–16·9)	1·2 (0·8–1·8)	0·3 (0·2–0·5)
Other diarrheal diseases	6·5 (4·1–9·4)	165·3 (64·1–340·7)	112·1 (49·2–208·5)	46·0 (22·6–80·5)	8·6 (4·1–15·3)	2·4 (1·3–4·0)	1·1 (0·6–2·0)
Typhoid and paratyphoid fevers	3·2 (0·4–6·0)	–	–	8·4 (1·1–16·1)	6·7 (0·8–13·3)	4·5 (0·6–8·4)	3·3 (0·4–6·2)
Lower respiratory infections	42·6 (35·6–47·7)	4,797·7 (3,421·1–6,809·1)	1,236·2 (931·1–1,609·7)	360·1 (285·6–444·6)	51·6 (41·1–70·7)	5·7 (4·5–7·8)	3·3 (2·5–4·4)
Influenza	7·6 (6·3–8·6)	668·0 (425·7–999·5)	172·8 (117·4–244·2)	51·1 (37·1–66·3)	7·3 (5·6–10·3)	0·9 (0·7–1·3)	0·6 (0·5–0·9)
Pneumococcal pneumonia	10·9 (8·9–12·3)	731·9 (478·3–1,087·0)	187·5 (129·8–261·6)	55·4 (41·0–74·9)	12·6 (9·9–17·5)	1·2 (0·9–1·6)	0·5 (0·4–0·7)

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Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
H influenzae type B pneumonia	5·9 (4·9–6·9)	1,054·6 (692·1–1,608·5)	270·6 (188·0–377·1)	79·4 (59·1–105·0)	11·0 (8·4–15·4)	1·1 (0·8–1·6)	0·6 (0·4–0·8)
Respiratory syncytial virus pneumonia	3·8 (3·0–4·9)	1,542·5 (1,042·0–2,293·5)	399·6 (288·0–544·4)	113·7 (85·7–147·9)	6·1 (4·6–8·3)	0·1 (0·0–0·1)	<0·05 (0·1–0·05)
Other lower respiratory infections	14·4 (11·7–16·4)	800·7 (480·2–1,261·3)	205·7 (128·1–309·1)	60·6 (40·5–86·8)	14·6 (11·1–20·3)	2·5 (1·9–3·4)	1·5 (1·2–2·1)
Upper respiratory infections	<0·05 (1·3–1·8)	5·3 (3·8–7·4)	1·4 (1·0–1·8)	0·4 (0·3–0·5)	0·1 (0·1–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Otitis media	0·1 (0·0–0·6)	1·4 (0·0–15·4)	1·7 (0·0–20·3)	1·5 (0·0–17·7)	0·1 (0·0–0·7)	<0·05 (0·0–0·4)	<0·05 (0·0–0·3)
Meningitis	6·7 (5·2–7·8)	818·4 (471·3–1,273·8)	412·6 (270·2–585·0)	77·7 (56·9–105·8)	14·1 (10·5–20·5)	3·1 (2·2–4·4)	1·9 (1·4–2·6)
Pneumococcal meningitis	1·9 (1·5–2·2)	160·4 (88·5–268·4)	80·8 (50·9–122·7)	14·8 (10·2–21·3)	3·9 (2·9–5·7)	1·0 (0·7–1·5)	0·7 (0·5–0·9)
H influenzae type B meningitis	1·3 (1·0–1·6)	220·0 (125·4–347·3)	112·2 (70·5–161·7)	20·6 (14·6–29·1)	4·6 (3·4–6·7)	1·0 (0·7–1·4)	0·5 (0·3–0·7)
Meningococcal infection	1·2 (0·9–1·4)	113·2 (54·1–215·1)	57·8 (34·0–96·1)	9·9 (6·3–15·1)	3·2 (2·3–4·7)	0·7 (0·5–1·0)	0·4 (0·3–0·6)
Other meningitis	2·3 (1·8–2·7)	324·8 (195·5–497·1)	161·8 (106·8–224·6)	32·3 (23·8–44·4)	2·4 (1·8–3·4)	0·4 (0·3–0·6)	0·4 (0·3–0·5)
Encephalitis	1·9 (1·4–2·3)	165·2 (94·8–295·5)	94·1 (54·2–159·6)	14·6 (9·2–22·6)	2·7 (1·7–4·2)	1·1 (0·6–1·9)	0·8 (0·4–1·3)
Diphtheria	<0·05 (0·0–13·5)	–	–	0·6 (0·0–4·8)	0·3 (0·0–2·8)	0·1 (0·0–0·5)	<0·05 (0·0–0·4)
Whooping cough	1·2 (0·0–5·9)	–	–	54·5 (0·2–264·1)	2·6 (0·0–13·2)	0·1 (0·0–0·6)	<0·05 (0·0–0·5)
Tetanus	0·9 (0·4–2·0)	713·9 (236·0–1,578·4)	284·0 (111·1–540·5)	5·9 (2·1–12·9)	0·1 (0·0–0·7)	0·1 (0·0–0·7)	0·1 (0·0–0·5)
Measles	1·9 (0·6–4·5)	–	–	27·6 (9·4–64·6)	14·7 (4·6–36·4)	1·9 (0·6–4·4)	0·5 (0·2–1·2)
Varicella	0·1 (0·0–0·7)	3·8 (0·0–24·1)	2·3 (0·0–15·2)	1·1 (0·0–7·8)	0·3 (0·0–1·9)	0·1 (0·0–0·4)	<0·05 (0·0–0·5)
Neglected tropical diseases and malaria	21·0 (15·3–29·3)	17·4 (8·9–38·3)	402·5 (193·7–758·3)	213·4 (113·3–361·4)	90·3 (50·1–149·1)	8·0 (5·6–10·7)	4·6 (3·4–6·0)
Malaria	18·3 (12·8–26·6)	–	391·2 (185·6–745·6)	205·7 (105·5–354·0)	85·4 (45·4–145·7)	5·8 (3·5–8·3)	3·0 (1·9–4·4)
Chagas disease	0·2 (0·1–0·7)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Leishmaniasis	1·0 (0·6–1·6)	–	4·6 (2·1–8·9)	4·4 (2·1–8·3)	2·7 (1·4–4·9)	1·1 (0·6–1·9)	0·9 (0·5–1·4)
African trypanosomiasis	0·1 (0·0–0·5)	–	–	–	0·2 (0·0–0·5)	0·1 (0·0–0·4)	0·1 (0·0–0·4)
Schistosomiasis	0·1 (0·0–0·9)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Cysticercosis	<0·05 (0·0–2·1)	<0·05 (0·0–0·0)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)

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Cause	**Males, All Ages**	**Males, 0-6 Days**	**Males, 7-27 Days**	**Males, 28-364 Days**	**Males, 1-4 Years**	**Males, 5-9 Years**	**Males, 10-14 Years**
Echinococcosis	<0·05 (0·0–2·1)	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Dengue	0·2 (0·1–0·4)	–	–	1·0 (0·2–2·5)	0·4 (0·1–1·1)	0·2 (0·1–0·4)	0·1 (0·0–0·3)
Rabies	0·4 (0·2–0·8)	–	–	0·6 (0·2–1·5)	0·8 (0·3–2·0)	0·6 (0·3–1·3)	0·4 (0·2–0·8)
Intestinal nematode infections	<0·05 (0·0–7·2)	–	–	0·3 (0·0–1·2)	0·3 (0·0–1·7)	0·1 (0·0–0·3)	<0·05 (0·0–0·2)
Ascariasis	<0·05 (0·0–7·2)	–	–	0·3 (0·0–1·2)	0·3 (0·0–1·7)	0·1 (0·0–0·3)	<0·05 (0·0–0·2)
Other neglected tropical diseases	0·4 (0·2–0·6)	17·4 (8·9–38·3)	6·7 (3·2–13·9)	1·4 (0·7–3·0)	0·4 (0·2–0·9)	0·1 (0·1–0·3)	0·1 (0·0–0·2)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	37·4 (32·6–42·8)	77.542·2 (67,147·9–89,544·1)	4.860·9 (3,939·4–5,864·5)	117·7 (88·3–155·2)	1·6 (1·0–2·4)	–	–
Preterm birth complications	14·2 (11·5–17·2)	30,472·9 (24,098·2–37,328·5)	1,515·1 (1,109·3–1,947·9)	42·8 (29·2–62·7)	0·2 (0·1–0·4)	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	8·8 (6·3–11·1)	19.499·8 (13,799·0–25,214·0)	816·8 (538·7–1,151·3)	18·9 (11·4–28·9)	0·7 (0·3–1·3)	–	–
Sepsis and other infectious disorders of the newborn baby	8·6 (4·3–15·1)	16,765·0 (8,286·7–29,051·0)	1,509·2 (721·3–2,805·4)	25·5 (10·7–58·0)	0·2 (0·1–0·5)	–	–
Other neonatal disorders	5·9 (4·4–7·8)	10.804·4 (7,731·7–15,437·6)	1.019·7 (737·2–1,445·0)	30·5 (20·2–44·7)	0·4 (0·2–0·8)	–	–
Nutritional deficiencies	9·5 (7·5–11·3)	–	–	116·1 (82·8–162·0)	30·1 (21·7–42·0)	2·2 (1·5–3·2)	1·2 (0·8–1·8)
Protein-energy malnutrition	8·4 (6·0–10·4)	–	–	111·4 (77·6–158·4)	28·4 (19·5–41·1)	1·9 (1·3–2·9)	1·0 (0·6–1·6)
Iodine deficiency	<0·05 (1·0–1·8)	–	–	0·1 (0·1–0·2)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Iron-deficiency anemia	0·9 (0·6–1·1)	–	–	4·2 (2·8–6·2)	1·7 (1·1–2·6)	0·2 (0·2–0·3)	0·2 (0·1–0·3)
Other nutritional deficiencies	0·2 (0·1–0·2)	–	–	0·4 (0·3–0·5)	0·1 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)

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Other communicable, maternal, neonatal, and nutritional disorders	11·7 (9·7–13·6)	2,561·2 (1,689·9–3,758·8)	363·2 (261·6–508·1)	83·0 (61·7–112·7)	11·2 (8·2–15·8)	2·9 (2·1–4·2)	1·7 (1·1–2·6)
Sexually transmitted diseases excluding HIV	1·7 (1·0–2·7)	1,883·0 (1,089·5–3,062·3)	151·9 (87·5–250·4)	31·1 (17·9–50·5)	1·6 (0·9–2·6)	0·3 (0·2–0·6)	<0·05 (0·0–0·2)
Syphilis	1·7 (1·0–2·7)	1,883·0 (1,082·6–3,049·1)	151·9 (87·2–247·7)	31·1 (17·6–51·0)	1·6 (0·9–2·6)	0·3 (0·2–0·5)	<0·05 (0·0–0·2)
Sexually transmitted chlamydial diseases	–	–	–	–	–	–	–
Gonococcal infection	–	–	–	–	–	–	–
Other sexually transmitted diseases	–	–	–	–	–	–	–
Hepatitis	5·1 (4·3–6·2)	–	–	13·9 (7·1–30·6)	3·1 (1·6–6·5)	1·1 (0·6–2·2)	0·9 (0·5–1·8)
Acute hepatitis A	1·7 (0·5–4·5)	–	–	9·0 (2·5–24·3)	1·1 (0·2–3·3)	0·2 (0·1–0·5)	0·2 (0·0–0·6)
Acute hepatitis B	2·5 (1·4–3·4)	–	–	4·8 (1·7–11·7)	0·4 (0·1–0·9)	0·1 (0·0–0·2)	0·1 (0·0–0·1)
Acute hepatitis C	0·3 (0·2–0·4)	–	–	–	–	<0·05 (0·0–0·2)	<0·05 (0·0–0·05)
Acute hepatitis E	0·7 (0·3–1·5)	–	–	–	1·5 (0·4–4·0)	0·8 (0·3–1·9)	0·7 (0·2–1·5)
Other infectious diseases	4·9 (3·1–6·1)	678·2 (368·6–1,057·5)	211·3 (133·1–315·0)	38·1 (24·8–56·7)	6·5 (4·5–9·4)	1·5 (0·9–2·3)	0·7 (0·5–1·2)
Non-communicable diseases	528·9 (510·5–543·0)	6,804·6 (4,939·1–8,779·6)	959·1 (733·2–1,173·4)	239·1 (195·3–272·9)	52·0 (44·3–62·9)	16·0 (13·8–18·4)	14·9 (13·3–16·7)
Neoplasms	131·2 (118·2–141·3)	37·4 (22·2–57·9)	7·9 (4·4–12·3)	7·7 (5·4–10·5)	4·5 (3·1–6·0)	4·1 (3·1–4·9)	4·0 (3·1–4·8)
Esophageal cancer	8·1 (5·7–10·0)	–	–	–	–	–	–
Stomach cancer	13·7 (8·4–18·8)	–	–	–	–	–	–
Liver cancer	15·0 (12·1–18·2)	–	–	–	–	0·2 (0·1–0·3)	0·2 (0·1–0·3)
Liver cancer secondary to hepatitis B	7·4 (6·0–9·1)	–	–	–	–	<0·05 (0·1–0·3)	0·1 (0·0–0·1)
Liver cancer secondary to hepatitis C	3·4 (2·7–4·0)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Liver cancer secondary to alcohol use	2·9 (2·3–3·5)	–	–	–	–	–	–
Other liver cancer	1·2 (1·0–1·5)	–	–	–	–	0·1 (0·1–0·2)	0·1 (0·1–0·1)
Larynx cancer	2·5 (1·2–4·2)	–	–	–	–	–	–
Trachea, bronchus and lung cancers	30·8 (20·6–37·5)	–	–	–	–	–	–

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Males, All Ages**	**Males, 0-6 Days**	**Males, 7-27 Days**	**Males, 28-364 Days**	**Males, 1-4 Years**	**Males, 5-9 Years**	**Males, 10-14 Years**
Breast cancer	–	–	–	–	–	–	–
Cervical cancer	–	–	–	–	–	–	–
Uterine cancer	–	–	–	–	–	–	–
Prostate cancer	7·4 (4·1–11·6)	–	–	–	–	–	–
Colon and rectum cancers	10·8 (9·5–12·4)	–	–	–	–	–	–
Mouth cancer	2·3 (1·8–2·5)	–	–	–	–	–	–
Nasopharynx cancer	1·3 (0·7–1·8)	–	–	–	–	<0·05 (0·1–0·2)	0·1 (0·0–0·1)
Cancer of other part of pharynx and oropharynx	2·2 (1·2–3·0)	–	–	–	–	–	–
Gallbladder and biliary tract cancer	1·8 (1·0–2·4)	–	–	–	–	–	–
Pancreatic cancer	4·8 (3·3–6·4)	–	–	–	–	–	–
Malignant melanoma of skin	0·8 (0·4–1·3)	–	–	–	–	–	–
Non-melanoma skin cancer	0·5 (0·2–0·8)	–	–	–	–	–	–
Ovarian cancer	–	–	–	–	–	–	–
Testicular cancer	0·2 (0·1–0·3)	–	–	–	–	–	–
Kidney and other urinary organ cancers	2·9 (2·0–4·3)	–	–	0·4 (0·2–0·6)	0·3 (0·2–0·5)	0·1 (0·1–0·3)	0·1 (0·0–0·2)
Bladder cancer	3·6 (2·5–4·5)	–	–	–	–	–	–
Brain and nervous system cancers	3·1 (1·4–4·2)	–	–	–	0·6 (0·2–1·4)	0·6 (0·3–0·9)	0·5 (0·2–0·8)
Thyroid cancer	0·4 (0·2–0·5)	–	–	–	–	–	<0·05 (0·0–0·2)
Hodgkin's disease	0·3 (0·2–0·5)	2·8 (1·2–5·5)	0·5 (0·1–1·4)	0·1 (0·0–0·1)	<0·05 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Non-Hodgkin's lymphoma	3·5 (2·7–3·8)	–	–	0·5 (0·3–0·7)	0·7 (0·4–1·1)	0·7 (0·4–1·2)	0·7 (0·4–1·0)
Multiple myeloma	1·2 (0·6–1·9)	–	–	–	–	–	–
Leukemia	4·6 (3·1–5·4)	–	–	2·9 (2·0–4·3)	1·8 (1·2–2·3)	1·5 (1·1–2·0)	1·5 (1·1–2·0)
Other neoplasms	9·4 (5·8–12·6)	34·6 (19·2–54·3)	7·4 (3·9–11·6)	3·9 (2·0–6·4)	1·2 (0·6–2·0)	0·8 (0·4–1·1)	0·9 (0·5–1·5)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Males, All Ages**	**Males, 0-6 Days**	**Males, 7-27 Days**	**Males, 28-364 Days**	**Males, 1-4 Years**	**Males, 5-9 Years**	**Males, 10-14 Years**
Cardiovascular and circulatory diseases	228·5 (222·1–233·7)	410·3 (325·9–531·2)	87·7 (69·5–114·6)	28·6 (23·9–35·6)	5·8 (4·8–7·2)	2·0 (1·6–2·5)	2·4 (2·0–2·9)
Rheumatic heart disease	4·4 (3·6–5·0)	–	–	–	0·4 (0·2–0·5)	0·2 (0·1–0·2)	0·3 (0·2–0·5)
Ischemic heart disease	107·6 (96·9–114·9)	–	–	5·7 (2·8–9·5)	1·3 (0·7–1·9)	0·5 (0·3–0·8)	0·6 (0·4–1·0)
Cerebrovascular disease	82·6 (71·2–91·0)	165·0 (100·9–240·7)	34·3 (20·0–55·3)	8·1 (4·6–12·8)	1·5 (1·0–2·2)	0·6 (0·4–0·9)	0·7 (0·5–1·0)
Ischemic stroke	36·1 (32·3–46·2)	–	–	1·7 (0·9–2·6)	0·3 (0·2–0·4)	0·1 (0·1–0·1)	0·1 (0·1–0·1)
Hemorrhagic and other non-ischemic stroke	46·4 (37·0–57·4)	165·0 (95·9–271·7)	34·3 (19·7–65·6)	6·4 (3·4–11·3)	1·2 (0·7–2·0)	0·5 (0·3–0·8)	0·6 (0·4–0·9)
Hypertensive heart disease	11·3 (9·4–13·6)	–	–	0·8 (0·5–1·1)	0·2 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Cardiomyopathy and myocarditis	7·0 (5·9–8·1)	131·9 (63·1–241·0)	31·9 (16·3–53·6)	6·3 (3·2–10·0)	1·4 (0·5–2·4)	0·3 (0·2–0·5)	0·3 (0·2–0·5)
Atrial fibrillation and flutter	1·2 (0·8–1·9)	–	–	–	–	–	–
Aortic aneurysm	3·4 (2·3–5·0)	–	–	–	–	–	–
Peripheral vascular disease	0·5 (0·2–1·0)	–	–	–	–	–	–
Endocarditis	0·8 (0·6–0·9)	12·5 (8·3–18·9)	3·9 (2·8–5·5)	1·6 (1·2–2·2)	0·3 (0·2–0·4)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other cardiovascular and circulatory diseases	9·7 (9·3–10·1)	100·9 (71·2–139·5)	17·5 (12·8–24·7)	6·0 (4·2–8·7)	0·8 (0·5–1·4)	0·2 (0·2–0·3)	0·2 (0·2–0·3)
Chronic respiratory diseases	62·6 (59·6–66·5)	216·1 (146·3–341·6)	67·2 (45·4–103·6)	31·0 (23·4–43·8)	6·5 (5·3–8·2)	1·0 (0·7–1·4)	1·0 (0·7–1·3)
Chronic obstructive pulmonary disease	47·7 (41·4–57·1)	–	–	13·6 (7·3–24·1)	1·7 (1·2–2·4)	0·3 (0·2–0·4)	0·3 (0·2–0·4)
Pneumoconiosis	2·5 (1·3–4·4)	–	–	–	0·2 (0·1–0·4)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)
Asthma	5·7 (4·1–10·2)	–	–	–	2·2 (0·7–5·5)	0·4 (0·2–1·0)	0·4 (0·2–1·0)
Other interstitial lung disease	2·1 (1·3–3·2)	–	–	–	0·2 (0·1–0·5)	<0·05 (0·0–0·3)	<0·05 (0·0–0·2)
Other chronic respiratory diseases	4·6 (3·3–6·0)	216·1 (119·0–360·0)	67·2 (35·4–114·2)	17·4 (9·1–28·9)	2·2 (1·0–3·3)	0·2 (0·1–0·4)	0·2 (0·1–0·4)
Cirrhosis of the liver	19·9 (15·6–23·8)	–	–	–	2·6 (1·5–4·4)	0·4 (0·3–0·6)	0·4 (0·3–0·7)
Cirrhosis of the liver secondary to hepatitis B	6·0 (4·8–7·8)	–	–	–	0·2 (0·1–0·3)	0·1 (0·1–0·1)	0·1 (0·1–0·2)
Cirrhosis of the liver secondary to hepatitis C	4·6 (3·6–5·7)	–	–	–	0·1 (0·0–0·1)	<0·05 (0·1–0·2)	0·1 (0·0–0·1)
Cirrhosis of the liver secondary to alcohol use	6·7 (5·1–8·3)	–	–	–	–	–	–

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Other cirrhosis of the liver	2·6 (2·1–3·3)	–	–	–	2·4 (1·5–4·1)	0·3 (0·2–0·5)	0·3 (0·2–0·4)
Digestive diseases (except cirrhosis)	16·6 (13·5–19·2)	–	–	–	6·9 (5·3–9·0)	1·0 (0·8–1·2)	0·8 (0·6–1·0)
Peptic ulcer disease	4·1 (3·3–4·8)	–	–	–	0·6 (0·3–1·4)	0·2 (0·1–0·3)	0·2 (0·1–0·3)
Gastritis and duodenitis	0·2 (0·1–0·3)	–	–	–	0·1 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Appendicitis	0·5 (0·3–0·8)	–	–	–	1·1 (0·3–2·5)	0·1 (0·1–0·3)	0·1 (0·1–0·2)
Paralytic ileus and intestinal obstruction without hernia	2·2 (1·4–3·4)	–	–	–	1·8 (0·7–4·2)	0·2 (0·1–0·4)	0·2 (0·1–0·3)
Inguinal or femoral hernia	0·2 (0·2–0·3)	–	–	–	0·1 (0·1–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Noninfective inflammatory bowel disease	0·4 (0·3–0·5)	–	–	–	0·7 (0·2–1·5)	<0·05 (0·1–0·3)	<0·05 (0·1–0·2)
Vascular disorders of intestine	1·0 (0·2–2·9)	–	–	–	<0·05 (0·0–0·4)	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)
Gall bladder and bile duct disease	1·1 (0·8–1·4)	–	–	–	0·4 (0·1–0·8)	0·1 (0·0–0·1)	<0·05 (0·1–0·2)
Pancreatitis	1·4 (0·9–1·8)	–	–	–	0·1 (0·0–0·4)	<0·05 (0·1–0·2)	<0·05 (0·1–0·05)
Other digestive diseases	5·4 (4·5–7·3)	–	–	–	1·9 (1·1–3·4)	0·2 (0·2–0·4)	0·2 (0·1–0·4)
Neurological disorders	16·1 (12·5–19·6)	–	–	17·4 (11·1–29·0)	6·2 (3·4–13·2)	2·4 (1·6–3·6)	2·4 (1·6–3·8)
Alzheimer's disease and other dementias	4·9 (2·9–6·4)	–	–	–	–	0·2 (0·1–0·3)	0·1 (0·1–0·2)
Parkinson's disease	1·7 (1·1–2·4)	–	–	–	–	–	–
Epilepsy	2·9 (1·9–3·8)	–	–	6·1 (3·0–12·2)	3·7 (1·5–10·5)	1·1 (0·6–1·9)	0·9 (0·6–1·3)
Multiple sclerosis	0·2 (0·2–0·3)	–	–	–	–	–	–
Other neurological disorders	6·3 (4·3–10·7)	–	–	11·3 (6·9–21·4)	2·6 (1·5–4·8)	1·1 (0·7–2·1)	1·4 (0·8–2·7)
Mental and behavioral disorders	4·9 (3·3–7·6)	16·4 (7·9–32·9)	5·8 (2·4–11·8)	1·6 (0·6–4·0)	0·6 (0·3–0·9)	0·1 (0·1–0·3)	0·1 (0·1–0·2)
Schizophrenia	0·3 (0·3–0·4)	–	–	–	–	–	–
Alcohol use disorders	2·6 (1·3–4·8)	–	–	–	–	–	–
Drug use disorders	1·6 (0·8–2·7)	16·4 (7·9–32·9)	5·8 (2·4–11·8)	1·6 (0·6–4·0)	0·5 (0·2–0·8)	0·1 (0·1–0·2)	0·1 (0·0–0·2)
Opioid use disorders	0·9 (0·5–1·5)	8·4 (4·1–17·2)	3·0 (1·3–6·2)	0·8 (0·3–2·0)	0·2 (0·1–0·4)	0·1 (0·0–0·1)	<0·05 (0·1–0·3)

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Cocaine use disorders	<0·05 (0·1–0·05)	0·1 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Amphetamine use disorders	<0·05 (0·1–0·05)	0·1 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·7 (0·4–1·2)	7·8 (3·7–15·9)	2·7 (1·2–5·6)	0·8 (0·3–1·8)	0·2 (0·1–0·4)	0·1 (0·0–0·1)	<0·05 (0·1–0·3)
Eating disorders	0·1 (0·0–0·1)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other mental and behavioral disorders	0·3 (0·1–0·4)	–	–	–	0·1 (0·0–0·2)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Diabetes, urogenital, blood, and endocrine diseases	37·7 (32·4–43·5)	253·8 (168·4–362·6)	62·6 (41·5–91·2)	34·3 (24·2–49·9)	8·3 (5·2–14·5)	2·7 (1·9–4·7)	2·2 (1·7–3·3)
Diabetes mellitus	17·1 (12·6–18·4)	28·9 (19·3–42·7)	5·6 (3·6–8·3)	3·3 (1·8–5·8)	0·6 (0·4–0·9)	0·2 (0·1–0·3)	0·2 (0·1–0·3)
Acute glomerulonephritis	1·7 (0·7–4·4)	–	–	4·9 (1·3–13·2)	1·8 (0·3–5·7)	0·8 (0·2–2·6)	0·4 (0·1–1·3)
Chronic kidney diseases	10·9 (9·1–11·9)	–	–	5·8 (3·3–9·5)	1·4 (1·0–2·1)	0·5 (0·3–0·8)	0·6 (0·3–0·9)
Chronic kidney disease due to diabetes mellitus	2·5 (2·1–2·8)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Chronic kidney disease due to hypertension	2·7 (2·2–3·0)	–	–	0·7 (0·4–1·3)	0·2 (0·1–0·3)	0·1 (0·0–0·1)	0·1 (0·1–0·1)
Chronic kidney disease unspecified	5·7 (4·7–6·3)	–	–	5·1 (2·9–8·3)	1·2 (0·9–1·8)	0·4 (0·3–0·7)	0·5 (0·3–0·8)
Urinary diseases and male infertility	3·7 (2·2–5·5)	31·5 (14·5–56·4)	11·6 (5·7–20·4)	4·9 (2·3–8·8)	0·8 (0·4–1·5)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	2·1 (1·2–3·0)	11·5 (4·8–18·7)	4·4 (2·1–6·6)	2·0 (0·9–3·7)	0·3 (0·1–0·5)	<0·05 (0·1–0·2)	0·1 (0·0–0·1)
Urolithiasis	0·3 (0·1–0·5)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other urinary diseases	1·3 (0·7–2·0)	20·0 (6·5–41·8)	7·3 (2·7–14·9)	2·9 (0·9–6·3)	0·5 (0·2–1·0)	0·1 (0·0–0·1)	<0·05 (0·1–0·2)
Gynecological diseases	–	–	–	–	–	–	–
Uterine fibroids	–	–	–	–	–	–	–
Endometriosis	–	–	–	–	–	–	–
Genital prolapse	–	–	–	–	–	–	–
Other gynecological diseases	–	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	1·4 (1·0–2·0)	100·0 (49·5–173·1)	19·6 (10·5–29·9)	6·0 (3·4–9·5)	2·0 (0·8–4·4)	0·6 (0·4–1·0)	0·5 (0·3–0·9)
Thalassemias	0·3 (0·2–0·3)	1·2 (0·7–2·0)	0·8 (0·5–1·2)	0·5 (0·3–0·8)	0·3 (0·2–0·5)	0·2 (0·1–0·3)	0·2 (0·1–0·4)

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Sickle cell disorders	0·3 (0·2–0·6)	7·7 (4·9–12·0)	4·8 (2·6–8·5)	2·7 (1·3–5·2)	1·2 (0·5–2·9)	0·3 (0·2–0·6)	0·2 (0·1–0·4)
G6PD deficiency	0·1 (0·1–0·1)	0·2 (0·1–0·4)	0·1 (0·1–0·3)	0·1 (0·1–0·2)	0·1 (0·0–0·1)	<0·05 (0·1–0·2)	<0·05 (0·1–0·2)
Other hemoglobinopathies and hemolytic anemias	0·7 (0·4–1·1)	90·9 (48·3–155·8)	13·8 (6·9–22·9)	2·7 (1·4–4·8)	0·5 (0·1–1·4)	0·1 (0·0–0·2)	0·1 (0·0–0·3)
Other endocrine, nutritional, blood, and immune disorders	3·0 (1·6–6·4)	93·4 (43·9–207·0)	25·8 (11·3–48·7)	9·4 (4·2–19·7)	1·6 (0·7–3·6)	0·5 (0·2–0·8)	0·4 (0·2–0·7)
Musculoskeletal disorders	1·6 (0·9–2·7)	–	–	–	–	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Rheumatoid arthritis	0·5 (0·3–0·8)	–	–	–	–	<0·05 (0·1–0·2)	<0·05 (0·1–0·2)
Other musculoskeletal disorders	1·1 (0·6–1·8)	–	–	–	–	0·1 (0·0–0·1)	0·1 (0·1–0·2)
Other non-communicable diseases	9·8 (7·2–11·4)	5,870·6 (3,907·7–7,814·5)	727·9 (500·4–922·7)	118·5 (80·9–146·5)	10·6 (7·7–14·5)	2·2 (1·6–3·2)	1·4 (1·0–1·9)
Congenital anomalies	7·9 (5·4–9·6)	5,870·6 (3,907·7–7,814·5)	648·2 (450·8–859·2)	98·4 (61·0–127·7)	9·7 (7·1–13·6)	2·1 (1·4–3·0)	1·3 (0·9–1·8)
Neural tube defects	1·1 (0·6–1·7)	1,513·5 (744·8–2,591·0)	94·5 (42·7–168·6)	9·1 (4·6–17·6)	0·9 (0·4–1·9)	0·2 (0·1–0·5)	0·1 (0·1–0·3)
Congenital heart anomalies	3·4 (3·0–3·8)	2,011·5 (1,633·4–2,530·3)	296·5 (239·7–385·4)	43·1 (32·5–57·9)	4·5 (3·3–6·7)	1·0 (0·7–1·4)	0·7 (0·5–1·0)
Cleft lip and cleft palate	0·1 (0·0–0·1)	68·3 (31·3–122·3)	12·3 (5·7–21·8)	1·5 (0·7–2·7)	0·1 (0·0–0·3)	–	–
Down's syndrome	0·2 (0·1–0·4)	82·5 (41·2–162·8)	12·3 (5·9–22·7)	2·6 (1·3–5·4)	0·4 (0·2–1·0)	0·1 (0·0–0·1)	<0·05 (0·1–0·3)
Other chromosomal abnormalities	0·2 (0·1–0·5)	265·1 (116·3–616·5)	34·0 (15·3–72·8)	2·9 (1·3–6·5)	0·2 (0·1–0·5)	0·1 (0·0–0·1)	<0·05 (0·1–0·2)
Other congenital anomalies	2·8 (1·8–3·6)	1,929·8 (1,045·5–3,089·8)	198·5 (107·3–314·7)	39·1 (20·6–60·9)	3·6 (1·6–6·3)	0·7 (0·4–1·2)	0·4 (0·2–0·7)
Skin and subcutaneous diseases	1·5 (1·0–1·8)	–	–	5·8 (3·9–8·3)	0·9 (0·3–1·3)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Cellulitis	0·4 (0·3–0·5)	–	–	1·2 (0·8–1·7)	0·3 (0·1–0·4)	0·1 (0·0–0·1)	<0·05 (0·1–0·2)
Abscess, impetigo, and other bacterial skin diseases	0·6 (0·4–0·7)	–	–	4·6 (3·0–6·5)	0·6 (0·2–0·8)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Decubitus ulcer	0·5 (0·3–0·6)	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	0·3 (0·2–0·6)	–	79·7 (26·4–177·5)	14·3 (8·1–26·8)	–	–	–
Injuries	99·5 (87·2–112·5)	613·4 (507·4–763·7)	184·0 (151·9–230·5)	89·4 (74·9–105·7)	60·6 (51·4–72·3)	20·1 (17·1–24·5)	23·0 (18·8–32·8)
Transport injuries	30·2 (21·9–42·2)	43·2 (26·7–72·5)	12·8 (8·2–19·7)	10·3 (6·3–16·1)	14·4 (10·2–22·4)	6·7 (4·8–9·6)	5·9 (4·4–8·7)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Road injury	28·7 (20·9–40·8)	36·7 (19·5–67·6)	9·3 (5·2–16·4)	9·5 (5·2–16·4)	13·4 (9·3–20·4)	6·3 (4·5–9·1)	5·6 (4·0–8·0)
Pedestrian injury by road vehicle	10·1 (6·9–14·6)	10·6 (4·7–27·9)	1·6 (0·7–4·0)	2·7 (1·2–6·3)	7·3 (3·6–14·2)	2·8 (1·9–4·5)	2·1 (1·4–3·5)
Pedal cycle vehicle	1·9 (1·3–2·3)	–	–	–	0·5 (0·3–0·9)	0·5 (0·3–0·8)	0·7 (0·4–1·1)
Motorized vehicle with two wheels	5·0 (3·8–5·8)	3·0 (1·7–5·7)	1·0 (0·5–1·8)	0·7 (0·4–1·1)	0·9 (0·5–1·3)	0·6 (0·4–1·0)	0·7 (0·5–1·0)
Motorized vehicle with three or more wheels	9·9 (7·3–12·8)	17·7 (8·5–36·3)	5·7 (2·8–12·3)	5·1 (2·6–10·1)	3·8 (2·1–6·6)	1·9 (1·3–2·7)	1·7 (1·1–2·2)
Road injury other	1·8 (0·8–4·2)	5·4 (1·5–18·6)	1·1 (0·3–3·5)	1·1 (0·3–2·9)	0·9 (0·2–2·7)	0·5 (0·2–1·2)	0·5 (0·2–1·2)
Other transport injury	1·5 (1·3–1·9)	6·5 (4·5–13·5)	3·4 (2·1–7·4)	0·8 (0·5–1·2)	0·9 (0·3–1·5)	0·3 (0·2–0·5)	0·3 (0·3–0·5)
Unintentional injuries other than transport injuries	38·0 (32·8–40·9)	405·5 (319·0–559·0)	127·8 (100·1–176·5)	69·2 (56·0–84·6)	42·5 (34·7–51·2)	12·2 (10·2–14·6)	10·2 (8·7–12·2)
Falls	9·2 (6·3–10·6)	36·8 (24·3–57·1)	11·5 (7·3–19·1)	9·5 (5·7–15·3)	5·2 (3·5–7·6)	1·5 (0·9–2·6)	1·4 (0·9–2·5)
Drowning	7·1 (5·9–9·4)	30·0 (19·6–51·2)	4·1 (2·7–5·7)	5·6 (3·8–8·7)	15·5 (11·0–23·0)	4·9 (3·8–7·2)	4·0 (3·2–5·7)
Fire, heat and hot substances	4·6 (2·9–5·8)	30·2 (18·2–49·5)	14·3 (8·9–24·7)	11·5 (6·5–19·3)	10·5 (6·4–14·7)	1·8 (1·1–3·2)	0·9 (0·5–1·6)
Poisonings	3·4 (2·1–5·0)	27·8 (17·3–51·3)	10·7 (6·6–20·8)	3·5 (2·1–5·9)	2·7 (1·8–4·8)	0·5 (0·3–1·0)	0·5 (0·3–0·9)
Exposure to mechanical forces	4·5 (2·8–5·5)	15·8 (9·7–24·7)	4·7 (2·5–6·6)	2·5 (1·2–4·0)	2·4 (1·5–4·2)	1·1 (0·7–2·0)	1·1 (0·7–1·7)
Mechanical forces (firearm)	1·6 (0·9–2·0)	9·3 (4·5–17·4)	2·2 (0·9–3·6)	1·0 (0·6–2·1)	0·9 (0·4–1·9)	0·5 (0·2–0·8)	0·5 (0·3–1·0)
Mechanical forces (other)	2·9 (1·7–3·6)	6·5 (4·1–12·9)	2·5 (1·4–4·1)	1·5 (0·7–2·7)	1·6 (0·8–2·8)	0·6 (0·3–1·2)	0·6 (0·3–1·1)
Adverse effects of medical treatment	1·4 (1·3–1·5)	59·3 (41·8–84·1)	16·4 (11·9–24·0)	4·7 (3·4–6·3)	0·9 (0·5–1·5)	0·2 (0·1–0·3)	0·2 (0·1–0·3)
Animal contact	1·1 (0·6–1·6)	44·2 (12·2–154·8)	11·0 (4·3–25·2)	2·6 (0·9–6·6)	1·1 (0·5–2·5)	0·8 (0·4–1·6)	0·6 (0·3–1·4)
Animal contact (venomous)	0·8 (0·3–1·7)	22·0 (4·3–78·8)	6·4 (1·7–17·4)	2·1 (0·6–5·9)	0·9 (0·3–2·6)	0·7 (0·2–1·6)	0·5 (0·2–1·2)
Animal contact (non-venomous)	0·3 (0·1–0·4)	22·2 (6·0–71·7)	4·5 (1·5–9·8)	0·4 (0·2–0·8)	0·2 (0·1–0·4)	0·1 (0·1–0·3)	0·1 (0·1–0·2)
Unintentional injuries not classified elsewhere	6·8 (6·0–7·6)	161·5 (105·9–286·7)	55·1 (35·5–98·3)	29·3 (21·6–42·4)	4·2 (3·1–6·0)	1·2 (0·9–1·8)	1·4 (0·9–2·0)
Self-harm and interpersonal violence	27·3 (22·1–34·4)	98·2 (52·4–151·8)	12·1 (5·4–21·6)	4·0 (2·2–5·7)	2·1 (1·2–3·2)	0·8 (0·6–1·1)	2·8 (2·0–3·9)
Self-harm	16·7 (11·8–22·3)	–	–	–	–	0·2 (0·1–0·3)	1·6 (1·0–2·7)
Interpersonal violence	10·6 (7·6–15·1)	98·2 (52·4–151·8)	12·1 (5·4–21·6)	4·0 (2·2–5·7)	2·1 (1·2–3·2)	0·7 (0·4–0·9)	1·2 (0·7–1·7)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Males, All Ages**	**Males, 0-6 Days**	**Males, 7-27 Days**	**Males, 28-364 Days**	**Males, 1-4 Years**	**Males, 5-9 Years**	**Males, 10-14 Years**
Assault by firearm	5·0 (3·6–5·9)	20·4 (10·1–34·9)	2·3 (1·2–3·3)	1·1 (0·5–1·7)	0·6 (0·3–1·0)	0·2 (0·1–0·3)	0·6 (0·4–0·8)
Assault by sharp object	3·0 (1·7–4·8)	10·7 (5·3–24·2)	1·0 (0·5–2·0)	0·5 (0·3–1·1)	0·3 (0·1–0·7)	0·1 (0·1–0·2)	0·2 (0·1–0·3)
Assault by other means	2·7 (2·0–3·4)	67·1 (40·2–136·5)	8·9 (4·8–19·0)	2·4 (1·7–4·3)	1·2 (0·6–2·5)	0·3 (0·2–0·5)	0·4 (0·3–0·5)
Forces of nature, war, and legal intervention	4·0 (2·0–9·6)	66·5 (46·2–94·3)	31·3 (24·2–40·4)	5·9 (4·6–7·7)	1·6 (1·0–2·3)	0·4 (0·3–0·6)	4·0 (1·3–13·6)
Exposure to forces of nature	3·7 (1·8–8·9)	61·5 (40·3–88·5)	27·2 (20·6–35·6)	5·1 (3·9–6·9)	1·4 (0·9–2·1)	0·4 (0·3–0·6)	3·9 (1·2–13·2)
Collective violence and legal intervention	0·3 (0·2–0·7)	5·0 (1·1–10·9)	4·1 (3·3–6·4)	0·7 (0·6–0·9)	0·2 (0·1–0·2)	<0·05 (0·1–0·05)	0·2 (0·1–0·3)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Males, 15-19 Years**	**Males, 20-24 Years**	**Males, 25-29 Years**	**Males, 30-34 Years**	**Males, 35-39 Years**	**Males, 40-44 Years**	**Males, 45-49 Years**
All causes	132·7 (122·9–145·3)	204·3 (188·5–220·4)	254·1 (236·6–272·7)	301·7 (281·4–323·4)	361·1 (331·1–392·5)	448·1 (412·7–487·1)	627·9 (580·9–676·6)
Communicable, maternal, neonatal, and nutritional disorders	31·7 (27·1–36·4)	47·3 (41·3–53·4)	79·0 (70·5–87·5)	107·8 (96·4–119·5)	123·5 (108·8–139·0)	123·3 (106·0–141·5)	139·2 (119·3–161·5)
HIV/AIDS and tuberculosis	6·2 (5·0–7·5)	15·5 (12·7–18·2)	42·6 (36·5–48·5)	68·0 (59·0–76·2)	82·6 (71·2–94·2)	77·3 (65·0–90·3)	79·6 (64·4–94·9)
Tuberculosis	2·9 (1·8–4·0)	7·1 (4·8–9·1)	13·4 (8·6–17·7)	18·7 (12·2–25·1)	22·1 (14·3–30·3)	24·5 (16·2–34·4)	31·7 (20·3–45·3)
HIV/AIDS	3·3 (2·8–4·0)	8·4 (6·7–10·5)	29·3 (25·0–33·4)	49·3 (44·2–54·3)	60·5 (53·2–67·8)	52·8 (45·8–59·7)	47·9 (39·0–57·1)
HIV disease resulting in mycobacterial infection	0·6 (0·5–0·7)	1·5 (1·2–1·9)	5·1 (4·3–5·9)	8·5 (7·6–9·4)	10·2 (8·9–11·6)	8·7 (7·5–10·0)	7·8 (6·2–9·4)
HIV disease resulting in other specified or unspecified diseases	2·7 (2·2–3·3)	6·9 (5·6–8·6)	24·2 (20·5–27·6)	40·7 (36·3–45·0)	50·2 (44·2–56·7)	44·1 (38·1–50·3)	40·2 (32·7–48·1)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	14·6 (11·0–18·4)	17·0 (12·8–21·3)	20·6 (16·0–25·4)	23·2 (18·4–28·5)	23·8 (18·6–29·8)	25·9 (20·5–32·7)	34·1 (27·1–42·8)
Diarrheal diseases	3·4 (2·3–5·1)	4·1 (2·9–6·0)	5·5 (4·0–8·0)	6·5 (4·8–8·9)	6·9 (4·7–10·5)	7·1 (4·9–10·7)	9·2 (6·2–14·0)
Cholera	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·3 (0·1–0·5)	0·3 (0·2–0·5)
Other salmonella infections	0·4 (0·2–0·7)	0·4 (0·3–0·7)	0·6 (0·4–0·9)	0·6 (0·4–0·9)	0·6 (0·4–1·0)	0·6 (0·3–0·9)	0·7 (0·4–1·2)
Shigellosis	0·4 (0·3–0·7)	0·5 (0·3–0·8)	0·6 (0·4–1·0)	0·7 (0·4–1·0)	0·6 (0·4–1·1)	0·6 (0·4–1·0)	0·8 (0·5–1·4)
Enteropathogenic E coli infection	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)
Enterotoxigenic E coli infection	0·3 (0·2–0·5)	0·4 (0·2–0·6)	0·6 (0·4–0·9)	0·7 (0·5–1·1)	0·8 (0·5–1·3)	0·9 (0·5–1·5)	1·1 (0·7–1·9)
Campylobacter enteritis	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·5 (0·3–0·8)
Amoebiasis	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·2–0·4)	0·3 (0·2–0·5)	0·4 (0·2–0·6)	0·4 (0·2–0·7)	0·6 (0·3–1·0)
Cryptosporidiosis	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)
Rotaviral enteritis	0·3 (0·2–0·5)	0·4 (0·2–0·6)	0·5 (0·3–0·7)	0·5 (0·3–0·8)	0·5 (0·3–0·8)	0·5 (0·3–0·8)	0·7 (0·4–1·2)
Other diarrheal diseases	1·3 (0·7–2·4)	1·6 (0·9–2·9)	2·3 (1·3–3·8)	2·8 (1·6–4·5)	3·1 (1·7–5·2)	3·3 (1·8–5·8)	4·3 (2·3–7·4)
Typhoid and paratyphoid fevers	3·5 (0·4–6·7)	3·4 (0·4–6·4)	3·1 (0·4–5·9)	2·8 (0·3–5·2)	2·3 (0·3–4·3)	2·0 (0·2–3·8)	1·8 (0·2–3·4)
Lower respiratory infections	4·1 (3·0–5·3)	5·5 (4·0–6·9)	7·4 (5·3–9·5)	9·3 (6·7–12·1)	10·3 (7·6–13·5)	11·8 (8·5–15·8)	17·9 (13·2–23·3)
Influenza	0·8 (0·6–1·1)	1·1 (0·8–1·5)	1·6 (1·2–2·1)	2·1 (1·5–2·8)	2·4 (1·8–3·2)	2·9 (2·1–3·9)	4·2 (3·1–5·5)
Pneumococcal pneumonia	0·7 (0·6–1·0)	1·1 (0·8–1·4)	1·7 (1·2–2·2)	2·3 (1·6–3·0)	2·7 (2·0–3·6)	3·3 (2·4–4·4)	5·1 (3·7–6·6)
H influenzae type B pneumonia	0·7 (0·5–1·0)	1·0 (0·7–1·2)	1·3 (0·9–1·7)	1·6 (1·1–2·1)	1·7 (1·3–2·3)	1·9 (1·4–2·7)	2·7 (2·0–3·6)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Respiratory syncytial virus pneumonia	<0·05 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·2)
Other lower respiratory infections	1·8 (1·3–2·4)	2·2 (1·6–2·8)	2·8 (2·0–3·6)	3·2 (2·3–4·2)	3·3 (2·4–4·4)	3·6 (2·6–4·9)	5·7 (4·2–7·6)
Upper respiratory infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Otitis media	<0·05 (0·0–0·4)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·5)
Meningitis	2·4 (1·9–3·0)	2·8 (1·8–3·7)	3·1 (2·0–4·3)	3·1 (2·0–4·4)	2·9 (2·1–4·2)	3·3 (2·0–4·7)	3·5 (2·3–4·9)
Pneumococcal meningitis	0·9 (0·7–1·1)	1·1 (0·7–1·5)	1·2 (0·8–1·7)	1·2 (0·8–1·8)	1·1 (0·8–1·6)	1·2 (0·7–1·8)	1·2 (0·8–1·8)
H influenzae type B meningitis	0·4 (0·3–0·5)	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)
Meningococcal infection	0·6 (0·4–0·7)	0·7 (0·4–0·9)	0·7 (0·5–1·0)	0·7 (0·4–0·9)	0·6 (0·4–0·8)	0·6 (0·4–0·9)	0·7 (0·5–0·9)
Other meningitis	0·6 (0·5–0·8)	0·8 (0·6–1·1)	1·0 (0·7–1·4)	1·1 (0·7–1·6)	1·1 (0·7–1·5)	1·2 (0·8–1·8)	1·4 (0·9–1·9)
Encephalitis	0·8 (0·5–1·3)	1·0 (0·5–1·8)	1·1 (0·6–2·0)	1·2 (0·6–2·3)	1·1 (0·6–2·0)	1·4 (0·7–2·5)	1·3 (0·7–2·3)
Diphtheria	<0·05 (0·0–0·2)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)
Whooping cough	<0·05 (0·0–0·4)	<0·05 (0·0–0·3)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	<0·05 (0·0–0·5)
Tetanus	0·1 (0·0–0·4)	0·1 (0·0–0·5)	0·1 (0·0–0·6)	0·2 (0·0–0·8)	0·2 (0·0–0·9)	0·2 (0·0–1·1)	0·3 (0·0–1·6)
Measles	0·2 (0·1–0·6)	0·1 (0·0–0·3)	0·1 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Varicella	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	<0·05 (0·0–0·5)	<0·05 (0·0–0·7)	<0·05 (0·0–0·6)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)
Neglected tropical diseases and malaria	7·0 (4·7–9·8)	9·4 (6·4–13·8)	9·6 (6·4–15·1)	9·1 (5·6–15·2)	8·3 (5·1–13·8)	9·2 (5·7–15·3)	10·8 (6·6–18·5)
Malaria	5·5 (3·4–8·3)	7·8 (4·8–12·1)	7·9 (4·9–13·5)	7·4 (4·0–13·7)	6·6 (3·6–12·3)	7·3 (3·8–13·4)	8·5 (4·5–15·7)
Chagas disease	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)	<0·05 (0·0–0·4)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·1 (0·0–0·6)	0·2 (0·1–1·0)
Leishmaniasis	0·8 (0·4–1·4)	0·8 (0·4–1·2)	0·7 (0·4–1·1)	0·7 (0·4–1·1)	0·7 (0·4–1·1)	0·7 (0·4–1·2)	0·8 (0·5–1·2)
African trypanosomiasis	0·2 (0·0–0·7)	0·2 (0·0–0·7)	0·2 (0·0–0·7)	0·2 (0·0–0·6)	0·1 (0·0–0·5)	0·1 (0·0–0·4)	0·1 (0·0–0·4)
Schistosomiasis	<0·05 (0·0–0·3)	<0·05 (0·0–0·5)	<0·05 (0·0–0·6)	<0·05 (0·0–0·7)	0·1 (0·0–0·4)	0·1 (0·0–0·8)	0·2 (0·0–1·2)
Cysticercosis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)
Echinococcosis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)
Dengue	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·4)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·3)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Males, 15-19 Years**	**Males, 20-24 Years**	**Males, 25-29 Years**	**Males, 30-34 Years**	**Males, 35-39 Years**	**Males, 40-44 Years**	**Males, 45-49 Years**
Rabies	0·2 (0·1–0·4)	0·3 (0·1–0·5)	0·3 (0·1–0·6)	0·3 (0·1–0·6)	0·3 (0·1–0·6)	0·4 (0·2–0·8)	0·4 (0·2–0·8)
Intestinal nematode infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Ascariasis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other neglected tropical diseases	0·1 (0·0–0·2)	0·1 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·3 (0·1–0·5)	0·3 (0·1–0·7)	0·4 (0·2–1·0)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	1·5 (1·0–2·3)	2·1 (1·4–3·1)	2·3 (1·7–3·3)	2·6 (1·8–3·8)	2·7 (1·9–4·3)	2·9 (1·9–4·9)	3·6 (2·4–5·9)
Protein-energy malnutrition	1·1 (0·7–1·8)	1·5 (0·9–2·4)	1·7 (1·2–2·6)	2·0 (1·2–3·2)	2·2 (1·3–3·8)	2·4 (1·4–4·4)	3·0 (1·8–5·1)
Iodine deficiency	<0·05 (0·1–0·05)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	<0·05 (0·1–0·2)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Iron-deficiency anemia	0·3 (0·2–0·5)	0·5 (0·3–0·7)	0·5 (0·4–0·7)	0·5 (0·3–0·8)	0·5 (0·3–0·6)	0·4 (0·3–0·6)	0·5 (0·3–0·7)
Other nutritional deficiencies	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·1)
Other communicable, maternal, neonatal, and nutritional disorders	2·3 (1·6–3·5)	3·2 (2·3–4·9)	3·9 (2·9–5·5)	5·0 (3·7–7·3)	6·1 (4·4–9·0)	8·0 (5·8–12·0)	11·0 (7·6–17·5)
Sexually transmitted diseases excluding HIV	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·3)	0·1 (0·1–0·3)
Syphilis	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Sexually transmitted chlamydial diseases	–	–	–	–	–	–	–
Gonococcal infection	–	–	–	–	–	–	–
Other sexually transmitted diseases	–	–	–	–	–	–	–
Hepatitis	1·4 (0·8–2·4)	2·0 (1·2–3·5)	2·3 (1·5–3·7)	2·9 (1·8–4·9)	3·9 (2·5–6·6)	5·7 (3·7–9·5)	7·8 (4·7–14·1)
Acute hepatitis A	0·2 (0·0–0·8)	0·4 (0·1–1·3)	0·5 (0·1–1·6)	0·8 (0·2–2·7)	1·2 (0·3–3·8)	1·8 (0·5–5·6)	2·3 (0·5–7·3)
Acute hepatitis B	0·2 (0·1–0·3)	0·4 (0·2–0·7)	0·7 (0·3–1·3)	1·0 (0·5–1·8)	1·7 (0·9–3·0)	3·0 (1·7–5·1)	4·8 (2·2–9·5)
Acute hepatitis C	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·1–0·3)	0·2 (0·1–0·4)	0·4 (0·2–0·8)	0·5 (0·2–1·0)
Acute hepatitis E	0·9 (0·3–2·1)	1·2 (0·4–2·7)	1·0 (0·4–2·1)	0·9 (0·4–1·9)	0·8 (0·3–1·7)	0·5 (0·1–1·2)	0·1 (0·0–0·5)
Other infectious diseases	0·9 (0·6–1·4)	1·2 (0·8–1·7)	1·5 (0·9–2·2)	2·0 (1·2–2·9)	2·1 (1·1–3·0)	2·3 (1·3–3·5)	3·1 (1·8–4·8)
Non-communicable diseases	29·7 (26·9–33·2)	43·9 (39·8–48·0)	58·6 (54·0–63·6)	83·9 (77·3–90·6)	128·7 (118·6–139·7)	214·8 (199·4–231·1)	368·3 (342·0–394·2)
Neoplasms	7·5 (5·9–8·7)	9·3 (7·5–10·8)	11·6 (9·4–13·3)	17·0 (14·6–19·4)	29·5 (25·8–33·9)	55·8 (49·7–63·9)	103·7 (93·0–116·6)
Esophageal cancer	<0·05 (0·0–0·05)	0·1 (0·1–0·1)	0·2 (0·1–0·2)	0·3 (0·2–0·5)	1·0 (0·6–1·5)	2·9 (1·8–4·2)	6·9 (4·4–9·4)
Stomach cancer	0·3 (0·1–0·5)	0·5 (0·2–0·8)	0·7 (0·3–1·1)	1·3 (0·8–1·8)	2·5 (1·6–3·7)	5·3 (3·6–7·9)	10·1 (6·4–14·3)
Liver cancer	0·4 (0·2–0·6)	0·8 (0·5–1·3)	1·6 (1·1–2·3)	3·0 (2·1–4·5)	6·6 (4·5–10·1)	12·0 (8·5–18·5)	19·5 (14·7–28·2)
Liver cancer secondary to hepatitis B	0·2 (0·1–0·3)	0·4 (0·2–0·6)	0·8 (0·5–1·2)	1·5 (1·0–2·3)	3·4 (2·2–5·2)	6·2 (4·3–9·9)	10·0 (7·4–14·8)
Liver cancer secondary to hepatitis C	<0·05 (0·0–0·05)	<0·05 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·4 (0·3–0·6)	1·2 (0·9–1·8)	2·7 (2·1–3·8)
Liver cancer secondary to alcohol use	<0·05 (0·0–0·05)	0·1 (0·1–0·2)	0·3 (0·2–0·5)	0·7 (0·5–1·0)	1·5 (1·1–2·3)	2·7 (1·9–3·9)	4·1 (3·1–6·0)
Other liver cancer	0·2 (0·1–0·2)	0·3 (0·2–0·4)	0·4 (0·3–0·6)	0·7 (0·5–1·0)	1·3 (0·9–2·0)	1·9 (1·4–2·8)	2·7 (2·0–3·8)
Larynx cancer	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	0·1 (0·0–0·2)	0·3 (0·1–0·6)	1·1 (0·5–1·9)	2·6 (1·2–4·7)
Trachea, bronchus and lung cancers	0·2 (0·1–0·2)	0·4 (0·2–0·6)	0·7 (0·4–0·9)	1·4 (0·9–1·9)	3·3 (2·1–4·6)	8·5 (5·9–11·4)	19·8 (14·1–27·1)
Breast cancer	–	–	–	–	–	–	–
Cervical cancer	–	–	–	–	–	–	–
Uterine cancer	–	–	–	–	–	–	–
Prostate cancer	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·5 (0·2–0·7)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Colon and rectum cancers	0·2 (0·1–0·2)	0·5 (0·4–0·6)	0·7 (0·6–0·9)	1·3 (1·0–1·6)	2·1 (1·7–2·7)	3·4 (2·9–4·4)	6·7 (5·9–8·1)
Mouth cancer	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·2 (0·1–0·3)	0·5 (0·3–0·7)	0·8 (0·5–1·1)	1·6 (1·2–2·0)	3·2 (2·5–3·9)
Nasopharynx cancer	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·5)	0·3 (0·2–0·6)	0·8 (0·4–1·5)	1·7 (0·8–3·2)	2·4 (1·2–4·4)
Cancer of other part of pharynx and oropharynx	<0·05 (0·1–0·3)	0·1 (0·0–0·2)	0·1 (0·1–0·3)	0·3 (0·1–0·5)	0·5 (0·3–0·9)	1·3 (0·7–2·0)	2·6 (1·4–3·7)
Gallbladder and biliary tract cancer	<0·05 (0·0–0·6)	0·1 (0·0–0·5)	0·1 (0·0–0·5)	0·2 (0·0–0·7)	0·4 (0·1–1·0)	0·6 (0·3–1·1)	1·1 (0·5–1·6)
Pancreatic cancer	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·3 (0·2–0·4)	0·7 (0·4–1·0)	1·6 (1·1–2·2)	3·6 (2·3–5·0)
Malignant melanoma of skin	<0·05 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·4)	0·3 (0·2–0·6)	0·5 (0·3–0·9)	0·8 (0·4–1·6)
Non-melanoma skin cancer	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·6)
Ovarian cancer	–	–	–	–	–	–	–
Testicular cancer	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·3 (0·2–0·4)	0·3 (0·2–0·4)	0·2 (0·2–0·4)	0·3 (0·2–0·4)
Kidney and other urinary organ cancers	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·5 (0·2–0·7)	1·0 (0·6–1·5)	2·3 (1·5–3·6)
Bladder cancer	<0·05 (0·1–0·05)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·2–0·3)	0·5 (0·4–0·7)	1·3 (0·9–1·6)
Brain and nervous system cancers	0·6 (0·2–0·9)	0·6 (0·2–0·9)	0·8 (0·3–1·2)	1·2 (0·5–1·7)	1·8 (0·8–2·7)	2·6 (1·2–4·2)	4·1 (1·9–6·2)
Thyroid cancer	<0·05 (0·0–0·2)	<0·05 (0·1–0·3)	<0·05 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·4)	0·4 (0·2–0·6)
Hodgkin's disease	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·4 (0·2–0·7)
Non-Hodgkin's lymphoma	0·9 (0·6–1·3)	0·9 (0·6–1·2)	0·9 (0·7–1·2)	1·1 (0·8–1·4)	1·3 (1·0–1·6)	2·1 (1·5–2·5)	3·0 (2·3–3·6)
Multiple myeloma	<0·05 (0·0–0·4)	<0·05 (0·1–0·4)	<0·05 (0·1–0·3)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·3 (0·2–0·6)	0·7 (0·4–1·2)
Leukemia	2·3 (1·6–2·9)	2·3 (1·5–2·9)	2·0 (1·4–2·5)	1·9 (1·3–2·5)	2·3 (1·6–2·9)	2·7 (2·0–3·6)	3·4 (2·4–4·4)
Other neoplasms	1·9 (1·0–2·9)	2·0 (1·1–2·8)	2·0 (1·1–3·1)	2·4 (1·3–3·6)	3·3 (1·9–5·1)	5·1 (2·9–7·6)	7·8 (4·5–11·3)
Cardiovascular and circulatory diseases	6·3 (5·5–7·3)	11·0 (9·7–12·5)	16·2 (14·6–18·1)	25·9 (23·4–28·7)	42·7 (38·6–47·5)	78·9 (72·4–87·2)	139·4 (128·5–152·0)
Rheumatic heart disease	0·7 (0·5–1·0)	1·0 (0·7–1·3)	1·4 (1·0–1·9)	1·9 (1·4–2·6)	2·4 (1·8–3·3)	3·3 (2·4–4·5)	4·8 (3·5–6·6)
Ischemic heart disease	2·0 (1·4–2·7)	4·1 (3·2–5·3)	6·5 (5·1–8·2)	11·8 (9·4–14·7)	20·5 (16·9–24·5)	40·3 (33·0–47·5)	72·2 (59·3–84·3)
Cerebrovascular disease	1·7 (1·2–2·1)	3·1 (2·2–3·8)	4·2 (3·0–5·1)	6·6 (4·9–7·9)	11·0 (8·2–13·0)	21·1 (16·2–24·5)	39·9 (31·1–46·3)
Ischemic stroke	0·2 (0·2–0·3)	0·4 (0·3–0·5)	0·6 (0·4–0·7)	0·9 (0·8–1·2)	1·4 (1·1–1·7)	2·9 (2·5–3·9)	6·8 (5·7–9·2)

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Hemorrhagic and other non-ischemic stroke	1·4 (0·9–1·9)	2·7 (1·9–3·5)	3·6 (2·6–4·6)	5·6 (4·2–7·1)	9·6 (7·0–12·2)	18·2 (13·4–22·5)	33·1 (24·7–41·0)
Hypertensive heart disease	0·2 (0·2–0·3)	0·4 (0·3–0·5)	0·6 (0·5–0·8)	1·0 (0·7–1·3)	1·9 (1·3–2·5)	3·6 (2·7–4·5)	6·4 (5·0–8·0)
Cardiomyopathy and myocarditis	0·8 (0·6–1·1)	1·1 (0·8–1·5)	1·6 (1·3–2·1)	2·2 (1·7–2·9)	3·2 (2·6–4·1)	5·5 (4·1–7·4)	7·9 (6·3–9·9)
Atrial fibrillation and flutter	–	–	–	<0·05 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)
Aortic aneurysm	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·5)	0·4 (0·3–0·7)	0·8 (0·5–1·4)	1·4 (0·9–2·4)
Peripheral vascular disease	–	–	–	–	–	0·1 (0·0–0·2)	0·2 (0·1–0·3)
Endocarditis	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·4 (0·2–0·6)	0·3 (0·2–0·5)	0·5 (0·3–0·8)	0·7 (0·4–1·2)	0·8 (0·5–1·1)
Other cardiovascular and circulatory diseases	0·7 (0·6–0·8)	1·0 (0·8–1·2)	1·3 (1·1–1·6)	1·7 (1·5–2·0)	2·7 (2·3–3·2)	3·5 (3·1–4·0)	5·6 (4·9–6·4)
Chronic respiratory diseases	1·9 (1·5–2·3)	2·8 (2·3–3·4)	3·9 (3·3–4·7)	4·8 (4·0–5·9)	7·1 (5·7–9·0)	11·0 (8·8–13·7)	20·6 (17·0–26·2)
Chronic obstructive pulmonary disease	0·6 (0·4–1·0)	1·0 (0·7–1·5)	1·4 (0·9–2·1)	1·9 (1·3–2·8)	3·1 (2·0–4·6)	5·7 (4·0–8·3)	12·0 (8·4–17·1)
Pneumoconiosis	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·5)	0·4 (0·1–0·7)	0·5 (0·2–1·0)	0·9 (0·4–1·8)
Asthma	0·7 (0·4–1·4)	0·9 (0·6–1·8)	1·3 (0·8–2·4)	1·4 (0·9–2·6)	1·8 (1·1–3·8)	2·4 (1·5–4·6)	4·2 (2·5–8·5)
Other interstitial lung disease	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·5 (0·3–0·9)	0·9 (0·5–1·5)
Other chronic respiratory diseases	0·4 (0·3–0·7)	0·7 (0·4–1·0)	0·9 (0·7–1·4)	1·0 (0·7–1·5)	1·5 (1·0–2·1)	1·9 (1·2–2·7)	2·7 (1·7–3·9)
Cirrhosis of the liver	0·8 (0·6–1·1)	1·8 (1·2–2·4)	3·9 (2·8–5·0)	8·5 (6·2–11·3)	14·6 (10·7–19·0)	23·6 (17·5–30·1)	36·4 (26·8–45·0)
Cirrhosis of the liver secondary to hepatitis B	0·2 (0·2–0·3)	0·5 (0·4–0·7)	1·0 (0·7–1·3)	2·0 (1·6–2·8)	3·6 (2·7–5·0)	6·3 (4·7–8·5)	10·2 (7·5–13·7)
Cirrhosis of the liver secondary to hepatitis C	0·1 (0·1–0·2)	0·2 (0·2–0·3)	0·5 (0·4–0·7)	1·1 (0·8–1·4)	2·0 (1·4–2·7)	3·9 (2·9–5·0)	7·1 (5·1–9·0)
Cirrhosis of the liver secondary to alcohol use	0·1 (0·0–0·1)	0·4 (0·3–0·6)	1·3 (0·9–1·7)	3·3 (2·5–4·5)	5·9 (4·3–8·0)	9·1 (6·7–11·8)	13·5 (9·6–17·1)
Other cirrhosis of the liver	0·4 (0·3–0·6)	0·7 (0·5–0·9)	1·1 (0·9–1·5)	2·1 (1·6–2·8)	3·1 (2·2–4·1)	4·3 (3·1–5·5)	5·6 (3·9–7·1)
Digestive diseases (except cirrhosis)	1·9 (1·4–2·5)	3·2 (2·4–4·1)	4·3 (3·3–5·5)	6·4 (4·9–7·9)	8·5 (6·6–10·9)	11·1 (8·4–14·6)	16·1 (12·3–20·2)
Peptic ulcer disease	0·5 (0·3–0·8)	0·9 (0·5–1·3)	1·2 (0·8–1·7)	1·9 (1·2–2·8)	2·5 (1·7–3·8)	3·2 (2·3–4·7)	4·8 (3·4–7·0)
Gastritis and duodenitis	<0·05 (0·0–0·05)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)
Appendicitis	0·1 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·3 (0·1–0·5)	0·3 (0·1–0·5)	0·3 (0·1–0·5)	0·4 (0·2–0·7)
Paralytic ileus and intestinal obstruction without hernia	0·3 (0·2–0·5)	0·5 (0·3–0·8)	0·6 (0·3–0·9)	0·8 (0·5–1·3)	1·0 (0·6–1·8)	1·2 (0·8–2·1)	1·7 (1·0–3·1)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Inguinal or femoral hernia	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·2 (0·2–0·2)
Noninfective inflammatory bowel disease	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·2–0·3)	0·2 (0·2–0·3)	0·3 (0·2–0·5)
Vascular disorders of intestine	<0·05 (0·0–0·2)	<0·05 (0·0–0·3)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·2 (0·0–0·7)	0·4 (0·1–1·3)
Gall bladder and bile duct disease	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·2–0·4)	0·3 (0·2–0·6)	0·5 (0·3–0·7)	0·7 (0·5–1·0)
Pancreatitis	0·1 (0·1–0·2)	0·3 (0·2–0·5)	0·7 (0·4–1·0)	1·0 (0·7–1·5)	1·3 (0·9–1·8)	1·6 (1·1–2·3)	2·1 (1·5–3·0)
Other digestive diseases	0·5 (0·3–0·9)	0·9 (0·6–1·5)	1·2 (0·8–1·8)	1·8 (1·2–2·9)	2·5 (1·7–4·2)	3·5 (2·3–5·8)	5·3 (3·5–8·8)
Neurological disorders	4·8 (3·3–7·2)	5·6 (3·9–8·0)	5·6 (4·1–7·8)	6·0 (4·2–9·5)	6·5 (4·7–10·0)	7·8 (5·5–12·3)	10·7 (7·5–16·8)
Alzheimer's disease and other dementias	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·6 (0·4–1·1)
Parkinson's disease	–	<0·05 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·2 (0·1–0·2)
Epilepsy	2·0 (1·2–2·6)	2·7 (1·7–3·5)	2·9 (1·8–3·8)	2·7 (1·8–3·6)	2·6 (1·7–3·5)	2·6 (1·7–3·6)	2·9 (1·8–4·1)
Multiple sclerosis	–	<0·05 (0·1–0·05)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·4 (0·3–0·6)
Other neurological disorders	2·7 (1·5–5·1)	2·7 (1·4–5·0)	2·4 (1·4–4·7)	3·0 (1·6–6·4)	3·3 (1·9–6·9)	4·5 (2·4–8·9)	6·6 (3·5–12·4)
Mental and behavioral disorders	0·7 (0·4–1·1)	2·1 (1·2–3·5)	3·8 (2·3–6·0)	4·8 (3·1–7·3)	5·8 (3·8–9·5)	7·5 (4·8–11·9)	10·2 (6·1–16·5)
Schizophrenia	–	–	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·4 (0·3–0·7)	0·5 (0·3–0·7)	0·6 (0·4–0·8)
Alcohol use disorders	0·1 (0·0–0·2)	0·4 (0·1–0·6)	0·9 (0·4–1·6)	1·7 (0·7–3·2)	2·8 (1·2–5·0)	4·3 (2·1–7·5)	6·7 (3·1–12·2)
Drug use disorders	0·5 (0·3–0·9)	1·7 (0·8–2·9)	2·6 (1·2–4·6)	2·6 (1·3–4·6)	2·3 (1·1–4·5)	2·5 (1·1–5·1)	2·6 (1·1–5·0)
Opioid use disorders	0·3 (0·1–0·5)	0·9 (0·4–1·7)	1·4 (0·7–2·6)	1·5 (0·8–2·6)	1·3 (0·6–2·6)	1·4 (0·6–2·8)	1·5 (0·6–2·9)
Cocaine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·2 (0·1–0·4)	0·7 (0·3–1·3)	1·1 (0·5–2·0)	1·1 (0·6–2·1)	1·0 (0·5–1·9)	1·1 (0·5–2·1)	1·1 (0·4–2·0)
Eating disorders	<0·05 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other mental and behavioral disorders	<0·05 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·4)
Diabetes, urogenital, blood, and endocrine diseases	3·9 (3·1–5·6)	5·9 (4·7–7·5)	7·0 (5·9–9·4)	8·6 (7·2–11·1)	11·5 (9·6–15·0)	16·3 (13·7–20·8)	27·3 (22·3–33·8)
Diabetes mellitus	0·5 (0·3–0·7)	1·0 (0·7–1·4)	1·5 (1·2–2·0)	2·4 (1·8–3·1)	3·9 (2·7–5·0)	6·4 (4·5–7·7)	12·3 (8·9–14·5)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Acute glomerulonephritis	0·7 (0·2–2·3)	0·6 (0·2–2·0)	0·9 (0·2–3·1)	0·9 (0·3–2·9)	1·1 (0·3–4·2)	1·4 (0·3–5·0)	1·6 (0·5–5·4)
Chronic kidney diseases	1·1 (0·9–1·5)	2·2 (1·6–2·8)	2·3 (1·8–2·8)	2·9 (2·3–3·5)	3·8 (3·1–4·5)	5·1 (4·2–6·1)	8·4 (6·8–10·0)
Chronic kidney disease due to diabetes mellitus	<0·05 (0·0–0·05)	0·1 (0·1–0·1)	0·2 (0·1–0·2)	0·3 (0·3–0·4)	0·6 (0·5–0·7)	0·9 (0·8–1·2)	1·9 (1·5–2·3)
Chronic kidney disease due to hypertension	0·2 (0·1–0·2)	0·4 (0·3–0·5)	0·5 (0·4–0·6)	0·6 (0·5–0·8)	0·9 (0·7–1·1)	1·3 (1·1–1·6)	2·1 (1·7–2·5)
Chronic kidney disease unspecified	1·0 (0·7–1·2)	1·7 (1·2–2·2)	1·7 (1·3–2·0)	1·9 (1·5–2·4)	2·3 (1·9–2·8)	2·9 (2·4–3·5)	4·4 (3·6–5·3)
Urinary diseases and male infertility	0·2 (0·1–0·4)	0·4 (0·2–0·6)	0·6 (0·3–0·8)	0·7 (0·4–1·0)	0·9 (0·5–1·3)	1·2 (0·7–1·8)	1·9 (1·1–2·9)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·4)	0·3 (0·2–0·5)	0·4 (0·2–0·7)	0·6 (0·3–0·9)	1·0 (0·5–1·6)
Urolithiasis	<0·05 (0·0–0·05)	<0·05 (0·1–0·2)	<0·05 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·4)
Other urinary diseases	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·4)	0·3 (0·2–0·5)	0·4 (0·2–0·6)	0·5 (0·2–0·7)	0·7 (0·4–1·1)
Gynecological diseases	–	–	–	–	–	–	–
Uterine fibroids	–	–	–	–	–	–	–
Endometriosis	–	–	–	–	–	–	–
Genital prolapse	–	–	–	–	–	–	–
Other gynecological diseases	–	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	0·7 (0·5–1·1)	0·7 (0·5–1·2)	0·7 (0·5–1·1)	0·6 (0·4–1·0)	0·6 (0·4–0·9)	0·6 (0·4–1·1)	0·7 (0·5–1·1)
Thalassemias	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·4)	0·3 (0·2–0·4)	0·2 (0·2–0·4)	0·3 (0·2–0·4)	0·2 (0·2–0·3)
Sickle cell disorders	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·2 (0·1–0·3)	0·1 (0·1–0·3)	0·1 (0·1–0·3)	0·2 (0·1–0·3)
G6PD deficiency	<0·05 (0·1–0·2)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·1)
Other hemoglobinopathies and hemolytic anemias	0·1 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·2 (0·0–0·4)	0·2 (0·1–0·5)	0·3 (0·1–0·5)
Other endocrine, nutritional, blood, and immune disorders	0·6 (0·3–1·2)	0·8 (0·3–1·5)	1·0 (0·4–1·8)	1·1 (0·5–2·2)	1·2 (0·5–2·4)	1·6 (0·7–3·6)	2·3 (1·2–5·0)
Musculoskeletal disorders	0·3 (0·2–0·5)	0·4 (0·2–0·7)	0·5 (0·3–0·8)	0·5 (0·3–0·9)	0·6 (0·3–1·1)	0·8 (0·4–1·4)	1·2 (0·7–2·0)
Rheumatoid arthritis	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·2–0·5)
Other musculoskeletal disorders	0·3 (0·1–0·4)	0·3 (0·2–0·6)	0·4 (0·2–0·7)	0·4 (0·2–0·6)	0·5 (0·2–0·8)	0·6 (0·3–1·0)	0·9 (0·5–1·5)
Other non-communicable diseases	1·8 (1·3–2·4)	1·9 (1·3–2·5)	2·0 (1·4–2·6)	1·5 (1·1–1·8)	1·9 (1·3–2·5)	2·0 (1·5–2·5)	2·8 (2·0–3·6)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Males, 15-19 Years**	**Males, 20-24 Years**	**Males, 25-29 Years**	**Males, 30-34 Years**	**Males, 35-39 Years**	**Males, 40-44 Years**	**Males, 45-49 Years**
Congenital anomalies	1·6 (1·1–2·2)	1·6 (1·0–2·2)	1·5 (1·0–2·2)	0·9 (0·6–1·2)	1·1 (0·7–1·5)	1·2 (0·8–1·5)	1·7 (1·1–2·3)
Neural tube defects	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Congenital heart anomalies	1·0 (0·7–1·5)	1·0 (0·7–1·4)	0·9 (0·6–1·4)	0·5 (0·4–0·7)	0·6 (0·4–0·7)	0·5 (0·4–0·7)	0·7 (0·5–1·0)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)
Other chromosomal abnormalities	<0·05 (0·1–0·2)	<0·05 (0·1–0·2)	<0·05 (0·1–0·2)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Other congenital anomalies	0·4 (0·2–0·6)	0·3 (0·2–0·5)	0·4 (0·2–0·6)	0·2 (0·2–0·3)	0·3 (0·2–0·6)	0·4 (0·3–0·7)	0·6 (0·4–1·1)
Skin and subcutaneous diseases	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·4 (0·3–0·6)	0·6 (0·3–0·8)	0·8 (0·4–1·3)	0·8 (0·5–1·2)	1·1 (0·6–1·6)
Cellulitis	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·3 (0·2–0·4)	0·4 (0·2–0·6)
Abscess, impetigo, and other bacterial skin diseases	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·2–0·3)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·5 (0·3–0·6)
Decubitus ulcer	<0·05 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·1–0·4)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	71·3 (62·9–83·3)	113·2 (99·0–128·6)	116·5 (101·0–133·8)	109·9 (95·2–127·0)	108·9 (92·1–128·9)	109·9 (93·2–131·1)	120·4 (102·5–142·9)
Transport injuries	24·7 (18·3–32·9)	39·5 (29·1–50·7)	39·8 (28·8–54·4)	35·4 (25·6–50·8)	35·8 (24·9–53·0)	35·2 (24·3–51·1)	37·5 (27·2–57·6)
Road injury	23·6 (17·2–31·1)	37·4 (26·9–49·9)	37·8 (28·0–51·7)	33·5 (23·8–47·7)	34·1 (23·9–50·1)	33·5 (22·3–50·3)	35·7 (23·8–54·7)
Pedestrian injury by road vehicle	7·2 (4·6–11·6)	10·9 (7·0–16·3)	11·7 (7·6–19·1)	10·9 (7·0–18·2)	11·6 (7·0–19·4)	12·0 (7·1–21·0)	12·6 (7·9–21·5)
Pedal cycle vehicle	1·6 (1·0–2·4)	2·0 (1·3–3·1)	2·1 (1·3–3·3)	1·8 (1·1–2·8)	1·8 (1·1–2·7)	1·7 (1·1–2·6)	2·1 (1·3–3·3)
Motorized vehicle with two wheels	5·1 (3·6–7·1)	8·4 (5·6–11·4)	8·2 (5·6–10·9)	6·6 (4·7–8·9)	6·6 (4·5–9·6)	5·9 (3·9–8·8)	6·4 (4·1–9·8)
Motorized vehicle with three or more wheels	8·3 (6·0–10·7)	14·1 (9·6–18·4)	13·6 (9·5–18·0)	12·0 (8·4–15·9)	12·0 (8·2–17·1)	11·6 (7·9–16·6)	12·2 (8·5–16·8)
Road injury other	1·4 (0·5–3·6)	1·9 (0·7–5·5)	2·2 (0·8–6·3)	2·1 (0·7–6·3)	2·1 (0·6–6·7)	2·3 (0·6–8·7)	2·4 (0·6–9·2)
Other transport injury	1·1 (0·8–1·7)	2·1 (1·4–2·9)	2·0 (1·4–3·0)	1·9 (1·4–2·7)	1·7 (1·2–2·4)	1·7 (1·2–2·8)	1·8 (1·3–2·7)
Unintentional injuries other than transport injuries	21·2 (18·2–24·3)	31·0 (26·4–35·5)	32·0 (27·1–37·0)	32·7 (27·4–38·6)	34·8 (28·6–40·8)	36·9 (30·3–44·0)	41·5 (33·9–48·7)
Falls	2·6 (1·7–3·8)	4·5 (2·8–6·7)	4·8 (3·1–6·7)	5·4 (3·4–7·9)	6·5 (4·1–9·6)	7·9 (4·9–11·6)	9·7 (6·0–14·2)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Males, 15-19 Years**	**Males, 20-24 Years**	**Males, 25-29 Years**	**Males, 30-34 Years**	**Males, 35-39 Years**	**Males, 40-44 Years**	**Males, 45-49 Years**
Drowning	7·4 (5·8–10·2)	7·4 (5·8–10·2)	6·2 (4·9–9·0)	5·7 (4·4–8·4)	5·6 (4·3–8·0)	5·7 (4·3–8·5)	6·0 (4·6–8·7)
Fire, heat and hot substances	2·1 (1·1–3·7)	3·6 (2·0–6·0)	4·2 (2·3–6·8)	4·4 (2·3–8·1)	4·3 (2·2–8·2)	4·3 (2·2–8·1)	4·2 (2·3–7·6)
Poisonings	1·6 (1·0–2·5)	3·2 (1·9–4·9)	3·7 (2·2–5·7)	3·9 (2·3–5·9)	4·4 (2·4–6·9)	4·8 (2·5–7·6)	5·0 (2·8–7·3)
Exposure to mechanical forces	3·1 (1·8–4·4)	5·2 (3·2–7·1)	5·7 (3·4–7·9)	5·7 (3·4–8·2)	5·7 (3·2–8·7)	5·6 (3·3–8·1)	6·4 (3·4–8·9)
Mechanical forces (firearm)	1·6 (1·0–2·5)	2·5 (1·4–3·7)	2·4 (1·4–3·4)	2·2 (1·2–3·3)	1·9 (1·0–3·2)	1·7 (1·0–2·7)	1·7 (0·9–2·7)
Mechanical forces (other)	1·5 (0·7–2·6)	2·7 (1·4–4·0)	3·4 (1·8–4·9)	3·5 (1·9–5·5)	3·7 (2·1–6·1)	3·9 (2·2–5·9)	4·7 (2·6–6·8)
Adverse effects of medical treatment	0·4 (0·3–0·6)	0·7 (0·5–1·0)	0·7 (0·5–1·0)	0·7 (0·5–1·0)	0·8 (0·6–1·1)	0·8 (0·6–1·2)	1·2 (0·9–1·5)
Animal contact	0·6 (0·3–1·2)	0·9 (0·4–1·6)	0·8 (0·4–1·5)	0·8 (0·4–1·5)	0·9 (0·4–1·6)	0·8 (0·4–1·5)	1·2 (0·5–2·3)
Animal contact (venomous)	0·5 (0·2–1·1)	0·7 (0·3–1·4)	0·6 (0·2–1·3)	0·6 (0·2–1·5)	0·7 (0·2–1·6)	0·7 (0·3–1·5)	0·9 (0·3–2·4)
Animal contact (non-venomous)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·4)
Unintentional injuries not classified elsewhere	3·3 (2·5–4·4)	5·6 (4·3–7·6)	5·9 (4·6–7·7)	6·1 (4·8–7·9)	6·7 (5·1–8·7)	7·0 (5·3–8·8)	7·9 (5·8–10·5)
Self-harm and interpersonal violence	20·7 (16·0–26·0)	37·6 (29·0–46·3)	39·5 (31·4–49·0)	37·3 (28·9–47·0)	34·4 (26·8–45·1)	33·8 (26·4–45·1)	36·8 (27·6–49·1)
Self-harm	9·7 (6·7–14·1)	17·8 (11·4–25·3)	18·2 (12·2–25·1)	18·3 (12·4–25·7)	19·1 (12·4–27·2)	21·0 (14·3–31·0)	24·8 (16·1–35·5)
Interpersonal violence	10·9 (7·6–14·0)	19·8 (13·7–26·0)	21·4 (15·1–29·2)	19·0 (12·9–26·8)	15·3 (10·7–22·3)	12·8 (8·7–18·5)	12·0 (8·3–19·6)
Assault by firearm	6·0 (4·2–7·5)	10·2 (7·8–12·4)	10·7 (8·0–13·4)	9·3 (6·7–12·0)	7·4 (5·4–10·2)	6·0 (4·1–8·3)	5·2 (3·8–7·8)
Assault by sharp object	2·8 (1·5–4·1)	5·6 (3·1–8·7)	6·2 (3·5–9·9)	5·6 (3·3–9·5)	4·4 (2·6–7·4)	3·6 (2·1–6·5)	3·6 (2·0–6·4)
Assault by other means	2·1 (1·4–3·0)	4·0 (2·8–5·6)	4·5 (2·9–6·3)	4·0 (2·6–5·8)	3·5 (2·4–5·1)	3·1 (2·1–4·7)	3·2 (2·1–4·9)
Forces of nature, war, and legal intervention	4·7 (1·8–13·9)	5·0 (2·0–13·7)	5·2 (2·1–13·7)	4·5 (2·0–11·6)	3·9 (1·8–9·5)	4·1 (2·0–9·5)	4·6 (2·3–9·9)
Exposure to forces of nature	4·5 (1·6–13·4)	4·7 (1·8–13·1)	4·9 (1·9–13·1)	4·2 (1·8–10·9)	3·6 (1·6–8·8)	3·8 (1·8–8·7)	4·2 (2·1–9·0)
Collective violence and legal intervention	0·3 (0·1–0·5)	0·3 (0·2–0·7)	0·3 (0·2–0·7)	0·3 (0·2–0·7)	0·3 (0·2–0·7)	0·3 (0·2–0·7)	0·4 (0·2–0·9)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
All causes	911·8 (844·4–986·5)	1,297·5 (1,209·6–1,386·0)	1,932·8 (1,808·1–2,051·1)	2,885·8 (2,720·5–3,039·5)	4,367·1 (4,149·5–4,564·0)	6,532·0 (6,275·6–6,782·8)	12,877·4 (12,548·5–13,180·5)
Communicable, maternal, neonatal, and nutritional disorders	150·0 (123·5–179·2)	163·3 (133·5–198·0)	219·5 (177·7–264·5)	304·4 (249·6–365·9)	424·1 (351·4–500·9)	619·5 (516·7–720·6)	1,395·8 (1,157·6–1,603·6)
HIV/AIDS and tuberculosis	70·6 (52·5–88·7)	64·7 (46·2–84·6)	76·2 (51·4–103·2)	94·6 (62·3–130·9)	103·8 (68·5–146·7)	115·7 (77·5–165·6)	128·2 (80·9–193·9)
Tuberculosis	40·0 (25·3–55·4)	46·9 (31·7–64·1)	64·7 (42·2–89·9)	88·1 (57·1–124·0)	100·9 (65·3–144·3)	115·7 (77·5–165·6)	128·2 (80·9–193·9)
HIV/AIDS	30·5 (22·6–39·5)	17·8 (9·7–27·4)	11·5 (4·5–22·5)	6·6 (2·6–17·3)	3·0 (1·6–7·1)	–	–
HIV disease resulting in mycobacterial infection	4·9 (3·4–6·5)	2·8 (1·3–4·5)	1·7 (0·5–3·7)	0·9 (0·2–2·8)	0·3 (0·1–1·1)	–	–
HIV disease resulting in other specified or unspecified diseases	25·7 (19·2–33·1)	15·0 (8·3–22·6)	9·7 (4·1–18·8)	5·7 (2·3–14·5)	2·6 (1·5–6·0)	–	–
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	46·2 (35·9–57·6)	59·4 (45·0–75·6)	90·9 (68·1–114·0)	139·4 (107·9–171·0)	232·7 (179·8–287·3)	385·3 (305·1–462·4)	1,068·2 (861·1–1,264·5)
Diarrheal diseases	11·7 (8·2–18·5)	15·6 (9·6–25·6)	25·5 (15·5–42·2)	35·2 (22·5–54·3)	55·9 (34·6–91·7)	74·7 (45·1–124·3)	150·0 (100·7–222·0)
Cholera	0·3 (0·2–0·6)	0·3 (0·2–0·6)	0·4 (0·2–0·8)	0·3 (0·2–0·6)	0·3 (0·1–0·8)	0·4 (0·2–0·8)	0·6 (0·2–1·2)
Other salmonella infections	0·8 (0·5–1·4)	1·0 (0·5–1·7)	1·4 (0·8–2·6)	1·7 (1·0–3·0)	2·5 (1·4–4·6)	3·5 (1·9–6·3)	7·9 (4·6–13·3)
Shigellosis	1·1 (0·6–1·9)	1·5 (0·8–2·7)	2·5 (1·3–4·7)	3·5 (1·9–6·1)	5·6 (3·0–10·6)	7·6 (3·9–14·3)	15·3 (8·6–25·7)
Enteropathogenic E coli infection	0·1 (0·1–0·2)	0·2 (0·1–0·4)	0·4 (0·2–0·8)	0·6 (0·3–1·1)	1·1 (0·6–2·1)	1·8 (0·9–3·5)	5·0 (2·7–9·4)
Enterotoxigenic E coli infection	1·4 (0·9–2·4)	1·8 (1·0–3·2)	2·9 (1·6–5·5)	3·9 (2·2–6·5)	6·0 (3·2–11·1)	7·6 (4·1–14·7)	14·5 (8·4–23·6)
Campylobacter enteritis	0·6 (0·3–1·1)	0·8 (0·4–1·4)	1·3 (0·7–2·5)	1·7 (0·9–3·2)	3·0 (1·6–5·8)	4·8 (2·4–9·5)	12·5 (6·9–21·7)
Amoebiasis	0·7 (0·4–1·2)	1·0 (0·6–1·7)	1·7 (0·9–3·2)	2·4 (1·4–4·2)	3·9 (2·1–7·3)	5·2 (2·7–10·0)	10·2 (5·5–17·5)
Cryptosporidiosis	0·2 (0·1–0·4)	0·3 (0·2–0·5)	0·5 (0·3–1·0)	0·7 (0·4–1·2)	1·0 (0·5–2·1)	1·4 (0·7–2·7)	2·7 (1·4–4·6)
Rotaviral enteritis	1·0 (0·6–1·6)	1·4 (0·8–2·4)	2·4 (1·3–4·5)	3·5 (2·0–5·8)	5·6 (3·1–10·4)	6·9 (3·7–12·9)	11·7 (6·8–19·3)
Other diarrheal diseases	5·5 (3·0–9·9)	7·4 (3·7–13·5)	12·2 (6·0–22·7)	16·9 (9·0–31·1)	26·9 (13·4–49·5)	35·5 (17·6–69·9)	69·9 (37·3–120·5)
Typhoid and paratyphoid fevers	1·6 (0·2–3·1)	1·4 (0·2–2·6)	1·2 (0·1–2·2)	1·4 (0·2–2·7)	2·1 (0·2–3·9)	2·6 (0·3–5·0)	3·2 (0·4–6·2)
Lower respiratory infections	25·1 (18·4–33·1)	34·9 (24·2–46·5)	54·4 (37·2–69·1)	91·9 (66·1–116·1)	160·4 (113·7–195·7)	290·2 (219·5–352·8)	886·9 (685·5–1,064·3)
Influenza	5·7 (4·2–7·5)	7·6 (5·3–10·3)	11·5 (7·9–14·6)	18·7 (13·3–23·7)	31·3 (22·2–38·3)	54·4 (40·8–66·4)	153·2 (117·8–186·3)
Pneumococcal pneumonia	7·1 (5·2–9·4)	10·0 (6·9–13·1)	15·8 (10·8–19·8)	26·9 (19·3–34·0)	47·6 (33·7–57·9)	87·4 (65·8–105·9)	277·0 (215·9–329·9)

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Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
H influenzae type B pneumonia	3·5 (2·6–4·6)	4·5 (3·1–6·1)	6·4 (4·5–8·1)	9·7 (6·9–12·3)	15·2 (10·8–18·6)	24·3 (18·2–29·5)	55·7 (42·5–67·7)
Respiratory syncytial virus pneumonia	0·3 (0·2–0·3)	0·3 (0·2–0·5)	0·5 (0·4–0·7)	0·9 (0·7–1·2)	1·6 (1·1–2·0)	2·9 (2·2–3·5)	8·9 (6·9–10·6)
Other lower respiratory infections	8·5 (6·2–11·4)	12·4 (8·5–16·9)	20·2 (13·9–26·3)	35·7 (25·2–45·6)	64·7 (45·6–79·5)	121·3 (90·7–148·7)	392·1 (303·7–473·5)
Upper respiratory infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·3 (0·2–0·3)	0·7 (0·6–0·9)
Otitis media	<0·05 (0·0–0·7)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	0·1 (0·0–0·6)	0·1 (0·0–0·7)	0·1 (0·0–1·1)
Meningitis	5·1 (2·9–7·5)	4·8 (3·1–7·3)	6·8 (4·1–10·5)	7·7 (5·2–11·6)	9·9 (6·4–16·7)	12·3 (8·2–20·3)	18·6 (10·3–33·4)
Pneumococcal meningitis	1·7 (1·0–2·7)	1·6 (1·0–2·5)	2·2 (1·3–3·5)	2·3 (1·5–3·6)	2·9 (1·8–5·0)	3·3 (2·1–5·7)	4·2 (2·1–8·3)
H influenzae type B meningitis	0·3 (0·2–0·6)	0·4 (0·2–0·6)	0·6 (0·3–0·9)	0·7 (0·4–1·1)	1·0 (0·6–1·8)	1·3 (0·8–2·3)	2·3 (1·2–4·6)
Meningococcal infection	0·9 (0·6–1·3)	0·8 (0·6–1·2)	1·2 (0·7–1·7)	1·3 (0·9–1·9)	1·5 (1·0–2·3)	1·7 (1·1–2·6)	2·0 (1·1–3·3)
Other meningitis	2·0 (1·2–3·0)	2·0 (1·3–3·0)	2·9 (1·8–4·4)	3·4 (2·3–5·1)	4·6 (3·0–7·6)	6·0 (4·0–9·8)	10·0 (5·9–17·5)
Encephalitis	2·0 (0·9–3·8)	1·8 (0·9–3·7)	2·5 (1·2–4·9)	2·3 (1·1–4·8)	3·3 (1·4–7·1)	3·9 (1·9–8·2)	6·5 (2·9–14·2)
Diphtheria	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	–	–	–	–	–
Whooping cough	<0·05 (0·0–0·4)	0·2 (0·0–0·8)	–	–	–	–	–
Tetanus	0·5 (0·0–2·2)	0·6 (0·0–2·8)	0·4 (0·0–2·0)	0·6 (0·0–3·0)	0·8 (0·0–3·8)	0·9 (0·0–4·4)	0·9 (0·0–4·2)
Measles	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	–	–	–	–	–
Varicella	<0·05 (0·0–0·5)	<0·05 (0·0–0·4)	0·1 (0·0–0·4)	0·1 (0·0–0·6)	0·1 (0·0–0·9)	0·3 (0·0–2·1)	1·3 (0·0–8·4)
Neglected tropical diseases and malaria	13·1 (7·9–22·6)	15·5 (9·0–27·1)	18·7 (11·1–31·1)	23·1 (14·1–35·9)	27·8 (16·3–45·5)	34·6 (20·3–59·3)	41·4 (24·8–70·1)
Malaria	10·5 (5·4–19·6)	12·3 (6·2–23·4)	14·9 (8·0–27·1)	18·2 (9·5–30·6)	22·0 (11·0–40·1)	27·4 (13·4–49·7)	31·4 (15·8–57·7)
Chagas disease	0·4 (0·1–1·4)	0·5 (0·1–1·9)	0·7 (0·2–2·8)	1·0 (0·2–3·9)	1·2 (0·3–4·5)	1·5 (0·3–5·9)	2·7 (0·7–9·4)
Leishmaniasis	0·8 (0·5–1·3)	0·8 (0·5–1·3)	0·8 (0·5–1·3)	0·9 (0·6–1·4)	1·1 (0·6–1·7)	1·1 (0·6–1·9)	1·4 (0·8–2·2)
African trypanosomiasis	0·1 (0·0–0·3)	0·1 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Schistosomiasis	0·3 (0·0–1·7)	0·4 (0·0–2·6)	0·6 (0·0–3·4)	0·7 (0·0–4·2)	0·9 (0·0–5·2)	1·1 (0·0–6·3)	0·8 (0·0–4·6)
Cysticercosis	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·2)

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Echinococcosis	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·1 (0·0–0·5)	0·2 (0·0–0·6)
Dengue	0·2 (0·0–0·4)	0·2 (0·1–0·4)	0·2 (0·1–0·5)	0·3 (0·1–0·6)	0·3 (0·1–0·6)	0·5 (0·1–1·0)	1·1 (0·3–2·0)
Rabies	0·5 (0·2–1·1)	0·6 (0·2–1·2)	0·6 (0·2–1·3)	0·9 (0·3–2·1)	0·9 (0·4–2·0)	0·8 (0·3–1·6)	0·6 (0·2–1·3)
Intestinal nematode infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·3)
Ascariasis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·3)
Other neglected tropical diseases	0·4 (0·2–0·8)	0·5 (0·2–1·0)	0·6 (0·3–1·2)	1·0 (0·4–2·2)	1·3 (0·5–2·7)	2·0 (0·7–4·4)	3·2 (1·1–8·0)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	4·5 (3·1–6·8)	6·1 (4·2–9·4)	11·6 (7·6–18·2)	17·5 (11·3–27·6)	26·2 (18·0–41·7)	42·4 (28·7–67·0)	107·2 (71·4–167·5)
Protein-energy malnutrition	3·8 (2·3–6·2)	5·1 (3·2–8·0)	9·9 (6·0–16·1)	14·8 (8·8–24·5)	22·2 (13·8–37·8)	35·8 (21·8–59·9)	86·8 (49·6–144·7)
Iodine deficiency	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·2 (0·1–0·2)	0·7 (0·4–0·9)
Iron-deficiency anemia	0·6 (0·4–0·8)	0·8 (0·5–1·0)	1·4 (0·9–1·9)	2·2 (1·4–2·9)	3·1 (2·1–4·2)	5·1 (3·2–6·5)	14·5 (8·4–17·7)
Other nutritional deficiencies	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·3 (0·2–0·4)	0·4 (0·3–0·5)	0·7 (0·5–0·9)	1·3 (0·8–1·7)	5·2 (2·8–6·4)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Other communicable, maternal, neonatal, and nutritional	15·6 (10·2–27·5)	17·6 (11·7–28·5)	22·1 (15·7–34·9)	29·8 (20·2–44·1)	33·6 (23·2–49·2)	41·5 (28·8–59·4)	50·9 (34·8–71·2)
Sexually transmitted diseases excluding HIV	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·3 (0·2–0·6)	0·4 (0·3–0·8)	0·6 (0·4–1·0)	0·8 (0·5–1·4)
Syphilis	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·3 (0·2–0·6)	0·4 (0·3–0·7)	0·6 (0·4–1·0)	0·8 (0·5–1·3)
Sexually transmitted chlamydial diseases	–	–	–	–	–	–	–
Gonococcal infection	–	–	–	–	–	–	–
Other sexually transmitted diseases	–	–	–	–	–	–	–
Hepatitis	11·4 (6·4–23·3)	12·3 (7·0–22·5)	13·7 (8·5–25·1)	15·8 (9·7–26·8)	16·2 (10·3–27·1)	17·0 (11·2–27·3)	15·3 (10·2–24·1)
Acute hepatitis A	3·8 (0·9–13·2)	4·0 (1·0–11·9)	4·8 (1·4–16·0)	5·5 (1·7–16·5)	5·7 (1·6–16·6)	5·8 (1·6–18·2)	5·8 (1·6–16·7)
Acute hepatitis B	6·7 (3·3–14·4)	7·6 (3·8–15·3)	8·1 (4·0–14·6)	9·3 (4·7–17·8)	9·4 (5·0–17·2)	9·9 (5·1–16·2)	8·4 (4·7–13·0)
Acute hepatitis C	0·7 (0·3–1·6)	0·6 (0·3–1·2)	0·7 (0·4–1·3)	0·9 (0·5–1·6)	1·2 (0·6–2·1)	1·3 (0·7–2·3)	1·0 (0·6–1·7)
Acute hepatitis E	0·2 (0·0–0·5)	0·1 (0·0–0·3)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Other infectious diseases	4·0 (2·2–6·5)	5·2 (2·8–8·5)	8·1 (4·6–12·8)	13·6 (7·6–23·2)	16·9 (9·2–29·8)	23·9 (12·9–39·4)	34·8 (19·9–54·8)
Non-communicable diseases	630·9 (591·2–678·8)	1,001·7 (937·3–1,066·4)	1,571·8 (1,481·0–1,656·0)	2,421·5 (2,295·6–2,550·4)	3,750·7 (3,576·8–3,914·5)	5,664·6 (5,451·4–5,881·8)	11,023·5 (10,771·8–11,265·4)
Neoplasms	192·0 (170·8–216·6)	324·9 (283·9–362·4)	494·8 (435·0–539·7)	707·4 (628·9–773·2)	992·7 (867·2–1,078·6)	1,327·9 (1,151·7–1,438·8)	1,936·8 (1,712·8–2,110·8)
Esophageal cancer	15·0 (9·3–19·8)	26·1 (16·1–34·7)	38·2 (23·4–52·4)	50·5 (32·4–69·5)	62·9 (38·8–86·8)	73·3 (47·7–100·8)	83·1 (55·5–108·8)
Stomach cancer	19·2 (12·1–27·1)	34·9 (20·5–47·9)	54·7 (31·9–73·9)	80·2 (51·9–109·1)	115·7 (72·4–159·7)	147·5 (88·6–199·4)	186·7 (117·8–243·7)
Liver cancer	31·0 (23·5–41·4)	48·3 (36·4–65·5)	60·9 (45·6–76·6)	76·8 (60·9–93·8)	93·6 (69·7–112·5)	110·9 (78·5–132·1)	123·3 (82·8–147·5)
Liver cancer secondary to hepatitis B	15·9 (11·7–21·4)	24·8 (18·5–34·6)	30·9 (23·1–39·4)	38·4 (30·1–47·7)	45·2 (33·3–56·1)	51·7 (35·6–63·6)	52·7 (35·3–66·3)
Liver cancer secondary to hepatitis C	5·5 (4·1–7·4)	10·3 (8·0–14·2)	15·5 (11·9–19·3)	21·5 (17·1–25·9)	27·0 (20·8–31·8)	33·2 (23·9–39·1)	39·5 (26·9–46·6)
Liver cancer secondary to alcohol use	6·2 (4·7–8·3)	9·1 (6·9–12·2)	11·0 (8·2–13·7)	13·6 (10·5–16·6)	17·4 (12·9–21·0)	21·5 (15·2–25·7)	26·3 (17·4–31·3)
Other liver cancer	3·4 (2·6–4·5)	4·0 (3·0–5·4)	3·6 (2·8–4·6)	3·3 (2·6–4·1)	4·0 (3·0–4·8)	4·5 (3·2–5·5)	4·7 (3·1–5·7)
Larynx cancer	5·3 (2·4–9·8)	7·5 (3·4–13·3)	10·9 (5·0–19·4)	14·7 (6·9–25·3)	18·3 (8·0–31·6)	21·0 (9·1–36·8)	24·9 (11·5–43·0)
Trachea, bronchus and lung cancers	43·1 (30·6–59·0)	80·9 (55·6–105·0)	132·2 (89·4–165·3)	192·1 (131·5–235·3)	268·5 (173·1–325·2)	345·9 (209·6–414·1)	404·7 (243·9–470·8)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Breast cancer	–	–	–	–	–	–	–
Cervical cancer	–	–	–	–	–	–	–
Uterine cancer	–	–	–	–	–	–	–
Prostate cancer	1·6 (0·8–2·5)	4·5 (2·2–6·9)	12·3 (6·1–18·9)	28·0 (14·3–43·4)	59·2 (30·3–93·0)	115·3 (61·8–178·8)	301·5 (165·4–490·0)
Colon and rectum cancers	12·4 (10·8–15·3)	22·1 (19·3–26·5)	36·7 (31·9–44·3)	57·0 (50·2–66·6)	87·6 (74·7–102·6)	127·2 (109·2–145·1)	212·1 (182·8–247·3)
Mouth cancer	5·4 (4·1–6·5)	7·6 (5·8–9·2)	9·6 (7·6–11·2)	11·3 (8·7–13·4)	13·0 (10·1–15·1)	14·4 (11·3–17·0)	21·3 (16·4–25·5)
Nasopharynx cancer	3·2 (1·6–5·6)	4·4 (2·2–8·0)	5·2 (2·6–9·0)	5·8 (3·1–9·9)	6·0 (3·3–9·8)	6·3 (3·3–10·8)	5·6 (3·2–9·1)
Cancer of other part of pharynx and oropharynx	5·5 (3·1–8·1)	8·1 (4·3–11·7)	10·5 (5·5–16·3)	12·5 (6·3–17·4)	14·3 (7·4–20·8)	14·4 (7·3–20·2)	14·8 (7·6–21·8)
Gallbladder and biliary tract cancer	2·2 (1·1–3·2)	3·6 (1·8–5·2)	5·9 (3·3–8·5)	9·5 (5·3–14·2)	14·5 (7·9–20·8)	21·2 (11·0–30·8)	35·6 (18·2–50·6)
Pancreatic cancer	7·0 (4·6–9·5)	12·3 (8·2–16·7)	19·5 (13·4–27·2)	27·9 (18·1–37·1)	39·1 (26·0–52·2)	50·8 (32·8–68·8)	72·4 (46·1–95·3)
Malignant melanoma of skin	1·3 (0·7–2·5)	1·9 (1·0–3·4)	2·8 (1·4–4·9)	3·8 (1·8–6·2)	5·3 (2·3–8·5)	7·4 (3·4–11·1)	13·4 (5·5–18·4)
Non-melanoma skin cancer	0·5 (0·2–0·9)	0·9 (0·4–1·6)	1·3 (0·6–2·3)	2·0 (0·9–3·6)	3·1 (1·3–5·5)	5·1 (2·3–9·0)	14·8 (6·3–25·2)
Ovarian cancer	–	–	–	–	–	–	–
Testicular cancer	0·2 (0·1–0·3)	0·3 (0·1–0·4)	0·4 (0·2–0·5)	0·6 (0·3–0·9)	0·8 (0·4–1·3)	0·9 (0·5–1·4)	1·8 (0·9–2·9)
Kidney and other urinary organ cancers	4·4 (3·0–6·8)	7·4 (4·9–11·3)	11·2 (7·5–17·5)	15·7 (10·2–25·0)	21·7 (14·1–33·0)	30·2 (19·1–43·6)	45·3 (28·3–70·0)
Bladder cancer	2·9 (2·1–3·8)	5·8 (4·0–7·4)	11·0 (7·5–13·9)	18·1 (12·1–22·3)	31·3 (21·3–39·3)	49·1 (32·9–61·0)	94·2 (61·7–114·9)
Brain and nervous system cancers	5·9 (2·7–8·8)	8·3 (3·7–12·5)	10·9 (4·9–15·6)	14·0 (6·3–21·0)	16·6 (6·7–24·9)	19·3 (7·3–29·5)	23·0 (7·9–34·1)
Thyroid cancer	0·6 (0·4–1·0)	1·1 (0·6–1·7)	1·5 (1·0–2·3)	2·1 (1·3–3·0)	2·9 (1·8–4·1)	3·6 (2·0–5·5)	4·8 (2·7–7·0)
Hodgkin's disease	0·4 (0·2–0·7)	0·6 (0·3–0·9)	0·7 (0·4–1·2)	1·0 (0·5–1·6)	1·3 (0·7–2·1)	1·6 (0·8–2·4)	2·3 (1·1–3·8)
Non-Hodgkin's lymphoma	4·9 (3·6–5·8)	7·4 (5·5–9·0)	11·2 (8·3–13·6)	15·5 (11·4–18·4)	21·7 (15·8–25·9)	30·0 (21·3–35·1)	45·4 (30·9–55·1)
Multiple myeloma	1·4 (0·7–2·2)	2·5 (1·2–4·1)	4·3 (2·2–7·3)	6·6 (3·3–11·4)	9·7 (4·9–15·8)	13·4 (6·8–22·4)	21·5 (10·5–34·6)
Leukemia	4·8 (3·4–6·1)	7·0 (5·0–8·8)	10·9 (7·5–13·0)	16·1 (10·9–19·5)	24·6 (16·2–28·6)	36·2 (22·3–41·1)	61·7 (35·5–71·8)
Other neoplasms	13·8 (7·7–20·4)	21·5 (12·4–31·5)	31·8 (18·6–47·4)	45·6 (27·0–67·4)	60·6 (35·2–85·4)	82·9 (46·6–118·9)	122·6 (70·3–166·2)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Cardiovascular and circulatory diseases	249·7 (232·7–269·4)	401·7 (375·8–429·1)	645·2 (611·3–680·8)	1,027·0 (974·5–1,079·6)	1,691·8 (1,615·5–1,770·1)	2,671·9 (2,568·1–2,783·0)	5,694·4 (5,511·5–5,888·7)
Rheumatic heart disease	6·6 (4·8–9·2)	9·3 (6·8–12·6)	12·3 (9·2–15·7)	17·8 (13·5–22·3)	25·2 (19·1–30·7)	35·7 (27·0–42·9)	68·8 (50·5–78·8)
Ischemic heart disease	132·4 (109·8–150·3)	207·2 (174·2–231·5)	315·9 (267·9–350·0)	482·3 (417·2–535·8)	776·1 (690·8–851·0)	1,186·7 (1,078·5–1,291·8)	2,639·4 (2,475·4–2,869·0)
Cerebrovascular disease	74·7 (58·6–85·5)	130·3 (103·9–153·1)	227·3 (185·9–260·0)	383·4 (310·5–436·5)	665·9 (543·3–757·5)	1,079·4 (907·4–1,246·3)	2,133·7 (1,843·7–2,453·4)
Ischemic stroke	14·5 (12·5–18·9)	30·7 (26·0–40·4)	75·3 (63·7–102·2)	140·1 (117·8–189·1)	290·7 (250·6–380·0)	529·5 (453·8–686·7)	1,343·6 (1,187·7–1,680·5)
Hemorrhagic and other non-ischemic stroke	60·2 (47·2–73·9)	99·6 (78·7–122·8)	152·0 (118·0–194·3)	243·3 (188·6–309·5)	375·2 (283·7–478·9)	549·9 (417·7–699·1)	790·0 (622·3–1,019·5)
Hypertensive heart disease	11·9 (9·5–14·9)	18·7 (15·0–23·9)	31·7 (25·5–40·1)	53·9 (42·4–65·0)	83·4 (67·3–104·5)	135·6 (110·5–167·9)	293·8 (243·5–367·4)
Cardiomyopathy and myocarditis	11·5 (9·3–14·6)	14·9 (11·8–18·3)	20·2 (16·3–24·5)	26·8 (21·8–33·7)	36·2 (29·6–43·9)	51·6 (43·2–62·6)	109·8 (93·6–132·4)
Atrial fibrillation and flutter	0·4 (0·2–0·7)	0·7 (0·4–1·2)	1·7 (1·0–2·9)	3·2 (2·0–5·4)	7·0 (4·3–11·8)	15·3 (9·2–24·9)	62·6 (39·4–100·7)
Aortic aneurysm	2·6 (1·6–4·5)	5·0 (3·1–8·4)	9·4 (5·9–15·2)	17·2 (10·9–28·8)	29·1 (18·8–46·8)	46·7 (29·9–73·8)	86·8 (57·1–128·6)
Peripheral vascular disease	0·3 (0·1–0·6)	0·6 (0·2–1·2)	1·2 (0·4–2·6)	2·1 (0·8–4·2)	3·6 (1·4–7·0)	7·1 (2·8–14·3)	22·0 (8·9–43·8)
Endocarditis	1·0 (0·7–1·4)	1·3 (1·0–1·9)	1·8 (1·3–2·5)	2·4 (1·9–3·4)	3·3 (2·6–4·3)	5·4 (4·3–6·9)	11·5 (9·3–14·4)
Other cardiovascular and circulatory diseases	8·3 (7·2–9·5)	13·8 (12·4–15·5)	23·8 (21·4–26·7)	37·9 (33·8–42·9)	62·0 (56·6–68·6)	108·3 (98·4–120·7)	266·0 (247·7–286·4)
Chronic respiratory diseases	41·9 (34·6–52·3)	79·1 (66·5–96·5)	159·0 (136·3–186·5)	305·7 (267·6–351·9)	526·8 (476·4–592·3)	856·5 (781·7–940·1)	1,673·9 (1,559·9–1,796·0)
Chronic obstructive pulmonary disease	27·5 (20·6–37·6)	56·3 (42·1–75·9)	119·1 (94·3–157·2)	238·9 (195·3–302·4)	421·5 (350·5–521·0)	695·2 (593·6–844·1)	1,364·7 (1,180·7–1,629·9)
Pneumoconiosis	2·0 (0·9–3·9)	3·3 (1·6–6·4)	6·9 (3·3–14·3)	12·9 (6·0–26·0)	20·8 (10·0–40·4)	30·8 (15·4–58·4)	67·5 (34·3–138·7)
Asthma	6·6 (4·1–14·0)	10·3 (6·4–20·9)	16·9 (11·1–32·7)	28·0 (18·7–52·6)	41·9 (29·4–75·1)	59·2 (40·9–103·3)	90·8 (64·3–156·9)
Other interstitial lung disease	1·7 (1·1–2·9)	3·0 (1·7–5·2)	6·4 (3·5–10·7)	10·2 (6·1–16·5)	16·8 (9·9–26·4)	27·9 (16·3–43·7)	53·0 (29·5–82·1)
Other chronic respiratory diseases	4·0 (2·7–6·5)	6·1 (4·0–9·2)	9·7 (6·4–14·8)	15·6 (10·2–22·3)	25·8 (16·8–37·4)	43·5 (28·9–59·6)	97·8 (64·1–133·1)
Cirrhosis of the liver	50·1 (37·0–60·9)	60·5 (46·1–74·7)	73·1 (53·9–88·8)	81·5 (63·3–99·7)	88·9 (67·5–110·5)	96·6 (77·2–124·5)	118·1 (93·9–153·6)
Cirrhosis of the liver secondary to hepatitis B	14·9 (11·1–19·3)	19·2 (15·3–26·5)	24·5 (18·7–32·1)	27·9 (21·4–37·4)	29·6 (23·7–40·1)	30·6 (24·4–41·9)	31·6 (25·5–45·1)
Cirrhosis of the liver secondary to hepatitis C	11·1 (8·0–13·7)	14·9 (11·2–19·0)	19·8 (14·5–24·6)	23·2 (17·4–29·4)	25·2 (19·1–32·4)	27·7 (21·5–35·6)	34·9 (27·0–46·1)
Cirrhosis of the liver secondary to alcohol use	17·6 (12·4–21·5)	20·0 (15·2–25·2)	22·7 (16·7–28·0)	24·7 (18·6–31·2)	27·9 (21·0–35·5)	31·5 (24·5–40·9)	43·6 (34·1–57·3)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Other cirrhosis of the liver	6·5 (4·6–8·1)	6·4 (4·8–8·3)	6·1 (4·5–7·5)	5·7 (4·3–7·3)	6·2 (4·7–8·0)	6·7 (5·2–8·7)	8·1 (6·2–10·8)
Digestive diseases (except cirrhosis)	22·7 (17·5–28·9)	29·0 (22·2–35·2)	43·6 (33·5–53·7)	62·7 (49·5–75·8)	94·2 (73·6–113·5)	144·4 (112·7–177·5)	300·9 (235·0–359·3)
Peptic ulcer disease	6·8 (5·0–9·7)	7·5 (5·7–10·3)	11·2 (8·3–14·7)	15·7 (12·1–20·8)	22·9 (17·6–30·6)	33·0 (25·5–43·7)	60·1 (48·0–76·7)
Gastritis and duodenitis	0·3 (0·2–0·4)	0·4 (0·2–0·6)	0·5 (0·3–0·8)	0·8 (0·5–1·2)	1·1 (0·8–1·8)	1·9 (1·3–2·8)	4·7 (3·2–7·5)
Appendicitis	0·6 (0·2–0·9)	0·8 (0·3–1·3)	1·3 (0·5–2·0)	1·8 (0·7–3·0)	2·4 (0·9–4·2)	3·3 (1·3–5·4)	5·2 (2·2–8·2)
Paralytic ileus and intestinal obstruction without hernia	2·5 (1·5–4·1)	3·4 (2·0–6·2)	5·2 (3·2–8·5)	7·7 (4·5–12·8)	12·6 (7·8–20·5)	20·1 (12·2–33·6)	43·3 (26·3–65·0)
Inguinal or femoral hernia	0·2 (0·2–0·2)	0·4 (0·4–0·4)	0·6 (0·6–0·6)	0·9 (0·9–1·0)	1·7 (1·6–1·7)	2·8 (2·6–2·8)	6·5 (6·1–6·7)
Noninfective inflammatory bowel disease	0·5 (0·3–0·7)	0·6 (0·4–1·0)	0·9 (0·6–1·3)	1·3 (0·8–2·0)	1·9 (1·3–2·8)	3·2 (2·1–4·4)	8·3 (5·6–11·3)
Vascular disorders of intestine	0·7 (0·2–2·2)	1·3 (0·3–4·0)	2·4 (0·5–7·3)	4·1 (0·9–12·6)	7·7 (1·8–22·5)	12·9 (2·8–38·6)	30·9 (7·0–93·0)
Gall bladder and bile duct disease	1·1 (0·7–1·6)	1·6 (1·1–2·4)	2·6 (1·8–3·8)	4·2 (2·9–6·4)	7·0 (4·8–10·1)	12·1 (7·9–17·6)	30·1 (19·1–41·3)
Pancreatitis	2·6 (1·7–3·7)	2·9 (1·9–4·2)	3·6 (2·4–5·2)	4·5 (3·0–6·4)	6·0 (4·0–8·5)	8·1 (5·3–11·5)	13·5 (8·4–18·6)
Other digestive diseases	7·4 (5·1–11·4)	10·1 (7·6–14·3)	15·2 (11·1–22·7)	21·5 (15·9–31·1)	30·9 (23·4–44·0)	47·1 (35·9–68·0)	98·2 (78·4–139·7)
Neurological disorders	14·1 (9·7–23·7)	18·7 (12·4–32·9)	26·7 (18·4–45·5)	42·8 (30·2–72·5)	70·9 (54·2–104·0)	139·5 (109·3–186·0)	437·0 (304·2–547·0)
Alzheimer's disease and other dementias	0·9 (0·6–1·4)	1·7 (1·1–2·6)	3·7 (2·5–5·8)	8·3 (5·6–13·0)	21·8 (14·7–31·6)	59·5 (37·6–83·9)	283·2 (156·7–379·7)
Parkinson's disease	0·4 (0·2–0·5)	0·7 (0·5–1·1)	1·9 (1·2–2·9)	5·2 (3·2–8·2)	12·9 (8·1–19·3)	28·9 (17·5–42·6)	76·9 (41·8–106·2)
Epilepsy	3·1 (2·0–4·2)	3·1 (1·9–4·1)	3·6 (1·9–4·7)	4·6 (2·7–6·0)	5·6 (3·1–7·9)	7·5 (4·2–10·6)	15·5 (8·4–23·1)
Multiple sclerosis	0·5 (0·3–0·7)	0·7 (0·5–1·1)	0·8 (0·5–1·2)	0·8 (0·5–1·2)	0·9 (0·6–1·3)	1·2 (0·8–1·8)	1·1 (0·6–1·6)
Other neurological disorders	9·1 (4·9–19·0)	12·4 (6·1–26·6)	16·8 (8·5–35·4)	23·9 (12·2–52·0)	29·7 (15·7–63·7)	42·3 (22·3–81·7)	60·2 (32·3–121·8)
Mental and behavioral disorders	11·5 (6·8–18·8)	11·5 (6·8–19·1)	11·1 (6·8–18·6)	10·6 (6·7–17·5)	11·7 (7·9–19·3)	13·1 (9·5–21·0)	21·6 (14·9–32·6)
Schizophrenia	0·5 (0·4–0·8)	0·7 (0·5–1·1)	0·7 (0·5–1·1)	1·0 (0·6–1·5)	1·3 (0·8–2·0)	1·8 (1·2–2·9)	2·9 (1·9–4·4)
Alcohol use disorders	8·2 (4·0–15·7)	8·4 (3·9–15·4)	8·1 (3·9–15·3)	7·1 (3·3–13·4)	6·8 (3·3–13·8)	6·0 (3·0–12·5)	6·0 (3·2–12·5)
Drug use disorders	2·4 (1·0–4·4)	1·8 (0·7–3·1)	1·6 (0·7–3·0)	1·5 (0·7–3·1)	1·9 (1·2–4·1)	2·5 (1·5–5·8)	4·6 (2·5–11·0)
Opioid use disorders	1·4 (0·6–2·5)	1·0 (0·4–1·8)	0·9 (0·4–1·6)	0·8 (0·4–1·6)	1·0 (0·6–2·3)	1·4 (0·8–3·1)	2·5 (1·3–5·9)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Cocaine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	1·0 (0·4–1·8)	0·8 (0·3–1·3)	0·7 (0·3–1·3)	0·7 (0·3–1·4)	0·8 (0·5–1·7)	1·1 (0·6–2·4)	2·0 (1·1–4·7)
Eating disorders	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·5)	0·6 (0·3–0·9)	2·3 (1·0–3·9)
Other mental and behavioral disorders	0·3 (0·1–0·6)	0·5 (0·2–0·8)	0·6 (0·3–1·0)	0·9 (0·4–1·4)	1·3 (0·6–2·1)	2·2 (1·0–3·5)	5·8 (2·5–9·9)
Diabetes, urogenital, blood, and endocrine diseases	43·4 (36·6–52·2)	68·3 (55·6–79·8)	106·4 (87·3–122·9)	166·1 (137·8–191·0)	245·4 (205·7–284·3)	369·8 (313·2–419·6)	743·1 (651·3–860·2)
Diabetes mellitus	21·3 (15·4–25·2)	35·5 (26·0–42·2)	57·8 (41·2–66·3)	91·6 (65·7–106·0)	132·7 (92·9–151·3)	189·7 (133·2–213·5)	304·7 (219·7–343·8)
Acute glomerulonephritis	2·3 (0·6–8·6)	2·7 (0·7–8·9)	3·6 (1·1–11·8)	4·9 (1·6–15·7)	7·0 (2·3–20·0)	8·6 (2·6–27·0)	11·5 (3·2–36·1)
Chronic kidney diseases	12·8 (10·7–14·9)	19·8 (15·4–23·3)	28·8 (21·7–32·9)	44·0 (35·1–49·7)	64·4 (51·7–75·1)	102·2 (86·1–115·7)	245·0 (214·4–280·9)
Chronic kidney disease due to diabetes mellitus	3·4 (2·8–4·1)	6·1 (4·8–7·3)	10·1 (7·6–12·1)	13·6 (11·0–16·2)	17·0 (13·4–20·5)	22·8 (18·6–27·0)	46·0 (38·4–55·0)
Chronic kidney disease due to hypertension	3·1 (2·6–3·6)	4·5 (3·5–5·4)	6·3 (4·7–7·3)	10·4 (8·1–11·9)	16·3 (12·8–19·0)	27·4 (22·6–31·2)	69·5 (59·9–80·3)
Chronic kidney disease unspecified	6·3 (5·3–7·4)	9·2 (7·1–10·9)	12·4 (9·5–14·7)	20·0 (15·9–23·1)	31·2 (25·8–36·4)	51·9 (43·1–58·9)	129·5 (111·8–150·5)
Urinary diseases and male infertility	2·9 (1·6–4·3)	4·6 (2·6–6·8)	7·7 (4·4–11·8)	12·8 (7·8–20·0)	22·6 (13·3–34·7)	39·2 (24·8–62·1)	111·5 (65·0–182·2)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	1·5 (0·8–2·3)	2·4 (1·3–3·6)	4·0 (2·2–6·1)	6·8 (3·7–10·2)	12·5 (7·1–19·2)	23·3 (12·9–34·4)	75·3 (39·2–113·9)
Urolithiasis	0·3 (0·2–0·6)	0·6 (0·3–1·1)	0·8 (0·4–1·4)	1·2 (0·5–2·4)	2·1 (0·9–3·8)	3·2 (1·3–6·2)	7·0 (3·0–14·3)
Other urinary diseases	1·1 (0·6–1·7)	1·7 (0·9–2·6)	2·9 (1·5–4·6)	4·7 (2·7–7·8)	8·0 (4·4–13·7)	12·7 (7·5–21·2)	29·2 (16·5–50·9)
Gynecological diseases	–	–	–	–	–	–	–
Uterine fibroids	–	–	–	–	–	–	–
Endometriosis	–	–	–	–	–	–	–
Genital prolapse	–	–	–	–	–	–	–
Other gynecological diseases	–	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	0·8 (0·5–1·3)	1·1 (0·7–1·8)	1·8 (1·1–3·0)	2·8 (1·8–4·5)	4·6 (3·0–7·0)	8·1 (5·0–13·1)	16·9 (10·7–27·5)
Thalassemias	0·2 (0·2–0·3)	0·2 (0·2–0·3)	0·2 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	<0·05 (0·0–0·0)	<0·05 (0·0–0·05)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Sickle cell disorders	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·1–0·4)	0·2 (0·2–0·4)	0·2 (0·2–0·3)	0·2 (0·1–0·2)
G6PD deficiency	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·3 (0·2–0·3)	0·5 (0·4–0·6)	1·1 (0·9–1·4)
Other hemoglobinopathies and hemolytic anemias	0·4 (0·2–0·7)	0·6 (0·3–1·1)	1·4 (0·7–2·4)	2·3 (1·2–3·8)	4·0 (2·2–6·3)	7·3 (3·9–12·6)	15·6 (9·3–25·0)
Other endocrine, nutritional, blood, and immune disorders	3·3 (1·5–7·1)	4·6 (2·1–10·3)	6·8 (3·3–14·9)	9·9 (4·7–23·1)	14·1 (6·9–33·1)	22·1 (10·9–49·5)	53·6 (27·8–146·3)
Musculoskeletal disorders	1·7 (1·0–2·9)	2·6 (1·6–4·8)	3·8 (2·4–6·7)	6·0 (3·4–10·5)	10·0 (5·5–16·9)	16·1 (8·9–27·6)	34·0 (18·0–55·2)
Rheumatoid arthritis	0·5 (0·3–0·8)	0·9 (0·6–1·5)	1·5 (0·9–2·5)	2·3 (1·3–3·8)	4·3 (2·4–6·3)	6·8 (3·6–10·7)	8·9 (4·9–13·0)
Other musculoskeletal disorders	1·2 (0·6–2·2)	1·7 (1·0–3·2)	2·4 (1·3–4·5)	3·7 (2·0–6·7)	5·7 (3·0–10·4)	9·3 (4·9–16·3)	25·1 (12·6–40·3)
Other non-communicable diseases	3·8 (2·7–5·0)	5·5 (3·7–7·2)	8·1 (5·3–10·6)	11·8 (7·7–15·7)	18·3 (11·6–23·5)	28·7 (18·4–38·3)	63·8 (44·1–78·2)
Congenital anomalies	2·2 (1·5–3·1)	3·3 (1·9–4·7)	4·9 (2·7–7·0)	6·9 (3·7–10·5)	10·9 (5·6–15·7)	15·7 (7·7–23·8)	33·8 (17·7–45·6)
Neural tube defects	0·2 (0·1–0·4)	0·2 (0·0–0·8)	0·3 (0·1–0·6)	0·5 (0·1–1·2)	0·7 (0·2–1·7)	0·7 (0·2–1·8)	1·0 (0·3–2·5)
Congenital heart anomalies	0·8 (0·5–1·2)	1·2 (0·7–1·8)	1·8 (1·0–2·9)	2·9 (1·7–4·6)	4·9 (2·5–8·1)	7·7 (4·0–13·1)	19·8 (11·9–29·9)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	0·3 (0·2–0·4)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·2 (0·1–0·5)	0·1 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·2)
Other chromosomal abnormalities	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·3)	0·1 (0·0–0·4)	0·1 (0·0–0·2)	0·1 (0·0–0·4)	0·3 (0·1–0·8)
Other congenital anomalies	0·9 (0·5–1·7)	1·5 (0·8–2·6)	2·3 (1·2–4·2)	3·2 (1·7–5·9)	5·1 (2·6–9·1)	7·1 (3·6–13·1)	12·6 (6·3–21·7)
Skin and subcutaneous diseases	1·6 (0·9–2·3)	2·1 (1·2–3·2)	3·2 (1·9–4·6)	4·9 (2·7–6·8)	7·4 (4·6–10·2)	13·0 (8·3–17·6)	30·0 (18·8–37·6)
Cellulitis	0·5 (0·3–0·8)	0·7 (0·4–1·1)	1·0 (0·6–1·5)	1·4 (0·8–2·0)	1·8 (1·1–2·4)	2·7 (1·8–3·7)	4·9 (3·1–6·1)
Abscess, impetigo, and other bacterial skin diseases	0·7 (0·4–1·0)	0·9 (0·5–1·3)	1·2 (0·7–1·8)	1·7 (1·0–2·4)	2·4 (1·5–3·3)	3·7 (2·4–5·1)	7·6 (4·7–9·4)
Decubitus ulcer	0·4 (0·2–0·5)	0·5 (0·3–0·8)	1·0 (0·6–1·4)	1·8 (1·0–2·5)	3·2 (2·0–4·4)	6·5 (4·2–8·8)	17·4 (11·0–21·6)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	130·8 (111·2–154·4)	132·6 (109·4–157·4)	141·5 (118·8–166·6)	159·9 (130·1–186·7)	192·4 (159·1–224·6)	247·8 (207·2–286·0)	458·0 (383·7–516·0)
Transport injuries	40·1 (27·3–60·7)	40·8 (26·6–60·1)	42·0 (27·6–62·8)	48·1 (31·5–71·9)	54·5 (36·6–79·8)	64·9 (44·2–93·5)	79·5 (58·5–116·0)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Road injury	38·1 (25·3–57·9)	39·0 (24·5–56·9)	40·0 (25·6–58·7)	46·0 (30·2–68·3)	52·0 (34·5–77·5)	61·7 (42·0–89·5)	75·7 (54·4–111·8)
Pedestrian injury by road vehicle	14·0 (8·3–23·9)	14·2 (8·5–24·2)	15·2 (8·8–25·0)	17·7 (10·3–28·9)	20·1 (12·3–32·3)	23·9 (14·7–38·0)	31·0 (21·2–47·5)
Pedal cycle vehicle	2·4 (1·5–3·6)	2·9 (1·8–4·5)	3·3 (2·2–5·1)	4·1 (2·5–6·2)	5·3 (3·2–7·9)	6·3 (4·2–9·2)	7·0 (4·9–9·8)
Motorized vehicle with two wheels	6·3 (3·9–10·1)	5·8 (3·6–9·4)	5·7 (3·6–9·0)	6·4 (3·9–9·7)	6·7 (4·4–9·8)	7·4 (4·6–11·8)	8·2 (5·4–12·4)
Motorized vehicle with three or more wheels	13·0 (9·0–18·4)	13·2 (8·6–18·5)	12·8 (8·5–18·8)	14·7 (9·4–20·6)	16·1 (10·5–22·0)	20·2 (12·9–28·3)	25·7 (16·4–37·7)
Road injury other	2·4 (0·7–8·6)	2·8 (0·8–9·9)	3·0 (0·8–9·8)	3·1 (0·9–10·2)	3·8 (1·0–14·3)	3·9 (1·2–13·3)	3·9 (1·2–15·5)
Other transport injury	2·0 (1·4–3·3)	1·8 (1·4–2·7)	2·0 (1·5–3·0)	2·1 (1·6–3·2)	2·5 (1·9–3·4)	3·2 (2·4–4·2)	3·7 (2·7–5·2)
Unintentional injuries other than transport injuries	46·5 (38·0–54·4)	48·9 (39·6–57·5)	55·1 (43·8–65·5)	63·8 (50·9–75·7)	84·5 (66·0–102·5)	119·8 (93·9–140·8)	291·6 (227·9–335·0)
Falls	11·7 (7·3–16·5)	13·2 (8·0–18·0)	17·3 (10·2–24·3)	22·3 (13·3–30·8)	34·5 (18·9–50·3)	53·3 (31·6–72·0)	154·4 (99·2–191·0)
Drowning	6·6 (4·8–10·1)	7·2 (5·1–10·0)	7·4 (5·3–10·5)	8·3 (6·1–11·9)	9·5 (6·9–13·1)	11·3 (8·1–15·8)	16·6 (11·9–22·7)
Fire, heat and hot substances	4·9 (2·8–8·4)	4·7 (2·5–7·2)	5·4 (3·0–8·5)	6·3 (3·7–9·1)	8·1 (5·0–11·3)	11·2 (7·5–15·4)	22·0 (15·7–27·9)
Poisonings	5·2 (2·9–7·7)	5·3 (2·8–7·8)	5·1 (2·8–7·7)	4·9 (2·6–7·5)	5·7 (3·3–8·5)	6·9 (3·7–10·6)	9·5 (5·0–13·9)
Exposure to mechanical forces	6·8 (3·7–9·8)	6·5 (3·3–9·6)	5·9 (2·9–8·3)	5·5 (2·8–8·0)	6·2 (3·3–9·2)	6·5 (3·5–9·2)	9·7 (4·9–14·1)
Mechanical forces (firearm)	1·7 (1·0–2·7)	1·6 (0·7–2·4)	1·3 (0·7–2·1)	1·4 (0·7–2·3)	1·5 (0·7–2·5)	1·5 (0·6–2·3)	2·1 (0·8–3·2)
Mechanical forces (other)	5·2 (3·0–7·5)	4·9 (2·6–7·4)	4·5 (2·5–6·5)	4·1 (2·3–6·2)	4·7 (2·1–7·0)	5·0 (2·3–7·2)	7·6 (2·9–11·0)
Adverse effects of medical treatment	1·4 (1·1–1·8)	2·0 (1·6–2·7)	2·8 (2·3–3·4)	4·0 (3·3–5·1)	5·4 (4·6–6·5)	8·5 (7·1–10·4)	18·0 (15·2–21·6)
Animal contact	1·2 (0·6–2·4)	1·4 (0·7–2·3)	1·8 (0·9–3·2)	1·8 (1·0–3·1)	2·1 (1·1–3·4)	2·6 (1·4–4·2)	3·7 (1·9–6·3)
Animal contact (venomous)	0·9 (0·3–2·3)	1·0 (0·4–2·2)	1·3 (0·4–2·9)	1·3 (0·5–2·7)	1·3 (0·5–2·8)	1·7 (0·6–3·4)	2·5 (0·8–4·8)
Animal contact (non-venomous)	0·3 (0·1–0·6)	0·4 (0·2–0·7)	0·5 (0·2–0·8)	0·6 (0·3–1·0)	0·7 (0·3–1·5)	0·9 (0·4–1·7)	1·2 (0·5–2·0)
Unintentional injuries not classified elsewhere	8·7 (6·3–11·6)	8·6 (6·3–11·1)	9·4 (6·8–12·8)	10·6 (7·8–14·9)	13·1 (9·9–16·8)	19·5 (14·2–24·7)	57·8 (36·5–72·1)
Self-harm and interpersonal violence	39·4 (29·7–53·9)	37·9 (28·4–55·9)	39·3 (28·7–55·5)	42·3 (29·9–63·5)	48·9 (34·5–73·7)	60·5 (43·4–88·8)	86·3 (65·0–134·5)
Self-harm	28·9 (19·2–41·7)	29·2 (19·5–44·5)	32·0 (21·4–47·4)	35·7 (22·5–56·6)	42·8 (28·3–66·6)	54·4 (36·5–82·2)	77·2 (56·7–124·7)
Interpersonal violence	10·5 (7·2–17·5)	8·8 (6·1–15·3)	7·3 (5·0–12·6)	6·6 (4·4–11·1)	6·1 (4·1–9·9)	6·1 (3·7–9·8)	9·1 (5·9–14·5)

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Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
Assault by firearm	4·2 (2·9–6·7)	3·2 (2·2–5·1)	2·7 (1·9–4·4)	2·2 (1·4–3·4)	1·8 (1·1–2·7)	1·7 (1·0–2·4)	2·2 (1·4–3·1)
Assault by sharp object	3·1 (1·6–5·4)	2·6 (1·4–4·5)	2·0 (1·1–3·5)	1·8 (0·9–3·1)	1·6 (0·8–2·7)	1·5 (0·7–2·4)	2·2 (1·0–3·7)
Assault by other means	3·3 (2·3–5·1)	3·0 (1·9–4·9)	2·6 (1·7–3·9)	2·7 (1·8–4·0)	2·7 (1·8–4·0)	3·0 (1·9–4·2)	4·7 (3·0–6·7)
Forces of nature, war, and legal intervention	4·9 (2·6–9·9)	5·0 (2·8–9·6)	5·1 (3·1–9·4)	5·7 (3·5–10·0)	4·4 (2·8–7·4)	2·6 (1·6–4·4)	0·7 (0·3–1·4)
Exposure to forces of nature	4·4 (2·3–8·8)	4·5 (2·5–8·4)	4·5 (2·7–7·9)	4·9 (3·1–8·3)	3·7 (2·4–5·8)	2·1 (1·2–3·3)	0·4 (0·1–0·8)
Collective violence and legal intervention	0·5 (0·3–1·0)	0·5 (0·3–1·1)	0·7 (0·4–1·4)	0·8 (0·4–1·7)	0·7 (0·4–1·6)	0·5 (0·3–1·3)	0·3 (0·1–0·7)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Females, All Ages**	**Females, 0-6 Days**	**Females, 7-27 Days**	**Females, 28-364 Days**	**Females, 1-4 Years**	**Females, 5-9 Years**	**Females, 10-14 Years**
All causes	697·6 (659·7–714·7)	72,330·5 (61,741·4–83,909·4	8,170·6 (7,264·4–9,159·2)	1,605·1 (1,443·5–1,850·6)	363·6 (331·0–402·1)	69·1 (64·3–73·8)	56·5 (51·7–61·9)
Communicable, maternal, neonatal, and nutritional disorders	177·1 (165·9–186·8)	66,522·6 (55,928·9–78,142·4	7,096·0 (6,191·4–8,106·4)	1,303·5 (1,155·1–1,540·5)	268·6 (234·1–309·2)	40·5 (35·8–45·4)	27·0 (23·4–30·9)
HIV/AIDS and tuberculosis	31·3 (27·6–34·1)	–	–	41·4 (32·3–58·5)	23·1 (19·8–26·8)	6·2 (5·4–7·2)	6·1 (5·3–6·9)
Tuberculosis	12·2 (9·1–14·4)	–	–	16·3 (8·9–33·7)	4·9 (3·6–6·9)	1·4 (0·8–2·2)	1·2 (0·8–1·8)
HIV/AIDS	19·1 (17·3–21·0)	–	–	25·1 (21·0–30·1)	18·2 (15·2–21·4)	4·8 (4·2–5·4)	4·8 (4·3–5·5)
HIV disease resulting in mycobacterial infection	3·5 (3·1–3·9)	–	–	4·7 (3·8–5·7)	3·4 (2·7–4·2)	0·9 (0·8–1·1)	1·0 (0·8–1·1)
HIV disease resulting in other specified or unspecified diseases	15·6 (14·0–17·3)	–	–	20·4 (16·3–24·8)	14·8 (11·8–18·3)	3·9 (3·3–4·5)	3·9 (3·3–4·5)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	73·9 (66·7–80·9)	5,730·4 (4,408·0–7,496·1)	2,370·6 (1,971·1–2,837·0)	782·4 (663·9–1,010·0)	129·6 (110·6–154·7)	22·3 (18·0–26·8)	13·4 (10·2–16·9)
Diarrheal diseases	21·3 (18·8–24·3)	872·9 (593·3–1,351·7)	660·3 (474·5–915·7)	287·9 (226·5–358·3)	46·8 (36·6–59·6)	7·2 (5·3–9·6)	3·6 (2·4–5·3)
Cholera	0·8 (0·6–1·1)	52·2 (25·5–96·7)	39·5 (20·6–69·7)	16·6 (9·7–26·5)	3·3 (2·1–5·0)	0·4 (0·2–0·6)	0·1 (0·1–0·2)
Other salmonella infections	1·2 (0·9–1·5)	33·8 (18·6–56·0)	25·6 (15·2–39·5)	11·8 (7·4–17·9)	2·2 (1·6–3·1)	0·6 (0·4–0·9)	0·4 (0·3–0·7)
Shigellosis	1·8 (1·3–2·4)	53·6 (29·5–97·9)	40·6 (23·1–68·3)	17·4 (11·3–26·1)	3·4 (2·3–5·0)	0·7 (0·5–1·2)	0·5 (0·3–0·8)
Enteropathogenic E coli infection	1·3 (0·9–1·7)	107·7 (55·9–203·0)	82·3 (46·6–137·6)	35·9 (22·0–53·2)	3·7 (2·4–5·5)	0·3 (0·2–0·4)	0·1 (0·0–0·1)
Enterotoxigenic E coli infection	1·8 (1·3–2·3)	48·7 (28·0–88·4)	37·1 (21·5–62·3)	16·3 (10·6–23·8)	2·8 (1·9–4·0)	0·5 (0·3–0·7)	0·3 (0·2–0·5)
Campylobacter enteritis	1·6 (1·2–2·1)	86·3 (47·1–147·4)	66·0 (38·8–105·6)	28·8 (18·9–41·2)	3·9 (2·6–5·6)	0·5 (0·3–0·7)	0·2 (0·1–0·4)
Amoebiasis	0·8 (0·6–1·2)	10·0 (4·3–19·8)	7·5 (3·6–14·6)	3·2 (1·7–5·7)	0·8 (0·5–1·3)	0·2 (0·1–0·3)	0·1 (0·1–0·2)
Cryptosporidiosis	1·4 (1·0–1·8)	119·2 (69·3–195·3)	85·7 (54·8–126·1)	37·8 (25·9–52·5)	4·9 (3·5–6·8)	0·4 (0·2–0·6)	0·1 (0·1–0·2)
Rotaviral enteritis	3·8 (2·9–4·8)	235·0 (137·0–408·9)	176·6 (110·7–271·9)	77·0 (54·3–105·0)	13·2 (9·3–18·1)	1·3 (0·9–2·0)	0·4 (0·2–0·7)
Other diarrheal diseases	6·8 (4·2–9·9)	126·4 (57·7–242·0)	99·5 (44·3–180·1)	43·2 (21·2–75·1)	8·5 (4·3–15·2)	2·4 (1·3–3·9)	1·3 (0·7–2·4)
Typhoid and paratyphoid fevers	2·4 (0·3–4·4)	–	–	6·4 (0·8–12·2)	5·1 (0·6–9·8)	3·4 (0·4–6·3)	2·6 (0·3–4·9)
Lower respiratory infections	39·1 (33·4–42·4)	3,471·8 (2,556·3–4,900·0)	1,026·6 (808·1–1,329·3)	314·2 (260·0–378·8)	44·3 (37·4–54·5)	5·0 (3·9–6·8)	3·6 (2·7–5·1)
Influenza	7·2 (6·0–7·9)	467·2 (301·0–697·4)	138·5 (96·9–200·0)	43·0 (31·6–57·4)	6·5 (5·2–8·4)	0·9 (0·7–1·2)	0·7 (0·5–1·0)
Pneumococcal pneumonia	13·2 (11·1–14·5)	657·4 (438·7–958·1)	192·1 (138·6–271·1)	59·0 (44·6–78·5)	13·4 (11·0–16·7)	1·3 (1·0–1·8)	0·8 (0·6–1·1)

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Cause	**Females, All Ages**	**Females, 0-6 Days**	**Females, 7-27 Days**	**Females, 28-364 Days**	**Females, 1-4 Years**	**Females, 5-9 Years**	**Females, 10-14 Years**
H influenzae type B pneumonia	5·1 (4·4–5·7)	733·1 (484·4–1,146·3)	216·9 (154·9–305·9)	67·1 (49·0–88·3)	9·8 (7·9–12·4)	1·0 (0·8–1·5)	0·7 (0·5–1·0)
Respiratory syncytial virus pneumonia	3·5 (2·8–4·3)	1,250·1 (880·4–1,843·4)	372·5 (273·0–510·7)	112·6 (86·3–143·7)	6·2 (4·9–8·0)	0·1 (0·0–0·1)	<0·05 (0·1–0·1)
Other lower respiratory infections	10·1 (8·4–11·4)	364·0 (211·7–620·9)	106·6 (67·7–164·9)	32·5 (21·5–48·5)	8·4 (6·4–11·2)	1·7 (1·3–2·4)	1·4 (1·0–2·0)
Upper respiratory infections	<0·05 (1·2–0·05)	3·8 (2·9–5·3)	1·2 (0·9–1·5)	0·4 (0·3–0·5)	0·1 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Otitis media	<0·05 (0·0–19·4)	1·4 (0·0–15·5)	1·8 (0·0–21·1)	1·5 (0·0–17·4)	0·1 (0·0–0·7)	<0·05 (0·0–0·4)	<0·05 (0·0–0·3)
Meningitis	5·6 (4·5–6·6)	513·8 (300·0–802·5)	333·5 (232·2–473·8)	71·7 (50·3–97·7)	12·8 (9·5–18·2)	3·0 (2·1–4·2)	1·9 (1·3–2·9)
Pneumococcal meningitis	1·5 (1·2–1·8)	101·3 (56·2–164·6)	65·9 (43·5–97·6)	13·7 (9·4–19·1)	3·6 (2·6–5·1)	1·0 (0·7–1·4)	0·7 (0·5–1·0)
H influenzae type B meningitis	1·1 (0·9–1·4)	135·2 (77·2–211·5)	89·4 (60·7–131·3)	19·2 (13·3–27·1)	4·3 (3·2–6·1)	1·0 (0·7–1·4)	0·5 (0·3–0·7)
Meningococcal infection	1·0 (0·8–1·1)	71·5 (34·5–134·0)	47·3 (29·1–76·1)	8·7 (5·5–12·7)	2·7 (1·9–3·8)	0·6 (0·5–0·9)	0·4 (0·3–0·6)
Other meningitis	1·9 (1·5–2·3)	205·8 (124·1–311·3)	131·0 (92·3–188·0)	30·2 (21·2–41·3)	2·2 (1·6–3·1)	0·4 (0·3–0·6)	0·4 (0·3–0·6)
Encephalitis	1·6 (1·2–1·9)	95·2 (57·1–163·7)	67·8 (37·3–119·9)	14·4 (9·7–22·0)	2·9 (1·8–4·5)	1·3 (0·7–2·2)	0·8 (0·4–1·7)
Diphtheria	<0·05 (0·0–11·5)	–	–	0·6 (0·0–4·6)	0·3 (0·0–2·6)	0·1 (0·0–0·4)	<0·05 (0·0–0·4)
Whooping cough	1·1 (0·0–5·6)	–	–	54·2 (0·2–262·5)	2·6 (0·0–12·9)	0·1 (0·0–0·6)	<0·05 (0·0–0·5)
Tetanus	0·8 (0·3–1·6)	767·7 (227·3–1,695·7)	277·1 (104·7–548·9)	4·7 (1·7–10·1)	0·2 (0·0–0·8)	0·1 (0·0–0·6)	0·1 (0·0–0·5)
Measles	1·8 (0·6–4·1)	–	–	25·4 (8·6–60·0)	14·4 (4·8–33·7)	2·0 (0·7–4·6)	0·6 (0·2–1·4)
Varicella	0·1 (0·0–0·7)	3·8 (0·0–24·2)	2·3 (0·0–15·6)	1·1 (0·0–7·6)	0·3 (0·0–1·8)	0·1 (0·0–0·3)	<0·05 (0·0–0·5)
Neglected tropical diseases and malaria	17·4 (13·2–23·4)	13·4 (7·3–29·9)	297·0 (143·6–567·2)	196·4 (108·2–331·5)	78·7 (47·3–123·8)	7·3 (5·2–9·8)	4·3 (3·0–6·0)
Malaria	15·6 (11·6–21·5)	–	288·4 (134·7–557·3)	191·1 (103·1–326·1)	75·2 (43·9–120·7)	5·6 (3·8–8·1)	3·3 (2·1–5·0)
Chagas disease	0·1 (0·1–0·2)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Leishmaniasis	0·5 (0·3–0·7)	–	2·3 (1·2–4·3)	2·2 (1·2–4·1)	1·3 (0·7–2·3)	0·5 (0·3–0·9)	0·4 (0·2–0·7)
African trypanosomiasis	0·1 (0·0–0·4)	–	–	–	0·2 (0·0–0·5)	0·1 (0·0–0·4)	0·1 (0·0–0·4)
Schistosomiasis	0·2 (0·0–1·1)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)
Cysticercosis	<0·05 (0·0–2·2)	<0·05 (0·0–0·0)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)

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Echinococcosis	<0·05 (0·0–2·6)	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Dengue	0·2 (0·1–0·4)	–	–	1·0 (0·3–2·3)	0·6 (0·1–1·9)	0·2 (0·1–0·6)	0·1 (0·0–0·2)
Rabies	0·3 (0·1–0·8)	–	–	0·6 (0·2–1·8)	0·7 (0·2–2·3)	0·6 (0·2–1·7)	0·3 (0·1–0·7)
Intestinal nematode infections	<0·05 (0·0–5·7)	–	–	0·2 (0·0–1·0)	0·3 (0·0–1·4)	<0·05 (0·0–0·7)	<0·05 (0·0–0·2)
Ascariasis	<0·05 (0·0–5·7)	–	–	0·2 (0·0–1·0)	0·3 (0·0–1·4)	<0·05 (0·0–0·7)	<0·05 (0·0–0·2)
Other neglected tropical diseases	0·3 (0·2–0·4)	13·4 (7·3–29·9)	6·3 (3·8–12·0)	1·4 (0·8–2·4)	0·4 (0·2–0·9)	0·1 (0·0–0·3)	0·1 (0·0–0·2)
Maternal disorders	7·5 (6·0–8·9)	–	–	–	–	–	–
Maternal hemorrhage	1·7 (1·4–2·0)	–	–	–	–	–	–
Maternal sepsis	0·6 (0·5–0·8)	–	–	–	–	–	–
Hypertensive disorders of pregnancy	1·4 (1·1–1·7)	–	–	–	–	–	–
Obstructed labor	0·3 (0·3–0·4)	–	–	–	–	–	–
Abortion	1·1 (0·9–1·3)	–	–	–	–	–	–
Other maternal disorders	2·3 (1·8–2·7)	–	–	–	–	–	–
Neonatal disorders	27·4 (22·8–32·6)	58.382·5 (47,501·2–70,158·3	4.093·9 (3,306·1–5,060·5)	96·8 (70·1–131·2)	1·1 (0·7–1·7)	–	–
Preterm birth complications	10·8 (8·4–13·6)	23,970·0 (18,397·0–30,408·5	1,342·1 (938·5–1,829·6)	33·1 (21·3–49·4)	0·2 (0·1–0·4)	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	6·0 (4·1–8·5)	13.970·5 (9,107·0–19,844·9)	646·6 (422·1–984·3)	13·4 (8·3–20·6)	0·4 (0·2–0·8)	–	–
Sepsis and other infectious disorders of the newborn baby	6·3 (3·0–12·1)	12,342·9 (5,680·9–24,620·9)	1,239·2 (585·9–2,503·9)	26·0 (9·9–60·7)	0·1 (0·0–0·4)	–	–
Other neonatal disorders	4·3 (3·3–5·8)	8.099·1 (5,830·6–11,633·4)	866·1 (594·5–1,245·9)	24·2 (15·5–36·9)	0·3 (0·2–0·6)	–	–
Nutritional deficiencies	10·4 (7·1–13·0)	–	–	109·9 (72·8–159·2)	25·8 (17·5–37·1)	2·2 (1·4–3·3)	1·5 (1·0–2·3)
Protein-energy malnutrition	9·1 (6·1–11·3)	–	–	105·8 (69·4–155·6)	24·4 (16·4–35·4)	1·9 (1·2–3·0)	1·3 (0·8–2·0)
Iodine deficiency	0·1 (0·0–0·1)	–	–	0·1 (0·1–0·2)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Iron-deficiency anemia	1·1 (0·7–1·3)	–	–	3·6 (2·3–5·2)	1·4 (0·9–2·0)	0·2 (0·1–0·3)	0·2 (0·1–0·3)
Other nutritional deficiencies	0·2 (0·1–0·2)	–	–	0·4 (0·2–0·5)	0·1 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)

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Other communicable, maternal, neonatal, and nutritional disorders	9·2 (7·6–11·2)	2,396·3 (1,488·3–3,614·5)	334·3 (219·9–481·3)	76·6 (55·9–103·0)	10·2 (7·2–14·7)	2·6 (1·8–3·8)	1·7 (1·1–2·8)
Sexually transmitted diseases excluding HIV	1·7 (1·0–2·7)	1,936·7 (1,104·6–3,171·3)	158·4 (90·9–260·1)	31·2 (17·7–50·6)	1·6 (0·9–2·6)	0·3 (0·2–0·5)	<0·05 (0·1–0·2)
Syphilis	1·6 (0·9–2·5)	1,936·7 (1,116·0–3,153·8)	158·4 (91·3–257·6)	31·2 (17·8–50·6)	1·6 (0·9–2·6)	0·3 (0·2–0·5)	<0·05 (0·0–0·05)
Sexually transmitted chlamydial diseases	<0·05 (0·8–1·8)	–	–	–	–	–	<0·05 (0·0–0·05)
Gonococcal infection	<0·05 (0·6–0·05)	–	–	–	–	–	<0·05 (0·0–0·05)
Other sexually transmitted diseases	0·1 (0·1–0·1)	–	–	–	–	–	<0·05 (0·0–0·05)
Hepatitis	3·8 (3·1–4·8)	–	–	13·0 (6·8–26·4)	2·9 (1·5–6·1)	1·0 (0·5–2·0)	1·0 (0·5–2·0)
Acute hepatitis A	1·3 (0·6–3·0)	–	–	9·0 (2·9–23·4)	1·0 (0·2–3·0)	0·1 (0·0–0·4)	0·1 (0·1–0·3)
Acute hepatitis B	1·3 (0·8–1·9)	–	–	4·1 (2·0–7·7)	0·3 (0·1–0·5)	0·1 (0·0–0·1)	<0·05 (0·1–0·3)
Acute hepatitis C	0·2 (0·1–0·3)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Acute hepatitis E	0·9 (0·4–2·0)	–	–	–	1·6 (0·5–4·4)	0·8 (0·3–1·9)	0·8 (0·3–2·0)
Other infectious diseases	3·7 (2·3–5·1)	459·6 (227·6–754·5)	175·9 (89·9–292·5)	32·4 (19·0–50·0)	5·7 (3·6–8·6)	1·2 (0·7–2·0)	0·7 (0·4–1·1)
Non-communicable diseases	473·2 (441·8–486·3)	5,318·9 (3,904·4–6,966·3)	907·5 (699·1–1,140·8)	225·0 (180·4–263·2)	51·7 (42·7–62·2)	15·2 (12·9–17·7)	15·5 (13·4–17·6)
Neoplasms	100·1 (90·5–107·2)	57·6 (34·7–93·2)	17·6 (9·9–30·9)	8·9 (5·7–13·9)	3·5 (2·3–5·0)	3·2 (2·3–3·9)	3·1 (2·3–3·7)
Esophageal cancer	3·3 (2·2–4·7)	–	–	–	–	–	–
Stomach cancer	8·2 (4·9–12·8)	–	–	–	–	–	–
Liver cancer	6·8 (4·9–7·6)	–	–	–	–	0·1 (0·1–0·2)	0·1 (0·1–0·3)
Liver cancer secondary to hepatitis B	2·5 (1·8–2·8)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·1–0·2)
Liver cancer secondary to hepatitis C	2·3 (1·6–2·5)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Liver cancer secondary to alcohol use	1·4 (1·0–1·6)	–	–	–	–	–	–
Other liver cancer	0·7 (0·5–0·8)	–	–	–	–	0·1 (0·1–0·2)	0·1 (0·0–0·2)
Larynx cancer	0·4 (0·2–0·5)	–	–	–	–	–	–
Trachea, bronchus and lung cancers	13·4 (7·5–16·1)	–	–	–	–	–	–

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Breast cancer	12·8 (12·3–13·5)	–	–	–	–	–	–
Cervical cancer	6·6 (4·3–9·1)	–	–	–	–	–	–
Uterine cancer	1·7 (0·8–2·6)	–	–	–	–	–	–
Prostate cancer	–	–	–	–	–	–	–
Colon and rectum cancers	10·0 (8·0–12·2)	–	–	–	–	–	–
Mouth cancer	1·3 (0·9–1·6)	–	–	–	–	–	–
Nasopharynx cancer	0·6 (0·3–0·8)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·1–0·2)
Cancer of other part of pharynx and oropharynx	0·7 (0·4–1·1)	–	–	–	–	–	–
Gallbladder and biliary tract cancer	2·6 (1·3–4·0)	–	–	–	–	–	–
Pancreatic cancer	4·2 (2·6–6·4)	–	–	–	–	–	–
Malignant melanoma of skin	0·6 (0·3–0·9)	–	–	–	–	–	–
Non-melanoma skin cancer	0·4 (0·2–0·7)	–	–	–	–	–	–
Ovarian cancer	4·7 (3·4–5·9)	–	–	–	–	–	–
Testicular cancer	–	–	–	–	–	–	–
Kidney and other urinary organ cancers	1·8 (1·0–2·7)	–	–	0·3 (0·1–0·5)	0·3 (0·1–0·5)	0·2 (0·1–0·3)	0·1 (0·0–0·2)
Bladder cancer	1·3 (1·1–1·5)	–	–	–	–	–	–
Brain and nervous system cancers	2·5 (1·1–3·2)	–	–	–	0·5 (0·1–1·2)	0·6 (0·3–0·8)	0·5 (0·2–0·7)
Thyroid cancer	0·7 (0·4–0·8)	–	–	–	–	–	<0·05 (0·0–0·2)
Hodgkin's disease	0·2 (0·1–0·3)	1·9 (0·7–3·9)	0·2 (0·0–0·4)	0·1 (0·0–0·1)	<0·05 (0·0–0·3)	<0·05 (0·1–0·2)	0·1 (0·0–0·1)
Non-Hodgkin's lymphoma	2·6 (1·6–2·9)	–	–	0·4 (0·3–0·6)	0·5 (0·3–0·7)	0·4 (0·2–0·7)	0·3 (0·2–0·5)
Multiple myeloma	1·0 (0·5–1·5)	–	–	–	–	–	–
Leukemia	3·5 (2·1–4·5)	–	–	2·9 (1·7–4·4)	1·3 (0·7–1·8)	1·1 (0·6–1·5)	1·2 (0·7–1·7)
Other neoplasms	8·2 (5·1–10·6)	55·7 (33·4–90·6)	17·4 (9·8–30·7)	5·3 (2·5–9·9)	0·9 (0·4–1·6)	0·8 (0·4–1·3)	0·7 (0·4–1·0)

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Cardiovascular and circulatory diseases	224·7 (193·8–247·3)	297·3 (175·6–393·4)	77·3 (45·8–110·9)	27·1 (17·8–34·7)	5·9 (3·9–7·9)	1·9 (1·2–2·5)	2·5 (1·8–3·3)
Rheumatic heart disease	5·6 (5·1–6·1)	–	–	–	0·5 (0·3–0·7)	0·2 (0·2–0·3)	0·5 (0·3–0·7)
Ischemic heart disease	96·3 (90·3–102·5)	–	–	5·3 (2·7–8·3)	1·1 (0·7–1·6)	0·4 (0·2–0·8)	0·6 (0·4–0·9)
Cerebrovascular disease	88·0 (76·5–99·2)	113·0 (69·8–168·5)	29·7 (18·2–44·8)	7·4 (3·5–11·5)	1·6 (1·0–2·4)	0·6 (0·4–0·8)	0·8 (0·5–1·1)
Ischemic stroke	46·3 (43·5–50·6)	–	–	1·7 (1·0–2·6)	0·4 (0·3–0·6)	0·1 (0·1–0·1)	0·1 (0·1–0·1)
Hemorrhagic and other non-ischemic stroke	41·7 (35·9–47·4)	113·0 (72·0–174·7)	29·7 (18·4–45·4)	5·7 (2·8–9·8)	1·2 (0·6–2·0)	0·5 (0·3–0·7)	0·7 (0·4–1·0)
Hypertensive heart disease	14·1 (9·7–19·9)	–	–	1·2 (0·7–1·8)	0·4 (0·2–0·6)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Cardiomyopathy and myocarditis	4·7 (4·3–5·3)	87·3 (50·4–162·9)	28·5 (13·8–61·5)	5·1 (2·7–9·7)	1·0 (0·5–2·6)	0·3 (0·2–0·5)	0·3 (0·2–0·4)
Atrial fibrillation and flutter	2·1 (1·7–2·7)	–	–	–	–	–	–
Aortic aneurysm	2·2 (1·4–2·9)	–	–	–	–	–	–
Peripheral vascular disease	0·9 (0·6–1·4)	–	–	–	–	–	–
Endocarditis	0·6 (0·4–0·8)	18·5 (10·7–28·8)	4·4 (2·5–6·2)	1·6 (1·0–2·2)	0·3 (0·2–0·5)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other cardiovascular and circulatory diseases	10·3 (9·8–10·7)	78·5 (52·0–111·2)	14·7 (9·8–21·0)	6·5 (4·4–8·7)	0·9 (0·5–1·4)	0·2 (0·2–0·3)	0·3 (0·2–0·3)
Chronic respiratory diseases	46·9 (44·5–49·5)	139·7 (93·6–235·6)	47·7 (32·7–79·4)	24·9 (17·8–37·5)	4·8 (4·0–6·0)	0·7 (0·6–1·0)	0·8 (0·6–1·1)
Chronic obstructive pulmonary disease	36·4 (34·4–38·5)	–	–	11·1 (6·2–21·5)	1·4 (1·0–2·2)	0·2 (0·1–0·4)	0·3 (0·1–0·5)
Pneumoconiosis	1·1 (0·6–2·1)	–	–	–	0·1 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Asthma	4·3 (3·7–6·5)	–	–	–	1·6 (0·7–2·7)	0·3 (0·1–0·5)	0·3 (0·2–0·5)
Other interstitial lung disease	1·2 (0·6–1·8)	–	–	–	0·1 (0·0–0·2)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other chronic respiratory diseases	3·8 (2·9–5·2)	139·7 (71·7–271·1)	47·7 (25·8–91·9)	13·8 (6·6–26·8)	1·6 (0·7–3·1)	0·2 (0·1–0·4)	0·2 (0·1–0·4)
Cirrhosis of the liver	9·9 (8·0–11·9)	–	–	–	2·1 (1·3–3·6)	0·4 (0·2–0·7)	0·6 (0·3–1·2)
Cirrhosis of the liver secondary to hepatitis B	3·1 (2·7–3·7)	–	–	–	0·1 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·2)
Cirrhosis of the liver secondary to hepatitis C	3·7 (3·0–4·2)	–	–	–	0·1 (0·0–0·1)	<0·05 (0·1–0·2)	0·1 (0·0–0·2)
Cirrhosis of the liver secondary to alcohol use	1·4 (1·2–1·6)	–	–	–	–	–	–

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Other cirrhosis of the liver	1·7 (1·4–1·9)	–	–	–	2·0 (1·2–3·2)	0·3 (0·2–0·6)	0·4 (0·2–0·8)
Digestive diseases (except cirrhosis)	15·7 (14·9–16·5)	–	–	–	6·1 (4·6–8·3)	0·9 (0·7–1·2)	1·0 (0·7–1·5)
Peptic ulcer disease	3·1 (2·5–3·9)	–	–	–	0·6 (0·3–1·6)	0·1 (0·1–0·3)	0·2 (0·1–0·5)
Gastritis and duodenitis	0·2 (0·1–0·3)	–	–	–	0·1 (0·0–0·2)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Appendicitis	0·5 (0·2–0·6)	–	–	–	0·8 (0·4–1·8)	0·1 (0·1–0·3)	0·1 (0·1–0·2)
Paralytic ileus and intestinal obstruction without hernia	2·1 (1·3–2·8)	–	–	–	0·9 (0·5–1·5)	0·2 (0·1–0·3)	0·2 (0·1–0·4)
Inguinal or femoral hernia	0·2 (0·2–0·2)	–	–	–	0·1 (0·1–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Noninfective inflammatory bowel disease	0·5 (0·3–0·7)	–	–	–	1·0 (0·2–1·9)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Vascular disorders of intestine	1·1 (0·6–2·0)	–	–	–	<0·05 (0·0–0·2)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Gall bladder and bile duct disease	1·5 (1·0–1·8)	–	–	–	0·3 (0·1–0·6)	<0·05 (0·1–0·2)	0·1 (0·0–0·1)
Pancreatitis	0·9 (0·6–1·1)	–	–	–	0·1 (0·0–0·2)	<0·05 (0·0–0·05)	<0·05 (0·1–0·05)
Other digestive diseases	5·6 (3·8–8·8)	–	–	–	2·1 (1·0–4·4)	0·2 (0·1–0·5)	0·3 (0·2–0·7)
Neurological disorders	20·9 (14·2–26·0)	–	–	19·0 (10·1–31·2)	7·7 (3·7–14·2)	2·7 (1·6–4·3)	2·5 (1·5–4·0)
Alzheimer's disease and other dementias	9·2 (4·6–11·9)	–	–	–	–	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Parkinson's disease	1·5 (0·9–2·0)	–	–	–	–	–	–
Epilepsy	2·3 (1·3–3·0)	–	–	6·1 (2·7–11·6)	4·1 (1·5–10·2)	1·0 (0·5–1·7)	0·9 (0·5–1·2)
Multiple sclerosis	0·3 (0·2–0·4)	–	–	–	–	–	–
Other neurological disorders	7·6 (3·4–12·4)	–	–	12·9 (6·0–24·4)	3·6 (1·6–7·0)	1·6 (0·8–3·0)	1·6 (0·7–3·1)
Mental and behavioral disorders	1·8 (1·4–2·6)	8·3 (3·6–14·4)	3·3 (1·3–5·1)	1·2 (0·5–2·1)	0·5 (0·2–1·0)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Schizophrenia	0·3 (0·2–0·3)	–	–	–	–	–	–
Alcohol use disorders	0·6 (0·3–1·2)	–	–	–	–	–	–
Drug use disorders	0·7 (0·4–1·0)	8·3 (3·6–14·4)	3·3 (1·3–5·1)	1·2 (0·5–2·1)	0·5 (0·2–0·9)	0·1 (0·0–0·1)	0·1 (0·0–0·2)
Opioid use disorders	0·4 (0·2–0·6)	4·2 (1·7–7·4)	1·7 (0·7–2·7)	0·6 (0·3–1·0)	0·2 (0·1–0·4)	<0·05 (0·0–0·2)	<0·05 (0·1–0·2)

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Cocaine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·3 (0·2–0·5)	4·0 (1·7–7·0)	1·6 (0·6–2·4)	0·6 (0·3–1·0)	0·3 (0·1–0·5)	<0·05 (0·1–0·2)	<0·05 (0·1–0·2)
Eating disorders	0·1 (0·1–0·2)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other mental and behavioral disorders	0·2 (0·1–0·3)	–	–	–	<0·05 (0·0–0·2)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Diabetes, urogenital, blood, and endocrine diseases	41·4 (35·4–45·6)	252·1 (151·6–460·5)	79·0 (45·0–136·8)	32·6 (22·9–46·6)	10·1 (5·7–15·4)	3·2 (2·1–4·4)	2·9 (2·1–3·9)
Diabetes mellitus	20·2 (15·7–21·3)	25·0 (16·5–36·2)	6·4 (4·2–9·3)	2·8 (1·8–4·3)	0·7 (0·5–1·1)	0·2 (0·2–0·4)	0·4 (0·2–0·5)
Acute glomerulonephritis	0·7 (0·4–1·8)	–	–	3·0 (1·1–6·9)	1·2 (0·4–3·1)	0·4 (0·1–1·2)	0·4 (0·1–1·0)
Chronic kidney diseases	10·5 (7·3–12·1)	–	–	5·9 (3·3–9·0)	1·6 (0·9–2·3)	0·6 (0·3–1·0)	0·6 (0·4–0·9)
Chronic kidney disease due to diabetes mellitus	2·7 (1·9–3·2)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Chronic kidney disease due to hypertension	2·4 (1·7–2·8)	–	–	0·7 (0·4–1·1)	0·2 (0·1–0·3)	0·1 (0·0–0·1)	0·1 (0·1–0·1)
Chronic kidney disease unspecified	5·4 (3·7–6·3)	–	–	5·3 (2·9–8·0)	1·4 (0·8–2·0)	0·5 (0·3–0·8)	0·5 (0·3–0·8)
Urinary diseases and male infertility	4·1 (3·0–5·2)	16·7 (10·1–39·5)	6·6 (3·9–13·0)	1·9 (1·3–3·4)	0·5 (0·3–1·0)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	2·6 (1·5–3·3)	8·2 (4·8–12·9)	3·5 (2·1–6·3)	1·2 (0·7–1·9)	0·3 (0·1–0·5)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Urolithiasis	0·2 (0·1–0·4)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other urinary diseases	1·2 (0·9–1·6)	8·5 (3·8–27·6)	3·1 (1·4–8·2)	0·7 (0·4–1·6)	0·2 (0·1–0·6)	<0·05 (0·1–0·2)	0·1 (0·0–0·1)
Gynecological diseases	0·2 (0·2–0·2)	–	–	–	–	–	–
Uterine fibroids	<0·05 (0·6–0·05)	–	–	–	–	–	–
Endometriosis	<0·05 (0·0–0·05)	–	–	–	–	–	–
Genital prolapse	<0·05 (0·3–0·05)	–	–	–	–	–	–
Other gynecological diseases	0·2 (0·1–0·2)	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	2·0 (1·2–2·8)	83·5 (41·1–133·6)	23·3 (10·3–38·8)	7·7 (3·7–12·5)	3·8 (1·1–7·7)	1·1 (0·5–1·8)	0·9 (0·5–1·3)
Thalassemias	0·3 (0·2–0·3)	1·5 (0·9–2·5)	1·0 (0·6–1·7)	0·6 (0·4–0·9)	0·4 (0·3–0·7)	0·2 (0·1–0·4)	0·3 (0·1–0·4)

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Sickle cell disorders	0·5 (0·2–0·7)	6·7 (4·5–9·5)	5·8 (2·9–8·9)	3·8 (1·5–5·8)	2·0 (0·6–3·6)	0·7 (0·3–1·1)	0·4 (0·2–0·7)
G6PD deficiency	<0·05 (1·4–2·0)	0·1 (0·1–0·3)	0·1 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	<0·05 (0·1–0·1)	<0·05 (0·0–0·05)
Other hemoglobinopathies and hemolytic anemias	1·1 (0·7–1·9)	75·2 (39·9–125·6)	16·4 (7·3–30·3)	3·3 (1·1–7·2)	1·3 (0·1–4·2)	0·2 (0·0–0·5)	0·2 (0·1–0·5)
Other endocrine, nutritional, blood, and immune disorders	3·8 (2·1–7·0)	126·9 (50·2–336·0)	42·7 (14·9–103·7)	11·2 (5·8–25·6)	2·3 (0·8–5·1)	0·7 (0·2–1·5)	0·6 (0·2–1·2)
Musculoskeletal disorders	2·9 (1·7–4·5)	–	–	–	–	0·1 (0·1–0·2)	0·3 (0·2–0·4)
Rheumatoid arthritis	0·9 (0·7–1·4)	–	–	–	–	<0·05 (0·1–0·3)	<0·05 (0·1–0·3)
Other musculoskeletal disorders	2·0 (1·5–2·4)	–	–	–	–	0·1 (0·1–0·2)	0·2 (0·1–0·3)
Other non-communicable diseases	8·9 (6·6–10·4)	4,563·8 (3,205·8–6,225·2)	682·6 (503·1–911·5)	111·3 (76·2–143·2)	10·9 (7·9–14·4)	2·0 (1·4–2·9)	1·8 (1·1–2·9)
Congenital anomalies	6·9 (4·7–8·5)	4,563·8 (3,205·8–6,225·2)	598·8 (444·3–804·4)	94·9 (62·2–128·6)	9·9 (7·1–13·6)	1·9 (1·3–2·8)	1·6 (1·0–2·8)
Neural tube defects	1·0 (0·5–1·6)	1,281·2 (565·7–2,413·0)	102·0 (47·0–193·7)	9·5 (4·1–19·2)	1·1 (0·4–2·7)	0·2 (0·1–0·5)	0·3 (0·1–0·8)
Congenital heart anomalies	3·1 (2·5–3·6)	1,527·8 (1,191·5–1,982·2)	256·1 (187·1–348·6)	40·0 (26·7–55·6)	4·5 (3·1–6·7)	0·9 (0·6–1·4)	0·8 (0·5–1·3)
Cleft lip and cleft palate	<0·05 (0·4–2·0)	28·2 (10·5–56·2)	4·9 (1·8–10·1)	0·6 (0·2–1·2)	<0·05 (0·0–0·2)	–	–
Down's syndrome	0·3 (0·1–0·4)	88·1 (41·6–173·4)	18·5 (7·9–37·4)	3·3 (1·5–6·3)	0·6 (0·2–1·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Other chromosomal abnormalities	0·3 (0·1–0·6)	241·3 (105·8–535·0)	44·1 (19·5–96·3)	5·3 (2·1–12·3)	0·3 (0·1–0·8)	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Other congenital anomalies	2·3 (1·4–2·9)	1,397·2 (764·6–2,108·1)	173·2 (92·3–262·0)	36·2 (18·3–56·7)	3·4 (1·5–5·8)	0·6 (0·3–1·1)	0·4 (0·2–0·9)
Skin and subcutaneous diseases	1·6 (1·1–2·0)	–	–	4·7 (2·8–7·0)	0·9 (0·5–1·4)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Cellulitis	0·4 (0·2–0·4)	–	–	1·0 (0·6–1·4)	0·3 (0·2–0·4)	<0·05 (0·1–0·2)	<0·05 (0·1–0·2)
Abscess, impetigo, and other bacterial skin diseases	0·6 (0·4–0·7)	–	–	3·7 (2·2–5·5)	0·6 (0·3–0·9)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Decubitus ulcer	0·7 (0·5–0·9)	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	0·3 (0·1–0·7)	–	83·9 (26·2–268·3)	11·7 (6·0–23·5)	–	–	–
Injuries	47·3 (41·5–52·2)	489·1 (397·2–642·0)	167·2 (133·0–215·4)	76·6 (63·1–94·4)	43·3 (36·3–50·9)	13·3 (11·4–16·2)	14·0 (11·5–18·0)
Transport injuries	10·2 (7·6–13·5)	36·4 (20·1–53·3)	13·3 (8·0–18·4)	8·8 (5·7–13·4)	9·3 (6·6–12·7)	4·0 (2·8–5·7)	3·5 (2·6–5·0)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Females, All Ages**	**Females, 0-6 Days**	**Females, 7-27 Days**	**Females, 28-364 Days**	**Females, 1-4 Years**	**Females, 5-9 Years**	**Females, 10-14 Years**
Road injury	9·7 (8·4–13·8)	30·6 (20·5–44·7)	11·6 (8·1–16·7)	8·3 (5·5–13·5)	8·8 (6·5–12·1)	3·8 (3·0–5·5)	3·4 (2·6–4·9)
Pedestrian injury by road vehicle	3·2 (2·2–4·2)	9·4 (2·9–20·1)	2·8 (1·1–5·1)	2·3 (0·9–5·2)	4·0 (1·8–7·1)	1·6 (1·1–2·4)	1·1 (0·7–1·7)
Pedal cycle vehicle	0·5 (0·4–0·9)	–	–	–	0·3 (0·1–0·6)	0·2 (0·1–0·4)	0·3 (0·1–0·5)
Motorized vehicle with two wheels	0·9 (0·8–1·1)	2·0 (1·1–3·3)	0·7 (0·4–1·2)	0·6 (0·3–1·1)	0·5 (0·3–0·8)	0·2 (0·1–0·3)	0·3 (0·2–0·4)
Motorized vehicle with three or more wheels	3·8 (2·9–5·2)	19·2 (9·1–38·8)	5·4 (2·6–9·8)	4·1 (2·1–7·9)	3·0 (1·7–4·9)	1·4 (0·9–2·1)	1·2 (0·8–2·0)
Road injury other	1·2 (0·4–2·7)	<0·05 (0·0–0·0)	2·7 (0·7–6·9)	1·3 (0·4–3·3)	0·9 (0·3–2·4)	0·4 (0·1–1·0)	0·5 (0·1–1·4)
Other transport injury	0·5 (0·3–0·6)	5·8 (3·0–10·0)	1·6 (0·9–2·5)	0·5 (0·3–0·9)	0·5 (0·2–1·0)	0·2 (0·1–0·3)	0·2 (0·1–0·3)
Unintentional injuries other than transport injuries	23·4 (19·5–26·5)	311·1 (229·8–451·9)	122·3 (91·9–170·7)	59·2 (46·1–75·9)	30·8 (24·7–37·3)	8·3 (6·6–10·9)	6·4 (5·2–8·4)
Falls	6·5 (4·5–7·6)	38·8 (17·9–61·0)	9·2 (5·3–15·8)	5·9 (3·8–9·3)	3·7 (2·3–5·5)	0·9 (0·6–1·6)	0·7 (0·4–1·1)
Drowning	3·0 (2·3–4·0)	16·2 (8·5–30·2)	3·1 (1·9–5·7)	4·4 (2·7–8·0)	9·6 (6·3–14·5)	2·4 (1·7–3·4)	2·0 (1·4–3·0)
Fire, heat and hot substances	5·2 (3·2–7·3)	25·9 (17·3–40·2)	16·1 (10·9–24·5)	10·4 (6·8–15·5)	8·3 (5·1–11·7)	2·1 (1·1–4·2)	1·3 (0·6–2·9)
Poisonings	1·8 (1·2–2·4)	16·2 (10·1–28·2)	8·7 (5·1–16·0)	3·0 (1·8–4·3)	1·8 (1·3–2·9)	0·5 (0·3–0·7)	0·5 (0·4–0·9)
Exposure to mechanical forces	1·7 (1·3–2·3)	13·6 (8·1–26·2)	4·3 (2·7–7·6)	2·2 (1·1–3·4)	2·3 (1·4–3·9)	0·8 (0·5–1·5)	0·7 (0·4–1·4)
Mechanical forces (firearm)	0·8 (0·2–1·8)	8·1 (1·7–21·4)	<0·05 (0·0–0·0)	0·8 (0·2–2·3)	0·8 (0·2–1·8)	0·4 (0·1–0·9)	0·4 (0·1–1·0)
Mechanical forces (other)	1·0 (0·4–1·4)	5·5 (1·9–11·1)	4·3 (1·6–7·0)	1·3 (0·3–2·4)	1·5 (0·5–3·1)	0·5 (0·2–1·0)	0·3 (0·1–0·7)
Adverse effects of medical treatment	1·1 (0·5–1·4)	29·3 (12·8–55·3)	9·6 (3·8–17·1)	3·2 (1·3–5·4)	0·6 (0·2–1·1)	0·1 (0·1–0·2)	0·1 (0·0–0·2)
Animal contact	0·8 (0·4–1·3)	37·1 (14·4–74·2)	11·8 (4·8–22·9)	4·5 (1·6–9·3)	1·7 (0·6–3·0)	0·6 (0·3–1·1)	0·4 (0·2–0·8)
Animal contact (venomous)	0·6 (0·2–1·1)	19·7 (4·7–43·7)	11·8 (4·2–22·0)	3·0 (0·8–6·7)	1·2 (0·4–2·3)	0·5 (0·1–1·1)	0·3 (0·1–0·7)
Animal contact (non-venomous)	0·2 (0·1–0·4)	17·4 (5·1–55·7)	<0·05 (0·0–0·05)	1·5 (0·4–3·6)	0·5 (0·1–1·1)	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Unintentional injuries not classified elsewhere	3·3 (2·3–3·9)	134·0 (81·3–256·7)	59·3 (34·9–103·7)	25·7 (17·0–40·3)	2·8 (1·9–4·3)	0·8 (0·5–1·3)	0·7 (0·4–1·1)
Self-harm and interpersonal violence	11·5 (8·2–14·5)	89·8 (58·0–140·0)	9·9 (5·7–17·9)	3·6 (2·4–4·9)	2·0 (1·2–2·9)	0·7 (0·5–1·0)	2·4 (1·5–4·2)
Self-harm	8·9 (5·7–11·9)	–	–	–	–	0·1 (0·1–0·3)	1·7 (0·8–3·5)
Interpersonal violence	2·6 (2·1–3·0)	89·8 (58·0–140·0)	9·9 (5·7–17·9)	3·6 (2·4–4·9)	2·0 (1·2–2·9)	0·6 (0·4–0·8)	0·7 (0·5–0·9)

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Cause	**Females, All Ages**	**Females, 0-6 Days**	**Females, 7-27 Days**	**Females, 28-364 Days**	**Females, 1-4 Years**	**Females, 5-9 Years**	**Females, 10-14 Years**
Assault by firearm	0·7 (0·3–1·2)	5·5 (1·7–11·9)	5·4 (0·2–25·8)	0·6 (0·2–1·1)	0·3 (0·1–0·7)	0·1 (0·1–0·3)	0·2 (0·1–0·4)
Assault by sharp object	0·7 (0·4–1·1)	9·3 (4·4–18·9)	0·3 (0·0–0·8)	0·4 (0·2–0·7)	0·2 (0·1–0·6)	0·1 (0·0–0·1)	0·1 (0·1–0·2)
Assault by other means	1·2 (0·9–1·4)	74·9 (49·1–129·3)	4·1 (0·5–7·3)	2·6 (1·9–3·8)	1·4 (0·7–2·4)	0·4 (0·3–0·5)	0·4 (0·3–0·5)
Forces of nature, war, and legal intervention	2·2 (1·1–4·9)	51·7 (34·8–73·7)	21·8 (15·1–31·6)	4·9 (3·8–6·7)	1·2 (0·9–1·6)	0·3 (0·2–0·4)	1·6 (0·6–5·2)
Exposure to forces of nature	2·0 (1·0–4·5)	51·7 (34·8–73·7)	19·9 (13·3–29·5)	4·3 (3·2–6·0)	1·1 (0·8–1·4)	0·3 (0·2–0·4)	1·5 (0·5–5·0)
Collective violence and legal intervention	0·2 (0·1–0·4)	–	1·9 (1·2–2·6)	0·6 (0·5–0·8)	0·1 (0·1–0·2)	<0·05 (0·1–0·05)	0·1 (0·1–0·2)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
All causes	101·4 (91·6–111·2)	143·6 (132·6–155·5)	173·3 (161·1–185·5)	193·0 (179·2–205·7)	219·6 (200·5–238·0)	258·3 (237·3–276·7)	354·7 (327·1–378·6)
Communicable, maternal, neonatal, and nutritional disorders	40·6 (35·6–45·7)	72·3 (65·4–79·4)	97·9 (90·2–105·8)	104·4 (96·2–112·4)	99·7 (89·2–110·5)	83·2 (74·7–92·0)	85·8 (75·2–96·8)
HIV/AIDS and tuberculosis	7·8 (6·7–9·0)	22·8 (19·6–26·4)	47·2 (42·3–52·5)	56·2 (51·2–61·3)	52·8 (46·9–59·1)	42·5 (36·3–48·0)	41·3 (34·4–48·9)
Tuberculosis	3·1 (2·3–4·1)	7·1 (4·7–9·9)	9·7 (6·5–13·1)	10·4 (7·0–14·3)	11·2 (7·5–15·4)	10·6 (7·7–14·0)	13·4 (9·4–18·2)
HIV/AIDS	4·6 (3·9–5·5)	15·8 (13·5–18·6)	37·5 (33·5–42·1)	45·7 (42·1–49·4)	41·6 (37·3–46·1)	31·9 (26·1–36·2)	27·9 (21·9–33·5)
HIV disease resulting in mycobacterial infection	0·9 (0·7–1·1)	3·0 (2·5–3·6)	7·1 (6·2–8·0)	8·5 (7·7–9·5)	7·7 (6·6–8·9)	5·6 (4·4–6·5)	4·7 (3·5–5·7)
HIV disease resulting in other specified or unspecified diseases	3·8 (3·1–4·5)	12·8 (10·7–15·2)	30·5 (26·8–34·4)	37·2 (34·0–40·5)	33·9 (30·2–38·0)	26·4 (21·6–30·1)	23·2 (18·3–28·0)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	12·9 (10·0–15·9)	16·5 (13·5–20·1)	17·6 (14·3–21·4)	16·9 (13·7–20·4)	17·4 (14·2–21·2)	16·7 (13·7–20·4)	22·2 (18·0–27·0)
Diarrheal diseases	3·6 (2·6–5·2)	5·2 (3·9–7·1)	6·4 (4·8–8·8)	6·1 (4·5–8·3)	5·9 (4·3–8·4)	5·4 (4·0–7·6)	7·1 (5·0–10·2)
Cholera	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·2–0·4)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·2 (0·1–0·3)	0·2 (0·1–0·4)
Other salmonella infections	0·4 (0·3–0·7)	0·6 (0·4–0·8)	0·6 (0·4–1·0)	0·6 (0·4–0·8)	0·5 (0·3–0·8)	0·4 (0·3–0·7)	0·5 (0·3–0·8)
Shigellosis	0·5 (0·3–0·8)	0·6 (0·4–1·0)	0·7 (0·4–1·2)	0·6 (0·4–1·0)	0·6 (0·3–0·9)	0·5 (0·3–0·8)	0·6 (0·4–1·1)
Enteropathogenic E coli infection	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	<0·05 (0·0–0·2)	0·1 (0·0–0·1)
Enterotoxigenic E coli infection	0·3 (0·2–0·6)	0·5 (0·3–0·8)	0·7 (0·4–1·1)	0·7 (0·4–1·1)	0·7 (0·4–1·2)	0·7 (0·4–1·1)	0·9 (0·5–1·4)
Campylobacter enteritis	0·2 (0·1–0·4)	0·3 (0·2–0·5)	0·3 (0·2–0·6)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·4)	0·4 (0·2–0·6)
Amoebiasis	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·4 (0·3–0·7)
Cryptosporidiosis	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Rotaviral enteritis	0·4 (0·3–0·7)	0·6 (0·4–0·9)	0·6 (0·4–1·0)	0·6 (0·4–0·9)	0·5 (0·3–0·8)	0·4 (0·3–0·7)	0·6 (0·4–1·0)
Other diarrheal diseases	1·4 (0·7–2·4)	2·1 (1·1–3·3)	2·6 (1·4–4·3)	2·5 (1·4–4·3)	2·6 (1·4–4·6)	2·4 (1·3–4·1)	3·3 (1·8–5·6)
Typhoid and paratyphoid fevers	2·8 (0·3–5·1)	2·6 (0·3–4·9)	2·2 (0·3–4·3)	2·0 (0·2–3·7)	1·7 (0·2–3·2)	1·5 (0·2–2·8)	1·4 (0·2–2·6)
Lower respiratory infections	3·7 (2·8–4·7)	5·2 (4·0–6·5)	6·1 (4·5–7·6)	6·0 (4·4–7·5)	6·8 (5·3–8·4)	7·5 (5·5–9·7)	10·0 (7·6–12·9)
Influenza	0·8 (0·6–1·0)	1·1 (0·9–1·4)	1·4 (1·0–1·8)	1·4 (1·1–1·8)	1·7 (1·3–2·1)	1·9 (1·4–2·5)	2·5 (1·9–3·2)
Pneumococcal pneumonia	0·9 (0·7–1·1)	1·4 (1·1–1·8)	1·8 (1·3–2·3)	2·0 (1·5–2·5)	2·4 (1·8–2·9)	2·7 (1·9–3·5)	3·6 (2·7–4·7)
H influenzae type B pneumonia	0·7 (0·5–0·9)	0·9 (0·7–1·2)	1·1 (0·8–1·4)	1·0 (0·8–1·3)	1·2 (0·9–1·5)	1·2 (0·9–1·6)	1·5 (1·2–2·0)

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Respiratory syncytial virus pneumonia	<0·05 (0·1–0·05)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)
Other lower respiratory infections	1·3 (1·0–1·7)	1·6 (1·3–2·1)	1·7 (1·2–2·2)	1·5 (1·1–2·0)	1·5 (1·1–2·0)	1·6 (1·1–2·2)	2·3 (1·7–3·1)
Upper respiratory infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Otitis media	<0·05 (0·0–0·4)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·4)
Meningitis	1·9 (1·4–2·4)	2·2 (1·5–3·1)	2·0 (1·4–2·8)	2·0 (1·3–2·7)	2·0 (1·3–3·0)	1·6 (1·2–2·3)	2·4 (1·6–3·5)
Pneumococcal meningitis	0·7 (0·5–0·9)	0·9 (0·6–1·2)	0·8 (0·6–1·1)	0·8 (0·5–1·1)	0·8 (0·5–1·1)	0·6 (0·4–0·8)	0·9 (0·6–1·3)
H influenzae type B meningitis	0·3 (0·2–0·4)	0·2 (0·1–0·3)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·1–0·2)
Meningococcal infection	0·5 (0·3–0·6)	0·5 (0·4–0·7)	0·5 (0·4–0·7)	0·5 (0·3–0·6)	0·5 (0·3–0·6)	0·4 (0·3–0·5)	0·5 (0·3–0·7)
Other meningitis	0·5 (0·3–0·6)	0·7 (0·4–0·9)	0·6 (0·5–0·9)	0·7 (0·4–0·9)	0·7 (0·5–1·0)	0·6 (0·5–0·8)	0·9 (0·6–1·4)
Encephalitis	0·6 (0·4–1·0)	0·9 (0·5–1·5)	0·7 (0·4–1·2)	0·7 (0·4–1·1)	0·7 (0·4–1·4)	0·5 (0·3–0·9)	0·9 (0·5–1·7)
Diphtheria	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Whooping cough	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)
Tetanus	0·1 (0·0–0·4)	0·1 (0·0–0·4)	0·1 (0·0–0·4)	0·1 (0·0–0·5)	0·1 (0·0–0·5)	0·1 (0·0–0·6)	0·2 (0·0–0·8)
Measles	0·3 (0·1–0·7)	0·2 (0·1–0·4)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)
Varicella	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	<0·05 (0·0–0·5)	<0·05 (0·0–0·6)	<0·05 (0·0–0·6)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)
Neglected tropical diseases and malaria	6·4 (4·2–9·9)	7·6 (4·8–13·0)	6·8 (4·1–12·7)	6·2 (3·7–11·1)	5·7 (3·5–10·0)	6·0 (3·6–10·4)	6·6 (4·1–11·0)
Malaria	5·4 (3·2–8·8)	6·7 (3·9–12·0)	5·9 (3·2–12·1)	5·3 (2·8–10·2)	4·6 (2·5–9·0)	4·9 (2·5–9·4)	5·2 (2·9–9·7)
Chagas disease	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)	<0·05 (0·0–0·3)	0·1 (0·0–0·2)
Leishmaniasis	0·4 (0·2–0·6)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·5)
African trypanosomiasis	0·2 (0·0–0·6)	0·2 (0·0–0·6)	0·2 (0·0–0·5)	0·2 (0·0–0·5)	0·1 (0·0–0·4)	0·1 (0·0–0·3)	0·1 (0·0–0·3)
Schistosomiasis	<0·05 (0·0–0·3)	<0·05 (0·0–0·4)	<0·05 (0·0–0·5)	<0·05 (0·0–0·7)	0·1 (0·0–0·5)	0·2 (0·0–0·9)	0·2 (0·0–1·4)
Cysticercosis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)
Echinococcosis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)
Dengue	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·2 (0·0–0·5)	0·1 (0·0–0·4)	0·2 (0·0–0·5)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
Rabies	0·2 (0·1–0·6)	0·2 (0·1–0·5)	0·2 (0·1–0·5)	0·2 (0·1–0·4)	0·2 (0·1–0·5)	0·2 (0·1–0·5)	0·2 (0·1–0·5)
Intestinal nematode infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Ascariasis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other neglected tropical diseases	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·4)
Maternal disorders	8·3 (5·9–10·9)	18·7 (14·8–23·1)	19·7 (15·2–24·1)	18·5 (14·2–22·8)	16·6 (12·6–21·8)	10·2 (7·9–13·1)	6·2 (4·5–8·2)
Maternal hemorrhage	1·4 (1·0–1·7)	3·4 (2·7–4·2)	4·3 (3·3–5·2)	4·7 (3·6–5·6)	4·4 (3·3–5·7)	2·9 (2·3–3·7)	1·9 (1·4–2·5)
Maternal sepsis	0·9 (0·7–1·3)	2·0 (1·6–2·6)	1·8 (1·4–2·2)	1·4 (1·0–1·8)	1·2 (0·9–1·6)	0·6 (0·5–0·9)	0·3 (0·2–0·4)
Hypertensive disorders of pregnancy	2·2 (1·5–3·0)	3·8 (3·0–4·8)	3·6 (2·7–4·5)	3·1 (2·3–3·9)	2·8 (2·1–3·8)	1·6 (1·2–2·1)	0·9 (0·6–1·2)
Obstructed labor	0·3 (0·2–0·4)	0·9 (0·7–1·2)	0·8 (0·6–1·1)	0·7 (0·5–1·0)	0·8 (0·5–1·2)	0·5 (0·3–0·7)	0·2 (0·1–0·4)
Abortion	1·3 (0·9–1·7)	2·9 (2·3–3·8)	2·9 (2·3–3·7)	2·7 (2·0–3·5)	2·3 (1·7–3·2)	1·3 (1·0–1·8)	0·7 (0·5–1·0)
Other maternal disorders	2·2 (1·6–2·7)	5·7 (4·4–6·8)	6·3 (4·8–7·4)	6·0 (4·6–7·1)	5·1 (3·9–6·4)	3·3 (2·6–4·1)	2·2 (1·6–2·8)
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	2·7 (1·6–4·5)	3·3 (2·0–5·6)	3·2 (2·0–5·1)	3·3 (2·1–5·2)	3·5 (2·2–5·9)	3·6 (2·3–6·0)	4·1 (2·6–6·4)
Protein-energy malnutrition	2·1 (1·2–3·6)	2·5 (1·5–4·4)	2·4 (1·5–4·0)	2·6 (1·6–4·2)	3·0 (1·8–5·2)	3·0 (1·9–5·3)	3·5 (2·1–5·7)
Iodine deficiency	<0·05 (0·1–0·05)	0·1 (0·1–0·1)	0·1 (0·0–0·1)	<0·05 (0·1–0·2)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Iron-deficiency anemia	0·5 (0·3–0·8)	0·7 (0·4–1·1)	0·7 (0·4–1·0)	0·6 (0·4–0·9)	0·5 (0·3–0·8)	0·5 (0·3–0·7)	0·5 (0·3–0·7)
Other nutritional deficiencies	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other communicable, maternal, neonatal, and nutritional disorders	2·5 (1·5–4·5)	3·2 (2·2–5·0)	3·4 (2·2–5·8)	3·3 (2·3–5·1)	3·6 (2·6–5·4)	4·2 (3·0–6·4)	5·5 (3·7–8·7)
Sexually transmitted diseases excluding HIV	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·2–0·3)
Syphilis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
Sexually transmitted chlamydial diseases	<0·05 (0·0–0·05)	<0·05 (0·1–0·2)	<0·05 (0·1–0·2)	<0·05 (0·1–0·2)	<0·05 (0·1–0·1)	<0·05 (0·1–0·1)	<0·05 (0·1–0·1)
Gonococcal infection	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·1–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)
Other sexually transmitted diseases	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Hepatitis	1·8 (0·8–3·7)	2·2 (1·2–3·9)	2·1 (1·1–4·6)	2·0 (1·2–3·8)	2·3 (1·4–4·1)	2·8 (1·7–4·7)	3·7 (2·2–6·9)
Acute hepatitis A	0·1 (0·0–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·6)	0·4 (0·1–0·9)	0·6 (0·2–1·8)	1·0 (0·4–2·8)	1·6 (0·5–4·4)
Acute hepatitis B	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·5)	0·5 (0·2–0·9)	1·0 (0·5–1·8)	1·7 (0·9–3·4)
Acute hepatitis C	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·5)
Acute hepatitis E	1·5 (0·4–4·1)	1·9 (0·6–4·4)	1·7 (0·5–4·9)	1·4 (0·4–3·3)	1·0 (0·4–2·3)	0·6 (0·2–1·5)	0·2 (0·0–0·7)
Other infectious diseases	0·7 (0·4–1·0)	0·9 (0·5–1·4)	1·1 (0·6–1·7)	1·1 (0·6–1·7)	1·2 (0·7–1·9)	1·3 (0·7–2·1)	1·5 (0·9–2·6)
Non-communicable diseases	24·0 (21·0–26·6)	32·3 (27·9–35·8)	39·4 (34·8–43·1)	54·6 (48·1–59·5)	84·5 (74·8–91·8)	137·6 (122·9–148·3)	228·9 (205·8–245·7)
Neoplasms	5·3 (4·1–6·5)	6·6 (5·2–7·9)	9·6 (8·0–11·1)	17·1 (14·6–19·2)	31·0 (27·4–34·2)	55·3 (49·3–60·7)	93·7 (85·0–101·8)
Esophageal cancer	<0·05 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·4)	0·5 (0·3–0·9)	1·3 (0·6–2·7)	2·5 (1·3–4·4)
Stomach cancer	0·1 (0·0–0·1)	0·2 (0·1–0·4)	0·6 (0·3–1·0)	1·4 (0·7–2·1)	2·4 (1·3–3·8)	4·0 (2·2–6·2)	6·1 (3·5–9·9)
Liver cancer	0·2 (0·1–0·5)	0·4 (0·2–0·7)	0·6 (0·4–1·1)	1·0 (0·6–1·7)	1·9 (1·2–3·2)	3·3 (2·1–5·1)	5·7 (4·0–7·9)
Liver cancer secondary to hepatitis B	0·1 (0·0–0·2)	0·1 (0·1–0·3)	0·2 (0·1–0·4)	0·4 (0·2–0·6)	0·7 (0·4–1·2)	1·3 (0·8–2·0)	2·2 (1·5–3·2)
Liver cancer secondary to hepatitis C	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·1–0·2)	0·1 (0·0–0·1)	0·2 (0·1–0·3)	0·5 (0·3–0·7)	1·1 (0·8–1·5)
Liver cancer secondary to alcohol use	<0·05 (0·0–0·05)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·2–0·4)	0·5 (0·3–0·8)	0·8 (0·5–1·2)	1·3 (0·9–1·8)
Other liver cancer	0·1 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·2–0·5)	0·5 (0·3–0·8)	0·8 (0·5–1·2)	1·1 (0·8–1·5)
Larynx cancer	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·4)	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·4 (0·2–0·7)
Trachea, bronchus and lung cancers	0·1 (0·0–0·1)	0·2 (0·1–0·3)	0·4 (0·2–0·6)	0·9 (0·4–1·3)	1·9 (1·0–2·8)	4·7 (2·6–6·5)	9·3 (5·2–12·4)
Breast cancer	0·1 (0·1–0·1)	0·2 (0·2–0·3)	0·9 (0·7–1·0)	2·8 (2·5–3·1)	6·4 (5·9–7·0)	11·4 (10·6–12·4)	19·1 (18·0–20·5)
Cervical cancer	0·1 (0·0–0·1)	0·2 (0·1–0·4)	0·8 (0·5–1·1)	1·9 (1·1–2·7)	4·1 (2·4–5·5)	7·1 (4·2–9·7)	11·8 (7·0–16·2)
Uterine cancer	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·3 (0·1–0·5)	0·6 (0·3–0·9)	1·1 (0·5–1·6)
Prostate cancer	–	–	–	–	–	–	–

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Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
	0·1	0·3	0·6	1·0	1·8	3·2	5·9
Colon and rectum cancers	(0·1–0·1)	(0·2–0·4)	(0·4–0·8)	(0·8–1·3)	(1·4–2·4)	(2·5–4·3)	(4·5–7·5)
	0·1	0·1	0·2	0·2	0·4	0·8	1·4
Mouth cancer	(0·0–0·1)	(0·0–0·2)	(0·1–0·3)	(0·1–0·4)	(0·3–0·6)	(0·5–1·3)	(0·9–2·0)
	0·1	0·1	0·1	0·2	0·4	0·6	1·0
Nasopharynx cancer	(0·0–0·2)	(0·0–0·3)	(0·0–0·2)	(0·1–0·5)	(0·2–0·9)	(0·3–1·3)	(0·5–1·9)
	0·1	0·1	0·1	0·2	0·3	0·6	1·0
Cancer of other part of pharynx and oropharynx	(0·0–0·2)	(0·0–0·2)	(0·0–0·4)	(0·1–1·0)	(0·1–0·9)	(0·2–1·3)	(0·4–2·0)
	0·1	0·1	0·1	0·2	0·4	0·9	1·6
Gallbladder and biliary tract cancer	(0·0–0·2)	(0·0–0·3)	(0·0–0·7)	(0·1–1·0)	(0·1–0·8)	(0·3–1·7)	(0·7–2·8)
	<0·05	0·1	0·1	0·2	0·4	0·9	1·9
Pancreatic cancer	(0·0–0·5)	(0·0–0·1)	(0·0–0·2)	(0·1–0·4)	(0·2–0·7)	(0·5–1·4)	(1·1–3·2)
	<0·05	<0·05	0·1	0·1	0·2	0·4	0·6
Malignant melanoma of skin	(0·0–0·05)	(0·1–0·3)	(0·0–0·1)	(0·1–0·2)	(0·1–0·3)	(0·2–0·6)	(0·3–1·0)
	<0·05	<0·05	<0·05	0·1	0·1	0·1	0·2
Non-melanoma skin cancer	(0·0–0·05)	(0·0–0·05)	(0·0–0·2)	(0·0–0·1)	(0·0–0·1)	(0·0–0·2)	(0·1–0·3)
	0·3	0·4	0·5	0·8	1·6	3·1	6·3
Ovarian cancer	(0·2–0·4)	(0·2–0·5)	(0·3–0·7)	(0·5–1·0)	(1·0–2·0)	(2·0–4·0)	(4·4–8·2)
Testicular cancer	–	–	–	–	–	–	–
	0·1	0·1	0·1	0·1	0·3	0·6	1·0
Kidney and other urinary organ cancers	(0·0–0·2)	(0·0–0·2)	(0·0–0·2)	(0·1–0·2)	(0·1–0·5)	(0·3–1·0)	(0·6–1·7)
	<0·05	<0·05	<0·05	0·1	0·2	0·3	0·5
Bladder cancer	(0·0–0·05)	(0·1–0·05)	(0·1–0·2)	(0·1–0·1)	(0·1–0·2)	(0·2–0·4)	(0·3–0·6)
	0·4	0·5	0·6	0·8	1·3	1·8	2·9
Brain and nervous system cancers	(0·2–0·6)	(0·2–0·7)	(0·3–0·8)	(0·4–1·2)	(0·6–2·0)	(0·8–2·9)	(1·3–4·3)
	<0·05	<0·05	<0·05	0·1	0·1	0·2	0·4
Thyroid cancer	(0·0–0·1)	(0·0–0·05)	(0·1–0·2)	(0·0–0·1)	(0·1–0·2)	(0·1–0·3)	(0·2–0·5)
	0·1	0·1	0·2	0·1	0·1	0·2	0·2
Hodgkin's disease	(0·0–0·1)	(0·1–0·2)	(0·1–0·3)	(0·1–0·2)	(0·1–0·3)	(0·1–0·3)	(0·1–0·3)
	0·5	0·6	0·5	0·7	0·8	1·2	1·8
Non-Hodgkin's lymphoma	(0·2–0·7)	(0·3–0·9)	(0·3–0·8)	(0·4–1·0)	(0·5–1·0)	(0·7–1·6)	(1·1–2·3)
	<0·05	<0·05	<0·05	<0·05	0·1	0·2	0·4
Multiple myeloma	(0·0–0·4)	(0·0–0·3)	(0·0–0·3)	(0·0–0·2)	(0·0–0·3)	(0·1–0·4)	(0·2–0·7)
	1·5	1·3	1·3	1·5	1·9	2·4	3·1
Leukemia	(0·9–2·0)	(0·7–1·9)	(0·8–1·8)	(0·8–2·1)	(1·1–2·7)	(1·3–3·3)	(1·8–4·3)
	1·4	1·4	1·6	2·1	3·0	5·0	7·6
Other neoplasms	(0·8–2·2)	(0·8–2·2)	(0·8–2·3)	(1·2–3·2)	(1·7–4·3)	(2·7–7·4)	(4·0–11·2)
	4·9	7·4	9·4	13·7	22·1	39·0	67·8
Cardiovascular and circulatory diseases	(3·3–6·1)	(5·2–9·2)	(6·7–11·6)	(9·6–16·8)	(15·7–26·3)	(28·0–46·1)	(50·2–79·0)
	0·8	1·1	1·6	1·9	2·4	3·2	4·2
Rheumatic heart disease	(0·6–1·1)	(0·9–1·6)	(1·2–2·1)	(1·5–2·6)	(1·9–3·2)	(2·5–4·1)	(3·3–5·4)
	1·4	2·3	2·8	4·6	7·5	14·5	24·8
Ischemic heart disease	(1·0–2·0)	(1·7–3·1)	(2·2–3·6)	(3·6–5·9)	(5·9–9·4)	(11·2–17·8)	(20·1–29·0)
	1·2	1·9	2·5	3·8	7·0	13·6	25·6
Cerebrovascular disease	(0·8–1·7)	(1·4–2·5)	(1·9–3·1)	(3·0–4·6)	(5·2–8·4)	(10·1–16·0)	(19·0–30·7)
	0·2	0·3	0·5	0·7	1·1	2·0	3·8
Ischemic stroke	(0·2–0·2)	(0·3–0·5)	(0·4–0·6)	(0·6–0·9)	(0·9–1·4)	(1·6–2·4)	(3·4–4·5)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
Hemorrhagic and other non-ischemic stroke	1·1 (0·7–1·5)	1·6 (1·1–2·2)	2·1 (1·5–2·7)	3·1 (2·3–4·0)	5·9 (4·5–7·4)	11·6 (9·0–14·1)	21·8 (17·6–26·2)
Hypertensive heart disease	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·5 (0·3–0·7)	0·8 (0·5–1·1)	1·4 (0·9–2·1)	2·5 (1·6–3·7)	4·8 (3·2–6·8)
Cardiomyopathy and myocarditis	0·5 (0·3–0·7)	0·6 (0·5–0·9)	0·8 (0·6–1·1)	1·0 (0·7–1·3)	1·3 (1·0–1·7)	1·8 (1·5–2·2)	2·8 (2·3–3·5)
Atrial fibrillation and flutter	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·1–0·2)	0·1 (0·1–0·1)	0·2 (0·1–0·3)
Aortic aneurysm	<0·05 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·7)	0·6 (0·3–1·2)
Peripheral vascular disease	–	–	–	–	–	0·1 (0·0–0·1)	0·1 (0·1–0·2)
Endocarditis	0·1 (0·1–0·1)	0·2 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·2–0·3)	0·3 (0·2–0·4)	0·4 (0·2–0·6)
Other cardiovascular and circulatory diseases	0·6 (0·5–0·8)	0·9 (0·7–1·1)	1·0 (0·9–1·2)	1·3 (1·1–1·6)	2·0 (1·6–2·4)	2·7 (2·3–3·1)	4·3 (3·7–5·0)
Chronic respiratory diseases	1·3 (1·0–1·8)	1·9 (1·5–2·5)	2·4 (1·9–3·2)	2·9 (2·4–3·8)	4·5 (3·6–5·9)	6·6 (5·3–8·3)	12·1 (10·0–15·0)
Chronic obstructive pulmonary disease	0·5 (0·3–0·9)	0·7 (0·5–1·2)	1·0 (0·6–1·7)	1·3 (0·8–2·1)	2·2 (1·4–3·4)	3·5 (2·4–5·1)	7·2 (5·3–10·2)
Pneumoconiosis	<0·05 (0·0–0·05)	<0·05 (0·0–0·4)	<0·05 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·1–0·3)	0·2 (0·1–0·4)
Asthma	0·4 (0·3–0·7)	0·5 (0·4–0·9)	0·7 (0·5–1·3)	0·8 (0·6–1·4)	1·3 (0·9–2·4)	1·7 (1·3–2·9)	2·8 (2·1–4·8)
Other interstitial lung disease	<0·05 (0·0–0·2)	<0·05 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·4 (0·2–0·7)
Other chronic respiratory diseases	0·3 (0·2–0·6)	0·5 (0·3–0·9)	0·6 (0·4–1·1)	0·7 (0·4–1·1)	0·8 (0·5–1·4)	1·0 (0·7–1·7)	1·4 (1·0–2·3)
Cirrhosis of the liver	0·7 (0·5–1·1)	1·2 (0·8–1·6)	1·9 (1·2–2·5)	3·0 (2·2–3·9)	4·5 (3·4–5·8)	7·0 (5·6–8·9)	10·7 (8·4–13·1)
Cirrhosis of the liver secondary to hepatitis B	0·2 (0·1–0·2)	0·3 (0·2–0·4)	0·5 (0·3–0·6)	0·8 (0·6–1·0)	1·2 (1·0–1·7)	2·0 (1·6–2·6)	3·1 (2·5–3·9)
Cirrhosis of the liver secondary to hepatitis C	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·4 (0·3–0·5)	0·6 (0·5–0·8)	1·0 (0·8–1·3)	1·9 (1·5–2·3)	3·3 (2·7–3·9)
Cirrhosis of the liver secondary to alcohol use	<0·05 (0·0–0·05)	0·1 (0·1–0·2)	0·3 (0·2–0·4)	0·5 (0·4–0·7)	0·9 (0·7–1·1)	1·3 (1·0–1·5)	1·8 (1·5–2·2)
Other cirrhosis of the liver	0·4 (0·3–0·6)	0·6 (0·4–0·8)	0·8 (0·6–1·0)	1·1 (0·8–1·4)	1·4 (1·2–1·9)	1·9 (1·5–2·3)	2·4 (1·9–2·8)
Digestive diseases (except cirrhosis)	1·8 (1·3–2·6)	2·6 (2·0–3·5)	2·6 (2·0–3·5)	3·4 (2·7–4·4)	4·1 (3·2–5·3)	5·7 (4·6–7·3)	8·0 (6·6–10·0)
Peptic ulcer disease	0·6 (0·3–1·2)	0·8 (0·4–1·4)	0·7 (0·4–1·2)	0·9 (0·6–1·6)	1·1 (0·7–1·9)	1·6 (0·9–2·7)	2·1 (1·3–3·7)
Gastritis and duodenitis	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)	<0·05 (0·1–0·2)	<0·05 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)
Appendicitis	0·1 (0·1–0·2)	0·1 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·1–0·4)
Paralytic ileus and intestinal obstruction without hernia	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·4 (0·3–0·7)	0·5 (0·3–0·9)	0·7 (0·4–1·1)	1·0 (0·6–1·5)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
Inguinal or femoral hernia	<0·05 (0·0–0·05)	<0·05 (0·1–0·05)	<0·05 (0·0–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·1)	0·1 (0·1–0·1)
Noninfective inflammatory bowel disease	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·2–0·3)
Vascular disorders of intestine	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·5)
Gall bladder and bile duct disease	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·5 (0·3–0·7)	0·7 (0·4–1·0)
Pancreatitis	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·4 (0·3–0·6)	0·6 (0·4–0·9)
Other digestive diseases	0·6 (0·3–1·1)	0·8 (0·4–1·7)	0·8 (0·4–1·7)	1·0 (0·5–1·9)	1·3 (0·7–2·3)	1·9 (1·1–3·3)	2·8 (1·7–4·7)
Neurological disorders	3·3 (2·1–4·9)	3·9 (2·5–5·6)	3·8 (2·4–5·5)	4·2 (2·7–6·2)	4·8 (3·1–8·1)	5·9 (3·7–9·2)	8·4 (4·9–14·6)
Alzheimer's disease and other dementias	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·5)
Parkinson's disease	–	<0·05 (0·1–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·2)
Epilepsy	1·5 (0·9–2·0)	1·9 (1·2–2·7)	1·8 (1·2–2·5)	1·7 (1·1–2·3)	1·7 (1·1–2·2)	1·7 (1·1–2·1)	1·7 (1·1–2·3)
Multiple sclerosis	–	<0·05 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·4)	0·3 (0·2–0·5)	0·6 (0·4–0·9)
Other neurological disorders	1·7 (0·8–3·2)	1·8 (0·8–3·5)	1·7 (0·8–3·6)	2·2 (1·0–4·2)	2·7 (1·1–5·7)	3·6 (1·6–6·8)	5·6 (2·5–11·8)
Mental and behavioral disorders	0·4 (0·2–0·6)	0·7 (0·4–1·0)	1·0 (0·6–1·4)	1·2 (0·8–1·8)	1·5 (1·0–2·3)	2·2 (1·5–3·3)	2·7 (1·7–4·1)
Schizophrenia	–	–	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·4 (0·2–0·6)	0·4 (0·2–0·6)
Alcohol use disorders	<0·05 (0·0–0·3)	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·6)	0·5 (0·2–1·1)	0·8 (0·4–1·7)	1·3 (0·5–2·4)
Drug use disorders	0·3 (0·1–0·4)	0·5 (0·2–0·8)	0·6 (0·3–1·1)	0·6 (0·3–1·1)	0·6 (0·3–1·2)	0·8 (0·4–1·4)	0·9 (0·4–1·6)
Opioid use disorders	0·2 (0·1–0·2)	0·3 (0·1–0·5)	0·4 (0·2–0·6)	0·3 (0·2–0·6)	0·4 (0·2–0·6)	0·5 (0·2–0·8)	0·5 (0·2–0·9)
Cocaine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·1 (0·1–0·2)	0·2 (0·1–0·4)	0·3 (0·1–0·5)	0·3 (0·1–0·5)	0·3 (0·1–0·5)	0·3 (0·2–0·6)	0·4 (0·2–0·7)
Eating disorders	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other mental and behavioral disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·1–0·2)	0·1 (0·0–0·1)
Diabetes, urogenital, blood, and endocrine diseases	4·1 (3·2–5·4)	5·5 (4·3–6·9)	6·1 (5·0–7·3)	7·0 (5·8–8·3)	9·4 (7·8–11·1)	12·6 (10·7–14·7)	21·6 (18·2–24·3)
Diabetes mellitus	0·6 (0·4–0·9)	1·0 (0·6–1·4)	1·3 (1·1–1·6)	1·7 (1·3–2·1)	2·6 (2·1–3·3)	4·6 (3·4–5·5)	9·5 (7·2–11·2)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
Acute glomerulonephritis	0·4 (0·1–1·1)	0·4 (0·1–1·2)	0·3 (0·1–0·8)	0·4 (0·2–0·9)	0·4 (0·2–1·1)	0·4 (0·2–1·1)	0·6 (0·2–1·6)
Chronic kidney diseases	1·0 (0·7–1·4)	1·4 (1·0–1·8)	1·7 (1·2–2·2)	2·1 (1·6–2·8)	3·4 (2·3–4·3)	4·2 (2·9–5·3)	6·7 (4·5–8·2)
Chronic kidney disease due to diabetes mellitus	<0·05 (0·0–0·05)	0·1 (0·0–0·1)	0·2 (0·1–0·2)	0·3 (0·2–0·4)	0·6 (0·4–0·8)	0·9 (0·6–1·1)	1·7 (1·1–2·1)
Chronic kidney disease due to hypertension	0·2 (0·1–0·2)	0·2 (0·2–0·3)	0·3 (0·2–0·4)	0·4 (0·3–0·6)	0·7 (0·5–1·0)	1·0 (0·7–1·2)	1·5 (1·0–1·9)
Chronic kidney disease unspecified	0·9 (0·6–1·2)	1·1 (0·8–1·5)	1·2 (0·9–1·6)	1·4 (1·0–1·9)	2·1 (1·4–2·7)	2·3 (1·6–3·0)	3·5 (2·3–4·3)
Urinary diseases and male infertility	0·3 (0·2–0·3)	0·4 (0·2–0·5)	0·4 (0·3–0·6)	0·6 (0·4–0·8)	0·8 (0·5–1·0)	1·0 (0·7–1·3)	1·6 (1·1–2·2)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·4 (0·2–0·5)	0·5 (0·3–0·7)	0·9 (0·5–1·3)
Urolithiasis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·1–0·3)
Other urinary diseases	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·4 (0·2–0·5)	0·6 (0·4–0·9)
Gynecological diseases	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·4)	0·3 (0·2–0·5)	0·3 (0·2–0·4)
Uterine fibroids	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·1–0·1)	0·1 (0·0–0·1)
Endometriosis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Genital prolapse	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other gynecological diseases	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·3)
Hemoglobinopathies and hemolytic anemias	1·0 (0·6–1·6)	1·3 (0·7–2·0)	1·2 (0·6–1·8)	0·9 (0·5–1·4)	0·7 (0·4–1·2)	0·6 (0·4–1·0)	0·8 (0·5–1·3)
Thalassemias	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·4)	0·3 (0·2–0·3)	0·2 (0·2–0·3)	0·2 (0·1–0·3)	0·2 (0·2–0·3)
Sickle cell disorders	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·4 (0·2–0·5)	0·3 (0·2–0·4)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)
G6PD deficiency	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other hemoglobinopathies and hemolytic anemias	0·3 (0·1–0·7)	0·6 (0·2–1·1)	0·5 (0·1–0·9)	0·3 (0·1–0·7)	0·2 (0·1–0·5)	0·2 (0·1–0·5)	0·3 (0·1–0·6)
Other endocrine, nutritional, blood, and immune disorders	0·7 (0·3–1·4)	0·9 (0·4–1·7)	1·0 (0·4–2·0)	1·2 (0·5–2·1)	1·3 (0·6–2·2)	1·6 (0·8–2·8)	2·2 (1·1–3·9)
Musculoskeletal disorders	0·6 (0·4–1·0)	1·0 (0·5–1·5)	1·0 (0·5–1·5)	1·0 (0·6–1·6)	1·2 (0·6–1·8)	1·5 (0·9–2·2)	1·9 (1·1–3·2)
Rheumatoid arthritis	0·1 (0·0–0·1)	0·1 (0·1–0·3)	0·1 (0·1–0·3)	0·1 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·2–0·5)	0·4 (0·3–0·7)
Other musculoskeletal disorders	0·6 (0·4–0·7)	0·9 (0·6–1·3)	0·8 (0·6–1·1)	0·9 (0·6–1·1)	1·0 (0·7–1·4)	1·2 (0·9–1·7)	1·5 (1·1–2·0)
Other non-communicable diseases	1·5 (1·0–2·0)	1·5 (1·1–2·0)	1·7 (1·2–2·3)	1·1 (0·8–1·3)	1·3 (1·0–1·7)	1·7 (1·2–2·3)	2·0 (1·5–2·7)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
Congenital anomalies	1·2 (0·8–1·7)	1·2 (0·8–1·7)	1·3 (0·8–1·9)	0·7 (0·5–0·9)	0·8 (0·6–1·1)	0·8 (0·6–1·1)	1·1 (0·8–1·6)
Neural tube defects	0·1 (0·0–0·3)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Congenital heart anomalies	0·7 (0·5–1·0)	0·7 (0·4–1·0)	0·7 (0·5–1·1)	0·4 (0·2–0·5)	0·4 (0·3–0·6)	0·4 (0·3–0·6)	0·5 (0·3–0·7)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·1–0·2)
Other chromosomal abnormalities	<0·05 (0·0–0·2)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)
Other congenital anomalies	0·3 (0·1–0·5)	0·3 (0·1–0·5)	0·3 (0·1–0·5)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·4 (0·2–0·7)
Skin and subcutaneous diseases	0·3 (0·2–0·5)	0·3 (0·2–0·4)	0·4 (0·2–0·6)	0·4 (0·2–0·5)	0·5 (0·3–0·7)	0·9 (0·4–1·4)	0·9 (0·5–1·4)
Cellulitis	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·5)	0·3 (0·2–0·5)
Abscess, impetigo, and other bacterial skin diseases	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·4 (0·2–0·6)	0·4 (0·2–0·6)
Decubitus ulcer	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·2 (0·1–0·3)	0·2 (0·1–0·4)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	36·8 (29·4–46·5)	39·1 (32·2–48·3)	35·9 (29·8–44·3)	34·0 (28·1–41·9)	35·4 (28·6–43·8)	37·6 (30·8–46·1)	39·9 (33·8–48·9)
Transport injuries	7·8 (5·7–10·2)	8·5 (6·2–10·9)	7·6 (5·6–10·4)	7·0 (5·2–9·8)	8·1 (5·5–11·6)	9·3 (6·4–13·5)	10·8 (7·7–16·4)
Road injury	7·4 (6·1–9·6)	8·0 (6·8–10·6)	7·2 (5·8–10·2)	6·6 (5·4–9·2)	7·7 (6·1–11·2)	8·9 (6·9–13·3)	10·4 (8·0–16·3)
Pedestrian injury by road vehicle	1·8 (1·2–2·7)	2·0 (1·3–2·8)	1·7 (1·1–2·5)	1·7 (1·1–2·5)	2·2 (1·4–3·4)	2·6 (1·6–4·1)	3·2 (2·0–5·0)
Pedal cycle vehicle	0·4 (0·2–0·8)	0·4 (0·2–0·7)	0·4 (0·2–0·7)	0·3 (0·2–0·6)	0·4 (0·2–0·8)	0·4 (0·2–0·8)	0·6 (0·3–1·2)
Motorized vehicle with two wheels	1·0 (0·7–1·3)	1·1 (0·8–1·5)	0·9 (0·7–1·3)	0·9 (0·6–1·1)	1·0 (0·7–1·3)	1·1 (0·7–1·6)	1·1 (0·7–1·6)
Motorized vehicle with three or more wheels	3·3 (2·3–4·7)	3·6 (2·6–5·4)	3·3 (2·3–5·2)	2·9 (2·0–4·3)	3·2 (2·2–4·8)	3·5 (2·5–5·0)	4·3 (2·9–6·1)
Road injury other	0·8 (0·2–1·9)	1·0 (0·3–2·2)	0·9 (0·3–2·3)	0·8 (0·2–2·2)	1·0 (0·2–3·5)	1·3 (0·3–4·0)	1·3 (0·2–4·2)
Other transport injury	0·4 (0·2–0·6)	0·5 (0·3–0·7)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·4 (0·3–0·6)	0·4 (0·3–0·6)
Unintentional injuries other than transport injuries	13·3 (9·6–20·3)	14·2 (10·6–20·8)	13·1 (9·6–19·4)	13·3 (9·9–19·7)	13·3 (9·6–19·0)	13·8 (10·5–19·4)	14·1 (10·8–18·1)
Falls	0·9 (0·5–1·5)	1·1 (0·7–1·7)	1·1 (0·7–1·6)	1·2 (0·7–1·7)	1·5 (0·9–2·3)	1·8 (1·2–2·6)	2·4 (1·4–3·4)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
Drowning	2·4 (1·7–3·8)	1·9 (1·3–2·9)	1·6 (1·1–2·4)	1·5 (1·0–2·3)	1·6 (1·1–2·3)	1·8 (1·2–2·8)	1·8 (1·2–2·6)
Fire, heat and hot substances	5·8 (2·6–13·0)	6·2 (3·0–12·6)	5·6 (2·4–11·2)	5·4 (2·6–11·8)	4·5 (1·7–9·6)	4·1 (1·9–8·8)	3·4 (1·6–7·1)
Poisonings	1·4 (0·8–2·2)	1·8 (1·1–2·6)	1·6 (1·1–2·4)	1·7 (1·0–2·5)	1·9 (1·0–2·8)	2·0 (1·1–3·1)	2·0 (1·1–2·9)
Exposure to mechanical forces	1·1 (0·6–2·3)	1·4 (0·9–2·6)	1·3 (0·9–2·3)	1·5 (1·0–2·5)	1·7 (1·1–3·5)	1·6 (0·9–2·5)	1·7 (0·9–2·6)
Mechanical forces (firearm)	0·7 (0·2–2·0)	0·9 (0·2–2·4)	0·7 (0·2–1·9)	0·8 (0·2–2·0)	0·9 (0·2–3·2)	0·7 (0·2–2·0)	0·7 (0·2–1·9)
Mechanical forces (other)	0·4 (0·1–0·8)	0·5 (0·2–0·9)	0·6 (0·2–1·1)	0·7 (0·3–1·3)	0·8 (0·3–1·7)	0·8 (0·4–1·4)	1·0 (0·4–1·6)
Adverse effects of medical treatment	0·2 (0·1–0·4)	0·3 (0·1–0·5)	0·4 (0·1–0·6)	0·4 (0·1–0·5)	0·4 (0·2–0·6)	0·5 (0·2–0·8)	0·6 (0·3–0·9)
Animal contact	0·5 (0·2–1·1)	0·5 (0·2–1·2)	0·5 (0·2–1·0)	0·4 (0·2–0·8)	0·5 (0·2–0·9)	0·5 (0·2–0·9)	0·5 (0·3–1·0)
Animal contact (venomous)	0·4 (0·1–1·0)	0·4 (0·1–1·1)	0·3 (0·1–0·8)	0·3 (0·1–0·7)	0·3 (0·1–0·8)	0·4 (0·1–0·8)	0·4 (0·1–0·9)
Animal contact (non-venomous)	0·1 (0·0–0·3)	0·1 (0·1–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·3)	0·1 (0·1–0·3)
Unintentional injuries not classified elsewhere	0·9 (0·6–1·5)	1·1 (0·7–1·6)	1·1 (0·7–1·7)	1·2 (0·8–1·8)	1·3 (0·9–1·9)	1·6 (1·0–2·4)	1·8 (1·2–2·6)
Self-harm and interpersonal violence	13·7 (8·5–21·5)	14·1 (9·2–21·0)	12·7 (8·3–18·5)	11·4 (7·9–15·8)	11·7 (7·9–16·3)	12·2 (7·9–17·9)	12·5 (8·8–18·1)
Self-harm	11·3 (6·1–19·0)	10·2 (5·3–16·9)	8·7 (4·3–14·3)	7·9 (4·4–12·1)	8·7 (5·1–13·3)	9·6 (5·4–15·3)	10·0 (6·3–15·3)
Interpersonal violence	2·5 (1·8–3·0)	3·9 (3·1–4·7)	3·9 (3·2–4·8)	3·5 (2·8–4·4)	3·0 (2·5–3·9)	2·6 (2·1–3·3)	2·4 (2·0–3·3)
Assault by firearm	0·8 (0·4–1·4)	1·1 (0·6–2·0)	1·2 (0·6–2·1)	1·1 (0·5–2·1)	1·0 (0·4–1·8)	0·9 (0·4–1·5)	0·8 (0·4–1·4)
Assault by sharp object	0·7 (0·4–1·0)	1·3 (0·7–2·1)	1·3 (0·7–2·2)	1·2 (0·7–1·9)	0·9 (0·5–1·5)	0·7 (0·4–1·2)	0·7 (0·4–1·1)
Assault by other means	1·0 (0·7–1·5)	1·5 (1·0–2·1)	1·5 (0·9–2·1)	1·2 (0·8–1·7)	1·2 (0·8–1·6)	1·0 (0·7–1·3)	1·0 (0·7–1·3)
Forces of nature, war, and legal intervention	2·0 (0·8–5·9)	2·3 (0·9–6·2)	2·5 (1·0–6·6)	2·3 (1·0–5·9)	2·2 (1·0–5·3)	2·2 (1·0–5·2)	2·5 (1·2–5·6)
Exposure to forces of nature	1·9 (0·7–5·6)	2·1 (0·8–5·9)	2·4 (0·9–6·3)	2·2 (0·9–5·5)	2·0 (0·9–4·9)	2·0 (0·9–4·8)	2·3 (1·1–5·2)
Collective violence and legal intervention	0·1 (0·1–0·3)	0·1 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·2 (0·1–0·5)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
All causes	498·7 (457·1–529·9)	743·9 (680·0–787·9)	1,148·1 (1,048·7–1,218·3)	1,812·3 (1,663·2–1,907·2)	2,865·7 (2,633·9–3,010·7)	4,456·7 (4,161·8–4,660·7)	10,740·8 (10,329·8–10,952·4)
Communicable, maternal, neonatal, and nutritional disorders	81·1 (69·6–93·1)	100·6 (84·0–119·7)	145·4 (122·0–170·5)	228·0 (192·5–269·5)	317·5 (267·6–373·2)	447·9 (381·1–515·4)	1,050·6 (896·9–1,171·3)
HIV/AIDS and tuberculosis	31·9 (24·8–40·6)	30·4 (21·4–42·4)	33·9 (24·2–48·3)	44·5 (31·0–62·2)	50·2 (35·1–72·2)	53·9 (36·8–78·7)	49·4 (33·5–72·4)
Tuberculosis	15·1 (10·9–20·1)	19·8 (14·2–27·4)	27·2 (20·1–36·1)	40·5 (28·5–58·3)	48·8 (33·6–70·6)	53·9 (36·8–78·7)	49·4 (33·5–72·4)
HIV/AIDS	16·8 (11·6–24·3)	10·6 (5·0–19·1)	6·7 (2·3–19·8)	4·0 (1·2–12·9)	1·4 (0·7–3·3)	–	–
HIV disease resulting in mycobacterial infection	2·7 (1·8–4·2)	1·8 (0·7–3·3)	1·1 (0·3–3·5)	0·6 (0·1–2·3)	0·2 (0·1–0·5)	–	–
HIV disease resulting in other specified or unspecified diseases	14·1 (9·8–20·1)	8·9 (4·4–15·8)	5·6 (2·0–16·4)	3·4 (1·1–10·7)	1·2 (0·6–2·8)	–	–
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	28·5 (23·0–33·9)	42·0 (33·0–52·6)	70·9 (56·4–90·2)	122·5 (94·3–154·9)	189·0 (149·9–233·3)	295·3 (239·8–351·4)	841·4 (697·1–952·3)
Diarrheal diseases	8·6 (6·2–12·2)	13·4 (8·8–21·5)	26·4 (17·1–40·5)	41·8 (27·0–70·7)	61·5 (39·8–99·6)	76·1 (49·7–119·7)	125·3 (88·0–184·3)
Cholera	0·2 (0·1–0·3)	0·3 (0·1–0·5)	0·4 (0·2–0·7)	0·4 (0·2–0·7)	0·3 (0·1–0·7)	0·4 (0·2–0·7)	0·4 (0·2–0·8)
Other salmonella infections	0·6 (0·4–0·9)	0·8 (0·4–1·4)	1·4 (0·8–2·2)	1·9 (1·1–3·5)	2·6 (1·4–5·0)	3·5 (2·0–6·0)	7·1 (4·5–11·2)
Shigellosis	0·8 (0·5–1·3)	1·3 (0·7–2·4)	2·6 (1·4–4·4)	4·1 (2·2–7·9)	6·2 (3·3–12·0)	7·7 (4·1–14·4)	12·3 (6·9–21·4)
Enteropathogenic E coli infection	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·4 (0·2–0·7)	0·7 (0·3–1·4)	1·2 (0·6–2·3)	1·8 (1·0–3·4)	4·2 (2·4–7·2)
Enterotoxigenic E coli infection	1·0 (0·6–1·7)	1·6 (0·8–3·0)	3·0 (1·6–5·1)	4·6 (2·5–8·9)	6·6 (3·5–12·1)	7·9 (4·3–14·3)	12·3 (7·4–20·5)
Campylobacter enteritis	0·4 (0·2–0·7)	0·7 (0·3–1·3)	1·3 (0·7–2·3)	2·0 (1·0–4·1)	3·3 (1·7–6·3)	4·9 (2·5–9·2)	10·3 (6·0–17·6)
Amoebiasis	0·5 (0·3–0·9)	0·9 (0·5–1·7)	1·7 (1·0–2·9)	2·8 (1·5–5·5)	4·2 (2·2–8·0)	5·3 (2·8–9·5)	8·3 (4·6–14·7)
Cryptosporidiosis	0·2 (0·1–0·3)	0·3 (0·1–0·5)	0·5 (0·3–0·9)	0·8 (0·4–1·5)	1·1 (0·6–2·1)	1·4 (0·7–2·5)	2·1 (1·2–3·8)
Rotaviral enteritis	0·8 (0·5–1·3)	1·3 (0·7–2·5)	2·8 (1·5–4·7)	4·7 (2·6–8·7)	6·9 (3·8–12·8)	8·0 (4·4–14·1)	11·8 (7·4–19·5)
Other diarrheal diseases	3·9 (2·2–6·4)	6·2 (3·2–11·6)	12·4 (6·2–22·5)	19·8 (10·3–38·7)	29·0 (14·4–54·9)	35·3 (17·7–67·0)	56·4 (30·6–96·5)
Typhoid and paratyphoid fevers	1·2 (0·1–2·3)	1·1 (0·1–2·0)	1·0 (0·1–1·8)	1·2 (0·1–2·2)	1·6 (0·2–3·0)	2·0 (0·2–3·7)	2·1 (0·3–3·9)
Lower respiratory infections	14·3 (10·4–18·0)	21·4 (15·0–27·1)	37·2 (26·1–48·1)	68·1 (48·3–84·0)	113·1 (83·0–139·0)	197·6 (153·4–232·9)	694·9 (554·7–796·5)
Influenza	3·4 (2·5–4·3)	5·0 (3·5–6·3)	8·3 (5·8–10·8)	14·6 (10·3–18·3)	23·4 (17·1–28·9)	39·3 (30·4–46·9)	127·0 (101·2–146·8)
Pneumococcal pneumonia	5·2 (3·8–6·5)	8·0 (5·5–9·9)	13·9 (9·8–17·9)	25·8 (18·2–31·8)	43·0 (31·5–52·4)	76·3 (59·3–89·0)	282·9 (225·6–322·1)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	Females, 50-54 Years	Females, 55-59 Years	Females, 60-64 Years	Females, 65-69 Years	Females, 70-74 Years	Females, 75-79 Years	Females, 80+ Years
H influenzae type B pneumonia	2·0 (1·5–2·6)	2·8 (2·0–3·5)	4·4 (3·1–5·8)	7·4 (5·3–9·2)	11·1 (8·0–13·6)	17·2 (13·3–20·4)	46·1 (36·8–53·8)
Respiratory syncytial virus pneumonia	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·4 (0·3–0·5)	0·7 (0·5–0·8)	1·1 (0·8–1·4)	2·0 (1·5–2·3)	6·9 (5·5–8·0)
Other lower respiratory infections	3·5 (2·5–4·5)	5·5 (3·8–7·3)	10·2 (7·1–13·5)	19·6 (13·8–25·0)	34·5 (25·2–43·3)	62·7 (49·1–76·0)	232·0 (184·7–271·1)
Upper respiratory infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·6 (0·4–0·7)
Otitis media	<0·05 (0·0–0·7)	<0·05 (0·0–0·5)	<0·05 (0·0–0·5)	<0·05 (0·0–0·4)	0·1 (0·0–0·6)	0·1 (0·0–0·7)	0·1 (0·0–0·9)
Meningitis	3·0 (2·0–4·2)	4·1 (2·5–6·5)	4·6 (3·2–6·7)	8·1 (4·8–12·6)	9·0 (6·2–13·8)	13·5 (7·2–26·2)	12·7 (7·9–22·9)
Pneumococcal meningitis	1·0 (0·7–1·5)	1·4 (0·8–2·3)	1·5 (1·0–2·2)	2·6 (1·5–4·2)	2·7 (1·7–4·1)	3·7 (1·9–7·5)	2·7 (1·6–5·3)
H influenzae type B meningitis	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·4 (0·2–0·6)	0·7 (0·4–1·2)	0·9 (0·6–1·4)	1·5 (0·8–3·2)	1·5 (0·8–3·1)
Meningococcal infection	0·6 (0·4–0·8)	0·8 (0·5–1·1)	0·8 (0·6–1·2)	1·4 (0·8–2·0)	1·4 (1·0–2·0)	1·8 (1·0–3·3)	1·4 (0·9–2·3)
Other meningitis	1·2 (0·8–1·6)	1·7 (1·0–2·7)	1·9 (1·3–2·8)	3·5 (2·1–5·3)	4·1 (2·8–6·2)	6·5 (3·6–12·7)	7·1 (4·6–12·1)
Encephalitis	1·0 (0·5–1·8)	1·4 (0·6–3·1)	1·3 (0·6–2·7)	2·8 (1·3–5·4)	2·8 (1·3–5·6)	4·9 (2·0–11·9)	4·0 (2·0–9·3)
Diphtheria	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	–	–	–	–	–
Whooping cough	<0·05 (0·0–0·2)	0·1 (0·0–0·5)	–	–	–	–	–
Tetanus	0·2 (0·0–1·1)	0·4 (0·0–1·7)	0·3 (0·0–1·3)	0·4 (0·0–2·0)	0·6 (0·0–2·8)	0·7 (0·0–3·1)	0·6 (0·0–2·7)
Measles	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	–	–	–	–	–
Varicella	<0·05 (0·0–0·5)	<0·05 (0·0–0·4)	0·1 (0·0–0·4)	0·1 (0·0–0·6)	0·1 (0·0–0·9)	0·3 (0·0–2·1)	1·2 (0·0–7·9)
Neglected tropical diseases and malaria	8·4 (5·2–14·2)	10·5 (6·4–17·8)	14·9 (9·2–24·2)	21·0 (12·4–36·0)	25·0 (15·1–41·5)	26·0 (15·1–45·5)	33·1 (18·2–58·2)
Malaria	6·8 (3·8–12·7)	8·3 (4·6–15·5)	12·2 (6·7–20·7)	17·8 (9·3–32·4)	20·7 (11·3–36·9)	20·7 (11·0–38·8)	26·0 (12·2–50·7)
Chagas disease	0·1 (0·0–0·3)	0·2 (0·1–0·6)	0·3 (0·1–0·8)	0·4 (0·1–1·4)	0·6 (0·2–1·3)	0·7 (0·2–1·8)	1·2 (0·5–2·8)
Leishmaniasis	0·3 (0·2–0·5)	0·3 (0·2–0·6)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·5 (0·3–0·7)	0·5 (0·3–0·8)	0·5 (0·3–0·8)
African trypanosomiasis	0·1 (0·0–0·3)	0·1 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Schistosomiasis	0·3 (0·0–1·9)	0·5 (0·0–2·8)	0·6 (0·0–3·6)	0·8 (0·0–4·7)	1·0 (0·0–6·1)	1·4 (0·0–8·2)	1·2 (0·0–7·2)
Cysticercosis	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·2)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Echinococcosis	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	0·1 (0·0–0·3)	0·1 (0·0–0·4)	0·1 (0·0–0·5)	0·2 (0·0–0·8)
Dengue	0·1 (0·0–0·3)	0·2 (0·0–0·4)	0·3 (0·1–0·7)	0·3 (0·1–0·6)	0·3 (0·1–0·7)	0·4 (0·2–0·8)	1·1 (0·3–2·3)
Rabies	0·3 (0·1–0·7)	0·4 (0·1–1·1)	0·6 (0·2–1·4)	0·5 (0·2–1·2)	0·6 (0·2–1·5)	0·5 (0·1–1·0)	0·3 (0·1–0·7)
Intestinal nematode infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Ascariasis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Other neglected tropical diseases	0·3 (0·1–0·4)	0·3 (0·2–0·6)	0·5 (0·2–0·9)	0·6 (0·3–1·1)	1·2 (0·5–2·3)	1·6 (0·6–3·8)	2·3 (0·9–6·9)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	4·8 (3·0–7·5)	7·1 (4·3–11·4)	11·1 (6·9–18·1)	18·0 (11·0–27·6)	28·2 (17·5–46·1)	41·1 (25·2–64·9)	93·1 (56·6–132·3)
Protein-energy malnutrition	4·2 (2·6–6·9)	6·1 (3·7–10·6)	9·6 (5·5–16·1)	15·6 (9·4–24·6)	24·5 (14·3–42·4)	35·2 (20·7–59·2)	73·5 (41·4–105·5)
Iodine deficiency	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·2 (0·1–0·2)	0·8 (0·4–1·0)
Iron-deficiency anemia	0·6 (0·3–0·8)	0·8 (0·5–1·1)	1·3 (0·7–1·8)	2·1 (1·3–2·9)	3·1 (1·9–4·4)	4·6 (2·8–6·3)	14·1 (7·7–17·5)
Other nutritional deficiencies	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·6 (0·3–0·8)	1·0 (0·6–1·4)	4·6 (2·4–5·9)

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Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Other communicable, maternal, neonatal, and nutritional disorders	7·4 (5·1–11·3)	10·7 (7·2–17·3)	14·5 (10·2–20·8)	22·0 (15·0–34·0)	25·1 (16·8–38·3)	31·6 (21·6–46·1)	33·6 (23·0–46·2)
Sexually transmitted diseases excluding HIV	0·2 (0·2–0·3)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·5 (0·3–0·8)	0·7 (0·5–1·0)	1·1 (0·8–1·5)
Syphilis	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)
Sexually transmitted chlamydial diseases	<0·05 (0·1–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)
Gonococcal infection	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·2 (0·1–0·2)
Other sexually transmitted diseases	0·1 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·5 (0·3–0·7)
Hepatitis	5·0 (3·0–8·7)	7·4 (4·3–14·1)	9·0 (5·5–15·0)	12·2 (7·2–22·4)	14·0 (8·3–25·2)	13·6 (8·5–22·3)	10·0 (6·8–16·3)
Acute hepatitis A	1·9 (0·7–6·0)	3·0 (1·0–8·5)	3·4 (1·2–9·0)	5·2 (1·5–15·0)	5·3 (1·9–14·7)	5·3 (1·9–15·5)	3·8 (1·2–11·2)
Acute hepatitis B	2·5 (1·3–4·6)	3·7 (1·8–7·4)	4·6 (2·3–8·5)	6·0 (3·1–11·4)	7·4 (3·4–15·8)	7·0 (3·8–12·5)	5·2 (2·5–8·7)
Acute hepatitis C	0·4 (0·2–0·8)	0·6 (0·3–1·2)	0·8 (0·4–1·6)	1·0 (0·5–2·2)	1·3 (0·6–2·4)	1·2 (0·6–2·4)	1·0 (0·5–1·5)
Acute hepatitis E	0·2 (0·0–0·5)	0·2 (0·0–0·5)	0·1 (0·0–0·4)	0·1 (0·0–0·4)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·2)
Other infectious diseases	2·2 (1·2–3·9)	3·1 (1·7–5·3)	5·3 (3·0–8·9)	9·4 (5·0–16·2)	10·6 (5·3–18·4)	17·2 (8·8–29·7)	22·6 (12·5–34·1)
Non-communicable diseases	371·8 (335·9–397·2)	591·0 (534·4–628·9)	939·1 (847·7–997·3)	1,502·7 (1,364·1–1,594·1)	2,440·9 (2,229·8–2,571·9)	3,856·2 (3,574·8–4,031·7)	9,339·1 (8,938·1–9,579·1)
Neoplasms	147·4 (133·1–159·6)	216·7 (196·6–233·5)	301·7 (272·4–325·2)	407·0 (366·6–446·0)	544·7 (487·6–589·5)	705·0 (627·3–764·6)	1,112·2 (970·1–1,203·5)
Esophageal cancer	4·6 (2·8–7·2)	7·5 (4·4–11·8)	12·2 (7·0–18·7)	16·9 (10·5–26·2)	21·1 (13·0–32·0)	26·0 (15·3–39·3)	32·9 (20·9–46·9)
Stomach cancer	9·7 (5·6–15·2)	15·1 (8·9–23·4)	22·2 (12·4–34·4)	33·9 (20·4–56·7)	49·2 (29·2–82·0)	67·2 (39·9–106·0)	107·2 (65·2–174·6)
Liver cancer	9·4 (6·4–12·3)	15·5 (10·8–20·1)	21·8 (14·8–27·3)	30·4 (21·2–38·7)	40·6 (27·1–49·5)	53·6 (37·2–66·5)	67·2 (43·8–80·1)
Liver cancer secondary to hepatitis B	3·6 (2·4–5·0)	6·0 (4·1–8·1)	8·4 (5·7–11·1)	11·6 (7·9–15·1)	14·9 (9·6–19·2)	19·0 (12·8–24·5)	20·9 (13·5–25·8)
Liver cancer secondary to hepatitis C	2·4 (1·6–3·0)	4·6 (3·2–5·9)	7·5 (5·2–9·2)	11·4 (8·1–14·1)	15·4 (10·4–18·5)	20·7 (14·1–25·0)	27·8 (18·5–33·2)
Liver cancer secondary to alcohol use	2·0 (1·4–2·7)	3·1 (2·2–4·1)	4·2 (2·9–5·3)	5·7 (4·1–7·2)	8·0 (5·4–9·8)	11·0 (7·5–13·8)	15·3 (10·3–18·1)
Other liver cancer	1·4 (1·0–1·9)	1·7 (1·2–2·2)	1·7 (1·2–2·2)	1·8 (1·2–2·2)	2·3 (1·5–2·8)	2·8 (1·9–3·5)	3·3 (2·2–3·9)
Larynx cancer	0·6 (0·3–1·0)	1·0 (0·5–1·6)	1·5 (0·7–2·4)	1·7 (0·9–2·6)	2·6 (1·3–3·9)	2·5 (1·3–3·7)	3·3 (1·8–4·7)
Trachea, bronchus and lung cancers	17·3 (9·8–22·8)	29·1 (17·5–38·4)	44·5 (25·0–59·2)	65·2 (36·6–81·1)	87·4 (46·5–108·8)	113·9 (56·1–139·6)	146·0 (72·6–180·2)

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Breast cancer	27·9 (26·2–30·1)	36·2 (33·9–38·8)	40·8 (38·5–43·7)	45·5 (42·4–48·6)	53·6 (50·2–57·4)	63·8 (59·7–68·9)	112·4 (102·5–122·2)
Cervical cancer	15·9 (9·3–21·9)	18·9 (11·5–26·7)	22·8 (13·3–31·9)	25·2 (15·2–36·8)	28·7 (18·7–42·7)	27·5 (17·7–42·1)	32·9 (21·9–50·7)
Uterine cancer	2·2 (1·0–3·3)	4·0 (1·8–5·6)	5·8 (2·7–8·8)	8·2 (3·9–12·5)	10·7 (4·9–16·7)	12·9 (5·9–19·7)	19·8 (9·1–31·4)
Prostate cancer	–	–	–	–	–	–	–
Colon and rectum cancers	10·4 (8·0–13·3)	16·4 (12·8–20·6)	25·0 (19·8–33·4)	36·7 (28·9–46·3)	58·0 (43·9–74·6)	84·7 (62·8–105·7)	167·1 (125·4–212·4)
Mouth cancer	2·2 (1·4–3·2)	2·8 (2·0–4·0)	4·3 (2·9–5·9)	5·7 (4·0–7·8)	6·7 (4·6–8·8)	7·8 (5·2–10·1)	14·1 (9·0–17·9)
Nasopharynx cancer	1·1 (0·6–1·9)	1·5 (0·8–2·4)	1·8 (0·9–3·4)	2·1 (1·0–3·5)	2·3 (1·2–3·9)	2·4 (1·2–4·1)	2·7 (1·4–4·5)
Cancer of other part of pharynx and oropharynx	1·9 (0·8–3·6)	2·1 (0·9–3·6)	2·6 (1·2–4·3)	3·1 (1·5–5·0)	3·3 (1·8–5·5)	3·5 (1·8–5·6)	4·1 (2·2–6·2)
Gallbladder and biliary tract cancer	2·9 (1·2–4·4)	4·9 (2·3–7·6)	7·6 (3·7–12·0)	11·4 (5·7–18·6)	15·9 (8·0–25·7)	21·6 (10·7–34·7)	37·0 (19·3–61·3)
Pancreatic cancer	3·8 (2·2–5·9)	7·4 (4·3–11·7)	12·1 (7·2–18·4)	18·3 (10·8–28·4)	27·7 (16·4–43·2)	38·6 (22·1–57·9)	64·0 (37·2–102·8)
Malignant melanoma of skin	0·8 (0·4–1·3)	1·1 (0·6–1·7)	1·6 (0·8–2·5)	2·1 (1·0–3·1)	3·0 (1·5–4·7)	4·2 (2·1–6·4)	8·6 (4·3–14·0)
Non-melanoma skin cancer	0·3 (0·1–0·5)	0·4 (0·2–0·7)	0·6 (0·2–1·1)	0·9 (0·4–1·6)	1·5 (0·6–2·7)	2·7 (1·2–5·2)	10·4 (4·4–18·9)
Ovarian cancer	10·1 (7·2–13·5)	13·0 (9·3–17·5)	16·9 (11·8–21·9)	20·0 (14·1–26·7)	22·7 (15·2–29·4)	25·4 (16·6–32·5)	34·4 (23·8–45·2)
Testicular cancer	–	–	–	–	–	–	–
Kidney and other urinary organ cancers	2·1 (1·1–3·5)	3·6 (1·9–6·2)	5·4 (2·9–9·0)	7·7 (4·0–12·7)	10·7 (5·3–18·1)	14·0 (7·3–23·0)	22·9 (12·1–37·2)
Bladder cancer	0·9 (0·7–1·1)	1·5 (1·2–1·7)	2·7 (2·1–3·2)	4·3 (3·7–5·0)	7·5 (6·1–8·7)	12·0 (9·8–13·6)	28·6 (22·3–32·6)
Brain and nervous system cancers	4·2 (2·0–6·8)	5·9 (2·7–8·7)	8·1 (3·6–12·5)	9·7 (4·4–14·1)	11·6 (4·9–18·0)	13·7 (5·6–20·8)	17·6 (6·1–27·2)
Thyroid cancer	0·7 (0·4–1·0)	1·2 (0·7–1·7)	1·9 (1·1–2·7)	3·0 (1·8–4·0)	4·4 (2·7–5·9)	5·7 (3·2–7·8)	7·9 (4·7–10·6)
Hodgkin's disease	0·3 (0·1–0·5)	0·3 (0·2–0·6)	0·5 (0·2–0·8)	0·7 (0·3–1·2)	0·9 (0·5–1·5)	1·1 (0·6–1·9)	1·5 (0·7–2·6)
Non-Hodgkin's lymphoma	2·7 (1·7–3·2)	4·2 (2·7–5·0)	6·7 (4·2–7·9)	9·8 (6·4–11·7)	13·4 (8·3–15·9)	18·3 (11·3–21·7)	31·4 (19·5–38·6)
Multiple myeloma	1·0 (0·5–1·5)	1·8 (1·0–2·8)	3·0 (1·6–5·0)	4·5 (2·3–7·5)	6·4 (3·4–10·4)	8·6 (4·3–13·3)	14·3 (7·4–22·9)
Leukemia	3·7 (2·2–5·2)	5·5 (3·1–7·5)	7·4 (4·2–9·9)	10·1 (5·8–13·6)	13·8 (7·5–18·5)	19·0 (10·3–24·4)	34·3 (18·5–45·2)
Other neoplasms	10·5 (5·9–15·4)	15·7 (8·7–22·6)	21·9 (12·5–30·7)	29·9 (17·1–43·0)	41·0 (23·3–56·9)	54·2 (29·9–73·4)	89·6 (52·6–126·8)

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Cardiovascular and circulatory diseases	118·5 (89·7–139·2)	200·8 (155·2–230·8)	348·5 (268·6–389·6)	619·9 (497·9–705·0)	1,162·1 (964·3–1,291·9)	2,028·6 (1,746·1–2,212·0)	5,595·2 (5,109·9–6,088·1)
Rheumatic heart disease	5·8 (4·4–7·7)	8·5 (6·5–11·3)	12·0 (9·6–14·6)	17·2 (14·2–20·7)	25·6 (21·2–30·9)	36·4 (31·6–41·9)	87·3 (78·7–96·5)
Ischemic heart disease	46·3 (38·2–54·2)	81·4 (64·7–93·5)	145·4 (121·9–167·2)	257·6 (225·1–290·9)	499·6 (442·9–551·7)	848·8 (766·6–928·4)	2,519·9 (2,371·4–2,803·8)
Cerebrovascular disease	46·0 (36·4–54·3)	77·6 (61·6–90·5)	136·4 (108·0–159·0)	250·2 (200·4–294·7)	476·5 (387·7–551·1)	862·4 (714·3–978·1)	2,140·0 (1,875·6–2,500·5)
Ischemic stroke	7·9 9·3)	16·3 (14·2–19·5)	40·3 (35·3–48·3)	84·4 (76·3–97·7)	216·6 (195·3–244·7)	449·4 (404·6–509·5)	1,472·3 (6·9–(1,362·7–1,618·5)
Hemorrhagic and other non-ischemic stroke	38·1 (30·6–45·6)	61·3 (49·2–73·7)	96·1 (76·2–115·1)	165·7 (132·1–200·0)	259·9 (212·6–303·3)	413·0 (334·0–492·6)	667·7 (559·8–765·5)
Hypertensive heart disease	8·6 (5·5–12·7)	13·9 (9·3–20·1)	24·8 (16·2–35·3)	45·0 (29·8–66·3)	74·9 (51·4–109·4)	126·3 (84·5–176·7)	328·9 (224·9–473·3)
Cardiomyopathy and myocarditis	4·1 (3·3–5·0)	6·0 (5·1–7·3)	8·8 (7·5–10·8)	13·4 (11·4–15·9)	20·0 (17·1–23·7)	32·3 (28·1–37·7)	86·9 (75·9–97·4)
Atrial fibrillation and flutter	0·2 (0·2–0·4)	0·5 (0·3–0·8)	1·2 (0·8–1·9)	2·5 (1·8–3·9)	6·0 (4·2–9·2)	14·5 (10·8–20·9)	80·9 (62·1–109·0)
Aortic aneurysm	1·0 (0·6–1·9)	1·7 (1·1–2·7)	3·3 (2·0–5·6)	6·4 (4·0–10·2)	12·3 (7·4–20·8)	21·0 (13·4–33·4)	52·5 (34·9–80·3)
Peripheral vascular disease	0·2 (0·1–0·4)	0·4 (0·2–0·7)	0·7 (0·4–1·3)	1·3 (0·9–2·5)	3·0 (1·7–5·8)	6·1 (3·5–11·0)	32·7 (20·2–51·3)
Endocarditis	0·5 (0·3–0·7)	0·7 (0·4–0·9)	1·1 (0·7–1·4)	1·6 (1·1–2·1)	2·4 (1·7–3·2)	3·9 (2·7–5·0)	10·1 (7·0–13·3)
Other cardiovascular and circulatory diseases	5·8 (5·1–6·8)	10·1 (8·8–11·6)	14·8 (13·4–16·2)	24·8 (22·7–27·2)	41·7 (38·2–45·7)	76·9 (71·2–83·0)	256·0 (241·1–272·2)
Chronic respiratory diseases	22·6 (18·9–27·7)	47·4 (39·4–57·6)	92·6 (80·1–109·3)	173·5 (151·3–199·2)	287·9 (252·6–329·3)	447·4 (398·9–498·8)	956·5 (882·1–1,049·4)
Chronic obstructive pulmonary disease	15·3 (11·6–20·2)	34·9 (27·1–45·8)	71·6 (58·6–86·4)	138·4 (116·6–164·4)	234·1 (198·4–276·8)	366·0 (320·5–419·4)	774·3 (706·4–848·5)
Pneumoconiosis	0·5 (0·2–0·8)	0·9 (0·4–1·9)	1·8 (0·9–4·0)	3·3 (1·5–6·9)	6·0 (2·7–13·8)	9·4 (4·7–17·5)	28·7 (14·5–65·2)
Asthma	4·0 (3·0–6·8)	6·7 (4·9–11·5)	10·7 (7·9–17·5)	17·4 (13·4–27·5)	25·4 (18·7–39·1)	34·9 (26·7–52·9)	55·2 (44·6–81·2)
Other interstitial lung disease	0·7 (0·4–1·2)	1·3 (0·7–2·1)	2·3 (1·2–3·7)	4·3 (2·1–7·1)	7·0 (3·5–10·9)	11·5 (5·7–17·4)	25·8 (11·6–41·3)
Other chronic respiratory diseases	2·2 (1·5–3·6)	3·5 (2·3–6·0)	6·3 (4·1–10·5)	10·1 (6·5–16·4)	15·5 (10·5–23·8)	25·6 (18·6–37·6)	72·6 (52·0–102·5)
Cirrhosis of the liver	16·1 (12·6–19·6)	23·2 (17·8–28·9)	31·4 (24·8–38·6)	39·6 (31·8–48·7)	50·2 (37·6–60·9)	57·8 (45·7–71·5)	80·1 (67·7–103·8)
Cirrhosis of the liver secondary to hepatitis B	4·9 (4·1–6·2)	7·6 (6·1–9·7)	10·9 (9·1–13·8)	14·2 (11·8–17·7)	17·7 (14·1–22·1)	19·3 (15·8–24·2)	21·9 (18·9–29·3)
Cirrhosis of the liver secondary to hepatitis C	5·6 (4·6–6·6)	8·8 (6·8–10·6)	12·8 (10·4–15·2)	16·7 (13·5–19·5)	21·2 (16·5–25·2)	25·0 (19·8–29·5)	37·2 (31·7–45·1)
Cirrhosis of the liver secondary to alcohol use	2·6 (2·0–3·0)	3·4 (2·6–4·1)	4·1 (3·4–5·0)	5·0 (4·0–5·9)	6·7 (5·1–8·0)	8·1 (6·7–9·6)	13·7 (11·8–16·7)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Other cirrhosis of the liver	3·0 (2·5–3·5)	3·4 (2·7–4·2)	3·5 (2·9–4·2)	3·6 (3·0–4·3)	4·6 (3·6–5·6)	5·3 (4·3–6·4)	7·3 (6·1–9·0)
Digestive diseases (except cirrhosis)	12·4 (10·3–15·5)	17·1 (14·6–20·5)	29·6 (25·5–34·7)	44·1 (38·7–51·3)	70·9 (62·3–81·2)	117·3 (104·7–131·7)	305·7 (283·0–332·7)
Peptic ulcer disease	3·3 (2·1–5·3)	3·6 (2·5–5·6)	6·5 (4·4–9·9)	9·3 (6·4–14·1)	14·2 (9·9–21·3)	22·6 (16·4–33·1)	49·5 (38·8–66·7)
Gastritis and duodenitis	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·6)	0·5 (0·3–0·8)	0·8 (0·5–1·3)	1·4 (0·8–2·1)	4·1 (2·7–6·7)
Appendicitis	0·4 (0·2–0·6)	0·5 (0·2–0·8)	1·0 (0·4–1·5)	1·3 (0·5–2·0)	1·9 (0·7–3·0)	2·7 (1·0–4·0)	5·2 (2·3–6·9)
Paralytic ileus and intestinal obstruction without hernia	1·6 (0·9–2·3)	2·1 (1·3–3·3)	3·7 (2·2–5·3)	5·3 (3·3–7·6)	8·8 (5·5–13·2)	15·3 (9·8–22·0)	43·3 (25·7–59·3)
Inguinal or femoral hernia	0·1 (0·1–0·1)	0·2 (0·2–0·2)	0·4 (0·3–0·4)	0·6 (0·6–0·6)	1·1 (1·1–1·1)	2·0 (2·0–2·1)	5·9 (5·6–6·2)
Noninfective inflammatory bowel disease	0·3 (0·2–0·5)	0·5 (0·3–0·7)	0·7 (0·5–1·0)	1·0 (0·7–1·5)	1·8 (1·2–2·4)	3·0 (2·0–4·2)	10·1 (6·4–13·4)
Vascular disorders of intestine	0·3 (0·2–0·8)	0·6 (0·4–1·3)	1·3 (0·8–2·7)	2·6 (1·4–4·8)	5·1 (2·7–8·9)	10·3 (5·2–18·2)	33·7 (16·2–60·5)
Gall bladder and bile duct disease	1·0 (0·6–1·3)	1·5 (1·1–2·1)	2·4 (1·6–3·2)	3·9 (2·7–5·6)	6·2 (4·6–8·7)	11·0 (7·5–15·9)	34·1 (22·5–46·9)
Pancreatitis	0·9 (0·6–1·3)	1·2 (0·8–1·7)	1·9 (1·3–2·6)	2·6 (1·8–3·6)	4·2 (2·7–5·7)	6·5 (4·3–8·5)	13·5 (8·9–17·8)
Other digestive diseases	4·3 (2·7–7·3)	6·6 (4·3–11·2)	11·5 (7·2–18·6)	17·0 (11·3–26·5)	26·8 (17·5–43·1)	42·5 (28·2–64·6)	106·4 (72·9–160·4)
Neurological disorders	11·8 (6·5–21·6)	16·9 (9·6–29·7)	26·2 (14·7–49·8)	42·7 (25·2–75·7)	70·8 (44·7–122·5)	130·7 (89·6–190·0)	513·8 (296·3–665·1)
Alzheimer's disease and other dementias	0·6 (0·4–1·0)	1·3 (0·9–2·1)	3·1 (2·0–5·2)	7·0 (4·5–11·1)	18·1 (11·4–27·0)	55·0 (32·1–73·5)	383·8 (173·1–518·3)
Parkinson's disease	0·2 (0·1–0·3)	0·5 (0·3–0·8)	1·2 (0·8–1·8)	2·9 (1·9–4·3)	6·9 (4·5–9·9)	15·3 (9·5–21·5)	46·1 (26·6–60·4)
Epilepsy	1·8 (1·0–2·4)	2·0 (1·1–2·8)	2·3 (1·3–3·2)	3·9 (2·1–5·5)	4·4 (2·4–6·1)	6·6 (3·3–9·5)	13·6 (6·6–21·0)
Multiple sclerosis	0·7 (0·5–1·1)	0·8 (0·5–1·2)	1·0 (0·6–1·5)	1·1 (0·7–1·6)	1·2 (0·7–1·6)	1·3 (0·7–1·8)	1·4 (0·7–2·1)
Other neurological disorders	8·5 (3·4–18·1)	12·2 (5·4–24·6)	18·7 (7·6–42·3)	27·8 (11·4–60·3)	40·3 (16·6–92·1)	52·5 (22·8–105·9)	68·8 (30·3–144·2)
Mental and behavioral disorders	3·3 (2·1–5·5)	3·7 (2·3–5·9)	3·7 (2·4–5·9)	4·0 (2·8–6·4)	4·9 (3·7–8·0)	6·3 (4·8–9·4)	15·7 (10·8–24·5)
Schizophrenia	0·4 (0·2–0·6)	0·5 (0·3–0·8)	0·6 (0·3–0·9)	0·7 (0·5–1·1)	0·9 (0·6–1·4)	1·3 (0·9–2·1)	2·4 (1·5–3·5)
Alcohol use disorders	1·8 (0·7–3·7)	2·0 (0·8–4·3)	1·9 (0·8–4·0)	1·8 (0·8–3·8)	1·7 (0·8–3·9)	1·5 (0·7–3·6)	1·8 (0·7–4·4)
Drug use disorders	1·0 (0·4–1·8)	0·9 (0·4–1·6)	0·8 (0·4–1·4)	0·9 (0·5–1·6)	1·4 (0·8–2·8)	1·5 (0·9–3·3)	3·2 (1·7–6·5)
Opioid use disorders	0·5 (0·2–1·0)	0·5 (0·2–0·9)	0·4 (0·2–0·7)	0·5 (0·3–0·9)	0·7 (0·4–1·3)	0·8 (0·5–1·7)	1·7 (0·9–3·5)

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Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Cocaine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·4 (0·2–0·7)	0·4 (0·2–0·7)	0·4 (0·2–0·7)	0·4 (0·2–0·8)	0·7 (0·4–1·4)	0·7 (0·4–1·5)	1·4 (0·8–3·0)
Eating disorders	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·4)	0·5 (0·2–0·9)	2·7 (1·3–5·5)
Other mental and behavioral disorders	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·4)	0·4 (0·2–0·7)	0·7 (0·3–1·1)	1·4 (0·7–2·5)	5·6 (2·7–11·2)
Diabetes, urogenital, blood, and endocrine diseases	34·4 (28·7–38·8)	57·2 (48·0–63·5)	93·9 (80·7–104·9)	155·0 (129·7–171·6)	222·1 (185·3–246·1)	318·6 (266·0–355·6)	653·7 (547·4–742·1)
Diabetes mellitus	17·3 (13·0–19·6)	31·1 (23·9–35·2)	53·7 (42·8–60·0)	93·0 (70·3–104·9)	134·7 (99·7–149·4)	184·1 (139·0–203·4)	297·2 (229·3–327·3)
Acute glomerulonephritis	0·7 (0·3–1·9)	0·9 (0·4–2·8)	1·3 (0·5–3·3)	2·0 (0·8–5·3)	2·2 (0·9–5·4)	2·7 (1·1–7·1)	3·3 (1·2–9·5)
Chronic kidney diseases	9·8 (6·6–12·1)	15·7 (10·3–19·6)	24·0 (15·9–29·1)	36·3 (24·4–44·8)	48·5 (31·4–58·8)	71·1 (46·7–84·4)	176·1 (117·4–215·5)
Chronic kidney disease due to diabetes mellitus	3·0 (1·9–3·8)	5·4 (3·5–6·9)	9·4 (6·1–11·9)	12·7 (8·5–16·3)	14·5 (9·3–18·0)	17·9 (11·8–22·0)	39·1 (25·4–50·2)
Chronic kidney disease due to hypertension	2·1 (1·4–2·6)	3·3 (2·1–4·1)	4·7 (3·2–5·9)	7·8 (5·2–9·6)	11·2 (7·3–13·6)	17·5 (11·4–21·0)	45·0 (30·1–55·2)
Chronic kidney disease unspecified	4·7 (3·2–6·0)	7·0 (4·6–8·9)	9·8 (6·6–12·2)	15·8 (10·4–20·1)	22·8 (14·5–28·0)	35·7 (23·4–42·7)	92·0 (60·8–112·4)
Urinary diseases and male infertility	2·5 (1·8–3·5)	3·7 (2·5–4·8)	6·1 (4·5–8·4)	10·7 (7·3–14·3)	18·0 (12·5–24·6)	30·7 (21·6–41·0)	98·0 (66·7–133·1)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	1·4 (0·8–2·2)	2·1 (1·3–3·0)	3·4 (2·1–4·9)	6·0 (3·5–8·3)	10·7 (6·4–15·5)	19·1 (11·0–26·5)	70·8 (36·3–98·9)
Urolithiasis	0·2 (0·1–0·3)	0·3 (0·1–0·6)	0·5 (0·2–1·0)	0·9 (0·4–1·8)	1·3 (0·6–2·3)	2·1 (0·9–4·0)	4·5 (1·9–8·7)
Other urinary diseases	0·9 (0·6–1·3)	1·3 (0·8–1·8)	2·2 (1·5–3·2)	3·9 (2·5–5·6)	6·0 (3·9–8·7)	9·4 (6·2–14·0)	22·7 (15·0–32·9)
Gynecological diseases	0·3 (0·3–0·3)	0·3 (0·3–0·3)	0·3 (0·3–0·3)	0·5 (0·4–0·5)	0·6 (0·6–0·6)	1·0 (0·9–1·0)	2·2 (2·1–2·4)
Uterine fibroids	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·0)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·2 (0·2–0·2)
Endometriosis	<0·05 (0·0–0·05)	–	–	–	–	–	–
Genital prolapse	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·3 (0·2–0·3)
Other gynecological diseases	0·2 (0·2–0·2)	0·2 (0·2–0·3)	0·3 (0·2–0·3)	0·4 (0·3–0·4)	0·5 (0·5–0·5)	0·8 (0·7–0·8)	1·8 (1·6–2·0)
Hemoglobinopathies and hemolytic anemias	0·8 (0·6–1·4)	1·3 (0·8–2·3)	1·9 (1·3–3·3)	3·0 (1·9–5·5)	4·8 (3·0–8·2)	8·1 (5·0–14·1)	17·3 (10·9–28·8)
Thalassemias	0·2 (0·2–0·3)	0·2 (0·2–0·3)	0·2 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·0–0·1)	<0·05 (0·0–0·05)

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Sickle cell disorders	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·2–0·3)	0·3 (0·2–0·4)	0·2 (0·2–0·3)	0·2 (0·2–0·2)	0·1 (0·1–0·2)
G6PD deficiency	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·1–0·1)	0·2 (0·1–0·2)	0·3 (0·2–0·4)	0·7 (0·5–0·8)
Other hemoglobinopathies and hemolytic anemias	0·4 (0·2–0·9)	0·8 (0·4–1·5)	1·5 (0·7–2·5)	2·6 (1·3–4·5)	4·4 (2·4–7·4)	7·6 (4·2–13·5)	16·5 (10·6–27·5)
Other endocrine, nutritional, blood, and immune disorders	2·9 (1·5–5·4)	4·2 (2·0–7·3)	6·5 (3·2–12·1)	9·6 (4·8–18·7)	13·2 (6·8–24·3)	20·9 (11·3–40·6)	59·5 (31·1–121·8)
Musculoskeletal disorders	2·8 (1·6–4·4)	4·2 (2·4–6·9)	5·5 (3·3–9·4)	7·8 (4·5–12·0)	11·9 (6·9–19·5)	21·4 (12·2–33·6)	46·9 (26·9–73·6)
Rheumatoid arthritis	0·9 (0·6–1·5)	1·6 (1·0–2·7)	2·1 (1·4–3·3)	3·3 (2·2–5·3)	5·0 (3·3–8·3)	9·0 (5·7–15·0)	13·3 (9·0–21·3)
Other musculoskeletal disorders	1·9 (1·4–2·8)	2·6 (1·9–3·7)	3·4 (2·6–4·6)	4·5 (3·4–5·9)	6·9 (5·0–9·1)	12·3 (8·5–16·0)	33·5 (20·4–42·6)
Other non-communicable diseases	2·6 (1·9–3·5)	3·9 (2·8–5·4)	6·1 (4·1–8·2)	9·0 (6·1–12·2)	15·4 (10·7–19·7)	23·1 (16·4–30·7)	59·5 (42·2–72·0)
Congenital anomalies	1·5 (1·0–2·2)	2·4 (1·5–3·7)	3·8 (2·1–5·7)	5·5 (3·1–8·3)	9·0 (4·9–12·8)	12·6 (6·7–18·9)	29·0 (15·7–39·1)
Neural tube defects	0·1 (0·0–0·3)	0·2 (0·0–0·5)	0·2 (0·1–0·6)	0·3 (0·1–0·8)	0·7 (0·2–1·4)	0·8 (0·2–2·0)	0·8 (0·3–1·9)
Congenital heart anomalies	0·5 (0·4–0·8)	0·8 (0·6–1·3)	1·5 (0·9–2·3)	2·5 (1·5–4·1)	4·6 (2·6–7·3)	7·0 (3·9–11·3)	20·2 (13·8–30·2)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	0·2 (0·1–0·4)	0·4 (0·2–0·6)	0·4 (0·2–0·8)	0·3 (0·1–0·7)	0·1 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·2)
Other chromosomal abnormalities	<0·05 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·3 (0·0–2·2)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·4 (0·1–0·9)
Other congenital anomalies	0·6 (0·3–1·1)	1·0 (0·6–2·0)	1·6 (0·9–3·0)	2·0 (1·1–3·7)	3·5 (2·0–6·5)	4·5 (2·5–8·9)	7·6 (4·0–14·0)
Skin and subcutaneous diseases	1·2 (0·6–1·8)	1·5 (0·9–2·2)	2·4 (1·3–3·7)	3·6 (2·1–5·1)	6·4 (3·9–9·0)	10·5 (6·3–14·4)	30·5 (19·7–39·1)
Cellulitis	0·4 (0·2–0·6)	0·5 (0·3–0·8)	0·7 (0·4–1·1)	1·0 (0·6–1·4)	1·5 (0·9–2·1)	1·9 (1·2–2·6)	3·9 (2·5–5·0)
Abscess, impetigo, and other bacterial skin diseases	0·5 (0·2–0·7)	0·6 (0·3–0·9)	0·9 (0·5–1·3)	1·2 (0·7–1·7)	1·9 (1·2–2·7)	2·7 (1·6–3·7)	6·7 (4·3–8·5)
Decubitus ulcer	0·3 (0·2–0·5)	0·4 (0·2–0·6)	0·7 (0·4–1·1)	1·4 (0·8–1·9)	3·0 (1·8–4·2)	5·8 (3·5–7·9)	19·8 (12·9–25·0)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	45·8 (38·9–56·0)	52·3 (44·2–62·6)	63·6 (53·5–75·0)	81·5 (68·1–94·6)	107·3 (88·9–123·3)	152·6 (128·7–174·8)	351·1 (284·7–396·1)
Transport injuries	12·1 (8·4–17·8)	15·0 (10·4–21·4)	17·5 (12·0–25·5)	21·9 (14·5–31·1)	26·4 (18·4–38·3)	31·8 (22·5–44·8)	35·1 (26·7–49·0)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Road injury	11·6 (9·0–17·5)	14·5 (11·2–21·1)	16·9 (13·1–25·0)	21·1 (16·8–31·0)	25·6 (20·0–38·9)	30·6 (24·8–47·7)	33·6 (27·4–52·0)
Pedestrian injury by road vehicle	3·6 (2·2–5·8)	4·9 (3·0–7·4)	6·0 (3·7–9·0)	7·8 (4·8–11·6)	10·0 (6·3–15·2)	13·4 (8·1–19·5)	15·3 (10·1–22·1)
Pedal cycle vehicle	0·7 (0·4–1·4)	1·0 (0·6–1·8)	1·1 (0·6–2·3)	1·5 (0·9–2·8)	1·9 (1·1–3·7)	2·2 (1·3–3·8)	2·1 (1·3–3·4)
Motorized vehicle with two wheels	1·1 (0·8–1·6)	1·3 (0·9–1·8)	1·4 (1·0–2·2)	1·6 (1·1–2·3)	1·8 (1·3–2·5)	2·1 (1·5–2·8)	2·0 (1·4–3·0)
Motorized vehicle with three or more wheels	4·6 (3·2–6·8)	5·4 (3·7–8·0)	6·1 (3·9–8·7)	8·0 (5·3–11·6)	8·9 (6·0–12·9)	9·8 (6·6–14·1)	11·1 (7·4–16·8)
Road injury other	1·4 (0·3–5·3)	1·9 (0·4–5·8)	2·2 (0·5–7·7)	2·3 (0·5–7·9)	3·0 (0·6–9·7)	3·1 (0·7–10·4)	3·2 (0·6–12·1)
Other transport injury	0·5 (0·3–0·7)	0·6 (0·4–0·8)	0·7 (0·4–0·9)	0·7 (0·5–1·1)	0·9 (0·6–1·2)	1·3 (0·8–1·7)	1·5 (1·1–2·3)
Unintentional injuries other than transport injuries	16·8 (13·3–21·2)	19·5 (15·7–24·1)	25·6 (20·1–31·2)	35·9 (28·2–43·3)	53·2 (41·1–64·4)	90·6 (70·6–108·1)	275·5 (211·0–317·4)
Falls	3·2 (2·0–4·7)	4·3 (2·8–6·2)	6·8 (4·1–9·4)	11·3 (6·7–16·1)	20·1 (12·5–28·8)	43·3 (26·8–58·5)	165·1 (110·0–203·4)
Drowning	2·1 (1·5–3·2)	2·4 (1·6–3·7)	3·4 (2·3–5·2)	4·2 (3·0–6·2)	5·8 (3·9–9·2)	7·5 (5·1–10·9)	11·4 (7·5–15·7)
Fire, heat and hot substances	3·5 (1·7–7·2)	3·8 (1·9–7·4)	4·7 (2·7–8·6)	6·1 (3·4–10·2)	8·2 (4·8–13·5)	11·2 (6·9–16·3)	20·0 (13·3–26·3)
Poisonings	2·3 (1·2–3·2)	2·2 (1·3–2·9)	2·1 (1·4–3·2)	2·6 (1·6–3·5)	3·0 (2·1–4·5)	4·1 (2·4–5·5)	6·4 (3·8–8·7)
Exposure to mechanical forces	1·8 (1·2–3·0)	2·0 (1·1–3·5)	2·1 (1·2–3·5)	2·8 (1·6–5·2)	3·4 (1·6–5·9)	4·8 (2·5–8·8)	8·1 (3·2–14·9)
Mechanical forces (firearm)	0·7 (0·2–2·4)	0·7 (0·2–2·0)	0·7 (0·2–2·0)	1·0 (0·2–3·2)	1·1 (0·2–3·3)	1·5 (0·3–4·8)	1·8 (0·4–6·2)
Mechanical forces (other)	1·1 (0·5–2·0)	1·4 (0·6–2·6)	1·4 (0·7–2·6)	1·8 (0·7–3·5)	2·2 (0·9–4·1)	3·3 (1·2–7·2)	6·3 (2·5–11·4)
Adverse effects of medical treatment	0·9 (0·4–1·3)	1·1 (0·5–1·6)	1·6 (0·8–2·3)	2·6 (1·2–3·6)	3·6 (1·7–5·0)	6·1 (2·9–8·7)	15·8 (7·2–24·2)
Animal contact	0·7 (0·3–1·3)	0·7 (0·3–1·3)	1·0 (0·5–1·8)	1·1 (0·5–2·0)	1·6 (0·8–2·8)	1·9 (0·9–3·6)	2·1 (1·0–3·9)
Animal contact (venomous)	0·5 (0·2–1·0)	0·5 (0·2–1·0)	0·6 (0·2–1·3)	0·7 (0·3–1·4)	1·0 (0·4–2·0)	1·1 (0·4–2·7)	1·1 (0·4–2·4)
Animal contact (non-venomous)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·3 (0·1–0·7)	0·4 (0·2–0·9)	0·6 (0·2–1·2)	0·8 (0·3–1·6)	1·0 (0·4–1·9)
Unintentional injuries not classified elsewhere	2·3 (1·5–3·3)	2·9 (1·9–4·4)	3·9 (2·4–5·9)	5·1 (3·3–7·2)	7·5 (4·5–11·1)	11·9 (7·7–16·1)	46·7 (28·4–58·3)
Self-harm and interpersonal violence	14·2 (9·5–21·1)	14·9 (9·8–24·3)	17·2 (10·5–24·5)	20·1 (12·4–30·3)	24·9 (16·0–34·4)	28·6 (19·2–40·7)	39·8 (27·4–59·3)
Self-harm	12·1 (7·3–18·7)	12·8 (7·6–22·0)	15·0 (8·6–22·2)	17·8 (10·2–28·2)	22·1 (13·3–31·6)	25·4 (16·0–37·3)	34·5 (22·6–53·9)
Interpersonal violence	2·2 (1·7–3·0)	2·1 (1·7–2·9)	2·1 (1·7–2·9)	2·3 (1·8–2·9)	2·7 (2·1–3·5)	3·2 (2·4–4·2)	5·4 (3·5–7·1)

Web Table 27 - Global deaths rates (per 100,000) with 95% UI in 235 causes by age, sex, and cause in 2010							
Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Assault by firearm	0·6 (0·3–1·2)	0·5 (0·2–1·0)	0·5 (0·2–0·9)	0·4 (0·2–0·8)	0·4 (0·2–0·7)	0·4 (0·2–0·8)	0·6 (0·3–1·1)
Assault by sharp object	0·6 (0·3–0·9)	0·6 (0·3–0·9)	0·6 (0·3–0·9)	0·6 (0·3–1·0)	0·8 (0·4–1·2)	0·7 (0·3–1·2)	1·1 (0·5–1·9)
Assault by other means	1·0 (0·6–1·4)	1·0 (0·7–1·6)	1·1 (0·7–1·6)	1·2 (0·8–1·7)	1·6 (1·0–2·3)	2·1 (1·4–3·0)	3·7 (2·4–5·3)
Forces of nature, war, and legal intervention	2·7 (1·4–5·8)	3·0 (1·6–6·0)	3·2 (1·8–6·3)	3·6 (2·1–6·8)	2·8 (1·7–5·3)	1·5 (0·8–2·9)	0·7 (0·3–1·4)
Exposure to forces of nature	2·5 (1·2–5·3)	2·7 (1·4–5·5)	2·9 (1·6–5·6)	3·3 (1·9–5·9)	2·5 (1·5–4·4)	1·2 (0·6–2·2)	0·4 (0·1–0·9)
Collective violence and legal intervention	0·2 (0·1–0·5)	0·3 (0·1–0·6)	0·3 (0·2–0·7)	0·4 (0·2–0·9)	0·4 (0·2–0·8)	0·3 (0·2–0·7)	0·2 (0·1–0·5)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
All causes	877·3 (858·2–900·2)	120,365·8 (108,504·6–131,13	16,471·9 (15,421·2–17,508·	2,953·4 (2,744·7–3,304·4)	717·7 (648·9–807·0)	123·3 (117·0–130·8)	83·2 (79·2–87·7)
Communicable, maternal, neonatal, and nutritional disorders	299·1 (284·2–317·7)	111,032·8 (98,559·6–121,752	14,686·9 (13,668·1–15,781·	2,510·7 (2,305·8–2,886·1)	553·5 (488·8–647·3)	73·2 (66·3–83·0)	38·5 (34·3–43·6)
HIV/AIDS and tuberculosis	33·4 (30·2–38·3)	–	–	34·1 (26·7–43·2)	19·0 (15·4–24·0)	3·6 (3·0–4·7)	2·5 (2·1–3·2)
Tuberculosis	27·8 (24·9–32·4)	–	–	24·9 (18·2–33·8)	11·2 (8·4–15·5)	3·1 (2·4–4·2)	2·4 (2·0–3·1)
HIV/AIDS	5·6 (4·6–7·1)	–	–	9·2 (7·1–11·7)	7·9 (6·1–10·1)	0·5 (0·4–0·7)	0·1 (0·1–0·2)
HIV disease resulting in mycobacterial infection	1·0 (0·8–1·3)	–	–	2·0 (1·5–2·5)	1·7 (1·3–2·1)	0·1 (0·1–0·2)	<0·05 (0·1–0·05)
HIV disease resulting in other specified or unspecified diseases	4·6 (3·7–5·9)	–	–	7·2 (5·5–9·3)	6·2 (4·7–8·1)	0·4 (0·3–0·6)	0·1 (0·1–0·2)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	146·6 (134·6–165·4)	14,385·5 (12,182·2–17,074·	7,178·7 (6,481·5–8,072·3)	1,856·1 (1,642·9–2,244·8)	374·7 (314·9–474·2)	49·5 (41·7–61·0)	23·6 (19·6–28·9)
Diarrheal diseases	46·9 (43·5–50·2)	2,468·5 (1,907·8–3,276·1)	2,059·7 (1,696·3–2,475·3)	683·5 (605·2–757·4)	132·4 (116·7–150·5)	14·7 (12·0–17·8)	6·3 (5·2–7·6)
Cholera	2·3 (1·8–2·8)	140·2 (88·9–222·2)	115·6 (77·1–173·4)	35·9 (25·5–49·1)	9·1 (7·2–11·6)	0·8 (0·6–1·1)	0·2 (0·2–0·3)
Other salmonella infections	2·5 (2·0–3·1)	97·0 (65·3–141·6)	83·0 (58·7–118·3)	29·8 (22·4–39·5)	6·8 (5·5–8·7)	1·3 (1·0–1·7)	0·8 (0·6–1·0)
Shigellosis	3·7 (3·0–4·3)	152·2 (100·6–220·7)	128·2 (89·0–177·8)	41·5 (31·7–52·6)	9·9 (8·0–12·1)	1·6 (1·2–2·0)	0·9 (0·6–1·1)
Enteropathogenic E coli infection	3·9 (3·1–4·7)	317·1 (209·8–493·3)	267·5 (185·4–384·5)	89·0 (67·5–111·3)	10·7 (8·3–13·1)	0·6 (0·4–0·8)	0·1 (0·1–0·2)
Enterotoxigenic E coli infection	3·5 (2·9–4·1)	141·8 (95·4–210·3)	119·7 (87·7–169·8)	40·6 (31·6–52·4)	8·2 (6·7–9·9)	1·0 (0·7–1·3)	0·5 (0·4–0·7)
Campylobacter enteritis	4·0 (3·2–4·8)	253·6 (170·3–377·5)	213·8 (152·5–295·5)	71·2 (55·4–88·7)	11·4 (9·1–14·1)	1·0 (0·7–1·3)	0·4 (0·3–0·5)
Amoebiasis	1·3 (1·0–1·6)	28·8 (16·3–50·5)	23·7 (14·4–39·0)	7·6 (5·0–11·3)	2·4 (1·9–3·1)	0·3 (0·2–0·5)	0·2 (0·1–0·3)
Cryptosporidiosis	4·2 (3·4–5·0)	319·7 (229·4–456·4)	262·0 (200·8–344·5)	87·7 (70·2–106·6)	13·9 (11·2–17·1)	0·8 (0·6–1·0)	0·2 (0·1–0·2)
Rotaviral enteritis	9·9 (8·2–11·4)	632·2 (435·5–934·6)	518·2 (382·5–669·9)	173·9 (140·1–206·5)	35·2 (28·5–42·2)	2·5 (1·9–3·3)	0·7 (0·5–0·9)
Other diarrheal diseases	11·8 (8·8–15·4)	386·0 (222·3–625·9)	328·1 (206·1–508·8)	106·2 (71·0–152·8)	24·9 (16·8–36·3)	5·0 (3·4–6·9)	2·3 (1·6–3·3)
Typhoid and paratyphoid fevers	2·6 (0·3–4·8)	–	–	6·0 (0·7–11·3)	5·0 (0·6–9·5)	3·8 (0·5–7·1)	2·9 (0·3–5·3)
Lower respiratory infections	64·4 (58·7–68·9)	8,001·3 (6,447·8–9,368·6)	2,903·7 (2,463·0–3,297·3)	747·5 (661·8–820·2)	124·8 (107·6–144·2)	12·3 (10·3–14·3)	6·9 (5·5–8·0)
Influenza	10·8 (9·8–11·8)	1,141·8 (874·7–1,414·0)	411·9 (329·5–497·0)	108·7 (90·1–128·0)	18·2 (15·4–21·7)	2·1 (1·7–2·5)	1·3 (1·1–1·6)
Pneumococcal pneumonia	16·2 (14·7–17·6)	1,300·4 (1,002·9–1,598·5)	468·8 (378·4–563·3)	122·4 (101·9–143·9)	32·6 (28·4–37·8)	2·8 (2·3–3·3)	1·3 (1·0–1·5)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
H influenzae type B pneumonia	11·4 (10·2–12·6)	1,817·8 (1,412·6–2,247·7)	652·1 (528·0–781·3)	172·1 (146·0–199·5)	28·2 (24·2–33·1)	2·6 (2·1–3·1)	1·3 (1·0–1·6)
Respiratory syncytial virus pneumonia	10·1 (8·7–11·5)	2,657·0 (2,123·0–3,212·0)	981·6 (817·7–1,164·8)	244·7 (212·3–279·5)	16·0 (13·8–18·7)	0·1 (0·1–0·1)	0·1 (0·1–0·1)
Other lower respiratory infections	15·9 (14·1–17·5)	1,084·3 (753·3–1,438·7)	389·3 (286·1–508·3)	99·6 (77·8–126·2)	29·8 (24·6–35·0)	4·7 (3·9–5·5)	2·9 (2·3–3·4)
Upper respiratory infections	0·1 (0·1–0·1)	9·0 (7·3–10·4)	3·4 (2·9–3·9)	1·0 (0·9–1·1)	0·2 (0·1–0·2)	<0·05 (0·1–0·05)	<0·05 (0·0–0·05)
Otitis media	0·1 (0·0–1·2)	2·4 (0·0–28·0)	3·2 (0·0–37·6)	2·3 (0·0–27·9)	0·1 (0·0–1·1)	<0·05 (0·0–1·4)	<0·05 (0·0–1·2)
Meningitis	9·3 (8·4–11·0)	780·9 (583·7–1,046·5)	579·2 (447·3–762·8)	108·0 (89·2–135·4)	23·2 (18·7–31·5)	4·7 (3·5–6·3)	2·6 (2·0–3·5)
Pneumococcal meningitis	2·4 (2·1–2·8)	145·4 (101·4–202·3)	108·5 (80·5–144·6)	19·2 (15·5–24·8)	6·3 (4·9–8·9)	1·5 (1·1–2·0)	0·9 (0·7–1·2)
H influenzae type B meningitis	2·2 (1·9–2·8)	216·2 (156·2–293·0)	163·8 (122·0–221·6)	30·0 (24·2–38·7)	8·2 (6·3–11·3)	1·6 (1·1–2·1)	0·6 (0·5–0·9)
Meningococcal infection	1·5 (1·3–1·7)	90·7 (60·3–133·6)	66·8 (49·4–90·7)	11·2 (8·9–14·7)	4·4 (3·4–6·2)	0·9 (0·7–1·3)	0·6 (0·5–0·7)
Other meningitis	3·2 (2·9–3·8)	328·6 (241·2–428·3)	240·2 (185·3–309·5)	47·6 (39·5–59·9)	4·4 (3·5–6·0)	0·7 (0·5–0·9)	0·6 (0·4–0·7)
Encephalitis	2·7 (2·4–3·2)	196·6 (136·4–289·6)	163·8 (107·2–241·0)	27·1 (20·8–34·8)	6·0 (4·4–8·1)	2·1 (1·3–3·1)	1·1 (0·6–1·7)
Diphtheria	0·1 (0·0–1·0)	–	–	1·2 (0·0–9·6)	0·7 (0·0–6·3)	0·1 (0·0–1·1)	<0·05 (0·0–1·6)
Whooping cough	3·1 (0·0–15·4)	–	–	109·8 (0·4–531·7)	6·0 (0·0–30·1)	0·3 (0·0–1·4)	0·1 (0·0–0·3)
Tetanus	5·1 (3·1–8·6)	2,918·4 (1,538·7–5,153·4)	1,460·4 (861·6–2,280·2)	30·5 (15·7–53·1)	1·2 (0·0–5·0)	0·9 (0·0–3·8)	0·6 (0·0–2·4)
Measles	11·9 (3·6–28·2)	–	–	137·1 (40·6–331·1)	74·5 (22·2–174·4)	10·4 (3·2–23·3)	3·1 (0·9–7·8)
Varicella	0·2 (0·0–1·4)	8·4 (0·0–53·5)	5·3 (0·0–35·0)	2·1 (0·0–14·5)	0·5 (0·0–3·7)	0·1 (0·0–0·8)	0·1 (0·0–0·4)
Neglected tropical diseases and malaria	22·8 (19·1–28·0)	17·9 (10·2–35·1)	313·3 (216·9–443·2)	167·9 (122·6–222·5)	81·2 (57·6–106·7)	10·7 (7·9–13·9)	7·2 (5·6–8·9)
Malaria	18·4 (14·7–23·4)	–	295·5 (201·2–424·8)	156·7 (108·9–211·7)	72·6 (49·6–97·8)	6·3 (4·3–9·0)	4·1 (2·9–5·7)
Chagas disease	0·2 (0·1–0·4)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Leishmaniasis	1·6 (1·0–2·6)	–	8·7 (3·8–17·3)	6·6 (3·0–12·6)	4·3 (2·1–7·7)	1·8 (1·0–3·1)	1·4 (0·8–2·3)
African trypanosomiasis	0·6 (0·2–1·4)	–	–	–	0·6 (0·1–1·2)	0·4 (0·1–0·9)	0·5 (0·2–1·1)
Schistosomiasis	0·2 (0·0–1·2)	–	–	<0·05 (0·0–0·1)	<0·05 (0·0–0·8)	<0·05 (0·0–0·4)	<0·05 (0·0–0·6)
Cysticercosis	<0·05 (0·0–2·8)	<0·05 (0·0–0·0)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Both Sexes, All Ages	Both Sexes, 0-6 Days	Both Sexes, 7-27 Days	Both Sexes, 28-364 Days	Both Sexes, 1-4 Years	Both Sexes, 5-9 Years	Both Sexes, 10-14 Years
Echinococcosis	<0·05 (0·0–7·7)	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Dengue	0·2 (0·1–0·4)	–	–	1·0 (0·2–2·4)	0·6 (0·1–1·7)	0·2 (0·1–0·5)	0·1 (0·0–0·2)
Rabies	1·0 (0·6–2·0)	–	–	1·7 (0·7–3·7)	2·1 (0·8–5·6)	1·6 (0·8–3·1)	0·8 (0·4–1·6)
Intestinal nematode infections	0·1 (0·0–0·3)	–	–	0·3 (0·0–1·4)	0·4 (0·0–2·0)	0·1 (0·0–0·4)	<0·05 (0·0–0·5)
Ascariasis	0·1 (0·0–0·3)	–	–	0·3 (0·0–1·4)	0·4 (0·0–2·0)	0·1 (0·0–0·4)	<0·05 (0·0–0·5)
Other neglected tropical diseases	0·4 (0·3–0·6)	17·9 (10·2–35·0)	9·0 (5·0–16·3)	1·6 (0·9–2·8)	0·7 (0·3–1·3)	0·2 (0·1–0·4)	0·1 (0·1–0·2)
Maternal disorders	6·8 (5·6–8·1)	–	–	–	–	–	–
Maternal hemorrhage	1·6 (1·3–1·9)	–	–	–	–	–	–
Maternal sepsis	0·6 (0·5–0·8)	–	–	–	–	–	–
Hypertensive disorders of pregnancy	1·3 (1·1–1·6)	–	–	–	–	–	–
Obstructed labor	0·4 (0·3–0·4)	–	–	–	–	–	–
Abortion	1·1 (0·9–1·3)	–	–	–	–	–	–
Other maternal disorders	1·8 (1·5–2·1)	–	–	–	–	–	–
Neonatal disorders	58·1 (50·6–64·0)	92.501·2 (80,400·3–102,699	6.608·5 (5,603·5–7,643·7)	136·2 (109·5–163·2)	1·4 (1·0–1·8)	–	–
Preterm birth complications	22·7 (18·8–26·0)	37,900·8 (31,149·3–43,552·	2,120·7 (1,637·4–2,555·3)	46·2 (34·6–58·3)	0·2 (0·1–0·3)	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	12·0 (9·7–15·1)	20.848·2 (16,684·4–26,511·	960·1 (732·7–1,267·0)	17·0 (12·7–22·1)	0·5 (0·3–0·8)	–	–
Sepsis and other infectious disorders of the newborn baby	10·1 (5·5–15·4)	15,068·5 (8,292·3–23,106·5)	1,479·4 (762·4–2,289·8)	24·0 (12·1–41·6)	0·1 (0·0–0·3)	–	–
Other neonatal disorders	13·3 (10·0–16·2)	18.683·7 (13,564·4–23,824·	2.048·4 (1,590·9–2,476·1)	49·0 (34·4–63·8)	0·5 (0·3–0·9)	–	–
Nutritional deficiencies	18·4 (16·1–21·8)	–	–	211·9 (177·5–256·9)	61·3 (50·1–74·3)	5·2 (3·8–7·2)	2·9 (2·2–4·2)
Protein-energy malnutrition	16·7 (13·7–19·9)	–	–	202·7 (163·3–249·9)	57·7 (46·2–71·2)	4·7 (3·4–6·6)	2·6 (1·8–3·7)
Iodine deficiency	<0·05 (1·7–0·05)	–	–	0·2 (0·2–0·3)	<0·05 (0·1–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Iron-deficiency anemia	1·5 (1·3–1·8)	–	–	7·6 (6·2–9·4)	3·3 (2·6–4·3)	0·4 (0·3–0·5)	0·4 (0·3–0·5)
Other nutritional deficiencies	0·2 (0·2–0·3)	–	–	1·4 (1·1–1·9)	0·2 (0·1–0·2)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)

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Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
Other communicable, maternal, neonatal, and nutritional disorders	13·0 (10·7–15·4)	4,128·2 (2,625·8–6,263·1)	586·4 (415·3–782·6)	104·5 (78·0–137·0)	16·0 (10·7–20·8)	4·1 (3·3–5·3)	2·3 (1·8–2·7)
Sexually transmitted diseases excluding HIV	4·0 (2·5–6·1)	3,495·5 (2,074·0–5,534·1)	306·1 (182·1–487·9)	50·2 (29·9–80·5)	2·9 (1·7–4·7)	0·8 (0·5–1·2)	0·1 (0·0–0·1)
Syphilis	3·8 (2·3–6·0)	3,495·5 (2,030·0–5,535·5)	306·1 (176·3–488·3)	50·2 (29·0–79·7)	2·9 (1·7–4·7)	0·8 (0·4–1·2)	<0·05 (0·1–0·3)
Sexually transmitted chlamydial diseases	<0·05 (0·8–0·05)	–	–	–	–	–	<0·05 (0·0–0·05)
Gonococcal infection	<0·05 (0·6–0·05)	–	–	–	–	–	<0·05 (0·0–0·05)
Other sexually transmitted diseases	0·1 (0·0–0·1)	–	–	–	–	–	<0·05 (0·1–0·05)
Hepatitis	4·0 (3·8–4·2)	–	–	13·8 (10·8–17·5)	3·7 (2·8–4·7)	1·4 (1·1–1·7)	1·1 (0·9–1·4)
Acute hepatitis A	1·9 (1·1–2·9)	–	–	10·4 (5·0–16·1)	2·2 (0·6–4·1)	0·5 (0·2–0·9)	0·4 (0·2–0·7)
Acute hepatitis B	1·3 (0·9–1·6)	–	–	3·5 (1·5–6·0)	0·5 (0·2–0·9)	0·1 (0·1–0·3)	0·1 (0·0–0·1)
Acute hepatitis C	0·2 (0·1–0·2)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Acute hepatitis E	0·7 (0·4–1·0)	–	–	–	1·0 (0·5–1·8)	0·7 (0·3–1·2)	0·6 (0·3–1·0)
Other infectious diseases	5·1 (3·6–6·0)	632·7 (369·9–904·4)	280·4 (176·4–380·8)	40·5 (24·9–56·6)	9·3 (5·1–13·2)	2·0 (1·3–3·0)	1·1 (0·7–1·4)
Non-communicable diseases	501·0 (487·5–514·0)	8,530·2 (7,249·8–10,625·3)	1,510·2 (1,251·5–1,834·0)	320·8 (272·6–379·9)	81·0 (67·5–94·7)	22·9 (19·9–26·4)	20·8 (19·0–22·7)
Neoplasms	109·0 (102·2–117·0)	43·5 (30·7–63·7)	13·7 (8·3–25·1)	8·8 (6·5–12·0)	4·9 (3·4–6·4)	4·6 (3·7–5·4)	4·5 (3·7–5·2)
Esophageal cancer	6·5 (5·3–8·1)	–	–	–	–	–	–
Stomach cancer	14·6 (11·4–19·1)	–	–	–	–	–	–
Liver cancer	8·7 (7·3–9·9)	–	–	–	–	0·2 (0·1–0·3)	0·2 (0·1–0·3)
Liver cancer secondary to hepatitis B	4·0 (3·3–4·5)	–	–	–	–	<0·05 (0·2–0·4)	0·1 (0·0–0·1)
Liver cancer secondary to hepatitis C	2·1 (1·8–2·4)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Liver cancer secondary to alcohol use	1·8 (1·5–2·0)	–	–	–	–	–	–
Other liver cancer	0·9 (0·7–1·0)	–	–	–	–	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Larynx cancer	1·5 (0·8–2·5)	–	–	–	–	–	–
Trachea, bronchus and lung cancers	19·5 (15·6–24·8)	–	–	–	–	–	–

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Breast cancer	6·0 (5·9–6·4)	–	–	–	–	–	–
Cervical cancer	3·6 (2·3–5·0)	–	–	–	–	–	–
Uterine cancer	0·9 (0·5–1·5)	–	–	–	–	–	–
Prostate cancer	2·9 (1·7–4·5)	–	–	–	–	–	–
Colon and rectum cancers	9·3 (7·9–10·3)	–	–	–	–	–	–
Mouth cancer	1·5 (1·3–1·7)	–	–	–	–	–	–
Nasopharynx cancer	0·9 (0·6–1·1)	–	–	–	–	<0·05 (0·1–0·4)	0·1 (0·0–0·1)
Cancer of other part of pharynx and oropharynx	1·4 (0·8–1·7)	–	–	–	–	–	–
Gallbladder and biliary tract cancer	1·8 (1·2–2·6)	–	–	–	–	–	–
Pancreatic cancer	3·8 (2·9–4·9)	–	–	–	–	–	–
Malignant melanoma of skin	0·6 (0·4–0·9)	–	–	–	–	–	–
Non-melanoma skin cancer	0·4 (0·2–0·6)	–	–	–	–	–	–
Ovarian cancer	2·1 (1·6–2·6)	–	–	–	–	–	–
Testicular cancer	0·1 (0·1–0·2)	–	–	–	–	–	–
Kidney and other urinary organ cancers	1·6 (1·2–2·1)	–	–	0·4 (0·1–0·7)	0·3 (0·1–0·5)	0·2 (0·1–0·3)	0·1 (0·0–0·2)
Bladder cancer	2·3 (1·9–2·8)	–	–	–	–	–	–
Brain and nervous system cancers	2·5 (1·7–3·6)	–	–	–	0·4 (0·2–1·1)	0·8 (0·5–1·1)	0·6 (0·4–0·8)
Thyroid cancer	0·5 (0·3–0·6)	–	–	–	–	–	<0·05 (0·1–0·4)
Hodgkin's disease	0·4 (0·2–0·5)	3·8 (2·1–6·3)	0·7 (0·3–1·6)	0·1 (0·1–0·2)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·1)
Non-Hodgkin's lymphoma	2·7 (2·3–3·0)	–	–	0·5 (0·3–0·9)	0·7 (0·4–1·2)	0·7 (0·4–1·0)	0·6 (0·4–0·9)
Multiple myeloma	0·9 (0·7–1·3)	–	–	–	–	–	–
Leukemia	4·1 (3·3–5·1)	–	–	3·9 (2·9–6·4)	2·1 (1·5–2·9)	1·8 (1·4–2·3)	1·9 (1·5–2·4)
Other neoplasms	7·8 (6·0–9·8)	39·7 (27·1–60·0)	13·0 (7·6–24·3)	3·8 (2·4–6·2)	1·2 (0·7–1·9)	0·9 (0·6–1·2)	1·0 (0·7–1·3)

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Cardiovascular and circulatory diseases	224·5 (213·7–237·5)	439·6 (365·8–513·6)	134·4 (113·8–159·8)	39·4 (34·2–48·8)	9·6 (8·1–11·6)	3·3 (2·9–3·9)	4·0 (3·5–4·6)
Rheumatic heart disease	8·7 (8·1–9·8)	–	–	–	1·0 (0·7–1·4)	0·5 (0·4–0·7)	1·0 (0·8–1·3)
Ischemic heart disease	98·3 (94·6–106·5)	–	–	8·2 (5·7–10·8)	2·0 (1·3–2·4)	0·7 (0·6–0·8)	0·8 (0·7–1·0)
Cerebrovascular disease	87·9 (83·7–97·2)	184·1 (133·6–237·4)	56·2 (40·6–72·5)	11·6 (8·3–15·1)	2·7 (2·0–3·4)	1·1 (0·9–1·3)	1·2 (1·0–1·4)
Ischemic stroke	42·3 (39·4–47·1)	–	–	2·4 (1·8–3·1)	0·6 (0·5–0·8)	0·2 (0·1–0·2)	0·2 (0·1–0·2)
Hemorrhagic and other non-ischemic stroke	45·6 (38·7–53·3)	184·1 (132·4–264·8)	56·2 (41·1–80·9)	9·2 (6·4–12·9)	2·1 (1·5–2·8)	0·9 (0·7–1·1)	1·0 (0·8–1·2)
Hypertensive heart disease	11·1 (9·1–14·0)	–	–	1·4 (1·0–1·9)	0·4 (0·3–0·5)	0·1 (0·1–0·2)	0·1 (0·1–0·1)
Cardiomyopathy and myocarditis	5·4 (4·7–6·0)	103·9 (59·0–156·2)	40·7 (20·9–64·8)	6·7 (3·1–11·2)	1·7 (0·6–3·1)	0·5 (0·3–0·7)	0·4 (0·3–0·6)
Atrial fibrillation and flutter	0·6 (0·5–0·8)	–	–	–	–	–	–
Aortic aneurysm	2·5 (1·8–3·3)	–	–	–	–	–	–
Peripheral vascular disease	0·4 (0·2–0·5)	–	–	–	–	–	–
Endocarditis	0·7 (0·6–0·8)	18·7 (13·4–27·2)	6·9 (5·2–9·0)	2·2 (1·7–2·9)	0·5 (0·4–0·6)	0·1 (0·1–0·1)	0·1 (0·1–0·1)
Other cardiovascular and circulatory diseases	8·9 (8·4–9·2)	132·9 (92·7–182·2)	30·7 (18·3–46·2)	9·3 (5·8–13·5)	1·4 (0·6–2·3)	0·4 (0·3–0·5)	0·4 (0·3–0·5)
Chronic respiratory diseases	75·2 (73·8–76·7)	279·9 (233·8–358·8)	133·0 (110·9–167·9)	48·0 (42·3–55·1)	11·8 (10·6–13·2)	1·7 (1·5–2·0)	1·5 (1·3–1·6)
Chronic obstructive pulmonary disease	58·5 (55·0–63·0)	–	–	22·8 (17·8–28·9)	3·8 (2·9–4·7)	0·5 (0·4–0·7)	0·4 (0·3–0·6)
Pneumoconiosis	3·2 (1·6–5·6)	–	–	–	0·3 (0·1–0·8)	0·1 (0·0–0·1)	<0·05 (0·1–0·5)
Asthma	7·2 (5·2–11·1)	–	–	–	3·9 (1·3–7·7)	0·6 (0·3–1·2)	0·6 (0·3–1·1)
Other interstitial lung disease	1·2 (0·8–1·7)	–	–	–	0·2 (0·0–0·6)	<0·05 (0·1–0·5)	<0·05 (0·1–0·05)
Other chronic respiratory diseases	5·2 (3·8–7·1)	279·9 (184·7–416·9)	133·0 (81·5–196·4)	25·2 (12·6–42·3)	3·6 (1·3–6·3)	0·4 (0·2–0·8)	0·3 (0·2–0·6)
Cirrhosis of the liver	14·7 (12·5–16·4)	–	–	–	3·3 (2·6–4·2)	0·6 (0·5–0·8)	0·7 (0·5–0·9)
Cirrhosis of the liver secondary to hepatitis B	4·6 (3·7–5·1)	–	–	–	0·2 (0·2–0·3)	0·1 (0·1–0·1)	0·2 (0·1–0·2)
Cirrhosis of the liver secondary to hepatitis C	4·0 (3·4–4·5)	–	–	–	0·1 (0·1–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)
Cirrhosis of the liver secondary to alcohol use	3·9 (3·2–4·6)	–	–	–	–	–	–

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Other cirrhosis of the liver	2·2 (1·9–2·6)	–	–	–	3·0 (2·4–3·9)	0·5 (0·4–0·6)	0·4 (0·4–0·6)
Digestive diseases (except cirrhosis)	18·4 (16·5–20·1)	–	–	–	12·7 (10·7–15·2)	1·8 (1·6–2·1)	1·7 (1·5–2·0)
Peptic ulcer disease	6·0 (5·0–6·4)	–	–	–	2·3 (1·7–3·0)	0·5 (0·4–0·6)	0·6 (0·4–0·7)
Gastritis and duodenitis	0·3 (0·2–0·4)	–	–	–	0·2 (0·1–0·4)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)
Appendicitis	0·7 (0·5–1·1)	–	–	–	1·6 (0·7–3·2)	0·3 (0·2–0·4)	0·2 (0·2–0·4)
Paralytic ileus and intestinal obstruction without hernia	2·3 (1·5–2·7)	–	–	–	2·6 (1·1–4·6)	0·3 (0·2–0·5)	0·3 (0·2–0·4)
Inguinal or femoral hernia	0·4 (0·4–0·4)	–	–	–	0·5 (0·5–0·5)	0·1 (0·1–0·1)	<0·05 (0·2–0·05)
Noninfective inflammatory bowel disease	0·6 (0·3–0·7)	–	–	–	1·5 (0·2–2·7)	0·1 (0·0–0·2)	0·1 (0·0–0·1)
Vascular disorders of intestine	1·0 (0·5–2·0)	–	–	–	0·1 (0·0–0·2)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)
Gall bladder and bile duct disease	1·4 (1·2–1·8)	–	–	–	0·7 (0·2–1·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Pancreatitis	1·0 (0·7–1·2)	–	–	–	0·2 (0·0–0·3)	<0·05 (0·1–0·4)	<0·05 (0·1–0·3)
Other digestive diseases	4·7 (3·7–5·6)	–	–	–	3·2 (1·8–5·1)	0·4 (0·2–0·5)	0·4 (0·2–0·6)
Neurological disorders	11·2 (8·8–13·3)	–	–	13·2 (8·5–24·0)	6·1 (3·0–12·9)	2·4 (1·7–3·6)	2·4 (1·7–3·2)
Alzheimer's disease and other dementias	2·7 (2·1–3·9)	–	–	–	–	0·3 (0·1–0·4)	0·2 (0·1–0·2)
Parkinson's disease	1·0 (0·8–1·3)	–	–	–	–	–	–
Epilepsy	2·5 (1·6–3·2)	–	–	5·1 (2·4–9·4)	3·9 (1·3–9·3)	1·0 (0·6–1·7)	1·0 (0·7–1·3)
Multiple sclerosis	0·3 (0·2–0·4)	–	–	–	–	–	–
Other neurological disorders	4·8 (2·9–6·5)	–	–	8·1 (4·9–16·8)	2·2 (1·3–5·3)	1·1 (0·7–1·9)	1·2 (0·7–1·9)
Mental and behavioral disorders	2·6 (1·8–3·5)	7·2 (2·8–16·7)	2·9 (1·1–5·6)	0·6 (0·3–1·4)	0·5 (0·2–0·8)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Schizophrenia	0·4 (0·2–0·5)	–	–	–	–	–	–
Alcohol use disorders	1·4 (0·8–2·2)	–	–	–	–	–	–
Drug use disorders	0·5 (0·3–1·1)	7·2 (2·8–16·7)	2·9 (1·1–5·6)	0·6 (0·3–1·4)	0·3 (0·1–0·7)	0·1 (0·0–0·2)	0·1 (0·0–0·1)
Opioid use disorders	0·2 (0·1–0·4)	2·3 (0·9–5·3)	0·9 (0·4–1·8)	0·2 (0·1–0·4)	0·1 (0·0–0·2)	<0·05 (0·1–0·3)	<0·05 (0·1–0·05)

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Cocaine use disorders	<0·05 (0·7–2·7)	0·3 (0·1–0·8)	0·1 (0·0–0·3)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Amphetamine use disorders	<0·05 (0·1–0·05)	0·1 (0·0–0·2)	<0·05 (0·0–0·0)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·3 (0·2–0·6)	4·5 (1·7–10·3)	1·8 (0·7–3·4)	0·4 (0·2–0·8)	0·2 (0·1–0·5)	<0·05 (0·1–0·6)	<0·05 (0·1–0·5)
Eating disorders	0·1 (0·0–0·2)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other mental and behavioral disorders	0·2 (0·1–0·3)	–	–	–	0·1 (0·0–0·2)	<0·05 (0·1–0·05)	<0·05 (0·0–0·05)
Diabetes, urogenital, blood, and endocrine diseases	29·1 (26·8–34·0)	266·2 (148·5–460·5)	75·5 (45·9–103·7)	38·3 (25·6–56·0)	13·1 (6·5–22·9)	4·4 (2·8–7·7)	3·4 (2·5–4·8)
Diabetes mellitus	12·5 (11·2–14·3)	37·4 (25·4–48·6)	9·9 (6·6–13·0)	4·4 (2·7–6·2)	0·9 (0·6–1·2)	0·3 (0·2–0·4)	0·4 (0·3–0·5)
Acute glomerulonephritis	2·6 (1·1–6·7)	–	–	8·5 (3·0–25·5)	3·9 (1·0–11·8)	1·7 (0·5–4·9)	0·9 (0·3–2·4)
Chronic kidney diseases	7·6 (6·7–8·8)	–	–	7·4 (4·5–11·3)	2·2 (1·4–3·0)	0·7 (0·5–1·1)	0·7 (0·5–1·0)
Chronic kidney disease due to diabetes mellitus	1·7 (1·5–2·1)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Chronic kidney disease due to hypertension	1·7 (1·5–2·0)	–	–	0·9 (0·5–1·4)	0·3 (0·2–0·4)	0·1 (0·1–0·1)	0·1 (0·1–0·1)
Chronic kidney disease unspecified	4·2 (3·6–4·8)	–	–	6·5 (4·0–10·0)	1·9 (1·2–2·6)	0·6 (0·4–0·9)	0·6 (0·4–0·8)
Urinary diseases and male infertility	2·6 (1·9–3·3)	26·1 (13·0–46·8)	12·0 (5·8–20·2)	3·6 (1·6–6·8)	0·8 (0·3–1·3)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	1·6 (1·2–2·0)	12·6 (5·4–20·9)	5·8 (2·2–9·9)	1·9 (0·8–3·6)	0·4 (0·2–0·7)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Urolithiasis	0·3 (0·2–0·5)	–	–	–	–	<0·05 (0·1–0·4)	<0·05 (0·1–0·3)
Other urinary diseases	0·7 (0·5–0·9)	13·4 (4·8–30·0)	6·2 (2·0–12·6)	1·6 (0·4–4·2)	0·4 (0·1–0·7)	<0·05 (0·1–0·4)	<0·05 (0·1–0·3)
Gynecological diseases	0·1 (0·1–0·1)	–	–	–	–	–	–
Uterine fibroids	<0·05 (0·3–0·05)	–	–	–	–	–	–
Endometriosis	<0·05 (0·0–0·05)	–	–	–	–	–	–
Genital prolapse	<0·05 (0·1–0·05)	–	–	–	–	–	–
Other gynecological diseases	0·1 (0·1–0·1)	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	2·1 (1·4–3·0)	135·8 (66·0–308·6)	31·5 (19·4–45·0)	8·5 (4·1–13·1)	4·0 (1·2–7·2)	1·1 (0·6–1·8)	1·0 (0·6–1·5)
Thalassemias	0·5 (0·3–0·6)	2·9 (1·8–4·4)	2·4 (1·4–3·4)	1·3 (0·7–2·0)	1·0 (0·5–1·5)	0·5 (0·3–0·7)	0·4 (0·3–0·6)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Both Sexes, All Ages	Both Sexes, 0-6 Days	Both Sexes, 7-27 Days	Both Sexes, 28-364 Days	Both Sexes, 1-4 Years	Both Sexes, 5-9 Years	Both Sexes, 10-14 Years
Sickle cell disorders	0·4 (0·3–0·6)	6·0 (4·2–8·5)	5·3 (3·2–7·6)	2·7 (1·5–4·0)	1·6 (0·7–2·6)	0·4 (0·3–0·6)	0·3 (0·2–0·4)
G6PD deficiency	0·1 (0·1–0·1)	0·3 (0·2–0·5)	0·2 (0·1–0·4)	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other hemoglobinopathies and hemolytic anemias	1·1 (0·7–1·7)	126·6 (64·1–293·6)	23·6 (13·7–37·0)	4·3 (2·1–7·7)	1·3 (0·4–3·2)	0·2 (0·1–0·5)	0·2 (0·1–0·4)
Other endocrine, nutritional, blood, and immune disorders	1·6 (0·8–2·2)	66·9 (22·9–124·4)	22·2 (6·7–41·4)	6·0 (2·2–10·0)	1·3 (0·3–2·7)	0·4 (0·1–0·8)	0·3 (0·1–0·6)
Musculoskeletal disorders	1·3 (0·9–1·7)	–	–	–	–	0·1 (0·1–0·2)	0·2 (0·1–0·2)
Rheumatoid arthritis	0·6 (0·4–0·8)	–	–	–	–	<0·05 (0·2–0·5)	<0·05 (0·2–0·4)
Other musculoskeletal disorders	0·7 (0·5–0·8)	–	–	–	–	0·1 (0·0–0·1)	0·1 (0·1–0·2)
Other non-communicable diseases	15·0 (12·6–18·3)	7,493·7 (6,276·9–9,646·0)	1,150·8 (908·8–1,470·4)	172·4 (135·9–225·3)	19·0 (14·0–26·0)	3·6 (2·8–4·8)	2·3 (1·9–3·1)
Congenital anomalies	12·5 (10·4–15·9)	7,493·7 (6,276·9–9,646·0)	1,037·1 (849·1–1,390·0)	145·7 (114·9–196·7)	17·2 (12·4–24·2)	3·3 (2·6–4·5)	2·1 (1·6–2·8)
Neural tube defects	2·2 (1·3–3·3)	2,200·0 (1,306·0–3,254·8)	197·5 (111·3–305·0)	18·9 (10·3–31·5)	2·1 (0·9–3·8)	0·5 (0·2–0·9)	0·3 (0·1–0·7)
Congenital heart anomalies	5·3 (4·4–6·7)	2,694·4 (2,228·1–3,300·7)	434·4 (342·6–629·7)	58·9 (45·5–85·3)	7·9 (5·7–12·3)	1·6 (1·2–2·4)	1·1 (0·8–1·4)
Cleft lip and cleft palate	0·2 (0·1–0·3)	90·5 (40·8–174·0)	22·3 (8·3–46·7)	2·6 (1·0–6·2)	0·2 (0·1–0·6)	–	–
Down's syndrome	0·4 (0·2–0·7)	125·3 (55·4–227·2)	28·4 (10·0–53·6)	4·9 (1·8–9·2)	0·9 (0·3–1·8)	0·1 (0·0–0·3)	0·1 (0·0–0·2)
Other chromosomal abnormalities	0·7 (0·2–1·5)	441·1 (163·9–1,045·4)	79·4 (26·8–183·0)	8·9 (2·5–25·4)	0·6 (0·1–1·6)	0·1 (0·0–0·3)	0·1 (0·0–0·2)
Other congenital anomalies	3·8 (2·2–5·6)	1,942·4 (1,157·9–2,991·5)	275·2 (142·4–439·2)	51·5 (25·0–88·7)	5·4 (2·1–10·1)	1·0 (0·5–1·8)	0·5 (0·3–0·9)
Skin and subcutaneous diseases	1·9 (1·5–2·2)	–	–	9·1 (5·3–13·3)	1·9 (0·9–2·8)	0·3 (0·2–0·4)	0·3 (0·2–0·4)
Cellulitis	0·5 (0·4–0·6)	–	–	1·9 (1·1–2·7)	0·6 (0·3–0·9)	0·1 (0·1–0·2)	0·1 (0·1–0·1)
Abscess, impetigo, and other bacterial skin diseases	0·8 (0·6–1·0)	–	–	7·2 (4·3–10·6)	1·2 (0·6–1·8)	0·2 (0·1–0·2)	0·1 (0·1–0·2)
Decubitus ulcer	0·6 (0·5–0·7)	–	–	–	<0·05 (0·1–0·3)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)
Other skin and subcutaneous diseases	<0·05 (0·1–0·05)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	0·6 (0·3–1·1)	–	113·6 (41·3–278·2)	17·6 (9·9–33·1)	–	–	–
Injuries	77·2 (72·7–84·7)	802·8 (690·3–923·3)	274·8 (231·3–318·2)	121·9 (101·5–138·1)	83·2 (65·2–98·9)	27·3 (24·5–30·8)	23·8 (22·0–26·8)
Transport injuries	18·1 (14·5–22·2)	43·2 (25·8–61·1)	18·5 (10·7–26·5)	10·3 (7·3–13·4)	13·4 (9·5–18·5)	7·2 (5·8–8·6)	5·9 (4·7–7·0)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
Road injury	17·1 (14·4–21·2)	35·2 (22·0–50·6)	14·1 (9·3–20·2)	9·5 (6·6–12·9)	12·5 (8·7–17·5)	6·8 (5·6–8·4)	5·6 (4·7–6·8)
Pedestrian injury by road vehicle	5·4 (4·0–6·3)	8·1 (4·6–14·0)	2·2 (1·1–3·6)	2·0 (0·9–3·4)	5·3 (2·1–8·7)	2·7 (2·0–3·7)	1·9 (1·4–2·5)
Pedal cycle vehicle	1·0 (0·8–1·3)	–	–	–	0·5 (0·2–0·8)	0·5 (0·3–0·8)	0·6 (0·4–0·8)
Motorized vehicle with two wheels	2·5 (1·9–3·1)	3·3 (2·0–4·9)	1·3 (0·7–2·3)	0·9 (0·4–1·4)	1·1 (0·5–1·6)	0·6 (0·3–0·9)	0·6 (0·4–0·8)
Motorized vehicle with three or more wheels	6·4 (5·1–7·9)	20·0 (9·5–35·6)	7·7 (2·8–14·7)	5·0 (2·0–8·9)	4·2 (1·6–6·4)	2·2 (1·3–3·0)	1·8 (1·2–2·3)
Road injury other	1·9 (0·9–3·4)	3·9 (0·8–11·8)	2·9 (1·1–6·1)	1·6 (0·6–3·6)	1·4 (0·4–3·3)	0·8 (0·3–1·6)	0·7 (0·3–1·3)
Other transport injury	0·9 (0·8–1·2)	8·0 (4·6–13·5)	4·3 (1·9–8·1)	0·8 (0·3–1·2)	1·0 (0·2–1·4)	0·4 (0·2–0·6)	0·3 (0·2–0·5)
Unintentional injuries other than transport injuries	38·3 (35·8–42·8)	582·4 (491·1–680·8)	223·8 (188·6–267·9)	103·9 (85·7–119·3)	66·5 (50·6–79·7)	18·9 (16·7–22·0)	14·1 (12·8–16·2)
Falls	6·6 (5·9–7·8)	38·5 (27·9–49·8)	13·1 (9·0–19·8)	8·3 (5·6–12·4)	5·8 (3·4–8·2)	1·6 (1·2–2·0)	1·3 (1·0–1·6)
Drowning	8·2 (6·7–9·7)	38·6 (27·0–60·3)	6·8 (4·6–10·1)	9·2 (6·2–11·9)	28·6 (18·8–36·4)	7·8 (6·1–9·2)	5·5 (4·6–6·6)
Fire, heat and hot substances	5·3 (4·4–6·2)	31·2 (23·7–43·0)	21·8 (16·2–27·2)	12·8 (8·5–16·8)	11·5 (7·0–16·0)	2·4 (1·8–3·1)	1·3 (1·0–1·6)
Poisonings	3·8 (3·0–6·2)	37·4 (25·6–64·9)	22·1 (12·2–42·4)	6·2 (3·9–10·5)	5·2 (2·8–8·9)	1·1 (0·8–1·9)	1·0 (0·7–1·7)
Exposure to mechanical forces	5·2 (3·8–7·9)	28·7 (16·5–55·6)	10·8 (5·9–21·4)	4·1 (2·3–7·0)	6·0 (3·0–11·7)	2·6 (1·5–4·9)	2·2 (1·4–3·5)
Mechanical forces (firearm)	2·4 (1·4–3·9)	18·0 (7·8–35·1)	2·9 (1·1–5·5)	1·8 (0·9–3·4)	2·4 (0·8–4·9)	1·3 (0·6–2·6)	1·3 (0·7–2·3)
Mechanical forces (other)	2·8 (1·9–3·7)	10·8 (6·4–20·3)	7·8 (3·7–14·8)	2·2 (0·8–3·9)	3·6 (1·3–7·2)	1·3 (0·6–2·6)	0·9 (0·5–1·7)
Adverse effects of medical treatment	0·8 (0·6–0·9)	39·8 (27·5–57·3)	16·2 (9·9–23·6)	3·4 (1·9–5·1)	0·8 (0·3–1·3)	0·1 (0·1–0·2)	0·1 (0·1–0·1)
Animal contact	1·4 (1·0–1·8)	49·5 (23·8–97·3)	18·0 (9·7–30·8)	4·3 (2·0–7·4)	2·1 (1·0–3·6)	1·1 (0·7–1·7)	0·9 (0·5–1·3)
Animal contact (venomous)	1·0 (0·6–1·7)	24·1 (9·1–63·2)	14·5 (6·8–28·9)	2·8 (1·2–5·0)	1·5 (0·7–3·1)	0·9 (0·4–1·6)	0·7 (0·3–1·1)
Animal contact (non-venomous)	0·4 (0·2–0·6)	25·3 (10·0–65·3)	3·5 (0·9–8·0)	1·5 (0·4–4·2)	0·6 (0·2–1·5)	0·2 (0·1–0·4)	0·2 (0·1–0·3)
Unintentional injuries not classified elsewhere	7·0 (5·9–7·6)	318·7 (240·8–403·5)	115·0 (89·6–147·6)	55·6 (43·4–69·1)	6·6 (5·4–8·0)	2·0 (1·7–2·5)	1·8 (1·5–2·2)
Self-harm and interpersonal violence	19·0 (15·8–22·7)	102·9 (59·2–138·2)	13·5 (6·0–22·0)	3·8 (2·6–4·8)	2·1 (1·3–2·8)	1·0 (0·8–1·2)	2·8 (2·3–3·8)
Self-harm	12·6 (9·8–16·1)	–	–	–	–	0·2 (0·2–0·3)	1·7 (1·3–2·6)
Interpersonal violence	6·4 (4·6–7·9)	102·9 (59·2–138·2)	13·5 (6·0–22·0)	3·8 (2·6–4·8)	2·1 (1·3–2·8)	0·8 (0·6–0·9)	1·1 (0·8–1·4)

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Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
Assault by firearm	2·7 (2·0–3·3)	12·3 (6·2–19·3)	4·3 (0·8–16·4)	0·7 (0·3–1·1)	0·4 (0·2–0·7)	0·2 (0·1–0·3)	0·4 (0·3–0·6)
Assault by sharp object	1·6 (1·0–2·3)	8·1 (4·6–14·9)	0·7 (0·4–1·3)	0·4 (0·2–0·6)	0·2 (0·1–0·5)	0·1 (0·1–0·2)	0·2 (0·1–0·3)
Assault by other means	2·1 (1·6–2·4)	82·5 (52·1–125·3)	8·6 (4·8–15·3)	2·7 (1·7–4·0)	1·4 (0·7–2·1)	0·5 (0·3–0·6)	0·5 (0·4–0·6)
Forces of nature, war, and legal intervention	1·8 (1·2–3·1)	74·3 (55·6–98·0)	19·0 (14·4–24·3)	3·9 (3·0–4·9)	1·2 (1·0–1·6)	0·3 (0·2–0·3)	1·0 (0·6–1·9)
Exposure to forces of nature	0·6 (0·3–1·1)	23·9 (15·5–35·2)	5·7 (4·2–7·7)	1·4 (1·0–1·9)	0·3 (0·2–0·4)	0·1 (0·1–0·1)	0·3 (0·1–0·7)
Collective violence and legal intervention	1·2 (0·8–1·9)	50·4 (36·8–70·0)	13·3 (10·0–17·0)	2·5 (2·0–3·1)	1·0 (0·8–1·3)	0·2 (0·2–0·2)	0·7 (0·4–1·2)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Both Sexes, 15-19 Years	Both Sexes, 20-24 Years	Both Sexes, 25-29 Years	Both Sexes, 30-34 Years	Both Sexes, 35-39 Years	Both Sexes, 40-44 Years	Both Sexes, 45-49 Years
All causes	137·4 (131·1–145·1)	191·5 (182·8–202·6)	215·7 (206·1–226·3)	251·8 (241·1–264·0)	323·0 (306·6–343·0)	419·9 (399·7–441·0)	602·1 (572·9–633·9)
Communicable, maternal, neonatal, and nutritional disorders	46·5 (41·7–51·7)	66·4 (61·0–72·8)	79·5 (73·3–86·8)	89·0 (82·2–98·2)	103·9 (94·8–114·9)	110·4 (101·1–121·6)	136·4 (124·5–152·5)
HIV/AIDS and tuberculosis	6·2 (5·4–7·4)	15·2 (13·2–17·7)	25·7 (22·8–29·4)	32·4 (28·5–37·7)	40·1 (34·6–46·4)	44·0 (37·8–51·9)	57·0 (47·5–68·2)
Tuberculosis	5·3 (4·5–6·4)	10·9 (9·4–13·2)	16·6 (14·2–19·6)	21·0 (17·9–25·5)	27·8 (22·8–33·0)	32·2 (26·3–39·0)	45·4 (37·2–54·8)
HIV/AIDS	0·9 (0·7–1·2)	4·2 (3·3–5·5)	9·1 (7·3–11·6)	11·4 (9·3–14·1)	12·2 (9·6–15·5)	11·8 (8·8–15·7)	11·6 (8·4–15·8)
HIV disease resulting in mycobacterial infection	0·2 (0·1–0·2)	0·8 (0·6–1·1)	1·7 (1·3–2·2)	2·0 (1·5–2·6)	2·1 (1·6–2·8)	1·9 (1·3–2·7)	1·9 (1·3–2·8)
HIV disease resulting in other specified or unspecified diseases	0·7 (0·6–1·0)	3·4 (2·6–4·4)	7·4 (5·9–9·5)	9·4 (7·7–11·7)	10·2 (8·0–12·8)	9·8 (7·4–13·1)	9·6 (7·0–13·1)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	18·5 (15·4–22·0)	20·2 (17·1–23·3)	21·4 (18·5–24·5)	23·4 (20·3–26·7)	27·0 (23·7–31·1)	30·8 (27·0–35·5)	41·6 (36·7–48·1)
Diarrheal diseases	5·8 (4·6–7·4)	7·1 (5·8–8·8)	8·0 (6·6–9·9)	8·9 (7·4–10·8)	10·4 (8·6–12·8)	11·4 (9·3–14·1)	15·4 (12·6–19·6)
Cholera	0·2 (0·2–0·3)	0·3 (0·2–0·4)	0·3 (0·2–0·4)	0·3 (0·3–0·5)	0·4 (0·3–0·6)	0·4 (0·3–0·6)	0·5 (0·3–0·7)
Other salmonella infections	0·7 (0·5–1·0)	0·8 (0·6–1·1)	0·8 (0·6–1·1)	0·8 (0·6–1·1)	0·9 (0·6–1·2)	0·9 (0·6–1·3)	1·1 (0·8–1·6)
Shigellosis	0·7 (0·5–1·1)	0·9 (0·6–1·2)	0·9 (0·7–1·2)	0·9 (0·7–1·2)	1·0 (0·7–1·3)	1·0 (0·7–1·4)	1·4 (1·0–1·9)
Enteropathogenic E coli infection	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)
Enterotoxigenic E coli infection	0·5 (0·4–0·7)	0·7 (0·5–0·9)	0·8 (0·6–1·1)	1·0 (0·8–1·4)	1·3 (0·9–1·7)	1·5 (1·1–2·0)	1·9 (1·4–2·6)
Campylobacter enteritis	0·3 (0·2–0·5)	0·4 (0·3–0·6)	0·4 (0·3–0·6)	0·5 (0·3–0·6)	0·5 (0·4–0·8)	0·6 (0·4–0·8)	0·8 (0·5–1·1)
Amoebiasis	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·4 (0·2–0·5)	0·4 (0·3–0·6)	0·6 (0·4–0·8)	0·7 (0·5–1·0)	1·0 (0·7–1·3)
Cryptosporidiosis	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·2–0·3)	0·2 (0·2–0·3)	0·3 (0·2–0·4)
Rotaviral enteritis	0·6 (0·4–0·9)	0·7 (0·5–1·0)	0·7 (0·5–1·0)	0·8 (0·5–1·0)	0·8 (0·6–1·1)	0·9 (0·6–1·2)	1·2 (0·9–1·7)
Other diarrheal diseases	2·2 (1·5–3·3)	2·8 (2·0–4·0)	3·3 (2·3–4·6)	3·8 (2·7–5·2)	4·6 (3·2–6·4)	5·1 (3·7–7·3)	7·1 (5·1–9·8)
Typhoid and paratyphoid fevers	2·7 (0·3–5·0)	2·5 (0·3–4·6)	2·2 (0·3–4·2)	1·9 (0·2–3·7)	1·7 (0·2–3·2)	1·5 (0·2–2·8)	1·4 (0·2–2·7)
Lower respiratory infections	5·2 (4·2–5·8)	6·1 (5·0–7·0)	7·0 (5·7–8·0)	8·3 (6·8–9·6)	10·4 (8·9–11·9)	13·0 (10·5–15·0)	18·6 (15·5–21·6)
Influenza	1·1 (0·8–1·2)	1·3 (1·1–1·5)	1·6 (1·3–1·8)	2·0 (1·6–2·2)	2·6 (2·2–2·9)	3·2 (2·6–3·7)	4·4 (3·7–5·2)
Pneumococcal pneumonia	1·1 (0·9–1·2)	1·4 (1·2–1·6)	1·8 (1·4–2·1)	2·3 (1·9–2·7)	3·1 (2·6–3·6)	4·1 (3·3–4·7)	5·8 (4·9–6·7)
H influenzae type B pneumonia	1·0 (0·8–1·1)	1·1 (0·9–1·3)	1·3 (1·0–1·4)	1·5 (1·2–1·7)	1·8 (1·5–2·1)	2·2 (1·8–2·5)	2·8 (2·4–3·4)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
Respiratory syncytial virus pneumonia	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·2–0·2)
Other lower respiratory infections	2·0 (1·6–2·3)	2·2 (1·8–2·5)	2·3 (1·9–2·7)	2·6 (2·1–3·0)	2·9 (2·4–3·3)	3·4 (2·7–4·0)	5·3 (4·3–6·2)
Upper respiratory infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Otitis media	<0·05 (0·0–1·4)	<0·05 (0·0–0·9)	<0·05 (0·0–0·8)	<0·05 (0·0–1·0)	<0·05 (0·0–0·9)	<0·05 (0·0–0·9)	<0·05 (0·0–1·1)
Meningitis	2·3 (1·9–2·8)	2·4 (1·9–3·0)	2·4 (1·9–3·0)	2·4 (2·0–3·0)	2·6 (2·1–3·4)	2·9 (2·3–3·6)	3·5 (2·8–4·5)
Pneumococcal meningitis	0·8 (0·6–1·0)	0·9 (0·7–1·1)	0·9 (0·7–1·1)	0·9 (0·7–1·1)	0·9 (0·7–1·3)	1·0 (0·8–1·3)	1·2 (0·9–1·5)
H influenzae type B meningitis	0·3 (0·3–0·4)	0·2 (0·2–0·3)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·2–0·3)
Meningococcal infection	0·5 (0·4–0·6)	0·5 (0·4–0·7)	0·5 (0·4–0·6)	0·5 (0·4–0·6)	0·5 (0·4–0·7)	0·6 (0·5–0·7)	0·7 (0·6–0·8)
Other meningitis	0·7 (0·6–0·8)	0·8 (0·6–1·0)	0·9 (0·7–1·1)	0·9 (0·7–1·1)	1·0 (0·8–1·3)	1·2 (0·9–1·5)	1·4 (1·2–1·8)
Encephalitis	0·7 (0·5–1·1)	0·9 (0·6–1·3)	0·8 (0·5–1·2)	0·8 (0·5–1·3)	0·9 (0·5–1·3)	0·9 (0·6–1·4)	1·2 (0·7–1·8)
Diphtheria	<0·05 (0·0–0·5)	<0·05 (0·0–0·3)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)
Whooping cough	<0·05 (0·0–1·0)	<0·05 (0·0–0·8)	<0·05 (0·0–0·8)	<0·05 (0·0–0·7)	<0·05 (0·0–0·7)	0·1 (0·0–0·3)	0·1 (0·0–0·3)
Tetanus	0·4 (0·0–1·7)	0·4 (0·0–1·7)	0·4 (0·0–1·8)	0·5 (0·0–2·3)	0·7 (0·0–2·8)	0·8 (0·0–3·3)	1·2 (0·0–5·0)
Measles	1·4 (0·4–3·4)	0·7 (0·2–1·9)	0·4 (0·1–1·0)	0·3 (0·1–0·7)	0·2 (0·1–0·5)	0·2 (0·0–0·4)	0·1 (0·0–0·3)
Varicella	<0·05 (0·0–1·3)	<0·05 (0·0–1·4)	0·1 (0·0–0·4)	0·1 (0·0–0·6)	0·1 (0·0–0·5)	0·1 (0·0–0·4)	0·1 (0·0–0·5)
Neglected tropical diseases and malaria	7·8 (5·9–10·6)	8·8 (6·8–11·7)	8·8 (6·5–12·0)	8·8 (6·4–13·1)	9·7 (7·1–13·7)	11·3 (8·5–16·1)	13·8 (10·3–20·4)
Malaria	5·2 (3·6–7·8)	6·0 (4·1–8·7)	5·9 (4·0–9·1)	5·8 (3·7–10·0)	6·4 (4·3–10·7)	7·7 (5·1–12·5)	9·6 (6·5–16·0)
Chagas disease	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·1–0·4)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·2 (0·1–0·5)	0·3 (0·1–0·8)
Leishmaniasis	1·1 (0·6–1·9)	1·1 (0·6–1·7)	0·9 (0·5–1·5)	0·9 (0·5–1·5)	1·0 (0·6–1·7)	1·1 (0·6–1·7)	1·2 (0·7–1·9)
African trypanosomiasis	0·7 (0·2–1·5)	0·9 (0·3–1·9)	1·0 (0·3–2·1)	1·0 (0·3–2·3)	0·9 (0·3–2·0)	0·9 (0·3–1·9)	0·8 (0·2–1·7)
Schistosomiasis	<0·05 (0·0–1·1)	0·1 (0·0–0·3)	0·1 (0·0–0·4)	0·1 (0·0–0·5)	0·1 (0·0–0·9)	0·2 (0·0–1·2)	0·3 (0·0–1·9)
Cysticercosis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)	<0·05 (0·0–0·3)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)
Echinococcosis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)
Dengue	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·2)	0·1 (0·0–0·3)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Both Sexes, 15-19 Years	Both Sexes, 20-24 Years	Both Sexes, 25-29 Years	Both Sexes, 30-34 Years	Both Sexes, 35-39 Years	Both Sexes, 40-44 Years	Both Sexes, 45-49 Years
Rabies	0·5 (0·3–1·0)	0·5 (0·3–1·0)	0·5 (0·3–1·0)	0·5 (0·3–1·1)	0·6 (0·3–1·2)	0·7 (0·4–1·6)	0·9 (0·5–1·7)
Intestinal nematode infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Ascariasis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other neglected tropical diseases	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·4 (0·2–0·7)
Maternal disorders	8·0 (5·6–11·1)	15·2 (12·0–19·1)	16·4 (13·0–20·5)	16·1 (12·9–20·7)	17·0 (13·1–21·9)	12·0 (9·1–15·4)	7·7 (5·1–10·3)
Maternal hemorrhage	1·3 (0·9–1·8)	2·9 (2·3–3·6)	3·7 (3·0–4·6)	4·2 (3·4–5·4)	4·7 (3·6–6·0)	3·5 (2·7–4·4)	2·4 (1·6–3·2)
Maternal sepsis	1·0 (0·6–1·4)	1·8 (1·3–2·3)	1·6 (1·2–2·1)	1·4 (1·0–1·8)	1·3 (0·9–1·8)	0·8 (0·6–1·1)	0·4 (0·3–0·6)
Hypertensive disorders of pregnancy	2·3 (1·6–3·3)	3·3 (2·5–4·2)	3·2 (2·4–4·0)	2·8 (2·2–3·6)	2·8 (2·1–3·7)	1·8 (1·4–2·5)	1·1 (0·7–1·5)
Obstructed labor	0·3 (0·2–0·5)	1·0 (0·7–1·3)	0·9 (0·6–1·2)	0·8 (0·5–1·1)	0·9 (0·6–1·3)	0·6 (0·4–0·9)	0·3 (0·2–0·5)
Abortion	1·3 (0·9–1·9)	2·6 (2·0–3·4)	2·6 (2·0–3·4)	2·5 (1·9–3·4)	2·5 (1·8–3·4)	1·6 (1·2–2·2)	0·9 (0·6–1·2)
Other maternal disorders	1·7 (1·3–2·2)	3·7 (3·0–4·5)	4·3 (3·5–5·3)	4·4 (3·6–5·5)	4·7 (3·7–5·9)	3·6 (2·7–4·3)	2·6 (1·7–3·3)
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	3·1 (2·2–4·7)	3·5 (2·5–5·3)	3·5 (2·6–5·0)	3·9 (2·9–5·5)	4·8 (3·6–6·8)	5·8 (4·4–8·3)	7·5 (5·6–10·5)
Protein-energy malnutrition	2·5 (1·6–4·1)	2·9 (1·9–4·5)	2·9 (2·0–4·3)	3·2 (2·3–4·7)	4·0 (2·9–5·8)	4·9 (3·4–7·3)	6·4 (4·5–9·1)
Iodine deficiency	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Iron-deficiency anemia	0·5 (0·4–0·7)	0·6 (0·5–0·8)	0·6 (0·5–0·8)	0·6 (0·5–0·8)	0·7 (0·6–0·9)	0·8 (0·6–1·0)	1·0 (0·8–1·2)
Other nutritional deficiencies	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)
Other communicable, maternal, neonatal, and nutritional disorders	2·8 (2·3–3·2)	3·5 (2·9–4·1)	3·8 (3·2–4·4)	4·4 (3·6–5·1)	5·4 (4·4–6·3)	6·6 (5·7–7·5)	8·8 (7·5–10·3)
Sexually transmitted diseases excluding HIV	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·4 (0·2–0·6)
Syphilis	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·4)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Both Sexes, 15-19 Years	Both Sexes, 20-24 Years	Both Sexes, 25-29 Years	Both Sexes, 30-34 Years	Both Sexes, 35-39 Years	Both Sexes, 40-44 Years	Both Sexes, 45-49 Years
Sexually transmitted chlamydial diseases	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·2)	<0·05 (0·1–0·3)	<0·05 (0·1–0·2)	<0·05 (0·1–0·2)
Gonococcal infection	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)
Other sexually transmitted diseases	<0·05 (0·1–0·4)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·2)
Hepatitis	1·6 (1·3–1·9)	2·1 (1·8–2·6)	2·2 (1·9–2·6)	2·5 (2·1–3·0)	3·1 (2·6–3·7)	4·2 (3·5–5·0)	5·6 (4·6–6·8)
Acute hepatitis A	0·4 (0·2–0·8)	0·5 (0·2–1·1)	0·7 (0·3–1·3)	0·9 (0·4–1·8)	1·2 (0·5–2·4)	1·9 (0·9–3·5)	2·5 (1·0–5·1)
Acute hepatitis B	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·5 (0·3–0·7)	0·7 (0·4–1·1)	1·2 (0·7–1·7)	1·8 (1·1–2·5)	2·7 (1·6–3·9)
Acute hepatitis C	<0·05 (0·0–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·3)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·5)
Acute hepatitis E	1·0 (0·6–1·6)	1·2 (0·7–1·9)	1·0 (0·6–1·7)	0·8 (0·4–1·4)	0·6 (0·3–1·1)	0·3 (0·1–0·7)	0·1 (0·0–0·2)
Other infectious diseases	1·0 (0·7–1·3)	1·2 (0·8–1·6)	1·3 (0·8–1·8)	1·6 (1·0–2·1)	1·9 (1·2–2·5)	2·0 (1·3–2·7)	2·8 (1·9–3·8)
Non-communicable diseases	32·7 (30·1–35·0)	44·6 (41·5–47·3)	57·4 (53·4–60·6)	85·5 (79·9–89·8)	138·8 (130·3–145·8)	228·1 (215·9–239·5)	379·3 (358·0–396·8)
Neoplasms	7·7 (6·5–8·6)	9·7 (8·3–10·7)	13·5 (11·6–15·0)	23·4 (20·2–25·4)	42·0 (37·4–45·7)	73·4 (65·7–79·5)	126·2 (113·8–135·6)
Esophageal cancer	<0·05 (0·1–0·4)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·5 (0·3–0·7)	1·3 (0·8–1·8)	3·4 (2·3–5·0)	7·4 (5·2–10·1)
Stomach cancer	0·3 (0·1–0·5)	0·7 (0·4–1·0)	1·4 (0·9–1·8)	3·0 (2·1–3·9)	5·4 (3·9–7·5)	9·2 (6·9–12·2)	15·7 (11·8–21·1)
Liver cancer	0·4 (0·3–0·7)	0·8 (0·5–1·2)	1·5 (0·9–2·1)	3·1 (1·9–4·0)	6·2 (4·2–7·9)	9·7 (6·6–12·1)	15·5 (11·1–18·5)
Liver cancer secondary to hepatitis B	0·2 (0·1–0·3)	0·4 (0·2–0·5)	0·7 (0·4–1·0)	1·5 (0·9–2·0)	3·0 (2·0–3·9)	4·8 (3·2–6·1)	7·7 (5·2–9·3)
Liver cancer secondary to hepatitis C	<0·05 (0·1–0·05)	<0·05 (0·1–0·3)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·4 (0·3–0·5)	1·0 (0·7–1·2)	2·3 (1·7–2·7)
Liver cancer secondary to alcohol use	<0·05 (0·1–0·05)	0·1 (0·1–0·2)	0·3 (0·2–0·4)	0·7 (0·5–1·0)	1·5 (1·0–2·0)	2·2 (1·5–2·8)	3·3 (2·4–4·0)
Other liver cancer	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·4 (0·3–0·6)	0·8 (0·5–1·0)	1·3 (0·9–1·6)	1·7 (1·2–2·2)	2·2 (1·7–2·7)
Larynx cancer	<0·05 (0·0–0·05)	<0·05 (0·1–0·3)	<0·05 (0·1–0·3)	0·1 (0·0–0·2)	0·3 (0·1–0·5)	0·9 (0·4–1·5)	2·0 (1·0–3·5)
Trachea, bronchus and lung cancers	0·2 (0·1–0·2)	0·4 (0·3–0·5)	0·7 (0·5–0·9)	1·6 (1·2–2·1)	3·7 (2·7–4·9)	8·7 (6·5–11·2)	18·1 (13·5–23·0)
Breast cancer	<0·05 (0·2–0·05)	0·1 (0·1–0·1)	0·5 (0·4–0·5)	1·7 (1·6–1·9)	4·1 (3·8–4·3)	7·4 (7·1–7·8)	11·1 (10·6–11·7)
Cervical cancer	<0·05 (0·1–0·4)	0·2 (0·1–0·2)	0·5 (0·3–0·7)	1·2 (0·8–1·8)	2·6 (1·7–3·9)	4·7 (3·0–6·8)	8·1 (4·9–11·7)
Uterine cancer	<0·05 (0·1–0·3)	<0·05 (0·1–0·05)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·2 (0·1–0·3)	0·4 (0·2–0·6)	0·7 (0·4–1·2)
Prostate cancer	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·1–0·2)	0·1 (0·0–0·1)	0·2 (0·1–0·4)

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	0·2	0·5	0·9	1·6	2·7	4·4	7·7
Colon and rectum cancers	(0·1–0·2)	(0·3–0·5)	(0·6–1·0)	(1·2–1·9)	(2·0–3·0)	(3·5–4·9)	(6·1–8·5)
	0·1	0·1	0·2	0·3	0·7	1·4	2·7
Mouth cancer	(0·0–0·1)	(0·1–0·1)	(0·1–0·3)	(0·2–0·4)	(0·5–0·8)	(1·0–1·6)	(2·1–3·1)
	0·1	0·2	0·2	0·4	0·8	1·3	2·1
Nasopharynx cancer	(0·1–0·2)	(0·1–0·3)	(0·1–0·3)	(0·2–0·6)	(0·5–1·2)	(0·8–1·9)	(1·2–3·1)
	0·1	0·1	0·2	0·4	0·6	1·2	2·2
Cancer of other part of pharynx and oropharynx	(0·0–0·2)	(0·0–0·2)	(0·1–0·5)	(0·1–0·8)	(0·3–1·0)	(0·6–1·8)	(1·2–3·1)
	0·1	0·1	0·1	0·2	0·4	0·7	1·4
Gallbladder and biliary tract cancer	(0·0–0·2)	(0·0–0·2)	(0·0–0·5)	(0·1–0·6)	(0·2–0·7)	(0·5–1·3)	(0·9–2·0)
	0·1	0·1	0·1	0·3	0·7	1·5	3·0
Pancreatic cancer	(0·0–0·1)	(0·0–0·2)	(0·1–0·2)	(0·2–0·5)	(0·4–0·9)	(1·0–1·9)	(2·2–4·0)
	<0·05	0·1	0·1	0·2	0·4	0·6	0·9
Malignant melanoma of skin	(0·1–0·3)	(0·0–0·1)	(0·1–0·2)	(0·1–0·4)	(0·2–0·6)	(0·4–0·9)	(0·5–1·2)
	<0·05	<0·05	0·1	0·1	0·1	0·2	0·3
Non-melanoma skin cancer	(0·1–0·05)	(0·1–0·05)	(0·0–0·1)	(0·0–0·1)	(0·1–0·2)	(0·1–0·3)	(0·2–0·5)
	0·2	0·2	0·3	0·4	0·9	1·8	3·5
Ovarian cancer	(0·1–0·2)	(0·1–0·3)	(0·2–0·4)	(0·3–0·6)	(0·6–1·2)	(1·2–2·2)	(2·4–4·3)
	0·1	0·1	0·2	0·2	0·2	0·2	0·2
Testicular cancer	(0·0–0·1)	(0·1–0·2)	(0·1–0·3)	(0·1–0·3)	(0·1–0·3)	(0·1–0·2)	(0·1–0·2)
	0·1	0·1	0·1	0·1	0·3	0·7	1·4
Kidney and other urinary organ cancers	(0·0–0·2)	(0·0–0·2)	(0·1–0·2)	(0·1–0·2)	(0·2–0·5)	(0·5–1·0)	(1·0–1·9)
	<0·05	0·1	0·1	0·2	0·3	0·6	1·2
Bladder cancer	(0·1–0·05)	(0·0–0·1)	(0·1–0·1)	(0·1–0·2)	(0·2–0·4)	(0·4–0·7)	(0·9–1·3)
	0·5	0·6	0·8	1·3	1·9	2·6	3·8
Brain and nervous system cancers	(0·3–0·7)	(0·4–0·8)	(0·5–1·1)	(0·8–1·7)	(1·2–2·6)	(1·7–3·6)	(2·5–5·5)
	<0·05	<0·05	<0·05	0·1	0·1	0·2	0·4
Thyroid cancer	(0·1–0·3)	(0·1–0·3)	(0·2–0·3)	(0·1–0·1)	(0·1–0·2)	(0·2–0·3)	(0·3–0·5)
	0·1	0·2	0·3	0·3	0·3	0·4	0·5
Hodgkin's disease	(0·1–0·2)	(0·1–0·3)	(0·2–0·4)	(0·2–0·5)	(0·2–0·5)	(0·2–0·5)	(0·3–0·7)
	0·7	0·8	0·8	1·0	1·2	1·8	2·7
Non-Hodgkin's lymphoma	(0·5–1·0)	(0·6–1·0)	(0·6–1·0)	(0·7–1·2)	(0·9–1·4)	(1·4–2·1)	(2·2–3·2)
	0·1	0·1	0·1	0·1	0·1	0·3	0·6
Multiple myeloma	(0·0–0·1)	(0·0–0·1)	(0·0–0·1)	(0·0–0·1)	(0·1–0·2)	(0·2–0·5)	(0·4–0·8)
	2·4	2·3	2·1	2·3	2·7	3·2	3·9
Leukemia	(1·9–3·1)	(1·7–2·9)	(1·6–2·6)	(1·7–2·9)	(2·0–3·4)	(2·3–4·0)	(2·9–4·8)
	1·8	1·8	1·9	2·6	3·9	5·9	9·1
Other neoplasms	(1·2–2·3)	(1·2–2·3)	(1·3–2·5)	(1·7–3·4)	(2·6–5·2)	(4·0–7·8)	(6·4–11·7)
	7·7	12·3	16·3	25·7	42·5	76·1	130·5
Cardiovascular and circulatory diseases	(6·7–8·5)	(11·0–13·5)	(14·7–17·9)	(23·0–27·9)	(38·6–46·9)	(69·4–84·1)	(119·3–141·9)
	1·7	2·3	3·0	3·9	5·9	8·3	11·6
Rheumatic heart disease	(1·4–2·0)	(2·0–2·8)	(2·5–3·6)	(3·3–4·7)	(5·1–7·1)	(7·0–9·7)	(10·0–13·6)
	2·2	4·1	5·5	10·1	17·1	33·0	56·3
Ischemic heart disease	(1·9–2·5)	(3·6–4·6)	(4·8–6·0)	(9·0–11·1)	(15·6–19·4)	(30·4–37·1)	(51·7–63·1)
	1·9	3·1	4·2	6·7	11·8	22·6	43·2
Cerebrovascular disease	(1·6–2·2)	(2·7–3·7)	(3·7–4·9)	(5·9–7·9)	(10·6–14·1)	(20·5–27·3)	(38·8–51·1)
	0·3	0·4	0·6	1·0	1·4	3·0	6·6
Ischemic stroke	(0·2–0·3)	(0·4–0·6)	(0·5–0·7)	(0·8–1·2)	(1·2–1·8)	(2·6–3·9)	(5·6–8·7)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Both Sexes, 15-19 Years	Both Sexes, 20-24 Years	Both Sexes, 25-29 Years	Both Sexes, 30-34 Years	Both Sexes, 35-39 Years	Both Sexes, 40-44 Years	Both Sexes, 45-49 Years
Hemorrhagic and other non-ischemic stroke	1·6 (1·2–2·0)	2·7 (2·1–3·3)	3·6 (2·9–4·4)	5·8 (4·7–6·9)	10·3 (8·5–12·7)	19·6 (16·4–23·8)	36·6 (30·6–44·6)
Hypertensive heart disease	0·2 (0·2–0·3)	0·4 (0·3–0·5)	0·6 (0·5–0·7)	0·9 (0·7–1·2)	1·8 (1·4–2·3)	3·4 (2·7–4·3)	6·4 (5·2–8·2)
Cardiomyopathy and myocarditis	0·8 (0·5–1·1)	1·0 (0·7–1·4)	1·3 (1·0–1·7)	1·8 (1·4–2·2)	2·6 (2·2–3·1)	4·3 (3·4–5·1)	6·0 (5·0–6·9)
Atrial fibrillation and flutter	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·2)
Aortic aneurysm	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·4)	0·4 (0·2–0·7)	0·7 (0·4–1·2)	1·2 (0·7–2·0)
Peripheral vascular disease	–	–	–	–	–	0·1 (0·0–0·1)	0·1 (0·1–0·2)
Endocarditis	0·2 (0·1–0·2)	0·3 (0·2–0·3)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·5 (0·3–0·8)	0·6 (0·4–0·9)	0·6 (0·5–0·8)
Other cardiovascular and circulatory diseases	0·7 (0·6–0·8)	0·9 (0·8–1·1)	1·2 (1·0–1·4)	1·6 (1·4–1·8)	2·3 (2·0–2·7)	3·2 (2·9–3·6)	5·0 (4·5–5·5)
Chronic respiratory diseases	2·4 (2·2–2·6)	3·4 (3·1–3·7)	4·7 (4·4–5·0)	6·2 (5·8–6·6)	11·3 (10·4–12·2)	17·9 (16·6–19·3)	34·5 (31·5–37·6)
Chronic obstructive pulmonary disease	0·9 (0·7–1·1)	1·4 (1·1–1·7)	2·0 (1·5–2·4)	2·9 (2·3–3·5)	6·0 (4·9–7·2)	10·7 (9·0–12·6)	22·1 (18·7–26·1)
Pneumoconiosis	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·2 (0·1–0·4)	0·3 (0·1–0·6)	0·5 (0·2–1·1)	0·9 (0·4–1·7)	1·6 (0·6–3·3)
Asthma	0·8 (0·5–1·3)	1·1 (0·7–1·6)	1·4 (0·9–2·4)	1·7 (1·1–2·7)	2·7 (1·8–4·6)	3·8 (2·4–6·2)	6·8 (4·4–12·0)
Other interstitial lung disease	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·5 (0·3–0·7)	0·8 (0·5–1·3)
Other chronic respiratory diseases	0·5 (0·4–0·8)	0·7 (0·5–1·2)	1·0 (0·6–1·6)	1·1 (0·8–1·8)	1·7 (1·1–2·6)	2·1 (1·4–3·2)	3·2 (2·1–5·0)
Cirrhosis of the liver	0·9 (0·7–1·1)	1·7 (1·3–2·1)	3·0 (2·3–3·5)	6·2 (4·9–7·2)	11·1 (8·8–13·2)	18·5 (15·0–21·1)	27·6 (22·7–32·9)
Cirrhosis of the liver secondary to hepatitis B	0·2 (0·2–0·3)	0·5 (0·3–0·6)	0·8 (0·6–0·9)	1·5 (1·1–1·8)	2·8 (2·2–3·4)	5·1 (4·0–5·9)	8·2 (6·6–9·9)
Cirrhosis of the liver secondary to hepatitis C	0·1 (0·1–0·2)	0·2 (0·2–0·3)	0·4 (0·3–0·5)	0·9 (0·7–1·0)	1·7 (1·4–2·1)	3·5 (2·9–4·0)	6·0 (5·1–7·2)
Cirrhosis of the liver secondary to alcohol use	0·1 (0·0–0·1)	0·3 (0·2–0·4)	0·8 (0·6–1·0)	2·1 (1·6–2·5)	4·0 (3·0–4·9)	6·2 (4·9–7·4)	8·7 (6·9–11·1)
Other cirrhosis of the liver	0·5 (0·3–0·5)	0·7 (0·5–0·8)	1·0 (0·8–1·1)	1·7 (1·3–1·9)	2·6 (2·1–3·0)	3·7 (3·0–4·2)	4·6 (3·8–5·5)
Digestive diseases (except cirrhosis)	3·0 (2·5–3·4)	4·2 (3·5–4·8)	5·0 (4·3–5·7)	6·8 (5·8–7·8)	9·4 (8·0–10·7)	12·8 (10·9–14·8)	18·6 (15·9–21·5)
Peptic ulcer disease	1·2 (0·9–1·4)	1·6 (1·3–1·9)	2·0 (1·5–2·4)	2·7 (2·1–3·1)	3·7 (2·8–4·3)	5·1 (4·1–6·0)	7·6 (5·9–8·8)
Gastritis and duodenitis	<0·05 (0·1–0·3)	0·1 (0·0–0·2)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·4)
Appendicitis	0·2 (0·2–0·4)	0·3 (0·2–0·4)	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·4 (0·2–0·6)	0·5 (0·3–0·7)	0·6 (0·4–1·0)
Paralytic ileus and intestinal obstruction without hernia	0·4 (0·2–0·5)	0·5 (0·3–0·7)	0·6 (0·3–0·8)	0·7 (0·4–1·0)	1·0 (0·6–1·5)	1·3 (0·8–1·9)	1·9 (1·1–2·6)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Both Sexes, 15-19 Years	Both Sexes, 20-24 Years	Both Sexes, 25-29 Years	Both Sexes, 30-34 Years	Both Sexes, 35-39 Years	Both Sexes, 40-44 Years	Both Sexes, 45-49 Years
Inguinal or femoral hernia	<0·05 (0·2–0·05)	<0·05 (0·2–0·2)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·2 (0·2–0·2)	0·3 (0·3–0·3)
Noninfective inflammatory bowel disease	0·1 (0·0–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·2–0·3)	0·3 (0·2–0·4)	0·4 (0·3–0·5)
Vascular disorders of intestine	<0·05 (0·1–0·3)	<0·05 (0·1–0·4)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·2 (0·1–0·5)	0·4 (0·2–0·9)
Gall bladder and bile duct disease	0·2 (0·1–0·3)	0·2 (0·2–0·4)	0·3 (0·2–0·4)	0·4 (0·3–0·6)	0·5 (0·4–0·8)	0·8 (0·5–1·1)	1·0 (0·8–1·4)
Pancreatitis	0·1 (0·1–0·2)	0·2 (0·2–0·3)	0·4 (0·3–0·5)	0·6 (0·4–0·9)	0·9 (0·6–1·2)	1·2 (0·8–1·6)	1·4 (1·0–1·9)
Other digestive diseases	0·7 (0·5–1·0)	1·0 (0·7–1·4)	1·1 (0·8–1·5)	1·5 (1·1–2·1)	2·2 (1·5–2·9)	3·1 (2·2–4·2)	4·7 (3·4–6·4)
Neurological disorders	3·5 (2·5–4·5)	4·1 (3·0–5·2)	4·0 (3·0–5·0)	4·5 (3·3–5·8)	5·5 (4·1–7·1)	6·8 (5·1–8·5)	9·2 (6·6–12·2)
Alzheimer's disease and other dementias	0·2 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·3 (0·2–0·5)	0·4 (0·2–0·7)	0·5 (0·3–0·8)
Parkinson's disease	–	0·1 (0·0–0·1)	<0·05 (0·1–0·3)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·2)
Epilepsy	1·7 (1·2–2·1)	2·1 (1·5–2·6)	2·2 (1·5–2·7)	2·2 (1·5–2·6)	2·3 (1·7–2·8)	2·4 (1·7–2·9)	2·6 (1·7–3·2)
Multiple sclerosis	–	<0·05 (0·1–0·4)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·4 (0·2–0·5)	0·5 (0·3–0·7)	0·7 (0·5–1·0)
Other neurological disorders	1·7 (1·0–2·6)	1·7 (1·0–2·8)	1·6 (1·0–2·5)	1·9 (1·2–3·1)	2·4 (1·5–3·9)	3·4 (2·1–5·2)	5·2 (3·2–8·2)
Mental and behavioral disorders	0·4 (0·2–0·6)	1·0 (0·6–1·6)	2·0 (1·3–2·8)	2·7 (1·7–3·7)	3·8 (2·4–5·4)	4·8 (3·0–6·8)	5·4 (3·3–7·8)
Schizophrenia	–	–	0·4 (0·2–0·7)	0·4 (0·2–0·7)	0·7 (0·4–1·2)	0·8 (0·4–1·3)	0·7 (0·4–1·0)
Alcohol use disorders	0·1 (0·0–0·1)	0·2 (0·1–0·4)	0·5 (0·2–0·8)	1·2 (0·5–1·9)	2·1 (1·0–3·3)	3·1 (1·5–4·7)	3·9 (2·0–6·0)
Drug use disorders	0·2 (0·1–0·5)	0·6 (0·3–1·2)	0·9 (0·4–1·7)	0·9 (0·5–2·0)	0·8 (0·4–1·8)	0·7 (0·4–1·7)	0·6 (0·3–1·2)
Opioid use disorders	0·1 (0·0–0·2)	0·2 (0·1–0·4)	0·3 (0·2–0·6)	0·3 (0·2–0·6)	0·2 (0·1–0·5)	0·2 (0·1–0·5)	0·2 (0·1–0·3)
Cocaine use disorders	<0·05 (0·0–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·3)	<0·05 (0·1–0·4)	<0·05 (0·1–0·4)	<0·05 (0·1–0·3)	<0·05 (0·0–0·2)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·1 (0·1–0·3)	0·3 (0·2–0·7)	0·5 (0·3–1·0)	0·5 (0·3–1·2)	0·5 (0·3–1·1)	0·5 (0·2–1·1)	0·4 (0·2–0·7)
Eating disorders	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other mental and behavioral disorders	<0·05 (0·1–0·4)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·4)
Diabetes, urogenital, blood, and endocrine diseases	4·5 (3·6–6·2)	5·8 (4·9–7·6)	6·5 (5·5–8·3)	7·9 (6·8–10·2)	10·6 (9·1–13·8)	14·5 (12·6–18·7)	23·1 (20·5–28·6)
Diabetes mellitus	0·7 (0·5–0·8)	1·1 (0·8–1·3)	1·5 (1·2–1·6)	2·1 (1·8–2·4)	3·2 (2·7–3·6)	5·1 (4·5–5·9)	9·5 (8·4–11·2)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
Acute glomerulonephritis	1·1 (0·3–2·7)	1·0 (0·4–2·8)	1·1 (0·4–3·0)	1·2 (0·5–3·5)	1·6 (0·5–4·9)	2·0 (0·6–6·1)	2·5 (0·8–8·0)
Chronic kidney diseases	1·2 (0·9–1·4)	1·8 (1·5–2·3)	2·0 (1·7–2·4)	2·5 (2·1–3·0)	3·6 (3·0–4·3)	4·6 (3·9–5·6)	7·2 (6·1–8·5)
Chronic kidney disease due to diabetes mellitus	<0·05 (0·0–0·05)	0·1 (0·1–0·1)	0·2 (0·1–0·2)	0·3 (0·2–0·4)	0·6 (0·4–0·7)	0·9 (0·7–1·1)	1·7 (1·4–2·0)
Chronic kidney disease due to hypertension	0·2 (0·1–0·2)	0·3 (0·3–0·4)	0·4 (0·3–0·5)	0·5 (0·4–0·6)	0·8 (0·7–1·0)	1·1 (0·9–1·4)	1·7 (1·4–2·0)
Chronic kidney disease unspecified	1·0 (0·8–1·2)	1·4 (1·1–1·8)	1·5 (1·2–1·7)	1·7 (1·4–2·0)	2·2 (1·8–2·7)	2·6 (2·2–3·2)	3·8 (3·2–4·5)
Urinary diseases and male infertility	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·4 (0·3–0·5)	0·5 (0·3–0·7)	0·8 (0·5–1·0)	1·0 (0·7–1·3)	1·6 (1·0–2·1)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·4 (0·2–0·5)	0·5 (0·3–0·7)	0·8 (0·5–1·1)
Urolithiasis	<0·05 (0·1–0·05)	<0·05 (0·1–0·4)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·5)
Other urinary diseases	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·5 (0·3–0·7)
Gynecological diseases	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·1–0·3)	0·2 (0·1–0·4)	0·1 (0·1–0·3)
Uterine fibroids	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Endometriosis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Genital prolapse	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other gynecological diseases	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·1–0·3)	0·2 (0·1–0·4)	0·1 (0·1–0·3)
Hemoglobinopathies and hemolytic anemias	1·0 (0·6–1·5)	1·0 (0·7–1·7)	0·9 (0·6–1·5)	0·8 (0·5–1·4)	0·8 (0·5–1·4)	0·8 (0·5–1·4)	1·0 (0·7–1·7)
Thalassemias	0·5 (0·3–0·8)	0·5 (0·3–0·8)	0·4 (0·3–0·7)	0·4 (0·2–0·6)	0·3 (0·2–0·6)	0·3 (0·2–0·5)	0·3 (0·2–0·5)
Sickle cell disorders	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)
G6PD deficiency	<0·05 (0·1–0·3)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·1)	<0·05 (0·1–0·1)
Other hemoglobinopathies and hemolytic anemias	0·2 (0·1–0·5)	0·3 (0·1–0·6)	0·3 (0·1–0·5)	0·2 (0·1–0·5)	0·2 (0·1–0·5)	0·3 (0·1–0·6)	0·4 (0·1–0·7)
Other endocrine, nutritional, blood, and immune disorders	0·3 (0·1–0·6)	0·4 (0·2–0·7)	0·5 (0·2–0·8)	0·5 (0·2–0·8)	0·6 (0·3–0·9)	0·8 (0·4–1·2)	1·1 (0·5–1·6)
Musculoskeletal disorders	0·3 (0·2–0·5)	0·5 (0·3–0·7)	0·5 (0·3–0·6)	0·5 (0·3–0·7)	0·7 (0·4–1·0)	0·8 (0·6–1·1)	1·1 (0·7–1·5)
Rheumatoid arthritis	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·5 (0·3–0·7)
Other musculoskeletal disorders	0·3 (0·2–0·4)	0·4 (0·2–0·5)	0·4 (0·2–0·5)	0·4 (0·2–0·5)	0·5 (0·3–0·7)	0·5 (0·4–0·7)	0·7 (0·4–0·9)
Other non-communicable diseases	2·3 (1·9–2·8)	2·1 (1·7–2·6)	2·1 (1·7–2·6)	1·5 (1·3–1·8)	2·0 (1·6–2·4)	2·3 (1·8–2·9)	3·0 (2·4–3·7)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Both Sexes, 15-19 Years	Both Sexes, 20-24 Years	Both Sexes, 25-29 Years	Both Sexes, 30-34 Years	Both Sexes, 35-39 Years	Both Sexes, 40-44 Years	Both Sexes, 45-49 Years
Congenital anomalies	1·9 (1·5–2·5)	1·6 (1·3–2·1)	1·6 (1·3–2·1)	0·9 (0·8–1·2)	1·1 (0·9–1·4)	1·1 (0·9–1·5)	1·5 (1·2–2·1)
Neural tube defects	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·2 (0·1–0·4)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·1–0·3)	0·2 (0·1–0·3)
Congenital heart anomalies	1·3 (0·9–1·6)	1·1 (0·8–1·4)	0·9 (0·7–1·2)	0·6 (0·4–0·7)	0·6 (0·5–0·8)	0·5 (0·4–0·6)	0·6 (0·5–0·8)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)
Other chromosomal abnormalities	<0·05 (0·1–0·5)	<0·05 (0·1–0·5)	0·1 (0·0–0·1)	<0·05 (0·1–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)
Other congenital anomalies	0·3 (0·2–0·5)	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·6 (0·4–0·9)
Skin and subcutaneous diseases	0·4 (0·3–0·6)	0·5 (0·3–0·6)	0·5 (0·4–0·7)	0·6 (0·4–0·8)	0·9 (0·6–1·3)	1·2 (0·8–1·7)	1·5 (1·0–2·0)
Cellulitis	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·4 (0·3–0·6)	0·5 (0·4–0·7)
Abscess, impetigo, and other bacterial skin diseases	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·2–0·3)	0·4 (0·3–0·5)	0·5 (0·3–0·7)	0·6 (0·4–0·8)
Decubitus ulcer	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·4 (0·3–0·5)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	58·3 (54·2–64·7)	80·4 (74·3–89·9)	78·8 (72·5–87·1)	77·3 (70·7–86·6)	80·2 (72·5–92·9)	81·4 (73·9–93·5)	86·4 (78·4–98·1)
Transport injuries	16·1 (13·4–20·0)	22·1 (18·0–28·3)	21·5 (16·9–26·9)	19·9 (15·3–25·5)	20·9 (15·5–27·3)	20·9 (15·5–26·3)	22·5 (16·9–28·2)
Road injury	15·4 (13·2–19·0)	20·9 (17·5–27·3)	20·4 (16·6–25·8)	18·8 (14·8–24·5)	19·8 (15·2–25·1)	19·7 (14·9–25·9)	21·4 (16·7–28·3)
Pedestrian injury by road vehicle	4·0 (2·8–5·2)	5·3 (3·4–7·3)	5·6 (3·8–7·4)	5·5 (3·5–7·2)	5·9 (3·9–7·8)	6·1 (3·8–8·1)	6·5 (4·4–8·7)
Pedal cycle vehicle	0·9 (0·7–1·2)	1·0 (0·7–1·3)	1·0 (0·7–1·3)	0·9 (0·6–1·2)	1·0 (0·7–1·3)	1·0 (0·7–1·4)	1·3 (0·9–1·8)
Motorized vehicle with two wheels	3·0 (2·3–3·7)	4·2 (3·0–5·5)	3·7 (2·7–4·9)	3·0 (2·1–4·0)	3·2 (2·1–4·8)	2·9 (2·0–4·3)	3·2 (2·0–4·9)
Motorized vehicle with three or more wheels	5·8 (4·6–7·3)	8·5 (6·6–10·7)	8·1 (6·4–10·4)	7·4 (5·6–9·4)	7·5 (5·6–9·8)	7·4 (5·6–9·7)	7·9 (5·8–9·8)
Road injury other	1·6 (0·6–3·5)	1·9 (0·8–5·4)	2·1 (0·8–5·2)	2·0 (0·8–5·3)	2·2 (0·8–5·5)	2·2 (0·8–5·8)	2·4 (0·9–5·9)
Other transport injury	0·7 (0·5–1·1)	1·1 (0·8–1·5)	1·1 (0·8–1·6)	1·1 (0·8–1·6)	1·1 (0·8–1·5)	1·1 (0·9–1·7)	1·2 (0·9–1·6)
Unintentional injuries other than transport injuries	23·8 (21·3–27·2)	29·7 (26·6–34·5)	28·2 (25·1–33·1)	28·5 (25·5–33·9)	30·5 (26·6–37·6)	31·8 (28·2–38·4)	34·2 (30·7–41·0)
Falls	1·9 (1·5–2·5)	2·8 (2·1–3·8)	3·0 (2·2–4·3)	3·2 (2·6–4·3)	4·0 (3·2–5·6)	4·7 (3·8–6·6)	5·8 (4·8–7·6)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
	7·0	6·0	4·8	4·5	4·5	4·5	4·9
Drowning	(5·6–8·6)	(4·8–7·8)	(3·8–6·2)	(3·7–5·8)	(3·7–5·8)	(3·7–5·8)	(3·9–6·3)
	4·0	5·1	4·9	4·7	4·3	4·5	3·8
Fire, heat and hot substances	(2·8–5·6)	(3·5–7·2)	(3·4–6·9)	(3·5–6·3)	(3·2–6·0)	(3·3–6·0)	(2·8–5·3)
	2·4	3·7	3·8	4·1	4·5	4·8	4·7
Poisonings	(1·8–3·6)	(2·6–6·1)	(2·8–6·3)	(3·1–7·2)	(3·2–8·1)	(3·4–8·6)	(3·5–8·2)
	3·9	5·5	5·5	5·8	6·4	6·2	6·7
Exposure to mechanical forces	(2·5–6·0)	(3·7–8·3)	(3·7–8·7)	(4·0–9·1)	(4·3–11·0)	(4·3–10·3)	(4·6–10·8)
	2·4	3·1	2·7	2·7	3·0	2·7	2·9
Mechanical forces (firearm)	(1·3–4·0)	(1·8–4·9)	(1·6–4·7)	(1·6–4·6)	(1·5–5·9)	(1·6–4·7)	(1·6–5·1)
	1·5	2·4	2·9	3·1	3·4	3·5	3·9
Mechanical forces (other)	(0·9–2·6)	(1·4–3·7)	(1·8–4·4)	(1·9–4·7)	(2·3–5·6)	(2·3–5·7)	(2·5–6·3)
	0·2	0·3	0·3	0·3	0·4	0·5	0·6
Adverse effects of medical treatment	(0·2–0·3)	(0·2–0·4)	(0·3–0·4)	(0·3–0·4)	(0·3–0·5)	(0·4–0·6)	(0·5–0·8)
	0·9	0·9	0·9	0·8	1·0	1·0	1·5
Animal contact	(0·5–1·3)	(0·6–1·3)	(0·5–1·3)	(0·5–1·2)	(0·6–1·4)	(0·7–1·5)	(0·9–2·2)
	0·7	0·7	0·7	0·6	0·7	0·8	1·2
Animal contact (venomous)	(0·3–1·1)	(0·4–1·2)	(0·3–1·1)	(0·3–1·0)	(0·4–1·3)	(0·4–1·3)	(0·5–1·9)
	0·2	0·2	0·2	0·2	0·2	0·2	0·3
Animal contact (non-venomous)	(0·1–0·3)	(0·1–0·3)	(0·1–0·3)	(0·1–0·3)	(0·1–0·4)	(0·1–0·4)	(0·2–0·5)
	3·5	5·4	5·1	5·1	5·4	5·6	6·1
Unintentional injuries not classified elsewhere	(2·5–4·2)	(3·7–6·4)	(4·0–5·9)	(4·0–5·8)	(4·2–6·3)	(4·3–6·3)	(5·1–7·0)
	17·2	27·2	27·5	27·2	27·0	26·6	27·1
Self-harm and interpersonal violence	(14·2–20·9)	(21·9–32·0)	(22·4–31·8)	(22·2–31·7)	(21·5–33·1)	(22·0–33·6)	(21·8–33·5)
	10·8	16·0	15·4	15·9	16·9	17·9	19·3
Self-harm	(8·3–14·4)	(11·3–20·4)	(11·2–19·7)	(11·9–20·2)	(12·4–21·8)	(13·8–24·4)	(14·6–25·6)
	6·4	11·3	12·1	11·3	10·1	8·8	7·7
Interpersonal violence	(4·6–7·8)	(8·1–13·7)	(8·7–14·9)	(7·9–14·0)	(6·9–12·9)	(6·0–11·4)	(5·1–10·1)
	3·0	5·3	5·8	5·2	4·4	3·7	3·2
Assault by firearm	(2·3–4·0)	(4·3–6·8)	(4·5–7·4)	(3·8–7·0)	(3·4–6·0)	(2·6–5·0)	(2·2–4·3)
	1·6	3·0	3·2	3·0	2·7	2·3	2·0
Assault by sharp object	(1·0–2·3)	(1·9–4·5)	(2·0–4·7)	(2·0–4·5)	(1·7–4·0)	(1·5–3·6)	(1·3–3·2)
	1·8	3·0	3·2	3·1	3·0	2·7	2·5
Assault by other means	(1·2–2·3)	(2·0–3·9)	(2·1–4·1)	(2·1–4·0)	(2·1–4·0)	(1·8–3·8)	(1·7–3·3)
	1·2	1·5	1·5	1·6	1·8	2·1	2·6
Forces of nature, war, and legal intervention	(0·7–2·3)	(0·9–2·8)	(1·0–2·9)	(1·0–3·0)	(1·2–3·4)	(1·4–3·9)	(1·6–4·8)
	0·4	0·4	0·4	0·5	0·5	0·6	0·8
Exposure to forces of nature	(0·2–0·8)	(0·2–0·9)	(0·2–0·9)	(0·2–1·0)	(0·3–1·1)	(0·3–1·3)	(0·4–1·6)
	0·8	1·1	1·1	1·2	1·3	1·5	1·8
Collective violence and legal intervention	(0·5–1·5)	(0·7–1·8)	(0·7–2·0)	(0·7–2·0)	(0·8–2·2)	(1·0–2·6)	(1·2–3·1)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
All causes	901·7 (860·5–946·9)	1,311·3 (1,257·7–1,370·1)	2,010·6 (1,936·3–2,091·1)	2,922·0 (2,829·4–3,018·8)	4,460·2 (4,327·8–4,609·7)	6,651·5 (6,503·5–6,827·8)	13,308·1 (13,111·7–13,555·5)
Communicable, maternal, neonatal, and nutritional disorders	155·8 (139·0–174·6)	202·8 (183·0–228·6)	269·9 (243·2–304·3)	348·7 (319·0–388·2)	507·4 (464·9–559·6)	657·9 (610·3–720·1)	1,368·7 (1,277·5–1,494·0)
HIV/AIDS and tuberculosis	64·5 (52·6–78·3)	80·1 (65·7–95·5)	98·4 (82·3–121·7)	113·9 (97·4–139·6)	141·8 (120·1–174·7)	140·2 (120·5–169·3)	128·5 (108·3–158·9)
Tuberculosis	56·6 (45·9–68·5)	74·9 (62·0–90·4)	95·6 (80·2–118·1)	112·4 (95·3–138·7)	140·7 (119·1–173·5)	140·2 (120·5–169·3)	128·5 (108·3–158·9)
HIV/AIDS	7·9 (4·5–12·9)	5·2 (1·6–10·6)	2·8 (0·9–7·8)	1·6 (0·8–3·9)	1·1 (0·9–1·7)	–	–
HIV disease resulting in mycobacterial infection	1·3 (0·6–2·4)	0·9 (0·1–2·0)	0·4 (0·0–1·5)	0·2 (0·0–0·7)	0·1 (0·0–0·2)	–	–
HIV disease resulting in other specified or unspecified diseases	6·6 (3·9–10·5)	4·3 (1·4–8·6)	2·4 (0·8–6·3)	1·4 (0·8–3·2)	1·0 (0·8–1·5)	–	–
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	55·3 (48·8–64·3)	73·2 (64·3–85·2)	108·3 (96·0–124·6)	157·4 (140·5–178·8)	259·1 (231·9–290·1)	393·5 (353·4–439·5)	1,029·3 (937·7–1,145·1)
Diarrheal diseases	19·5 (15·9–24·3)	26·3 (21·1–33·6)	40·1 (31·8–51·9)	51·5 (40·9–66·1)	71·7 (58·7–88·4)	85·9 (70·9–104·7)	156·7 (131·3–191·2)
Cholera	0·5 (0·4–0·7)	0·5 (0·4–0·8)	0·6 (0·4–0·9)	0·5 (0·3–0·7)	0·4 (0·2–0·6)	0·4 (0·3–0·6)	0·6 (0·4–0·9)
Other salmonella infections	1·3 (0·9–1·8)	1·6 (1·1–2·3)	2·2 (1·4–3·0)	2·4 (1·7–3·6)	3·2 (2·1–4·6)	4·0 (2·8–5·6)	8·0 (5·7–11·2)
Shigellosis	1·8 (1·3–2·4)	2·5 (1·8–3·5)	3·9 (2·8–5·5)	5·2 (3·7–7·4)	7·3 (5·3–10·0)	8·9 (6·5–11·9)	16·4 (12·2–21·9)
Enteropathogenic E coli infection	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·6 (0·4–0·8)	0·8 (0·5–1·3)	1·4 (0·9–2·0)	2·1 (1·5–2·9)	5·2 (3·7–7·4)
Enterotoxigenic E coli infection	2·4 (1·7–3·2)	3·1 (2·2–4·3)	4·6 (3·2–6·3)	5·7 (4·1–7·9)	7·8 (5·8–10·4)	9·0 (6·6–12·3)	15·5 (11·8–20·8)
Campylobacter enteritis	1·0 (0·6–1·4)	1·3 (0·9–1·9)	2·0 (1·3–2·9)	2·5 (1·7–3·8)	3·8 (2·6–5·5)	5·5 (3·8–7·8)	12·9 (8·9–18·0)
Amoebiasis	1·2 (0·8–1·7)	1·7 (1·1–2·5)	2·7 (1·8–3·9)	3·6 (2·5–5·2)	5·2 (3·5–7·5)	6·2 (4·2–8·7)	11·0 (7·5–15·4)
Cryptosporidiosis	0·4 (0·3–0·5)	0·5 (0·3–0·7)	0·8 (0·5–1·1)	1·0 (0·7–1·5)	1·4 (0·9–2·0)	1·6 (1·1–2·3)	2·9 (2·0–4·1)
Rotaviral enteritis	1·7 (1·2–2·3)	2·5 (1·6–3·5)	4·0 (2·7–5·8)	5·6 (3·8–8·1)	8·0 (5·5–11·1)	8·8 (6·1–12·1)	13·6 (9·8–18·6)
Other diarrheal diseases	9·0 (6·2–12·6)	12·2 (8·3–17·1)	18·7 (12·9–26·8)	24·1 (16·7–34·3)	33·3 (24·4–45·5)	39·3 (27·6–54·3)	70·7 (51·9–94·1)
Typhoid and paratyphoid fevers	1·2 (0·1–2·3)	1·1 (0·1–2·1)	0·9 (0·1–1·7)	1·0 (0·1–1·9)	1·6 (0·2–2·9)	1·8 (0·2–3·3)	2·0 (0·2–3·8)
Lower respiratory infections	26·1 (22·2–31·3)	35·2 (30·4–41·6)	56·2 (47·5–65·9)	90·7 (77·3–105·0)	167·7 (143·7–193·1)	283·2 (246·8–326·4)	843·9 (748·9–958·3)
Influenza	6·0 (5·1–7·2)	7·9 (6·8–9·3)	12·1 (10·3–14·4)	18·9 (16·2–22·0)	33·7 (29·0–38·7)	54·6 (47·5–63·0)	150·6 (133·6–171·8)
Pneumococcal pneumonia	8·2 (7·0–9·8)	11·3 (9·8–13·2)	18·3 (15·6–21·4)	30·2 (25·8–35·0)	56·6 (48·4–64·6)	98·5 (86·6–112·9)	314·4 (281·7–359·9)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Both Sexes, 50-54 Years	Both Sexes, 55-59 Years	Both Sexes, 60-64 Years	Both Sexes, 65-69 Years	Both Sexes, 70-74 Years	Both Sexes, 75-79 Years	Both Sexes, 80+ Years
H influenzae type B pneumonia	3·7 (3·2–4·5)	4·6 (4·0–5·6)	6·7 (5·7–8·0)	9·7 (8·4–11·5)	16·1 (13·9–18·9)	23·9 (20·9–27·9)	53·3 (47·7–61·9)
Respiratory syncytial virus pneumonia	0·3 (0·2–0·3)	0·4 (0·3–0·4)	0·6 (0·5–0·7)	0·9 (0·8–1·1)	1·7 (1·4–1·9)	2·8 (2·5–3·3)	8·4 (7·5–9·6)
Other lower respiratory infections	7·8 (6·5–9·5)	11·1 (9·4–13·2)	18·5 (15·4–22·0)	31·0 (26·1–36·4)	59·6 (50·5–68·7)	103·4 (88·5–118·9)	317·1 (280·9–364·1)
Upper respiratory infections	<0·05 (0·0–0·05)	<0·05 (0·1–0·05)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·2 (0·1–0·2)	0·3 (0·2–0·3)	0·7 (0·6–0·7)
Otitis media	0·1 (0·0–0·8)	0·1 (0·0–0·6)	0·1 (0·0–0·8)	0·1 (0·0–0·9)	0·1 (0·0–1·2)	0·1 (0·0–1·4)	0·2 (0·0–2·0)
Meningitis	4·8 (3·7–6·3)	5·7 (4·3–7·7)	7·0 (5·3–9·2)	8·9 (6·8–11·9)	11·5 (8·7–16·2)	14·4 (10·1–21·8)	16·5 (11·5–23·8)
Pneumococcal meningitis	1·6 (1·2–2·1)	1·8 (1·3–2·6)	2·2 (1·6–3·0)	2·6 (1·9–3·7)	3·2 (2·3–4·6)	3·7 (2·5–6·0)	3·4 (2·2–5·5)
H influenzae type B meningitis	0·3 (0·2–0·4)	0·4 (0·3–0·6)	0·6 (0·4–0·8)	0·8 (0·6–1·1)	1·1 (0·8–1·6)	1·5 (1·0–2·4)	1·9 (1·2–3·1)
Meningococcal infection	0·9 (0·7–1·1)	1·0 (0·8–1·3)	1·2 (0·9–1·5)	1·4 (1·1–1·9)	1·7 (1·3–2·2)	2·0 (1·4–2·8)	1·8 (1·2–2·5)
Other meningitis	2·0 (1·6–2·5)	2·5 (1·8–3·3)	3·1 (2·3–4·1)	4·1 (3·1–5·4)	5·5 (4·2–7·4)	7·3 (5·1–10·6)	9·4 (6·5–13·3)
Encephalitis	1·7 (1·1–2·7)	2·0 (1·2–3·4)	2·3 (1·4–3·9)	2·8 (1·6–4·7)	3·3 (1·8–5·8)	4·3 (2·3–8·5)	4·7 (2·8–8·4)
Diphtheria	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	–	–	–	–	–
Whooping cough	0·1 (0·0–0·3)	0·3 (0·0–1·3)	–	–	–	–	–
Tetanus	1·6 (0·0–6·8)	2·3 (0·0–9·6)	1·6 (0·0–6·4)	2·1 (0·0–8·8)	2·8 (0·0–11·4)	2·9 (0·0–11·7)	2·4 (0·0–9·7)
Measles	0·1 (0·0–0·3)	0·1 (0·0–0·3)	–	–	–	–	–
Varicella	0·1 (0·0–0·6)	0·1 (0·0–0·6)	0·1 (0·0–0·8)	0·2 (0·0–1·2)	0·3 (0·0–2·0)	0·6 (0·0–4·1)	2·3 (0·0–15·3)
Neglected tropical diseases and malaria	15·8 (11·9–23·1)	22·6 (15·5–32·0)	25·4 (17·4–37·0)	27·6 (19·4–40·9)	34·5 (24·4–52·3)	34·2 (24·2–52·2)	41·8 (28·5–67·2)
Malaria	11·4 (7·9–18·5)	17·5 (11·0–26·5)	19·8 (11·8–30·8)	21·3 (13·7–34·7)	26·3 (17·5–44·6)	25·6 (16·5–42·9)	31·7 (18·9–57·4)
Chagas disease	0·4 (0·2–1·0)	0·6 (0·2–1·3)	0·7 (0·3–1·7)	0·9 (0·3–2·0)	1·2 (0·5–2·5)	1·3 (0·6–3·0)	1·6 (0·8–3·6)
Leishmaniasis	1·2 (0·7–1·9)	1·2 (0·7–2·0)	1·1 (0·6–1·9)	1·2 (0·7–2·0)	1·6 (0·9–2·5)	1·5 (0·8–2·4)	1·7 (1·0–2·7)
African trypanosomiasis	0·5 (0·1–1·1)	0·4 (0·1–0·8)	0·2 (0·0–0·4)	0·1 (0·0–0·3)	0·1 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Schistosomiasis	0·4 (0·0–2·5)	0·6 (0·0–3·6)	0·8 (0·0–4·4)	1·0 (0·0–5·7)	1·4 (0·0–8·5)	1·5 (0·0–9·0)	1·3 (0·0–7·4)
Cysticercosis	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Both Sexes, 50-54 Years	Both Sexes, 55-59 Years	Both Sexes, 60-64 Years	Both Sexes, 65-69 Years	Both Sexes, 70-74 Years	Both Sexes, 75-79 Years	Both Sexes, 80+ Years
Echinococcosis	0·1 (0·0–0·2)	0·1 (0·0–0·4)	0·1 (0·0–0·5)	0·2 (0·0–0·6)	0·2 (0·0–0·8)	0·3 (0·0–1·3)	0·5 (0·0–1·9)
Dengue	0·1 (0·0–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·5)	0·3 (0·1–0·6)	0·3 (0·1–0·6)	0·4 (0·2–0·9)	1·1 (0·3–2·3)
Rabies	1·1 (0·6–2·1)	1·4 (0·7–2·8)	1·6 (0·8–3·3)	1·7 (0·9–3·3)	2·0 (1·0–3·8)	1·5 (0·8–2·6)	1·1 (0·5–2·2)
Intestinal nematode infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·4)
Ascariasis	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·4)
Other neglected tropical diseases	0·5 (0·3–0·8)	0·6 (0·3–0·9)	0·7 (0·4–1·2)	0·9 (0·4–1·6)	1·5 (0·8–2·7)	1·9 (0·8–3·8)	2·7 (1·1–5·6)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	9·1 (6·6–13·0)	12·3 (8·9–17·9)	19·4 (13·8–27·9)	26·1 (19·7–36·7)	43·5 (32·2–60·9)	59·0 (45·1–79·2)	133·5 (105·3–170·8)
Protein-energy malnutrition	7·9 (5·5–11·5)	10·8 (7·5–15·8)	17·0 (11·4–25·6)	22·5 (16·2–32·2)	37·5 (26·3–54·3)	49·7 (35·5–69·3)	104·9 (78·5–139·6)
Iodine deficiency	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·1–0·05)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·2 (0·2–0·2)	0·7 (0·6–1·0)
Iron-deficiency anemia	1·0 (0·8–1·3)	1·3 (1·1–1·6)	2·0 (1·6–2·6)	3·0 (2·3–3·7)	5·0 (3·8–6·3)	7·5 (6·0–9·1)	22·0 (17·7–28·2)
Other nutritional deficiencies	0·2 (0·1–0·2)	0·2 (0·2–0·3)	0·3 (0·3–0·4)	0·5 (0·4–0·6)	0·9 (0·7–1·1)	1·6 (1·3–1·9)	5·8 (4·8–7·6)

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Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Other communicable, maternal, neonatal, and nutritional disorders	11·1 (9·4–13·1)	14·5 (12·2–17·1)	18·4 (15·3–22·1)	23·7 (19·3–29·7)	28·5 (23·3–35·4)	31·0 (25·5–38·8)	35·7 (28·5–45·6)
Sexually transmitted diseases excluding HIV	0·6 (0·3–0·9)	0·6 (0·3–1·1)	1·0 (0·4–2·4)	0·9 (0·4–1·4)	1·3 (0·7–2·3)	1·6 (0·9–2·5)	1·8 (1·2–2·3)
Syphilis	0·4 (0·1–0·7)	0·4 (0·2–0·9)	0·7 (0·2–2·0)	0·6 (0·3–1·1)	0·8 (0·4–1·6)	1·0 (0·5–1·8)	0·9 (0·5–1·2)
Sexually transmitted chlamydial diseases	<0·05 (0·1–0·2)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)
Gonococcal infection	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·2)
Other sexually transmitted diseases	0·1 (0·1–0·2)	0·1 (0·0–0·2)	0·2 (0·1–0·4)	0·1 (0·1–0·2)	0·3 (0·1–0·6)	0·3 (0·2–0·5)	0·5 (0·3–0·8)
Hepatitis	6·9 (5·7–8·2)	9·2 (7·6–11·2)	10·4 (8·5–12·5)	12·0 (10·1–14·4)	14·0 (11·9–16·8)	12·3 (10·4–14·5)	9·1 (7·6–10·8)
Acute hepatitis A	3·3 (1·4–6·4)	4·6 (2·0–9·0)	5·4 (2·6–10·2)	6·1 (2·5–11·9)	6·9 (2·9–13·3)	5·9 (2·5–11·8)	4·7 (2·0–9·2)
Acute hepatitis B	3·1 (2·1–4·3)	4·0 (2·6–5·8)	4·3 (2·7–6·3)	5·1 (3·3–7·1)	6·0 (3·9–8·5)	5·4 (3·5–7·2)	3·6 (2·6–4·9)
Acute hepatitis C	0·4 (0·2–0·7)	0·5 (0·3–0·8)	0·6 (0·3–1·1)	0·8 (0·4–1·3)	1·0 (0·5–1·7)	1·0 (0·6–1·5)	0·8 (0·5–1·2)
Acute hepatitis E	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·0)
Other infectious diseases	3·7 (2·4–5·2)	4·7 (3·2–6·4)	7·0 (4·9–9·7)	10·8 (7·3–16·2)	13·1 (8·8–19·8)	17·1 (12·3–24·5)	24·7 (17·6–34·5)
Non-communicable diseases	649·3 (616·4–680·5)	1,011·1 (967·2–1,055·5)	1,634·2 (1,575·8–1,698·7)	2,455·8 (2,370·5–2,544·7)	3,804·4 (3,687·5–3,942·0)	5,795·8 (5,645·1–5,955·8)	11,557·5 (11,341·4–11,801·5)
Neoplasms	213·9 (194·0–231·0)	329·4 (301·8–356·3)	482·6 (445·1–523·1)	653·1 (604·7–709·8)	848·1 (788·9–927·8)	1,067·0 (999·6–1,171·6)	1,393·8 (1,303·2–1,523·4)
Esophageal cancer	14·4 (10·7–19·2)	23·9 (17·5–33·1)	34·7 (26·3–46·8)	44·3 (33·9–58·6)	59·1 (45·2–77·0)	61·3 (47·0–81·6)	64·4 (51·0–83·5)
Stomach cancer	28·2 (21·2–37·5)	45·2 (34·1–60·9)	68·4 (51·1–92·9)	92·2 (68·8–123·2)	124·1 (94·6–166·6)	151·9 (117·5–206·9)	185·1 (141·2–257·1)
Liver cancer	22·3 (16·4–26·7)	32·6 (25·8–38·0)	39·6 (31·3–46·6)	47·8 (40·6–56·7)	57·8 (49·5–69·5)	60·6 (51·6–77·6)	62·1 (53·1–79·2)
Liver cancer secondary to hepatitis B	10·9 (7·7–13·2)	15·5 (12·2–18·2)	18·2 (14·2–21·5)	21·4 (17·9–25·6)	25·2 (21·2–31·3)	24·4 (20·7–31·8)	22·4 (19·0–29·4)
Liver cancer secondary to hepatitis C	4·3 (3·3–5·0)	7·9 (6·3–8·9)	11·4 (8·9–13·3)	15·2 (12·9–17·7)	18·8 (16·0–22·5)	20·6 (17·6–25·7)	22·5 (19·6–28·1)
Liver cancer secondary to alcohol use	4·5 (3·3–5·3)	6·3 (5·0–7·3)	7·4 (5·8–8·8)	9·0 (7·6–10·6)	11·0 (9·4–13·4)	12·8 (10·9–15·8)	14·5 (12·4–18·1)
Other liver cancer	2·6 (2·0–3·1)	3·0 (2·4–3·4)	2·6 (2·0–3·0)	2·3 (2·0–2·7)	2·7 (2·3–3·2)	2·8 (2·4–3·5)	2·7 (2·3–3·4)
Larynx cancer	4·2 (2·1–7·1)	6·2 (3·1–10·3)	9·1 (4·7–15·2)	10·6 (5·5–18·6)	12·0 (6·3–19·8)	12·5 (6·6–21·2)	12·2 (6·7–20·1)
Trachea, bronchus and lung cancers	37·8 (28·2–47·7)	66·3 (50·3–82·0)	106·7 (81·1–133·3)	145·8 (114·0–188·7)	179·2 (144·7–238·6)	205·5 (165·4–282·7)	196·8 (163·3–266·2)

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Breast cancer	16·2 (15·5–17·1)	19·8 (19·0–20·9)	23·9 (22·8–25·4)	29·9 (28·5–32·0)	34·8 (33·3–37·5)	46·8 (44·7–50·7)	79·0 (74·2–86·8)
Cervical cancer	11·0 (6·8–15·8)	13·3 (7·9–18·4)	16·2 (9·1–22·5)	17·9 (10·5–24·2)	21·7 (13·0–29·9)	22·6 (13·6–31·7)	26·7 (15·7–37·8)
Uterine cancer	1·4 (0·8–2·4)	2·4 (1·3–4·0)	3·8 (2·1–6·7)	5·9 (3·4–10·3)	7·3 (3·9–12·7)	9·9 (5·4–17·8)	14·2 (7·9–25·6)
Prostate cancer	0·8 (0·4–1·3)	2·3 (1·3–4·0)	6·5 (3·6–10·2)	14·7 (8·4–23·7)	28·5 (15·5–44·4)	55·7 (31·1–85·0)	108·4 (60·6–166·7)
Colon and rectum cancers	13·6 (11·3–15·3)	22·2 (18·8–25·1)	36·2 (30·5–40·6)	54·2 (45·8–62·6)	76·8 (65·1–89·1)	116·5 (97·8–136·1)	187·0 (152·1–219·4)
Mouth cancer	4·4 (3·5–5·0)	5·8 (4·7–6·5)	7·6 (6·3–8·7)	8·8 (7·2–9·8)	9·7 (8·0–10·7)	10·8 (8·8–12·2)	15·6 (12·5–17·7)
Nasopharynx cancer	2·3 (1·4–3·3)	3·0 (1·9–4·4)	3·6 (2·3–5·0)	3·9 (2·5–5·7)	4·3 (2·7–6·1)	4·1 (2·6–5·7)	3·8 (2·5–5·4)
Cancer of other part of pharynx and oropharynx	4·6 (2·6–6·3)	6·1 (3·5–8·0)	7·6 (4·4–10·1)	8·3 (4·9–11·0)	8·5 (5·3–11·6)	8·0 (5·1–10·9)	8·0 (5·3–10·5)
Gallbladder and biliary tract cancer	2·7 (1·7–4·0)	4·6 (2·9–6·7)	7·4 (4·8–10·8)	11·6 (7·7–16·9)	16·3 (10·8–23·8)	23·3 (15·8–34·2)	35·2 (22·6–52·9)
Pancreatic cancer	6·0 (4·4–7·8)	10·5 (7·8–13·8)	16·6 (12·6–22·0)	24·6 (18·2–32·0)	33·9 (25·4–45·0)	47·1 (35·2–63·4)	65·6 (48·0–92·7)
Malignant melanoma of skin	1·2 (0·7–1·8)	1·6 (1·0–2·4)	2·2 (1·4–3·3)	3·0 (1·9–4·6)	3·7 (2·4–5·6)	5·3 (3·3–8·2)	8·3 (5·6–13·5)
Non-melanoma skin cancer	0·5 (0·3–0·7)	0·8 (0·4–1·3)	1·1 (0·6–1·9)	1·7 (1·0–2·8)	2·5 (1·6–4·2)	4·3 (2·7–7·1)	12·5 (7·4–20·7)
Ovarian cancer	5·7 (3·9–7·2)	7·4 (5·2–9·1)	9·7 (6·9–12·3)	12·6 (9·0–16·3)	14·1 (9·5–18·4)	17·6 (12·7–22·9)	23·1 (16·3–31·3)
Testicular cancer	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·2–0·5)	0·4 (0·2–0·6)	0·4 (0·2–0·7)	0·7 (0·3–1·1)
Kidney and other urinary organ cancers	2·9 (2·0–3·8)	4·8 (3·3–6·6)	7·4 (5·1–9·8)	10·3 (7·1–14·0)	12·5 (8·8–17·4)	17·6 (12·4–24·5)	22·3 (15·7–31·4)
Bladder cancer	2·5 (1·9–3·0)	4·8 (3·6–5·9)	9·0 (6·9–10·8)	14·5 (11·2–17·7)	21·9 (17·6–27·3)	33·3 (27·6–42·2)	54·6 (45·9–67·0)
Brain and nervous system cancers	5·6 (3·9–7·9)	7·8 (5·2–10·6)	10·2 (6·6–14·4)	12·3 (8·5–17·6)	13·3 (9·3–19·6)	13·8 (9·5–21·8)	12·5 (8·8–21·0)
Thyroid cancer	0·7 (0·5–1·0)	1·2 (0·9–1·6)	2·0 (1·4–2·5)	2·8 (2·0–3·5)	4·1 (2·9–5·1)	5·1 (3·7–6·6)	6·6 (4·7–8·6)
Hodgkin's disease	0·6 (0·3–0·8)	0·8 (0·5–1·1)	1·0 (0·6–1·5)	1·3 (0·8–1·9)	1·6 (1·0–2·2)	2·0 (1·2–2·9)	2·3 (1·5–3·4)
Non-Hodgkin's lymphoma	4·1 (3·2–4·7)	6·3 (5·1–7·2)	9·6 (7·9–10·9)	13·7 (11·3–15·5)	18·6 (15·5–21·0)	24·0 (20·5–29·0)	32·4 (27·3–39·7)
Multiple myeloma	1·2 (0·8–1·7)	2·3 (1·5–3·2)	3·9 (2·6–5·8)	6·2 (4·2–9·3)	8·8 (5·9–12·9)	12·4 (8·3–18·8)	17·1 (11·5–25·1)
Leukemia	5·1 (3·9–6·2)	7·2 (5·7–8·9)	10·2 (8·2–12·6)	14·4 (11·6–18·3)	19·2 (15·5–24·7)	26·8 (21·6–34·5)	39·5 (31·1–51·4)
Other neoplasms	13·7 (9·6–17·7)	20·4 (14·6–26·9)	28·1 (20·3–36·9)	39·4 (29·7–52·0)	53·6 (39·9–71·7)	67·7 (51·2–92·2)	97·5 (74·9–134·1)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Both Sexes, 50-54 Years	Both Sexes, 55-59 Years	Both Sexes, 60-64 Years	Both Sexes, 65-69 Years	Both Sexes, 70-74 Years	Both Sexes, 75-79 Years	Both Sexes, 80+ Years
Cardiovascular and circulatory diseases	238·1 (221·7–258·7)	377·2 (356·5–408·5)	653·6 (613·2–706·8)	1,045·1 (986·3–1,126·4)	1,737·3 (1,640·8–1,880·7)	3,009·5 (2,846·8–3,205·0)	6,999·0 (6,650·0–7,306·1)
Rheumatic heart disease	15·7 (13·3–19·2)	20·9 (17·9–25·6)	27·8 (23·9–32·9)	35·1 (31·3–40·5)	50·4 (44·9–58·8)	71·1 (63·9–78·6)	149·6 (138·6–164·1)
Ischemic heart disease	108·0 (99·4–120·1)	165·6 (157·6–188·1)	293·4 (277·9–324·8)	464·0 (437·3–510·7)	734·9 (703·0–815·6)	1,307·1 (1,249·7–1,416·4)	3,194·8 (3,073·9–3,401·3)
Cerebrovascular disease	82·8 (75·6–97·1)	141·1 (129·2–165·7)	250·4 (228·6–289·6)	414·9 (379·7–476·3)	736·5 (675·7–836·9)	1,274·5 (1,166·8–1,420·5)	2,796·9 (2,555·0–3,094·9)
Ischemic stroke	14·9 (13·0–19·5)	31·5 (27·0–40·6)	81·5 (70·8–99·4)	150·9 (132·8–182·1)	319·5 (282·6–378·9)	687·5 (635·8–770·4)	1,943·7 (1,814·6–2,083·2)
Hemorrhagic and other non-ischemic stroke	67·8 (56·8–81·0)	109·7 (91·8–129·9)	168·9 (141·4–201·9)	264·0 (219·0–311·0)	417·0 (341·6–500·5)	587·0 (490·7–689·2)	853·2 (712·9–1,004·0)
Hypertensive heart disease	11·9 (9·7–15·3)	19·0 (15·3–24·3)	33·0 (27·0–41·4)	55·0 (44·0–69·1)	92·8 (74·3–118·3)	149·5 (118·2–189·0)	343·5 (265·4–445·7)
Cardiomyopathy and myocarditis	9·1 (7·6–10·5)	12·0 (10·1–14·0)	17·2 (14·9–19·5)	22·4 (19·3–25·2)	31·1 (27·0–35·4)	45·0 (39·6–49·6)	93·1 (83·0–103·6)
Atrial fibrillation and flutter	0·2 (0·1–0·3)	0·4 (0·3–0·7)	0·9 (0·6–1·5)	1·9 (1·4–2·8)	4·1 (2·9–6·2)	9·4 (7·3–12·4)	34·4 (27·9–43·5)
Aortic aneurysm	2·1 (1·4–3·4)	3·8 (2·5–5·8)	7·3 (4·9–10·6)	13·7 (9·2–20·1)	24·4 (16·1–37·9)	37·6 (26·3–52·5)	69·8 (51·7–93·4)
Peripheral vascular disease	0·2 (0·1–0·3)	0·3 (0·2–0·6)	0·7 (0·4–1·3)	1·3 (0·8–2·2)	2·6 (1·5–4·2)	4·8 (3·0–7·7)	16·6 (10·5–25·3)
Endocarditis	0·8 (0·6–1·0)	1·0 (0·8–1·3)	1·4 (1·1–1·9)	1·9 (1·6–2·7)	2·8 (2·3–4·0)	4·5 (3·8–6·2)	10·2 (8·7–13·5)
Other cardiovascular and circulatory diseases	7·3 (6·7–8·0)	13·0 (11·9–14·1)	21·5 (20·1–23·1)	34·9 (32·5–37·5)	57·8 (54·2–61·8)	106·0 (100·6–111·9)	290·0 (276·7–305·6)
Chronic respiratory diseases	70·5 (65·6–76·0)	130·2 (121·4–140·1)	252·0 (236·8–268·2)	419·7 (397·8–442·1)	733·0 (700·6–769·2)	1,021·4 (978·2–1,063·5)	1,814·6 (1,743·9–1,880·8)
Chronic obstructive pulmonary disease	49·9 (43·4–56·8)	97·5 (86·8–110·6)	197·0 (177·8–219·9)	339·1 (310·0–373·2)	606·0 (559·0–661·7)	850·2 (790·1–922·7)	1,509·8 (1,417·4–1,618·1)
Pneumoconiosis	3·5 (1·4–7·0)	6·0 (2·6–11·4)	11·2 (4·9–23·1)	17·9 (7·9–38·2)	29·7 (13·8–57·4)	39·2 (20·7–74·0)	81·1 (44·3–151·9)
Asthma	10·5 (6·6–18·4)	16·4 (10·6–27·0)	26·4 (17·6–42·6)	37·5 (25·8–57·8)	56·8 (39·7–87·2)	73·4 (53·8–110·3)	108·0 (81·9–156·4)
Other interstitial lung disease	1·5 (0·9–2·2)	2·5 (1·6–4·0)	4·8 (2·8–8·5)	7·2 (4·6–11·2)	11·3 (7·2–17·1)	16·0 (10·7–24·7)	23·8 (15·7–36·8)
Other chronic respiratory diseases	5·2 (3·5–8·1)	7·8 (5·2–12·0)	12·5 (8·5–18·8)	18·0 (12·1–25·7)	29·2 (20·1–41·1)	42·6 (30·7–58·8)	91·9 (69·5–121·5)
Cirrhosis of the liver	38·8 (32·8–46·0)	51·1 (42·5–59·8)	62·3 (52·2–72·1)	71·4 (59·4–80·8)	80·0 (67·5–91·6)	89·9 (74·9–101·0)	110·3 (89·9–123·0)
Cirrhosis of the liver secondary to hepatitis B	12·4 (10·1–14·5)	17·1 (13·8–20·2)	21·5 (17·8–24·6)	24·9 (20·4–28·4)	28·1 (22·9–31·9)	29·4 (23·8–33·4)	32·5 (24·5–37·3)
Cirrhosis of the liver secondary to hepatitis C	9·7 (8·3–11·4)	14·3 (11·9–16·7)	19·4 (16·6–22·6)	24·0 (20·3–27·5)	27·1 (22·9–30·9)	31·6 (26·9–36·0)	41·3 (33·3–46·0)
Cirrhosis of the liver secondary to alcohol use	11·3 (9·4–14·2)	13·9 (11·0–17·1)	15·8 (12·8–19·1)	17·1 (13·9–20·6)	18·7 (15·1–22·3)	21·8 (17·9–25·5)	27·8 (22·9–31·4)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Both Sexes, 50-54 Years	Both Sexes, 55-59 Years	Both Sexes, 60-64 Years	Both Sexes, 65-69 Years	Both Sexes, 70-74 Years	Both Sexes, 75-79 Years	Both Sexes, 80+ Years
Other cirrhosis of the liver	5·4 (4·6–6·4)	5·8 (4·8–6·8)	5·6 (4·8–6·6)	5·4 (4·5–6·3)	6·1 (5·1–7·1)	7·0 (5·8–8·0)	8·7 (6·9–9·8)
Digestive diseases (except cirrhosis)	27·9 (23·6–31·7)	34·0 (29·2–38·9)	52·1 (45·1–60·4)	73·4 (65·2–82·7)	112·8 (100·5–128·5)	170·0 (152·7–192·5)	351·2 (324·2–384·4)
Peptic ulcer disease	11·6 (9·2–13·2)	12·2 (9·7–13·9)	18·4 (15·0–20·5)	24·6 (20·3–27·7)	36·7 (30·0–41·0)	52·1 (42·9–58·3)	95·9 (76·4–105·1)
Gastritis and duodenitis	0·4 (0·3–0·6)	0·5 (0·4–0·8)	0·7 (0·5–1·1)	1·1 (0·8–1·6)	1·7 (1·2–2·4)	2·6 (1·8–3·8)	6·9 (4·6–9·9)
Appendicitis	0·9 (0·5–1·3)	1·2 (0·7–1·8)	1·8 (1·2–2·7)	2·4 (1·5–3·5)	3·5 (2·2–4·9)	4·5 (2·9–6·4)	7·1 (4·7–9·8)
Paralytic ileus and intestinal obstruction without hernia	2·9 (1·7–3·9)	3·8 (2·3–5·1)	5·8 (3·6–7·4)	8·1 (5·1–10·4)	13·3 (8·5–16·8)	20·8 (14·2–25·9)	47·9 (34·6–60·4)
Inguinal or femoral hernia	0·4 (0·4–0·4)	0·7 (0·6–0·7)	1·1 (1·1–1·2)	1·7 (1·6–1·7)	2·8 (2·7–2·9)	5·0 (4·8–5·1)	10·9 (10·4–11·3)
Noninfective inflammatory bowel disease	0·5 (0·4–0·7)	0·7 (0·5–1·0)	1·0 (0·7–1·4)	1·5 (1·0–2·0)	2·4 (1·6–3·1)	3·7 (2·8–4·7)	9·7 (7·4–12·3)
Vascular disorders of intestine	0·7 (0·3–1·6)	1·2 (0·5–2·9)	2·4 (1·0–5·6)	4·4 (2·2–9·8)	7·6 (4·0–16·1)	14·9 (8·0–29·8)	34·6 (20·0–63·5)
Gall bladder and bile duct disease	1·6 (1·2–2·2)	2·3 (1·8–3·1)	3·7 (3·0–4·8)	5·9 (4·8–7·8)	9·2 (7·4–12·5)	15·4 (12·6–19·6)	36·5 (29·8–47·1)
Pancreatitis	1·9 (1·4–2·6)	2·3 (1·6–3·0)	3·1 (2·2–4·0)	4·0 (2·8–5·1)	5·2 (3·9–6·8)	7·8 (5·9–10·1)	12·8 (9·3–16·3)
Other digestive diseases	7·0 (4·9–9·3)	9·2 (6·8–11·8)	14·1 (10·4–18·1)	19·8 (14·6–24·7)	30·4 (22·8–38·1)	43·0 (32·2–53·3)	89·1 (66·0–115·9)
Neurological disorders	12·0 (8·3–16·6)	16·1 (11·2–22·7)	22·4 (15·6–31·6)	34·1 (24·8–47·6)	58·1 (42·3–78·9)	99·7 (79·7–124·3)	257·5 (209·5–343·9)
Alzheimer's disease and other dementias	0·7 (0·4–1·0)	1·2 (0·8–1·7)	2·6 (1·7–3·6)	5·6 (3·9–7·7)	14·0 (10·0–19·2)	35·6 (26·9–49·4)	150·2 (116·9–233·1)
Parkinson's disease	0·3 (0·2–0·4)	0·6 (0·4–0·9)	1·4 (1·0–2·1)	3·7 (2·7–5·2)	8·8 (6·6–12·4)	19·6 (15·0–26·4)	42·0 (32·3–58·6)
Epilepsy	2·7 (1·8–3·4)	2·8 (1·8–3·5)	2·9 (2·0–3·7)	4·0 (2·6–5·0)	5·0 (3·1–6·5)	6·4 (4·0–8·0)	12·4 (7·5–17·0)
Multiple sclerosis	0·8 (0·6–1·0)	1·1 (0·7–1·7)	1·1 (0·8–1·5)	1·2 (0·9–1·5)	1·3 (0·9–1·9)	1·5 (1·1–2·1)	1·3 (0·9–1·7)
Other neurological disorders	7·5 (4·3–12·0)	10·4 (6·0–17·1)	14·4 (8·2–23·5)	19·7 (11·1–32·8)	29·0 (15·1–48·7)	36·6 (20·1–56·8)	51·6 (27·3–81·7)
Mental and behavioral disorders	6·8 (4·1–9·9)	7·1 (4·3–10·1)	7·3 (4·7–11·1)	6·9 (4·7–10·2)	6·8 (5·0–9·8)	9·2 (6·7–12·9)	17·0 (11·3–22·8)
Schizophrenia	0·6 (0·4–0·9)	0·9 (0·6–1·3)	0·8 (0·5–1·2)	1·2 (0·8–1·9)	1·5 (1·0–2·4)	2·1 (1·4–3·3)	3·6 (2·1–5·8)
Alcohol use disorders	5·3 (2·7–8·0)	5·2 (2·6–8·3)	5·4 (2·9–9·1)	4·3 (2·4–7·5)	3·3 (1·9–5·7)	3·3 (2·1–6·1)	3·0 (1·8–5·2)
Drug use disorders	0·6 (0·3–1·6)	0·5 (0·3–1·1)	0·5 (0·3–1·2)	0·5 (0·3–1·1)	0·7 (0·4–1·5)	1·0 (0·6–2·2)	1·5 (1·0–3·3)
Opioid use disorders	0·2 (0·1–0·5)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·2 (0·1–0·5)	0·3 (0·2–0·7)	0·5 (0·3–1·1)

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Cause	Both Sexes, 50-54 Years	Both Sexes, 55-59 Years	Both Sexes, 60-64 Years	Both Sexes, 65-69 Years	Both Sexes, 70-74 Years	Both Sexes, 75-79 Years	Both Sexes, 80+ Years
Cocaine use disorders	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·2)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·4 (0·2–1·0)	0·3 (0·2–0·7)	0·3 (0·2–0·8)	0·3 (0·2–0·7)	0·4 (0·2–0·9)	0·6 (0·4–1·4)	0·9 (0·6–2·0)
Eating disorders	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·5)	0·6 (0·3–1·0)	2·8 (1·2–4·3)
Other mental and behavioral disorders	0·2 (0·1–0·5)	0·3 (0·1–0·7)	0·4 (0·2–0·8)	0·7 (0·3–1·2)	1·0 (0·5–1·8)	2·1 (1·0–3·5)	6·1 (2·7–9·3)
Diabetes, urogenital, blood, and endocrine diseases	35·7 (32·2–43·1)	57·5 (52·3–68·7)	89·4 (82·5–106·2)	135·0 (124·4–154·3)	199·3 (184·3–229·0)	287·0 (266·4–324·0)	526·3 (482·1–596·9)
Diabetes mellitus	16·9 (14·7–19·1)	30·0 (26·4–34·6)	49·5 (44·1–57·1)	77·1 (68·0–90·1)	110·9 (99·7–129·7)	150·5 (134·8–174·4)	222·5 (201·2–261·3)
Acute glomerulonephritis	3·3 (1·1–9·3)	4·2 (1·4–12·6)	5·4 (1·9–16·1)	7·0 (2·7–19·3)	9·8 (3·7–25·9)	10·6 (4·1–30·1)	12·5 (4·7–35·5)
Chronic kidney diseases	10·3 (8·7–12·3)	15·6 (13·3–19·1)	22·1 (19·0–27·4)	31·5 (27·2–39·6)	47·3 (40·9–58·9)	72·7 (63·9–89·4)	160·0 (135·0–194·8)
Chronic kidney disease due to diabetes mellitus	2·8 (2·4–3·5)	5·0 (4·2–6·2)	8·0 (6·8–10·1)	10·2 (8·8–13·0)	13·4 (11·3–16·5)	17·5 (15·0–21·8)	32·5 (27·0–40·4)
Chronic kidney disease due to hypertension	2·3 (2·0–2·8)	3·4 (2·9–4·1)	4·6 (3·9–5·7)	7·0 (6·1–8·8)	11·2 (9·7–13·9)	18·3 (16·1–22·3)	42·2 (36·1–51·2)
Chronic kidney disease unspecified	5·1 (4·3–6·2)	7·2 (6·1–9·0)	9·5 (8·0–11·9)	14·2 (12·4–18·2)	22·6 (19·6–28·1)	37·0 (32·3–45·2)	85·3 (72·4–104·7)
Urinary diseases and male infertility	2·5 (1·7–3·3)	3·9 (2·6–4·9)	6·6 (4·4–8·2)	10·5 (7·2–13·2)	17·2 (12·3–21·6)	30·5 (22·3–38·0)	77·6 (57·7–101·7)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	1·4 (0·9–1·9)	2·0 (1·4–2·7)	3·6 (2·4–4·9)	5·9 (4·2–8·0)	9·6 (6·8–13·1)	18·4 (13·3–24·8)	53·1 (39·4–71·9)
Urolithiasis	0·4 (0·3–0·8)	0·7 (0·4–1·2)	1·1 (0·7–1·9)	1·7 (0·9–2·7)	2·6 (1·6–4·2)	4·3 (2·5–7·2)	8·0 (4·7–13·3)
Other urinary diseases	0·7 (0·5–1·0)	1·1 (0·7–1·5)	1·9 (1·2–2·5)	3·0 (2·0–3·9)	5·0 (3·2–6·6)	7·7 (5·2–10·1)	16·5 (11·8–22·4)
Gynecological diseases	0·1 (0·1–0·1)	0·2 (0·2–0·2)	0·2 (0·2–0·2)	0·2 (0·2–0·2)	0·4 (0·3–0·4)	0·5 (0·5–0·5)	1·1 (1·0–1·2)
Uterine fibroids	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·1–0·1)
Endometriosis	<0·05 (0·0–0·05)	–	–	–	–	–	–
Genital prolapse	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·1–0·1)
Other gynecological diseases	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·2–0·2)	0·3 (0·3–0·3)	0·4 (0·4–0·5)	0·9 (0·8–1·0)
Hemoglobinopathies and hemolytic anemias	1·1 (0·8–1·9)	1·6 (1·2–2·9)	2·5 (1·7–4·1)	3·8 (2·6–5·7)	6·6 (4·4–10·3)	10·7 (7·0–17·0)	22·4 (14·8–34·5)
Thalassemias	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·2 (0·2–0·4)	0·2 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·1)	<0·05 (0·0–0·0)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Both Sexes, 50-54 Years	Both Sexes, 55-59 Years	Both Sexes, 60-64 Years	Both Sexes, 65-69 Years	Both Sexes, 70-74 Years	Both Sexes, 75-79 Years	Both Sexes, 80+ Years
Sickle cell disorders	0·2 (0·1–0·4)	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·4)	0·2 (0·1–0·3)
G6PD deficiency	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·2 (0·1–0·2)	0·3 (0·2–0·4)	0·5 (0·4–0·7)	1·1 (0·9–1·4)
Other hemoglobinopathies and hemolytic anemias	0·5 (0·2–0·9)	1·0 (0·5–1·8)	1·9 (1·0–3·2)	3·1 (1·7–4·8)	5·8 (3·3–9·4)	9·8 (5·6–16·0)	21·1 (12·7–32·4)
Other endocrine, nutritional, blood, and immune disorders	1·4 (0·7–2·1)	2·0 (1·0–3·0)	3·1 (1·5–4·7)	4·8 (2·5–7·2)	7·2 (3·6–10·6)	11·6 (6·1–16·7)	30·2 (14·8–45·1)
Musculoskeletal disorders	1·7 (1·1–2·3)	2·6 (1·7–3·4)	3·5 (2·4–4·8)	5·2 (3·5–7·1)	8·9 (5·5–11·7)	14·5 (9·3–18·7)	27·4 (17·5–37·6)
Rheumatoid arthritis	0·8 (0·5–1·1)	1·4 (0·9–1·9)	2·0 (1·3–2·7)	3·1 (2·1–4·1)	5·3 (3·4–7·3)	8·8 (5·6–11·9)	12·9 (8·8–18·0)
Other musculoskeletal disorders	0·9 (0·6–1·2)	1·2 (0·8–1·6)	1·6 (1·0–2·1)	2·2 (1·5–2·9)	3·6 (2·3–5·0)	5·7 (3·8–7·6)	14·6 (10·4–19·2)
Other non-communicable diseases	4·0 (3·2–5·0)	5·9 (4·7–7·3)	8·9 (6·7–11·0)	11·9 (9·1–14·6)	20·0 (15·4–24·2)	27·6 (21·7–33·6)	60·4 (48·1–72·1)
Congenital anomalies	2·0 (1·5–2·7)	3·3 (2·4–4·3)	5·0 (3·4–6·7)	6·7 (4·4–9·1)	10·6 (6·8–14·2)	13·2 (8·7–18·0)	25·4 (17·6–33·2)
Neural tube defects	0·2 (0·1–0·5)	0·4 (0·1–0·8)	0·5 (0·1–0·9)	0·6 (0·2–1·3)	1·0 (0·3–1·9)	1·0 (0·4–2·3)	1·2 (0·6–2·4)
Congenital heart anomalies	0·6 (0·5–0·9)	1·0 (0·8–1·4)	1·7 (1·1–2·5)	2·7 (1·8–3·7)	4·8 (3·0–7·1)	6·7 (4·3–9·7)	17·0 (11·2–23·9)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	0·3 (0·1–0·5)	0·4 (0·2–0·6)	0·4 (0·2–0·8)	0·3 (0·1–0·6)	0·1 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other chromosomal abnormalities	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·3 (0·0–1·9)	0·1 (0·0–0·2)	0·1 (0·0–0·4)	0·2 (0·1–0·5)
Other congenital anomalies	0·8 (0·5–1·4)	1·4 (0·9–2·3)	2·3 (1·4–3·8)	2·8 (1·7–4·8)	4·6 (2·7–7·7)	5·2 (2·9–9·0)	6·9 (3·8–12·0)
Skin and subcutaneous diseases	2·0 (1·4–2·7)	2·7 (1·9–3·6)	3·8 (2·8–5·2)	5·2 (3·9–6·7)	9·4 (7·1–12·1)	14·4 (11·1–18·8)	35·0 (28·0–44·2)
Cellulitis	0·7 (0·5–0·9)	0·9 (0·6–1·2)	1·2 (0·9–1·6)	1·5 (1·1–1·9)	2·2 (1·7–2·9)	2·8 (2·2–3·7)	5·0 (3·9–6·1)
Abscess, impetigo, and other bacterial skin diseases	0·8 (0·6–1·1)	1·1 (0·8–1·4)	1·4 (1·0–1·9)	1·8 (1·3–2·3)	2·9 (2·2–3·8)	3·9 (3·0–5·1)	8·1 (6·5–10·1)
Decubitus ulcer	0·5 (0·4–0·7)	0·7 (0·5–0·9)	1·2 (0·8–1·6)	1·9 (1·4–2·5)	4·2 (3·2–5·5)	7·6 (5·9–9·8)	21·8 (17·5–27·2)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	96·5 (88·4–111·2)	97·4 (89·4–113·6)	106·5 (98·0–122·5)	117·4 (108·7–133·9)	148·4 (135·0–167·1)	197·7 (182·0–217·9)	381·9 (349·4–422·4)
Transport injuries	24·5 (18·2–30·4)	25·2 (18·7–31·5)	26·9 (20·0–33·2)	29·3 (22·8–35·5)	35·0 (27·5–41·9)	41·5 (32·5–48·9)	47·3 (36·1–56·0)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Road injury	23·2 (18·5–29·7)	23·9 (18·9–30·6)	25·5 (20·3–32·4)	28·0 (22·9–34·6)	33·6 (26·9–41·1)	39·7 (32·5–48·1)	45·3 (36·3–54·0)
Pedestrian injury by road vehicle	7·5 (5·1–9·9)	7·5 (4·9–9·6)	8·4 (6·0–10·8)	9·2 (6·8–11·6)	11·4 (8·4–14·3)	14·8 (11·3–18·4)	18·8 (14·2–22·9)
Pedal cycle vehicle	1·5 (1·1–2·1)	1·8 (1·2–2·4)	2·0 (1·4–2·8)	2·4 (1·7–3·2)	3·1 (2·1–4·1)	3·7 (2·7–4·6)	3·5 (2·5–4·4)
Motorized vehicle with two wheels	3·3 (2·0–4·8)	3·0 (1·9–4·6)	3·1 (1·8–4·7)	3·2 (1·9–4·5)	3·6 (2·2–5·0)	3·7 (2·2–5·1)	3·5 (2·0–5·1)
Motorized vehicle with three or more wheels	8·4 (6·3–10·6)	8·6 (6·4–10·9)	8·9 (6·6–11·5)	10·0 (7·4–12·5)	11·2 (8·2–14·2)	13·4 (10·0–17·2)	15·3 (11·1–19·0)
Road injury other	2·6 (0·9–5·8)	3·0 (1·1–6·3)	3·1 (1·3–6·5)	3·2 (1·3–6·6)	4·2 (1·7–8·9)	4·2 (1·7–8·5)	4·1 (1·5–8·2)
Other transport injury	1·3 (1·0–2·0)	1·2 (1·0–1·8)	1·3 (1·0–2·0)	1·3 (1·0–2·0)	1·4 (1·1–2·0)	1·8 (1·4–2·4)	2·0 (1·6–2·8)
Unintentional injuries other than transport injuries	39·3 (35·2–47·7)	40·4 (36·2–48·8)	46·0 (41·6–54·4)	52·9 (48·2–61·8)	72·7 (66·6–83·8)	109·8 (101·2–123·3)	275·0 (249·8–317·0)
Falls	7·2 (6·0–9·6)	8·2 (6·9–11·1)	10·8 (9·2–14·0)	14·6 (12·4–18·8)	23·9 (20·1–31·0)	45·6 (38·2–55·5)	157·8 (134·2–194·1)
Drowning	5·5 (4·5–7·4)	5·5 (4·5–7·1)	6·1 (5·1–7·8)	6·6 (5·5–8·3)	8·3 (6·7–10·5)	9·6 (7·9–11·9)	12·6 (9·9–15·8)
Fire, heat and hot substances	4·5 (3·5–6·0)	4·4 (3·4–6·0)	5·3 (4·2–7·2)	6·3 (4·9–8·3)	9·1 (6·8–11·7)	12·7 (9·7–16·8)	23·6 (18·5–31·7)
Poisonings	5·4 (4·0–9·2)	5·3 (4·0–9·1)	5·4 (4·0–9·3)	5·3 (4·0–8·9)	6·4 (4·9–10·3)	7·4 (5·7–11·4)	10·1 (7·8–15·1)
Exposure to mechanical forces	7·4 (5·0–12·6)	7·0 (4·9–11·4)	6·9 (4·8–11·1)	6·4 (4·3–10·6)	7·0 (4·6–11·1)	8·3 (5·7–13·0)	10·6 (6·9–16·8)
Mechanical forces (firearm)	2·9 (1·6–5·4)	2·7 (1·5–5·0)	2·5 (1·3–4·5)	2·5 (1·3–5·5)	3·0 (1·5–6·0)	3·2 (1·5–7·5)	4·0 (1·9–10·2)
Mechanical forces (other)	4·5 (3·0–7·0)	4·4 (2·9–7·2)	4·4 (2·9–7·2)	3·9 (2·6–6·7)	4·0 (2·6–6·5)	5·1 (3·3–9·0)	6·7 (4·1–12·3)
Adverse effects of medical treatment	0·8 (0·6–1·0)	1·2 (0·9–1·4)	1·6 (1·3–1·9)	2·4 (1·8–2·9)	3·2 (2·5–4·0)	5·0 (3·8–6·2)	9·5 (6·9–13·6)
Animal contact	1·7 (1·1–2·4)	1·7 (1·1–2·5)	2·0 (1·3–3·0)	2·1 (1·4–3·1)	2·9 (1·9–4·3)	3·3 (2·1–5·3)	3·9 (2·4–6·6)
Animal contact (venomous)	1·3 (0·6–2·2)	1·2 (0·6–2·2)	1·4 (0·7–2·3)	1·4 (0·7–2·4)	1·9 (0·9–3·3)	2·1 (1·1–3·9)	2·5 (1·1–4·4)
Animal contact (non-venomous)	0·4 (0·2–0·7)	0·5 (0·2–0·8)	0·6 (0·3–1·0)	0·7 (0·4–1·1)	1·0 (0·5–1·6)	1·2 (0·6–2·1)	1·4 (0·7–2·7)
Unintentional injuries not classified elsewhere	6·9 (5·4–8·1)	7·1 (5·8–8·2)	7·9 (6·4–9·3)	9·2 (7·5–10·6)	11·9 (9·9–13·9)	17·9 (14·7–20·6)	46·9 (37·8–52·6)
Self-harm and interpersonal violence	29·8 (24·1–38·2)	28·3 (23·0–37·6)	29·7 (23·5–39·6)	31·0 (23·4–40·9)	36·9 (28·0–48·3)	44·1 (33·2–56·3)	58·2 (42·8–74·7)
Self-harm	22·9 (17·6–31·3)	22·5 (17·0–31·4)	24·5 (18·7–33·8)	26·5 (19·2–36·7)	32·7 (23·6–43·8)	39·7 (29·1–51·5)	52·5 (37·3–69·6)
Interpersonal violence	6·9 (4·5–9·5)	5·8 (3·8–7·9)	5·2 (3·5–6·8)	4·5 (3·1–6·0)	4·3 (3·0–5·5)	4·4 (3·3–5·6)	5·7 (4·3–7·0)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Assault by firearm	2·5 (1·7–3·4)	2·0 (1·3–2·9)	1·7 (1·0–2·5)	1·3 (0·8–1·9)	1·1 (0·7–1·7)	1·0 (0·7–1·4)	1·2 (0·8–1·7)
Assault by sharp object	1·7 (1·1–2·6)	1·4 (0·8–2·1)	1·2 (0·8–1·8)	1·0 (0·6–1·5)	1·0 (0·6–1·4)	0·9 (0·5–1·2)	1·1 (0·7–1·7)
Assault by other means	2·7 (1·9–3·7)	2·3 (1·7–3·2)	2·3 (1·7–3·0)	2·2 (1·6–2·8)	2·1 (1·6–2·7)	2·5 (2·0–3·1)	3·4 (2·6–4·3)
Forces of nature, war, and legal intervention	2·9 (1·8–5·3)	3·5 (2·2–6·5)	3·9 (2·4–7·2)	4·3 (2·7–8·0)	3·7 (2·3–6·8)	2·3 (1·4–4·2)	1·4 (0·8–2·4)
Exposure to forces of nature	1·0 (0·5–2·0)	1·4 (0·7–2·9)	1·7 (0·9–3·4)	2·1 (1·1–4·2)	1·8 (0·9–3·5)	1·1 (0·6–2·2)	0·5 (0·2–1·0)
Collective violence and legal intervention	1·9 (1·2–3·3)	2·0 (1·3–3·5)	2·2 (1·4–3·7)	2·2 (1·4–3·7)	2·0 (1·3–3·3)	1·2 (0·8–2·0)	0·9 (0·5–1·4)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
All causes	934·9 (907·8–966·7)	137,473·3 (121,173·5–152,704·	18,120·0 (16,942·3–19,189·9)	3,111·4 (2,845·4–3,453·4)	747·9 (642·5–872·7)	129·4 (122·4–137·1)	86·3 (82·0–91·2)
Communicable, maternal, neonatal, and nutritional disorders	319·0 (299·3–343·3)	126,819·5 (109,488·7–141,984·	16,214·9 (14,896·0–17,477·5)	2,638·1 (2,390·8–2,995·4)	567·2 (475·3–688·9)	73·1 (65·1–83·7)	37·0 (32·5–42·1)
HIV/AIDS and tuberculosis	41·2 (35·4–50·2)	–	–	32·8 (24·4–45·5)	19·4 (14·4–27·1)	3·5 (2·6–5·1)	2·2 (1·7–3·0)
Tuberculosis	34·3 (28·8–43·3)	–	–	23·4 (15·7–35·1)	11·3 (6·8–18·7)	3·0 (2·1–4·6)	2·0 (1·5–2·9)
HIV/AIDS	6·8 (5·5–8·7)	–	–	9·4 (7·2–11·8)	8·1 (6·2–10·4)	0·6 (0·4–0·8)	0·2 (0·1–0·3)
HIV disease resulting in mycobacterial infection	1·1 (0·9–1·5)	–	–	2·0 (1·5–2·6)	1·7 (1·3–2·2)	0·1 (0·1–0·2)	<0·05 (0·0–0·05)
HIV disease resulting in other specified or unspecified diseases	5·7 (4·6–7·2)	–	–	7·4 (5·6–9·6)	6·4 (4·9–8·3)	0·4 (0·3–0·6)	0·1 (0·1–0·2)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	152·8 (137·2–174·9)	16,209·2 (12,799·8–20,584·0)	7,927·1 (6,744·9–9,431·9)	1,948·6 (1,691·5–2,347·4)	379·8 (300·9–499·8)	48·9 (40·0–60·7)	22·4 (17·6–27·6)
Diarrheal diseases	47·2 (42·3–53·2)	2,613·8 (1,789·2–3,842·0)	2,205·5 (1,666·4–2,897·4)	704·9 (583·3–812·8)	128·8 (106·2–156·3)	14·7 (10·9–19·6)	6·0 (4·4–8·2)
Cholera	2·4 (1·7–3·2)	150·8 (78·5–272·1)	125·8 (68·7–214·0)	37·3 (23·0–57·0)	9·0 (6·2–12·7)	0·8 (0·5–1·3)	0·2 (0·1–0·4)
Other salmonella infections	2·6 (2·0–3·3)	106·6 (60·4–177·8)	91·1 (56·3–146·2)	31·6 (21·5–45·8)	6·9 (5·1–9·3)	1·3 (0·9–1·8)	0·8 (0·5–1·2)
Shigellosis	3·7 (2·8–4·5)	161·3 (94·1–267·9)	138·2 (85·1–216·9)	43·3 (29·4–61·0)	9·6 (7·1–12·7)	1·6 (1·0–2·3)	0·8 (0·5–1·3)
Enteropathogenic E coli infection	4·1 (3·0–5·3)	337·8 (188·7–577·4)	289·0 (177·8–468·5)	93·0 (65·1–128·4)	10·5 (7·5–14·1)	0·6 (0·4–0·9)	0·1 (0·1–0·2)
Enterotoxigenic E coli infection	3·5 (2·7–4·5)	150·9 (88·0–255·7)	129·6 (80·0–210·8)	42·6 (30·5–59·5)	8·1 (6·0–10·6)	1·0 (0·7–1·5)	0·5 (0·3–0·8)
Campylobacter enteritis	4·1 (3·1–5·1)	270·7 (157·5–456·6)	231·2 (147·1–360·4)	74·5 (53·7–99·7)	11·2 (8·3–14·9)	1·0 (0·6–1·4)	0·4 (0·2–0·6)
Amoebiasis	1·2 (1·0–1·6)	30·9 (15·1–60·1)	25·7 (13·3–46·4)	8·0 (4·6–12·9)	2·4 (1·7–3·3)	0·3 (0·2–0·5)	0·2 (0·1–0·3)
Cryptosporidiosis	4·4 (3·4–5·6)	347·3 (223·7–550·1)	284·9 (192·4–413·7)	91·9 (68·6–118·8)	14·0 (10·5–18·4)	0·8 (0·5–1·1)	0·2 (0·1–0·2)
Rotaviral enteritis	9·6 (7·6–11·9)	642·0 (390·5–1,030·8)	532·8 (351·3–763·0)	171·7 (130·0–219·7)	32·6 (24·8–42·5)	2·4 (1·6–3·5)	0·6 (0·4–0·9)
Other diarrheal diseases	11·7 (7·3–16·8)	415·4 (188·9–834·7)	357·1 (177·0–620·0)	111·1 (60·4–183·3)	24·5 (13·1–41·1)	5·0 (2·8–7·7)	2·3 (1·3–3·7)
Typhoid and paratyphoid fevers	3·0 (0·4–5·6)	–	–	6·8 (0·8–12·9)	5·8 (0·6–11·0)	4·4 (0·5–8·2)	3·2 (0·4–6·0)
Lower respiratory infections	68·0 (58·4–76·3)	9,135·6 (6,463·6–11,303·1)	3,228·6 (2,486·8–3,859·0)	801·5 (645·9–925·7)	131·4 (99·8–160·7)	12·0 (9·2–14·5)	6·1 (4·4–7·2)
Influenza	11·3 (9·5–12·8)	1,320·5 (870·1–1,750·2)	463·5 (326·5–603·2)	118·5 (89·9–148·0)	18·9 (14·1–23·8)	2·0 (1·5–2·5)	1·1 (0·8–1·4)
Pneumococcal pneumonia	14·9 (12·6–17·0)	1,357·9 (884·3–1,857·0)	474·5 (353·4–616·2)	119·5 (91·4–149·8)	30·8 (23·7–39·0)	2·3 (1·8–2·9)	0·9 (0·7–1·2)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
H influenzae type B pneumonia	12·4 (10·2–14·3)	2,108·7 (1,434·0–2,868·1)	736·6 (531·0–945·5)	187·1 (142·1–229·7)	29·3 (21·8–37·2)	2·4 (1·8–3·1)	1·1 (0·8–1·4)
Respiratory syncytial virus pneumonia	10·5 (8·3–12·6)	2,885·5 (2,012·5–3,738·4)	1,039·6 (780·3–1,317·6)	247·5 (195·7–300·8)	15·5 (11·8–19·3)	0·1 (0·1–0·1)	0·1 (0·0–0·1)
Other lower respiratory infections	18·9 (15·9–21·9)	1,463·0 (917·6–2,059·0)	514·3 (344·3–735·3)	129·0 (91·3–174·4)	36·8 (27·8–45·8)	5·1 (3·8–6·3)	2·8 (2·0–3·4)
Upper respiratory infections	0·1 (0·1–0·1)	10·3 (7·3–12·8)	3·7 (2·9–4·5)	1·1 (0·9–1·2)	0·2 (0·1–0·2)	<0·05 (0·1–0·05)	<0·05 (0·0–0·05)
Otitis media	0·1 (0·0–1·2)	2·4 (0·0–28·3)	3·2 (0·0–38·5)	2·3 (0·0–28·5)	0·1 (0·0–1·1)	<0·05 (0·0–0·7)	<0·05 (0·0–0·6)
Meningitis	9·9 (8·6–12·7)	961·9 (631·6–1,441·8)	657·1 (455·3–927·7)	113·0 (87·4–157·4)	23·2 (17·1–35·9)	4·4 (3·0–6·8)	2·6 (1·9–3·6)
Pneumococcal meningitis	2·5 (2·1–3·2)	178·2 (113·8–284·6)	122·3 (81·6–182·9)	19·8 (14·5–27·9)	6·3 (4·6–9·7)	1·4 (0·9–2·2)	0·9 (0·6–1·3)
H influenzae type B meningitis	2·4 (1·9–3·2)	268·5 (171·1–414·7)	187·4 (122·4–279·7)	31·2 (23·1–43·4)	8·1 (5·8–12·5)	1·4 (0·9–2·2)	0·6 (0·4–0·9)
Meningococcal infection	1·6 (1·3–2·0)	110·7 (65·7–185·7)	74·4 (48·7–111·6)	11·9 (8·5–17·7)	4·5 (3·3–7·2)	0·9 (0·7–1·4)	0·6 (0·4–0·8)
Other meningitis	3·5 (2·9–4·3)	404·5 (268·0–585·6)	272·9 (188·1–388·2)	50·1 (38·1–69·5)	4·4 (3·3–6·6)	0·7 (0·5–1·0)	0·5 (0·4–0·8)
Encephalitis	2·8 (2·3–3·5)	242·8 (138·3–417·4)	194·1 (119·5–315·1)	27·1 (18·9–39·4)	5·6 (3·7–8·9)	1·7 (0·8–3·0)	1·0 (0·5–1·7)
Diphtheria	0·1 (0·0–1·0)	–	–	1·2 (0·0–9·8)	0·7 (0·0–6·4)	0·1 (0·0–1·1)	<0·05 (0·0–0·8)
Whooping cough	3·2 (0·0–15·6)	–	–	110·9 (0·4–529·2)	5·9 (0·0–29·5)	0·3 (0·0–1·5)	0·1 (0·0–0·3)
Tetanus	5·8 (2·8–10·9)	3,234·0 (1,213·1–7,154·8)	1,629·5 (744·9–3,070·8)	33·7 (11·8–70·8)	1·1 (0·0–5·0)	0·9 (0·0–4·1)	0·5 (0·0–2·5)
Measles	12·4 (3·6–30·1)	–	–	143·9 (42·9–343·3)	76·5 (21·5–188·3)	10·3 (3·2–22·8)	2·9 (0·8–7·2)
Varicella	0·2 (0·0–1·4)	8·5 (0·0–53·1)	5·3 (0·0–35·4)	2·2 (0·0–14·7)	0·6 (0·0–3·8)	0·1 (0·0–0·8)	0·1 (0·0–0·4)
Neglected tropical diseases and malaria	24·8 (19·5–32·0)	19·8 (8·4–45·5)	356·9 (221·8–574·0)	174·7 (112·1–257·6)	84·6 (54·4–123·2)	11·4 (8·2–15·1)	7·6 (5·8–9·8)
Malaria	19·5 (14·6–26·4)	–	335·7 (200·6–556·3)	160·8 (98·3–241·3)	74·3 (45·2–112·1)	6·2 (4·0–9·1)	3·9 (2·6–5·6)
Chagas disease	0·2 (0·1–0·6)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Leishmaniasis	2·3 (1·3–4·0)	–	12·1 (4·3–27·3)	9·2 (3·4–20·2)	5·9 (2·5–12·3)	2·5 (1·2–4·7)	1·9 (1·0–3·3)
African trypanosomiasis	0·7 (0·2–1·5)	–	–	–	0·6 (0·1–1·2)	0·4 (0·1–1·0)	0·5 (0·2–1·1)
Schistosomiasis	0·2 (0·0–0·9)	–	–	<0·05 (0·0–0·0)	<0·05 (0·0–0·3)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)
Cysticercosis	<0·05 (0·0–1·4)	<0·05 (0·0–0·0)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Echinococcosis	<0·05 (0·0–3·4)	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Dengue	0·2 (0·0–0·5)	–	–	1·1 (0·1–3·2)	0·5 (0·1–1·7)	0·2 (0·0–0·5)	0·1 (0·0–0·3)
Rabies	1·1 (0·6–2·2)	–	–	1·7 (0·5–3·7)	2·1 (0·6–6·1)	1·7 (0·7–3·3)	1·0 (0·4–2·0)
Intestinal nematode infections	0·1 (0·0–0·3)	–	–	0·3 (0·0–1·5)	0·5 (0·0–2·2)	0·1 (0·0–0·4)	<0·05 (0·0–0·3)
Ascariasis	0·1 (0·0–0·3)	–	–	0·3 (0·0–1·5)	0·5 (0·0–2·2)	0·1 (0·0–0·4)	<0·05 (0·0–0·3)
Other neglected tropical diseases	0·5 (0·2–0·7)	19·8 (8·4–45·4)	9·2 (3·4–20·0)	1·6 (0·6–3·6)	0·6 (0·2–1·6)	0·2 (0·1–0·4)	0·1 (0·1–0·3)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	67·8 (57·0–76·5)	106.341·2 (87,544·8–121,796·9	7.303·0 (5,853·7–8,540·0)	149·4 (109·1–194·9)	1·7 (1·2–2·5)	–	–
Preterm birth complications	26·3 (20·3–31·2)	43,288·1 (33,101·6–52,249·0)	2,307·6 (1,625·6–2,910·9)	51·7 (34·8–69·5)	0·2 (0·1–0·4)	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	14·2 (10·7–18·8)	24.153·3 (17,984·3–31,877·5)	1.075·3 (762·4–1,564·0)	19·6 (13·3–28·1)	0·6 (0·3–1·2)	–	–
Sepsis and other infectious disorders of the newborn baby	11·9 (5·2–19·2)	17,622·6 (7,553·7–28,878·5)	1,665·0 (670·1–2,859·6)	23·9 (9·0–50·8)	0·2 (0·0–0·4)	–	–
Other neonatal disorders	15·3 (10·7–20·1)	21.277·2 (14,233·5–29,533·9)	2.255·1 (1,577·8–2,996·8)	54·1 (34·5–77·4)	0·6 (0·3–1·3)	–	–
Nutritional deficiencies	18·3 (15·6–21·5)	–	–	222·7 (175·6–281·5)	65·0 (50·2–83·8)	5·1 (3·4–7·7)	2·6 (1·8–3·9)
Protein-energy malnutrition	16·6 (12·3–19·8)	–	–	212·5 (156·3–273·2)	61·1 (45·4–81·2)	4·6 (2·9–7·1)	2·2 (1·4–3·5)
Iodine deficiency	<0·05 (0·7–0·05)	–	–	0·3 (0·2–0·4)	<0·05 (0·1–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Iron-deficiency anemia	1·5 (1·1–1·8)	–	–	8·4 (6·4–10·9)	3·8 (2·6–5·4)	0·5 (0·3–0·6)	0·4 (0·3–0·5)
Other nutritional deficiencies	0·2 (0·2–0·3)	–	–	1·5 (1·1–2·1)	0·2 (0·1–0·2)	<0·05 (0·1–0·05)	<0·05 (0·0–0·05)

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Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Other communicable, maternal, neonatal, and nutritional disorders	14·2 (11·4–16·8)	4,249·3 (2,678·9–6,314·4)	627·9 (423·8–857·1)	110·0 (78·1–145·9)	16·8 (11·0–22·7)	4·2 (3·1–5·5)	2·2 (1·7–2·8)
Sexually transmitted diseases excluding HIV	4·0 (2·5–6·3)	3,479·9 (2,055·5–5,507·9)	307·0 (182·1–491·2)	50·6 (30·1–81·4)	3·0 (1·7–4·8)	0·8 (0·5–1·2)	0·1 (0·0–0·1)
Syphilis	4·0 (2·5–6·2)	3,479·9 (2,022·3–5,495·8)	307·0 (174·4–494·1)	50·6 (29·1–80·7)	3·0 (1·7–4·8)	0·8 (0·4–1·2)	0·1 (0·0–0·1)
Sexually transmitted chlamydial diseases	–	–	–	–	–	–	–
Gonococcal infection	–	–	–	–	–	–	–
Other sexually transmitted diseases	–	–	–	–	–	–	–
Hepatitis	4·4 (4·2–4·8)	–	–	14·8 (10·5–19·8)	3·8 (2·8–5·3)	1·4 (1·0–1·8)	1·0 (0·8–1·3)
Acute hepatitis A	2·0 (0·9–4·0)	–	–	10·8 (4·3–19·6)	2·2 (0·5–4·6)	0·5 (0·2–1·1)	0·4 (0·1–0·9)
Acute hepatitis B	1·7 (1·0–2·2)	–	–	4·0 (1·2–7·8)	0·6 (0·1–1·2)	0·2 (0·1–0·4)	0·1 (0·0–0·2)
Acute hepatitis C	0·2 (0·1–0·3)	–	–	–	–	<0·05 (0·0–0·2)	<0·05 (0·0–0·05)
Acute hepatitis E	0·5 (0·3–0·9)	–	–	–	1·0 (0·5–1·9)	0·7 (0·3–1·2)	0·5 (0·3–0·9)
Other infectious diseases	5·7 (3·5–7·0)	769·3 (415·3–1,259·7)	321·0 (187·1–476·5)	44·5 (24·4–67·3)	10·0 (5·0–15·1)	2·1 (1·2–3·3)	1·1 (0·6–1·6)
Non-communicable diseases	514·8 (500·4–532·0)	9,752·3 (7,771·4–13,317·4)	1,611·9 (1,286·1–2,060·0)	340·3 (278·9–434·9)	83·3 (66·5–105·6)	23·8 (20·1–29·6)	20·5 (18·3–22·7)
Neoplasms	120·7 (110·3–133·7)	34·4 (21·8–50·7)	8·0 (4·8–12·2)	8·1 (5·9–10·8)	5·2 (3·3–7·3)	5·1 (3·8–6·1)	5·0 (3·9–5·8)
Esophageal cancer	8·3 (6·3–11·0)	–	–	–	–	–	–
Stomach cancer	17·9 (11·9–25·3)	–	–	–	–	–	–
Liver cancer	12·0 (9·3–13·8)	–	–	–	–	0·2 (0·1–0·3)	0·2 (0·1–0·4)
Liver cancer secondary to hepatitis B	5·9 (4·7–6·7)	–	–	–	–	0·1 (0·0–0·1)	0·1 (0·1–0·2)
Liver cancer secondary to hepatitis C	2·6 (2·0–2·9)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Liver cancer secondary to alcohol use	2·4 (1·8–2·7)	–	–	–	–	–	–
Other liver cancer	1·2 (0·9–1·3)	–	–	–	–	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Larynx cancer	2·7 (1·3–4·6)	–	–	–	–	–	–
Trachea, bronchus and lung cancers	28·2 (21·0–37·7)	–	–	–	–	–	–

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Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Breast cancer	–	–	–	–	–	–	–
Cervical cancer	–	–	–	–	–	–	–
Uterine cancer	–	–	–	–	–	–	–
Prostate cancer	5·8 (3·3–9·0)	–	–	–	–	–	–
Colon and rectum cancers	9·1 (7·7–9·9)	–	–	–	–	–	–
Mouth cancer	1·9 (1·6–2·0)	–	–	–	–	–	–
Nasopharynx cancer	1·1 (0·7–1·6)	–	–	–	–	0·1 (0·0–0·1)	0·1 (0·1–0·2)
Cancer of other part of pharynx and oropharynx	2·0 (1·0–2·7)	–	–	–	–	–	–
Gallbladder and biliary tract cancer	1·4 (0·8–1·9)	–	–	–	–	–	–
Pancreatic cancer	3·9 (2·8–5·4)	–	–	–	–	–	–
Malignant melanoma of skin	0·6 (0·3–1·1)	–	–	–	–	–	–
Non-melanoma skin cancer	0·4 (0·2–0·8)	–	–	–	–	–	–
Ovarian cancer	–	–	–	–	–	–	–
Testicular cancer	0·2 (0·1–0·3)	–	–	–	–	–	–
Kidney and other urinary organ cancers	1·9 (1·2–2·6)	–	–	0·4 (0·2–0·8)	0·3 (0·1–0·6)	0·2 (0·1–0·3)	0·1 (0·0–0·2)
Bladder cancer	3·3 (2·5–4·3)	–	–	–	–	–	–
Brain and nervous system cancers	2·7 (1·5–4·1)	–	–	–	0·5 (0·2–1·6)	0·8 (0·4–1·3)	0·7 (0·3–1·0)
Thyroid cancer	0·3 (0·2–0·4)	–	–	–	–	–	<0·05 (0·0–0·2)
Hodgkin's disease	0·4 (0·2–0·6)	4·6 (2·0–9·0)	1·0 (0·3–2·9)	0·1 (0·1–0·3)	0·1 (0·0–0·2)	0·1 (0·1–0·3)	0·1 (0·1–0·2)
Non-Hodgkin's lymphoma	3·1 (2·5–3·4)	–	–	0·5 (0·3–1·0)	0·8 (0·4–1·6)	0·8 (0·4–1·4)	0·8 (0·5–1·3)
Multiple myeloma	0·9 (0·5–1·5)	–	–	–	–	–	–
Leukemia	4·5 (3·3–5·5)	–	–	3·9 (2·7–5·6)	2·3 (1·4–3·0)	2·1 (1·4–2·7)	2·0 (1·4–2·6)
Other neoplasms	8·1 (5·1–11·5)	29·8 (17·6–45·5)	7·0 (3·8–11·0)	3·1 (1·8–5·0)	1·2 (0·6–2·1)	0·8 (0·5–1·2)	1·0 (0·6–1·5)

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Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Cardiovascular and circulatory diseases	215·3 (212·6–217·9)	492·3 (414·7–594·3)	142·3 (118·5–170·9)	40·3 (34·0–48·5)	9·4 (8·1–11·0)	3·4 (3·0–3·9)	3·9 (3·5–4·4)
Rheumatic heart disease	7·3 (6·3–9·1)	–	–	–	0·8 (0·4–1·6)	0·5 (0·3–0·8)	0·8 (0·6–1·2)
Ischemic heart disease	100·4 (95·3–112·2)	–	–	8·5 (5·3–12·4)	2·0 (1·3–2·7)	0·7 (0·6–0·9)	0·9 (0·6–1·1)
Cerebrovascular disease	79·3 (73·1–90·0)	211·3 (140·8–296·0)	59·8 (40·6–82·8)	12·5 (8·5–17·3)	2·6 (1·9–3·5)	1·1 (0·8–1·4)	1·2 (0·9–1·4)
Ischemic stroke	34·8 (30·4–42·6)	–	–	2·4 (1·7–3·5)	0·5 (0·3–0·6)	0·2 (0·1–0·2)	0·2 (0·1–0·2)
Hemorrhagic and other non-ischemic stroke	44·5 (35·9–55·9)	211·3 (133·9–345·9)	59·8 (38·2–103·8)	10·1 (6·3–15·7)	2·1 (1·4–3·2)	0·9 (0·6–1·3)	1·0 (0·7–1·3)
Hypertensive heart disease	9·2 (8·1–11·3)	–	–	1·0 (0·6–1·4)	0·2 (0·1–0·3)	0·1 (0·1–0·1)	0·1 (0·1–0·1)
Cardiomyopathy and myocarditis	6·2 (5·2–7·1)	118·4 (50·0–191·7)	43·2 (16·6–68·5)	7·5 (2·7–11·9)	2·0 (0·5–3·3)	0·5 (0·2–0·7)	0·5 (0·3–0·7)
Atrial fibrillation and flutter	0·5 (0·3–0·7)	–	–	–	–	–	–
Aortic aneurysm	2·9 (1·9–4·2)	–	–	–	–	–	–
Peripheral vascular disease	0·3 (0·1–0·6)	–	–	–	–	–	–
Endocarditis	0·7 (0·6–0·9)	15·3 (10·3–23·1)	6·3 (4·5–8·9)	2·0 (1·5–2·9)	0·4 (0·3–0·5)	0·1 (0·1–0·1)	0·1 (0·1–0·1)
Other cardiovascular and circulatory diseases	8·6 (8·2–8·9)	147·2 (98·8–211·7)	32·9 (19·6–52·7)	8·8 (5·0–14·0)	1·3 (0·6–2·4)	0·4 (0·3–0·6)	0·4 (0·3–0·5)
Chronic respiratory diseases	81·2 (79·0–83·5)	344·0 (261·4–490·2)	158·1 (120·6–218·2)	53·9 (44·6–64·2)	13·0 (11·1–15·2)	1·8 (1·5–2·1)	1·5 (1·3–1·7)
Chronic obstructive pulmonary disease	61·9 (55·1–70·6)	–	–	25·8 (17·1–36·2)	4·0 (2·7–5·4)	0·5 (0·4–0·7)	0·4 (0·3–0·6)
Pneumoconiosis	4·2 (1·5–8·9)	–	–	–	0·5 (0·1–1·3)	0·1 (0·0–0·2)	0·1 (0·0–0·1)
Asthma	8·0 (4·5–14·8)	–	–	–	4·3 (0·9–11·0)	0·7 (0·2–1·7)	0·7 (0·2–1·4)
Other interstitial lung disease	1·5 (0·9–2·3)	–	–	–	0·3 (0·0–0·8)	<0·05 (0·0–0·3)	<0·05 (0·0–0·2)
Other chronic respiratory diseases	5·5 (3·7–8·1)	344·0 (195·3–557·6)	158·1 (77·0–250·5)	28·1 (11·0–49·3)	4·0 (1·1–6·8)	0·4 (0·2–0·7)	0·3 (0·2–0·6)
Cirrhosis of the liver	18·9 (14·8–22·4)	–	–	–	3·3 (2·4–4·7)	0·6 (0·5–0·8)	0·6 (0·4–0·8)
Cirrhosis of the liver secondary to hepatitis B	5·7 (4·2–6·9)	–	–	–	0·2 (0·2–0·3)	0·1 (0·1–0·2)	0·2 (0·1–0·2)
Cirrhosis of the liver secondary to hepatitis C	4·3 (3·3–5·3)	–	–	–	0·1 (0·1–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)
Cirrhosis of the liver secondary to alcohol use	6·3 (4·9–7·8)	–	–	–	–	–	–

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Other cirrhosis of the liver	2·6 (2·0–3·3)	–	–	–	3·0 (2·2–4·5)	0·5 (0·4–0·6)	0·4 (0·3–0·5)
Digestive diseases (except cirrhosis)	19·6 (16·2–23·0)	–	–	–	13·6 (10·5–17·5)	1·9 (1·5–2·4)	1·6 (1·2–1·9)
Peptic ulcer disease	7·3 (5·6–7·8)	–	–	–	2·4 (1·6–3·5)	0·5 (0·4–0·7)	0·5 (0·3–0·6)
Gastritis and duodenitis	0·3 (0·2–0·4)	–	–	–	0·2 (0·1–0·5)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Appendicitis	0·8 (0·4–1·4)	–	–	–	2·0 (0·5–4·9)	0·3 (0·1–0·6)	0·2 (0·1–0·4)
Paralytic ileus and intestinal obstruction without hernia	2·4 (1·2–3·2)	–	–	–	3·3 (1·0–7·0)	0·4 (0·2–0·6)	0·3 (0·1–0·4)
Inguinal or femoral hernia	0·4 (0·4–0·4)	–	–	–	0·5 (0·4–0·5)	0·1 (0·1–0·1)	<0·05 (0·1–0·05)
Noninfective inflammatory bowel disease	0·5 (0·3–0·7)	–	–	–	1·2 (0·2–2·7)	0·1 (0·0–0·2)	<0·05 (0·1–0·3)
Vascular disorders of intestine	0·9 (0·2–2·6)	–	–	–	0·1 (0·0–0·3)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)
Gall bladder and bile duct disease	1·2 (0·9–1·5)	–	–	–	0·7 (0·2–1·6)	0·1 (0·1–0·2)	0·1 (0·0–0·1)
Pancreatitis	1·2 (0·8–1·6)	–	–	–	0·2 (0·1–0·4)	<0·05 (0·1–0·2)	<0·05 (0·1–0·2)
Other digestive diseases	4·7 (3·3–5·5)	–	–	–	3·1 (1·6–5·7)	0·4 (0·2–0·6)	0·3 (0·2–0·5)
Neurological disorders	10·6 (7·9–12·9)	–	–	13·2 (8·2–25·7)	5·7 (2·6–13·4)	2·4 (1·5–3·8)	2·5 (1·6–3·7)
Alzheimer's disease and other dementias	1·8 (1·2–2·4)	–	–	–	–	0·3 (0·1–0·5)	0·2 (0·1–0·2)
Parkinson's disease	1·0 (0·7–1·6)	–	–	–	–	–	–
Epilepsy	2·7 (1·7–3·7)	–	–	5·4 (2·2–11·7)	3·7 (1·1–10·2)	1·1 (0·6–1·9)	1·1 (0·7–1·6)
Multiple sclerosis	0·3 (0·2–0·3)	–	–	–	–	–	–
Other neurological disorders	4·8 (2·6–7·3)	–	–	7·9 (4·5–17·6)	2·0 (1·1–5·2)	1·0 (0·5–2·0)	1·2 (0·6–2·3)
Mental and behavioral disorders	3·7 (2·3–5·6)	9·1 (2·5–22·2)	3·5 (0·9–7·6)	0·6 (0·2–1·7)	0·5 (0·2–0·9)	0·1 (0·1–0·3)	0·1 (0·0–0·2)
Schizophrenia	0·4 (0·2–0·5)	–	–	–	–	–	–
Alcohol use disorders	2·2 (1·0–3·8)	–	–	–	–	–	–
Drug use disorders	0·7 (0·3–1·6)	9·1 (2·5–22·2)	3·5 (0·9–7·6)	0·6 (0·2–1·7)	0·3 (0·1–0·7)	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Opioid use disorders	0·2 (0·1–0·5)	3·0 (0·8–7·2)	1·1 (0·3–2·5)	0·2 (0·1–0·5)	0·1 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Cocaine use disorders	<0·05 (0·4–2·1)	0·4 (0·1–1·1)	0·1 (0·0–0·3)	<0·05 (0·0–0·0)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Amphetamine use disorders	<0·05 (0·1–0·05)	0·1 (0·0–0·2)	<0·05 (0·0–0·0)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·4 (0·2–1·0)	5·6 (1·5–13·6)	2·2 (0·6–4·7)	0·4 (0·1–1·1)	0·2 (0·0–0·5)	0·1 (0·0–0·1)	<0·05 (0·0–0·3)
Eating disorders	0·1 (0·0–0·1)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other mental and behavioral disorders	0·3 (0·1–0·4)	–	–	–	0·1 (0·0–0·3)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)
Diabetes, urogenital, blood, and endocrine diseases	27·7 (24·7–35·9)	310·3 (149·0–663·0)	74·5 (41·2–100·0)	42·6 (27·2–75·5)	13·1 (6·4–26·6)	4·5 (2·5–10·5)	3·0 (2·2–5·0)
Diabetes mellitus	10·8 (9·1–13·2)	40·2 (23·9–57·0)	9·7 (5·6–13·9)	4·6 (2·3–7·3)	0·9 (0·4–1·3)	0·3 (0·2–0·4)	0·3 (0·2–0·4)
Acute glomerulonephritis	3·4 (1·2–10·8)	–	–	10·7 (2·1–40·8)	4·5 (0·5–17·0)	2·0 (0·4–8·2)	0·8 (0·2–2·8)
Chronic kidney diseases	7·9 (7·1–9·3)	–	–	8·8 (4·2–15·4)	2·5 (1·3–3·8)	0·7 (0·4–1·2)	0·7 (0·5–1·1)
Chronic kidney disease due to diabetes mellitus	1·7 (1·5–2·1)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Chronic kidney disease due to hypertension	1·9 (1·7–2·2)	–	–	1·1 (0·5–2·0)	0·3 (0·2–0·5)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Chronic kidney disease unspecified	4·4 (3·8–5·0)	–	–	7·7 (3·7–13·5)	2·2 (1·2–3·4)	0·6 (0·4–1·0)	0·6 (0·4–0·9)
Urinary diseases and male infertility	2·6 (1·4–3·4)	35·4 (13·1–69·9)	16·4 (5·5–30·5)	5·1 (1·8–10·9)	1·0 (0·3–1·8)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	1·4 (0·9–2·0)	14·6 (4·7–28·7)	6·6 (2·0–12·8)	2·3 (0·8–4·6)	0·4 (0·1–0·8)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Urolithiasis	0·4 (0·2–0·7)	–	–	–	–	<0·05 (0·0–0·3)	<0·05 (0·0–0·2)
Other urinary diseases	0·8 (0·4–1·2)	20·8 (5·6–50·2)	9·8 (2·3–21·4)	2·8 (0·5–7·8)	0·6 (0·1–1·1)	0·1 (0·0–0·1)	<0·05 (0·0–0·2)
Gynecological diseases	–	–	–	–	–	–	–
Uterine fibroids	–	–	–	–	–	–	–
Endometriosis	–	–	–	–	–	–	–
Genital prolapse	–	–	–	–	–	–	–
Other gynecological diseases	–	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	1·9 (1·0–2·9)	178·1 (50·5–516·2)	33·1 (13·6–51·4)	8·7 (3·0–14·3)	3·4 (0·8–6·5)	1·0 (0·4–1·7)	0·9 (0·4–1·5)
Thalassemias	0·4 (0·3–0·7)	2·8 (1·4–5·1)	2·3 (1·2–3·7)	1·2 (0·5–2·1)	0·8 (0·3–1·4)	0·4 (0·2–0·7)	0·4 (0·2–0·7)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990

Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Sickle cell disorders	0·4 (0·2–0·7)	6·9 (4·1–11·5)	5·5 (2·9–9·7)	2·7 (1·3–4·9)	1·5 (0·4–3·2)	0·4 (0·2–0·7)	0·2 (0·2–0·4)
G6PD deficiency	0·1 (0·1–0·1)	0·3 (0·2–0·8)	0·3 (0·1–0·5)	0·2 (0·1–0·4)	0·1 (0·1–0·3)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other hemoglobinopathies and hemolytic anemias	0·9 (0·5–1·5)	168·0 (62·4–489·3)	25·0 (13·5–41·7)	4·6 (1·6–8·6)	1·0 (0·1–2·5)	0·1 (0·0–0·4)	0·1 (0·0–0·4)
Other endocrine, nutritional, blood, and immune disorders	1·2 (0·5–2·0)	56·6 (17·4–97·4)	15·3 (4·5–23·9)	4·7 (1·5–7·3)	0·8 (0·2–1·9)	0·3 (0·1–0·4)	0·2 (0·1–0·3)
Musculoskeletal disorders	0·9 (0·4–1·3)	–	–	–	–	0·1 (0·0–0·2)	0·1 (0·1–0·2)
Rheumatoid arthritis	0·5 (0·3–0·7)	–	–	–	–	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other musculoskeletal disorders	0·4 (0·2–0·6)	–	–	–	–	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other non-communicable diseases	16·2 (12·8–21·5)	8,562·3 (6,690·1–12,231·5)	1,225·5 (921·7–1,702·9)	181·7 (133·5–266·9)	19·4 (12·7–30·6)	3·8 (2·7–6·0)	2·2 (1·7–3·1)
Congenital anomalies	13·6 (10·5–19·3)	8,562·3 (6,690·1–12,231·5)	1,114·3 (857·4–1,604·1)	151·9 (107·7–233·5)	17·6 (11·2–28·6)	3·5 (2·4–5·6)	2·0 (1·4–2·8)
Neural tube defects	2·4 (1·3–3·6)	2,495·7 (1,274·9–3,995·1)	199·0 (98·3–331·2)	19·0 (8·5–34·9)	2·0 (0·8–4·2)	0·5 (0·2–1·2)	0·2 (0·1–0·5)
Congenital heart anomalies	5·8 (4·8–7·9)	3,104·9 (2,532·8–4,115·5)	487·4 (359·5–761·0)	64·0 (46·6–99·0)	8·4 (5·7–14·3)	1·7 (1·2–2·7)	1·1 (0·7–1·5)
Cleft lip and cleft palate	0·3 (0·1–0·5)	132·6 (47·5–279·9)	35·1 (10·1–82·2)	4·1 (1·2–11·2)	0·4 (0·1–1·2)	–	–
Down's syndrome	0·4 (0·2–0·7)	121·2 (42·5–253·0)	22·8 (7·0–49·2)	4·3 (1·4–10·1)	0·8 (0·2–2·1)	0·1 (0·0–0·3)	0·1 (0·0–0·2)
Other chromosomal abnormalities	0·6 (0·2–1·5)	470·4 (148·5–1,325·2)	73·1 (20·7–200·2)	6·7 (1·7–20·5)	0·5 (0·1–1·6)	0·1 (0·0–0·3)	0·1 (0·0–0·2)
Other congenital anomalies	4·2 (2·3–6·6)	2,237·5 (1,243·8–3,806·3)	296·8 (138·0–514·4)	53·8 (24·9–101·8)	5·6 (2·1–11·7)	1·1 (0·5–2·2)	0·5 (0·3–0·9)
Skin and subcutaneous diseases	1·9 (1·3–2·3)	–	–	10·1 (4·6–16·0)	1·8 (0·5–2·7)	0·3 (0·2–0·5)	0·3 (0·1–0·4)
Cellulitis	0·5 (0·4–0·6)	–	–	2·0 (0·9–3·2)	0·6 (0·2–0·9)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Abscess, impetigo, and other bacterial skin diseases	0·8 (0·6–1·1)	–	–	8·0 (3·7–12·8)	1·2 (0·3–1·8)	0·2 (0·1–0·2)	0·1 (0·1–0·2)
Decubitus ulcer	0·5 (0·4–0·7)	–	–	–	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	0·6 (0·3–1·3)	–	111·2 (31·8–279·1)	19·8 (9·4–43·3)	–	–	–
Injuries	101·2 (93·3–114·3)	901·5 (742·3–1,105·8)	293·2 (236·4–354·8)	133·0 (105·1–158·2)	97·3 (66·6–122·1)	32·5 (27·9–37·8)	28·7 (25·8–32·5)
Transport injuries	26·4 (20·5–35·1)	48·2 (26·2–69·5)	19·7 (9·4–31·9)	11·3 (6·5–16·1)	16·5 (10·5–25·7)	9·0 (6·7–11·7)	7·5 (5·6–9·6)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Road injury	25·1 (19·9–33·1)	40·2 (21·5–60·8)	13·9 (7·3–23·5)	10·4 (5·7–16·1)	15·3 (8·6–25·1)	8·5 (6·3–11·6)	7·0 (5·5–9·3)
Pedestrian injury by road vehicle	8·4 (5·7–10·3)	9·6 (5·0–21·4)	2·1 (1·0–4·6)	2·5 (0·9–5·2)	7·3 (2·6–13·7)	3·8 (2·6–5·4)	2·7 (1·9–3·7)
Pedal cycle vehicle	1·6 (1·1–1·9)	–	–	–	0·7 (0·2–1·2)	0·7 (0·3–1·2)	0·8 (0·5–1·2)
Motorized vehicle with two wheels	4·0 (2·9–5·0)	3·7 (2·0–6·1)	1·5 (0·7–2·6)	0·9 (0·4–1·5)	1·3 (0·5–2·3)	0·8 (0·4–1·3)	0·8 (0·5–1·1)
Motorized vehicle with three or more wheels	9·0 (6·8–11·7)	19·4 (7·8–37·3)	8·5 (2·6–19·4)	5·6 (2·0–11·1)	4·6 (1·6–8·1)	2·4 (1·3–3·6)	2·1 (1·3–2·8)
Road injury other	2·2 (0·8–4·9)	7·4 (1·5–22·8)	1·8 (0·4–5·8)	1·4 (0·3–4·0)	1·4 (0·2–4·3)	0·8 (0·2–2·0)	0·7 (0·2–1·5)
Other transport injury	1·4 (1·1–1·8)	8·0 (4·7–16·5)	5·8 (2·3–13·1)	0·9 (0·3–1·5)	1·2 (0·2–1·7)	0·4 (0·2–0·8)	0·4 (0·3–0·7)
Unintentional injuries other than transport injuries	46·9 (42·9–53·9)	652·2 (513·0–828·5)	235·2 (184·5–296·8)	113·4 (89·0–136·1)	77·3 (52·1–97·1)	22·2 (18·9–26·4)	17·0 (14·8–19·5)
Falls	7·6 (6·4–9·8)	43·9 (29·4–62·4)	16·3 (9·3–27·0)	10·3 (6·0–17·7)	6·8 (3·3–10·7)	2·0 (1·4–2·6)	1·7 (1·2–2·3)
Drowning	10·8 (8·1–13·7)	47·9 (30·8–82·0)	7·5 (3·4–10·9)	10·1 (5·9–14·4)	34·6 (17·9–46·9)	10·2 (7·0–12·5)	7·0 (5·6–8·9)
Fire, heat and hot substances	4·7 (3·6–5·9)	32·1 (21·3–49·7)	21·0 (12·6–29·6)	13·3 (6·8–20·3)	12·8 (6·4–19·2)	2·1 (1·5–2·8)	1·1 (0·8–1·4)
Poisonings	4·9 (3·6–9·1)	46·7 (26·9–97·9)	26·3 (11·7–61·4)	7·2 (3·8–14·8)	6·4 (2·8–12·9)	1·2 (0·7–2·5)	1·0 (0·7–2·0)
Exposure to mechanical forces	7·1 (4·9–11·3)	29·2 (15·0–64·7)	10·5 (4·0–23·0)	4·2 (1·5–9·2)	5·8 (2·2–13·3)	2·7 (1·4–6·1)	2·6 (1·4–4·3)
Mechanical forces (firearm)	3·1 (1·9–4·2)	18·1 (8·3–36·8)	5·6 (2·1–10·6)	2·0 (0·8–4·1)	2·5 (0·7–6·0)	1·3 (0·5–3·3)	1·4 (0·7–2·5)
Mechanical forces (other)	4·0 (2·8–5·4)	11·0 (7·3–24·9)	4·9 (2·1–11·9)	2·3 (0·9–4·2)	3·3 (1·2–6·6)	1·4 (0·7–3·0)	1·1 (0·6–2·1)
Adverse effects of medical treatment	0·9 (0·8–1·1)	56·1 (37·0–87·4)	22·2 (12·2–35·7)	4·2 (2·1–6·8)	1·1 (0·4–1·7)	0·2 (0·1–0·3)	0·1 (0·1–0·2)
Animal contact	1·5 (0·8–2·0)	51·4 (17·0–148·3)	16·0 (7·0–32·2)	2·8 (1·2–5·6)	1·6 (0·7–4·1)	1·3 (0·6–2·1)	1·0 (0·5–1·5)
Animal contact (venomous)	1·1 (0·5–2·2)	25·1 (6·2–84·3)	9·3 (2·8–24·1)	2·3 (0·8–5·7)	1·2 (0·4–3·6)	1·1 (0·3–2·2)	0·8 (0·3–1·5)
Animal contact (non-venomous)	0·4 (0·2–0·5)	26·4 (7·5–92·7)	6·7 (1·8–15·4)	0·5 (0·2–1·1)	0·3 (0·1–0·9)	0·2 (0·1–0·4)	0·2 (0·1–0·3)
Unintentional injuries not classified elsewhere	9·4 (7·7–10·2)	345·0 (238·3–490·5)	115·4 (84·4–166·6)	61·3 (46·1–81·5)	8·2 (6·5–10·3)	2·5 (2·0–3·2)	2·5 (1·9–3·1)
Self-harm and interpersonal violence	25·6 (20·7–30·9)	108·9 (50·2–163·5)	15·7 (5·3–28·7)	4·1 (2·2–6·2)	2·2 (1·1–3·4)	1·0 (0·7–1·4)	3·1 (2·4–4·3)
Self-harm	15·4 (11·3–20·9)	–	–	–	–	0·2 (0·1–0·4)	1·7 (1·3–2·8)
Interpersonal violence	10·2 (6·7–13·2)	108·9 (50·2–163·5)	15·7 (5·3–28·7)	4·1 (2·2–6·2)	2·2 (1·1–3·4)	0·8 (0·5–1·1)	1·3 (0·8–1·9)

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Cause	**Males, All Ages**	**Males, 0-6 Days**	**Males, 7-27 Days**	**Males, 28-364 Days**	**Males, 1-4 Years**	**Males, 5-9 Years**	**Males, 10-14 Years**
	4·6	18·7	2·7	1·0	0·6	0·3	0·6
Assault by firearm	(3·4–5·8)	(6·8–32·1)	(1·0–4·1)	(0·4–1·6)	(0·2–0·9)	(0·1–0·4)	(0·4–0·9)
	2·5	8·5	1·0	0·4	0·2	0·1	0·2
Assault by sharp object	(1·5–3·9)	(4·0–20·9)	(0·4–2·0)	(0·2–0·9)	(0·1–0·6)	(0·0–0·2)	(0·1–0·4)
	3·0	81·8	12·0	2·7	1·4	0·4	0·5
Assault by other means	(2·0–3·5)	(42·9–148·8)	(4·5–25·0)	(1·5–4·8)	(0·6–2·5)	(0·3–0·6)	(0·3–0·7)
	2·2	92·1	22·6	4·3	1·3	0·3	1·2
Forces of nature, war, and legal intervention	(1·4–4·7)	(68·6–120·7)	(17·4–29·1)	(3·5–5·5)	(1·0–1·7)	(0·3–0·4)	(0·7–2·9)
	0·8	26·5	6·4	1·5	0·3	0·1	0·4
Exposure to forces of nature	(0·4–1·7)	(16·4–39·4)	(4·8–8·7)	(1·1–2·0)	(0·2–0·4)	(0·1–0·1)	(0·2–1·0)
	1·5	65·6	16·1	2·8	1·0	0·2	0·9
Collective violence and legal intervention	(0·9–2·9)	(49·6–86·3)	(12·4–20·8)	(2·3–3·5)	(0·8–1·4)	(0·2–0·3)	(0·5–1·9)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
All causes	150·3 (141·9–160·7)	218·3 (205·9–233·4)	247·7 (234·9–263·7)	293·6 (278·0–312·5)	374·4 (350·1–403·5)	502·4 (470·3–537·5)	734·6 (688·6–790·5)
Communicable, maternal, neonatal, and nutritional disorders	38·5 (33·4–43·7)	51·3 (45·5–57·8)	66·5 (59·7–75·3)	82·8 (74·5–94·9)	99·9 (88·6–114·9)	119·1 (104·3–138·4)	159·0 (136·1–187·7)
HIV/AIDS and tuberculosis	5·8 (4·4–7·5)	14·7 (12·1–18·2)	27·8 (23·4–34·1)	39·5 (33·5–49·0)	50·3 (40·9–61·6)	58·0 (46·9–71·2)	76·1 (58·8–96·0)
Tuberculosis	5·2 (3·8–6·9)	11·1 (8·6–14·3)	17·8 (14·0–22·9)	25·0 (19·9–32·6)	33·9 (25·5–43·5)	41·6 (31·3–53·7)	60·5 (44·3–77·4)
HIV/AIDS	0·6 (0·4–1·0)	3·5 (2·5–5·0)	10·0 (7·7–13·1)	14·5 (11·4–18·9)	16·4 (12·8–21·2)	16·5 (12·5–21·7)	15·6 (10·6–21·6)
HIV disease resulting in mycobacterial infection	0·1 (0·1–0·2)	0·7 (0·4–1·0)	1·7 (1·2–2·3)	2·3 (1·7–3·1)	2·6 (1·9–3·5)	2·5 (1·8–3·6)	2·5 (1·5–3·6)
HIV disease resulting in other specified or unspecified diseases	0·5 (0·3–0·8)	2·9 (2·0–4·1)	8·3 (6·4–11·0)	12·2 (9·6–15·7)	13·8 (10·7–17·6)	13·9 (10·6–18·3)	13·2 (9·1–18·1)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	19·0 (15·0–23·3)	20·1 (16·1–24·3)	21·8 (18·0–26·5)	24·9 (20·5–30·0)	28·4 (24·0–34·5)	34·8 (29·3–42·2)	47·5 (40·1–58·3)
Diarrheal diseases	5·4 (3·7–8·0)	6·2 (4·3–9·1)	7·4 (5·5–10·2)	8·8 (6·6–11·8)	10·3 (7·7–14·4)	12·1 (8·7–16·9)	16·4 (11·9–23·5)
Cholera	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·4 (0·2–0·7)	0·4 (0·3–0·8)	0·5 (0·3–0·8)
Other salmonella infections	0·6 (0·4–1·0)	0·7 (0·4–1·1)	0·8 (0·5–1·2)	0·8 (0·5–1·2)	0·9 (0·6–1·4)	1·0 (0·6–1·6)	1·2 (0·8–2·0)
Shigellosis	0·7 (0·4–1·2)	0·8 (0·5–1·2)	0·8 (0·5–1·3)	0·9 (0·6–1·4)	1·0 (0·6–1·5)	1·1 (0·6–1·7)	1·5 (0·9–2·3)
Enteropathogenic E coli infection	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·0–0·2)	0·2 (0·1–0·3)
Enterotoxigenic E coli infection	0·5 (0·3–0·8)	0·6 (0·4–1·0)	0·8 (0·5–1·2)	1·0 (0·6–1·5)	1·3 (0·8–2·0)	1·5 (1·0–2·5)	2·0 (1·3–3·1)
Campylobacter enteritis	0·3 (0·2–0·6)	0·4 (0·2–0·6)	0·4 (0·3–0·7)	0·5 (0·3–0·7)	0·5 (0·3–0·8)	0·6 (0·4–1·0)	0·8 (0·5–1·4)
Amoebiasis	0·2 (0·1–0·3)	0·2 (0·2–0·4)	0·3 (0·2–0·5)	0·4 (0·3–0·6)	0·6 (0·4–0·8)	0·7 (0·5–1·1)	1·0 (0·7–1·6)
Cryptosporidiosis	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·2–0·4)	0·3 (0·2–0·5)
Rotaviral enteritis	0·5 (0·3–0·9)	0·6 (0·4–0·9)	0·6 (0·4–1·0)	0·7 (0·5–1·0)	0·7 (0·5–1·1)	0·8 (0·5–1·3)	1·2 (0·8–1·9)
Other diarrheal diseases	2·1 (1·1–3·6)	2·5 (1·3–4·2)	3·1 (1·8–5·0)	3·8 (2·2–6·1)	4·6 (2·8–7·4)	5·5 (3·2–8·9)	7·6 (4·3–12·6)
Typhoid and paratyphoid fevers	3·1 (0·4–5·7)	2·9 (0·3–5·5)	2·6 (0·3–4·9)	2·3 (0·3–4·3)	2·0 (0·2–3·6)	1·7 (0·2–3·2)	1·6 (0·2–3·1)
Lower respiratory infections	5·3 (3·8–6·3)	6·3 (4·5–7·6)	7·4 (5·3–8·9)	9·3 (6·8–11·2)	11·4 (8·7–13·8)	15·0 (11·0–18·5)	22·7 (17·3–28·3)
Influenza	1·1 (0·8–1·3)	1·3 (0·9–1·6)	1·6 (1·1–1·9)	2·1 (1·5–2·6)	2·7 (2·1–3·3)	3·6 (2·6–4·5)	5·3 (4·1–6·7)
Pneumococcal pneumonia	1·0 (0·7–1·2)	1·3 (0·9–1·5)	1·6 (1·2–2·0)	2·3 (1·6–2·8)	3·0 (2·3–3·7)	4·2 (3·1–5·3)	6·4 (4·9–8·0)
H influenzae type B pneumonia	1·0 (0·7–1·2)	1·2 (0·8–1·4)	1·3 (0·9–1·6)	1·6 (1·2–2·0)	1·9 (1·5–2·4)	2·5 (1·8–3·2)	3·4 (2·6–4·4)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Respiratory syncytial virus pneumonia	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·2–0·3)
Other lower respiratory infections	2·2 (1·6–2·8)	2·5 (1·8–3·0)	2·7 (1·9–3·4)	3·2 (2·3–3·9)	3·6 (2·7–4·5)	4·5 (3·3–5·6)	7·3 (5·4–9·0)
Upper respiratory infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Otitis media	<0·05 (0·0–0·7)	<0·05 (0·0–0·5)	<0·05 (0·0–0·4)	<0·05 (0·0–0·5)	<0·05 (0·0–0·5)	<0·05 (0·0–0·5)	<0·05 (0·0–0·6)
Meningitis	2·7 (2·2–3·4)	2·7 (2·1–3·6)	2·6 (2·0–3·4)	2·6 (2·0–3·5)	2·8 (2·2–3·9)	3·5 (2·7–4·8)	3·9 (3·0–5·3)
Pneumococcal meningitis	0·9 (0·7–1·2)	1·0 (0·7–1·3)	1·0 (0·7–1·3)	1·0 (0·7–1·3)	1·0 (0·7–1·4)	1·2 (0·9–1·7)	1·3 (1·0–1·9)
H influenzae type B meningitis	0·4 (0·3–0·5)	0·2 (0·2–0·3)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·2–0·3)
Meningococcal infection	0·6 (0·5–0·8)	0·6 (0·4–0·8)	0·6 (0·4–0·8)	0·6 (0·4–0·7)	0·6 (0·5–0·8)	0·7 (0·5–0·9)	0·8 (0·6–1·0)
Other meningitis	0·8 (0·6–1·0)	0·9 (0·7–1·2)	1·0 (0·7–1·3)	1·0 (0·8–1·3)	1·1 (0·9–1·5)	1·4 (1·0–1·9)	1·6 (1·3–2·1)
Encephalitis	0·8 (0·5–1·3)	0·8 (0·5–1·4)	0·8 (0·5–1·5)	0·9 (0·5–1·6)	0·9 (0·5–1·5)	1·2 (0·7–2·1)	1·2 (0·6–2·1)
Diphtheria	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)
Whooping cough	<0·05 (0·0–0·5)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	0·1 (0·0–0·3)	0·1 (0·0–0·4)
Tetanus	0·4 (0·0–1·8)	0·4 (0·0–2·0)	0·5 (0·0–2·1)	0·6 (0·0–2·7)	0·8 (0·0–3·5)	1·0 (0·0–4·5)	1·4 (0·0–6·6)
Measles	1·3 (0·4–3·2)	0·7 (0·2–1·7)	0·3 (0·1–0·9)	0·2 (0·1–0·5)	0·2 (0·0–0·4)	0·1 (0·0–0·4)	0·1 (0·0–0·3)
Varicella	<0·05 (0·0–0·7)	<0·05 (0·0–0·7)	0·1 (0·0–0·4)	0·1 (0·0–0·6)	0·1 (0·0–0·5)	0·1 (0·0–0·4)	0·1 (0·0–0·5)
Neglected tropical diseases and malaria	8·4 (6·1–11·7)	10·0 (7·3–13·7)	10·0 (7·3–14·3)	10·0 (7·0–16·3)	10·9 (8·0–16·9)	13·1 (9·4–20·7)	16·6 (11·7–28·1)
Malaria	5·2 (3·3–8·2)	6·5 (4·2–10·1)	6·4 (4·2–10·7)	6·4 (3·7–12·7)	7·1 (4·4–13·2)	8·8 (5·6–16·3)	11·7 (7·4–22·8)
Chagas disease	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)	<0·05 (0·0–0·3)	0·1 (0·0–0·3)	0·2 (0·0–0·4)	0·3 (0·0–0·8)	0·4 (0·1–1·1)
Leishmaniasis	1·6 (0·8–3·0)	1·5 (0·8–2·6)	1·4 (0·7–2·3)	1·3 (0·7–2·3)	1·5 (0·8–2·5)	1·5 (0·8–2·7)	1·7 (0·9–3·0)
African trypanosomiasis	0·8 (0·2–1·6)	1·0 (0·3–2·1)	1·1 (0·3–2·4)	1·1 (0·3–2·4)	0·9 (0·3–2·0)	0·9 (0·3–1·9)	0·8 (0·2–1·7)
Schistosomiasis	<0·05 (0·0–0·5)	<0·05 (0·0–0·7)	0·1 (0·0–0·3)	0·1 (0·0–0·4)	0·1 (0·0–0·7)	0·2 (0·0–1·0)	0·3 (0·0–1·6)
Cysticercosis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Echinococcosis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)
Dengue	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·4)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·3)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Rabies	0·5 (0·2–1·0)	0·6 (0·3–1·3)	0·6 (0·3–1·4)	0·6 (0·3–1·3)	0·7 (0·3–1·5)	0·9 (0·4–2·0)	1·0 (0·5–2·2)
Intestinal nematode infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Ascariasis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other neglected tropical diseases	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·1–0·5)	0·3 (0·1–0·5)	0·3 (0·1–0·6)	0·4 (0·2–0·8)	0·5 (0·2–1·1)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	2·4 (1·6–3·7)	2·8 (1·9–4·4)	2·9 (2·1–4·0)	3·3 (2·3–5·0)	4·1 (2·8–6·2)	5·1 (3·5–8·2)	7·1 (4·7–11·4)
Protein-energy malnutrition	1·9 (1·1–3·0)	2·2 (1·4–3·7)	2·3 (1·5–3·4)	2·7 (1·7–4·4)	3·4 (2·0–5·5)	4·3 (2·5–7·3)	5·9 (3·5–10·1)
Iodine deficiency	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Iron-deficiency anemia	0·5 (0·3–0·6)	0·5 (0·4–0·7)	0·5 (0·4–0·7)	0·6 (0·4–0·8)	0·6 (0·4–0·8)	0·8 (0·5–1·0)	1·0 (0·7–1·3)
Other nutritional deficiencies	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)
Other communicable, maternal, neonatal, and nutritional disorders	2·8 (2·2–3·5)	3·6 (3·0–4·4)	4·0 (3·2–4·8)	5·1 (4·0–6·3)	6·2 (4·9–7·9)	8·1 (6·6–9·6)	11·6 (9·3–14·5)
Sexually transmitted diseases excluding HIV	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·1–0·5)	0·3 (0·1–0·6)	0·4 (0·2–0·7)	0·4 (0·2–0·7)
Syphilis	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·1–0·5)	0·3 (0·1–0·6)	0·4 (0·2–0·8)	0·4 (0·2–0·7)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Sexually transmitted chlamydial diseases	–	–	–	–	–	–	–
Gonococcal infection	–	–	–	–	–	–	–
Other sexually transmitted diseases	–	–	–	–	–	–	–
Hepatitis	1·5 (1·2–1·9)	2·1 (1·7–2·7)	2·4 (1·9–2·9)	3·0 (2·4–3·8)	3·7 (2·9–4·7)	5·2 (4·2–6·4)	7·6 (5·9–9·9)
Acute hepatitis A	0·5 (0·1–1·3)	0·7 (0·2–1·9)	0·8 (0·2–2·0)	1·2 (0·3–2·8)	1·4 (0·4–3·3)	2·1 (0·7–4·6)	3·1 (0·9–7·3)
Acute hepatitis B	0·3 (0·1–0·5)	0·5 (0·2–0·9)	0·8 (0·3–1·3)	1·1 (0·5–1·8)	1·7 (0·9–2·7)	2·6 (1·3–3·9)	4·1 (2·1–6·2)
Acute hepatitis C	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·5)	0·4 (0·2–0·7)
Acute hepatitis E	0·8 (0·4–1·3)	0·9 (0·4–1·6)	0·7 (0·3–1·2)	0·6 (0·3–1·1)	0·4 (0·2–0·8)	0·2 (0·1–0·5)	0·1 (0·0–0·3)
Other infectious diseases	1·2 (0·7–1·8)	1·3 (0·7–1·7)	1·5 (0·8–2·1)	1·9 (1·0–2·6)	2·2 (1·2–3·3)	2·4 (1·4–3·5)	3·5 (1·9–5·3)
Non-communicable diseases	36·2 (33·0–39·6)	51·5 (47·4–56·1)	65·4 (60·8–70·0)	97·9 (90·9–104·3)	158·7 (148·0–168·9)	265·8 (246·7–283·3)	450·6 (420·8–478·5)
Neoplasms	8·9 (7·2–10·2)	11·3 (9·4–12·7)	14·4 (11·9–16·2)	23·4 (19·4–26·0)	41·2 (34·9–46·3)	74·0 (63·6–82·8)	133·9 (115·9–149·8)
Esophageal cancer	<0·05 (0·1–0·1)	0·1 (0·1–0·2)	0·3 (0·1–0·4)	0·6 (0·3–0·8)	1·6 (0·9–2·2)	4·3 (2·7–6·4)	9·9 (6·4–13·9)
Stomach cancer	0·4 (0·1–0·8)	0·8 (0·3–1·3)	1·4 (0·7–1·9)	2·9 (1·6–3·7)	5·6 (3·3–7·4)	10·5 (6·7–13·9)	19·5 (12·4–27·7)
Liver cancer	0·5 (0·3–0·7)	1·1 (0·6–1·6)	2·2 (1·2–3·0)	4·6 (2·5–6·1)	9·5 (5·7–12·2)	15·0 (9·4–19·0)	24·0 (15·2–29·8)
Liver cancer secondary to hepatitis B	0·2 (0·1–0·4)	0·6 (0·3–0·8)	1·1 (0·6–1·5)	2·3 (1·2–3·2)	4·9 (2·9–6·3)	7·8 (4·8–10·2)	12·5 (7·7–15·7)
Liver cancer secondary to hepatitis C	<0·05 (0·0–0·05)	<0·05 (0·1–0·2)	0·1 (0·1–0·1)	0·2 (0·1–0·2)	0·5 (0·3–0·7)	1·5 (0·9–1·8)	3·3 (2·1–4·0)
Liver cancer secondary to alcohol use	<0·05 (0·0–0·05)	0·2 (0·1–0·2)	0·4 (0·2–0·6)	1·1 (0·6–1·4)	2·2 (1·3–3·0)	3·4 (2·1–4·3)	5·0 (3·2–6·3)
Other liver cancer	0·2 (0·1–0·3)	0·4 (0·2–0·5)	0·6 (0·3–0·8)	1·0 (0·6–1·4)	1·8 (1·1–2·4)	2·4 (1·5–3·1)	3·2 (2·1–4·0)
Larynx cancer	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	0·1 (0·1–0·3)	0·4 (0·2–0·8)	1·5 (0·7–2·6)	3·5 (1·6–6·3)
Trachea, bronchus and lung cancers	0·2 (0·1–0·3)	0·5 (0·3–0·6)	0·9 (0·5–1·2)	1·9 (1·3–2·6)	4·7 (3·1–6·3)	11·7 (8·0–15·4)	25·8 (17·3–34·4)
Breast cancer	–	–	–	–	–	–	–
Cervical cancer	–	–	–	–	–	–	–
Uterine cancer	–	–	–	–	–	–	–
Prostate cancer	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·2 (0·1–0·3)	0·5 (0·2–0·7)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	**Males, 15-19 Years**	**Males, 20-24 Years**	**Males, 25-29 Years**	**Males, 30-34 Years**	**Males, 35-39 Years**	**Males, 40-44 Years**	**Males, 45-49 Years**
	0·2	0·6	1·0	1·8	2·8	4·6	8·2
Colon and rectum cancers	(0·1–0·3)	(0·4–0·7)	(0·7–1·2)	(1·2–2·1)	(2·0–3·2)	(3·4–5·0)	(6·6–9·0)
	0·1	0·1	0·2	0·4	0·8	1·7	3·5
Mouth cancer	(0·0–0·1)	(0·1–0·1)	(0·1–0·2)	(0·3–0·5)	(0·6–1·0)	(1·4–2·0)	(2·8–4·0)
	0·1	0·2	0·3	0·5	1·0	1·8	2·8
Nasopharynx cancer	(0·1–0·2)	(0·1–0·4)	(0·2–0·5)	(0·2–0·8)	(0·5–1·6)	(0·9–2·9)	(1·4–4·6)
	0·1	0·1	0·2	0·4	0·7	1·5	2·9
Cancer of other part of pharynx and oropharynx	(0·0–0·1)	(0·0–0·2)	(0·1–0·4)	(0·1–0·6)	(0·3–1·0)	(0·8–2·1)	(1·5–3·8)
	<0·05	0·1	0·1	0·2	0·4	0·6	1·0
Gallbladder and biliary tract cancer	(0·0–0·3)	(0·0–0·3)	(0·0–0·4)	(0·0–0·7)	(0·2–0·8)	(0·3–1·0)	(0·5–1·6)
	0·1	0·1	0·2	0·4	0·9	2·0	4·0
Pancreatic cancer	(0·0–0·2)	(0·0–0·2)	(0·1–0·3)	(0·2–0·6)	(0·5–1·2)	(1·3–2·5)	(2·6–5·5)
	<0·05	0·1	0·1	0·3	0·5	0·7	1·0
Malignant melanoma of skin	(0·0–0·2)	(0·0–0·1)	(0·1–0·2)	(0·1–0·5)	(0·2–0·7)	(0·3–1·2)	(0·5–1·5)
	<0·05	<0·05	0·1	0·1	0·1	0·2	0·4
Non-melanoma skin cancer	(0·0–0·1)	(0·0–0·2)	(0·0–0·1)	(0·0–0·2)	(0·1–0·3)	(0·1–0·4)	(0·2–0·7)
	–	–	–	–	–	–	–
Ovarian cancer							
	0·1	0·3	0·4	0·4	0·4	0·3	0·3
Testicular cancer	(0·1–0·2)	(0·2–0·4)	(0·2–0·5)	(0·2–0·5)	(0·2–0·5)	(0·2–0·4)	(0·2–0·4)
	0·1	0·1	0·1	0·2	0·4	0·9	2·0
Kidney and other urinary organ cancers	(0·0–0·3)	(0·0–0·2)	(0·0–0·2)	(0·1–0·3)	(0·2–0·6)	(0·5–1·2)	(1·2–2·8)
	<0·05	0·1	0·1	0·2	0·4	0·8	1·7
Bladder cancer	(0·1–0·2)	(0·0–0·1)	(0·1–0·1)	(0·1–0·3)	(0·2–0·5)	(0·5–1·0)	(1·1–2·0)
	0·6	0·7	0·9	1·5	2·2	3·1	4·4
Brain and nervous system cancers	(0·3–1·0)	(0·3–1·0)	(0·5–1·4)	(0·7–2·0)	(1·1–3·3)	(1·5–4·6)	(2·3–7·0)
	<0·05	0·1	<0·05	0·1	0·1	0·2	0·4
Thyroid cancer	(0·0–0·2)	(0·0–0·1)	(0·1–0·1)	(0·0–0·1)	(0·1–0·2)	(0·1–0·3)	(0·2–0·6)
	0·2	0·2	0·3	0·4	0·4	0·5	0·6
Hodgkin's disease	(0·1–0·3)	(0·1–0·4)	(0·2–0·5)	(0·2–0·6)	(0·2–0·6)	(0·2–0·7)	(0·3–1·0)
	1·0	1·0	1·0	1·3	1·5	2·2	3·4
Non-Hodgkin's lymphoma	(0·6–1·4)	(0·7–1·3)	(0·7–1·3)	(0·9–1·6)	(1·1–1·8)	(1·6–2·7)	(2·6–4·0)
	0·1	0·1	0·1	0·1	0·1	0·4	0·7
Multiple myeloma	(0·0–0·2)	(0·0–0·1)	(0·0–0·1)	(0·0–0·1)	(0·1–0·3)	(0·2–0·6)	(0·4–1·2)
	2·8	2·7	2·4	2·5	2·8	3·4	4·1
Leukemia	(2·0–3·5)	(1·8–3·5)	(1·7–2·9)	(1·6–3·0)	(1·9–3·5)	(2·2–4·0)	(2·7–4·8)
	2·0	2·1	2·1	2·6	4·0	6·0	9·4
Other neoplasms	(1·1–3·0)	(1·2–3·0)	(1·2–2·9)	(1·4–3·8)	(2·1–5·7)	(3·4–8·8)	(5·3–13·4)
	8·5	14·2	18·8	30·7	51·2	93·9	163·0
Cardiovascular and circulatory diseases	(7·9–9·2)	(13·2–15·3)	(17·7–20·0)	(29·1–32·4)	(48·7–53·6)	(90·0–98·3)	(155·6–171·4)
	1·7	2·2	2·7	3·5	5·1	7·1	10·9
Rheumatic heart disease	(1·3–2·1)	(1·7–2·8)	(2·1–3·5)	(2·7–4·6)	(4·0–6·4)	(5·5–9·2)	(8·5–14·4)
	2·5	5·1	7·1	13·7	24·1	47·3	81·3
Ischemic heart disease	(1·9–2·9)	(4·2–5·8)	(6·0–7·9)	(11·7–15·2)	(21·7–27·8)	(43·5–53·3)	(75·4–92·2)
	2·1	3·7	4·8	7·7	13·0	24·6	47·7
Cerebrovascular disease	(1·8–2·7)	(3·0–4·7)	(3·9–5·9)	(6·5–9·8)	(11·4–16·4)	(22·0–30·8)	(41·7–60·2)
	0·3	0·5	0·6	1·0	1·5	3·5	8·1
Ischemic stroke	(0·2–0·4)	(0·4–0·6)	(0·5–0·8)	(0·8–1·3)	(1·2–2·1)	(2·9–4·8)	(6·4–11·5)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Hemorrhagic and other non-ischemic stroke	1·8 (1·3–2·4)	3·2 (2·4–4·4)	4·1 (3·1–5·3)	6·7 (5·2–8·8)	11·5 (9·0–15·4)	21·2 (16·6–27·5)	39·6 (31·5–52·4)
Hypertensive heart disease	0·2 (0·2–0·3)	0·4 (0·3–0·6)	0·6 (0·4–0·8)	1·0 (0·7–1·2)	1·8 (1·4–2·3)	3·5 (2·9–4·6)	6·6 (5·5–8·6)
Cardiomyopathy and myocarditis	1·0 (0·6–1·4)	1·3 (0·9–1·8)	1·7 (1·2–2·3)	2·3 (1·7–2·9)	3·5 (2·7–4·3)	6·0 (4·5–7·7)	8·3 (6·5–9·9)
Atrial fibrillation and flutter	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)
Aortic aneurysm	0·1 (0·0–0·2)	0·1 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·5 (0·3–0·9)	0·8 (0·5–1·4)	1·5 (0·9–2·6)
Peripheral vascular disease	–	–	–	–	–	0·1 (0·0–0·1)	0·1 (0·0–0·2)
Endocarditis	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·5 (0·2–1·0)	0·5 (0·2–0·8)	0·7 (0·3–1·2)	0·8 (0·4–1·4)	0·8 (0·5–1·1)
Other cardiovascular and circulatory diseases	0·7 (0·6–0·8)	1·0 (0·9–1·2)	1·3 (1·2–1·5)	1·7 (1·6–2·0)	2·6 (2·3–2·9)	3·6 (3·2–4·0)	5·6 (5·0–6·2)
Chronic respiratory diseases	2·6 (2·3–2·9)	3·8 (3·4–4·2)	5·0 (4·6–5·6)	6·6 (6·1–7·2)	12·0 (10·7–13·3)	19·9 (18·0–22·1)	39·9 (35·0–45·5)
Chronic obstructive pulmonary disease	0·9 (0·6–1·3)	1·5 (1·1–2·0)	1·9 (1·3–2·7)	3·0 (2·1–3·9)	6·0 (4·3–7·8)	11·5 (8·5–14·6)	24·7 (19·2–31·3)
Pneumoconiosis	0·1 (0·0–0·3)	0·2 (0·0–0·4)	0·3 (0·1–0·6)	0·4 (0·1–1·0)	0·8 (0·2–1·9)	1·3 (0·4–2·9)	2·5 (0·7–5·7)
Asthma	1·0 (0·5–1·8)	1·3 (0·6–2·4)	1·7 (0·9–3·2)	1·9 (1·0–3·6)	3·0 (1·5–5·8)	4·1 (2·2–8·0)	7·8 (3·8–16·1)
Other interstitial lung disease	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·4 (0·2–0·6)	0·6 (0·3–1·0)	1·1 (0·6–1·9)
Other chronic respiratory diseases	0·5 (0·3–0·8)	0·7 (0·5–1·2)	1·0 (0·7–1·7)	1·1 (0·8–1·8)	1·8 (1·2–3·2)	2·5 (1·5–4·0)	3·8 (2·4–6·3)
Cirrhosis of the liver	1·1 (0·6–1·4)	2·3 (1·4–3·0)	4·1 (2·9–4·9)	9·0 (6·5–10·9)	16·1 (11·9–20·1)	27·3 (20·5–32·5)	41·0 (31·8–51·6)
Cirrhosis of the liver secondary to hepatitis B	0·3 (0·2–0·4)	0·6 (0·4–0·9)	1·0 (0·7–1·3)	2·1 (1·4–2·6)	3·9 (2·8–5·0)	7·3 (5·2–8·8)	11·9 (8·7–15·1)
Cirrhosis of the liver secondary to hepatitis C	0·1 (0·1–0·2)	0·3 (0·2–0·4)	0·5 (0·4–0·7)	1·1 (0·8–1·4)	2·2 (1·6–2·8)	4·5 (3·4–5·5)	7·9 (5·9–10·1)
Cirrhosis of the liver secondary to alcohol use	0·1 (0·1–0·1)	0·5 (0·3–0·7)	1·3 (0·9–1·7)	3·6 (2·5–4·3)	6·7 (4·9–8·4)	10·6 (8·1–13·2)	15·1 (11·5–19·6)
Other cirrhosis of the liver	0·5 (0·3–0·7)	0·8 (0·5–1·1)	1·2 (0·8–1·5)	2·2 (1·5–2·6)	3·3 (2·4–4·1)	4·8 (3·6–6·0)	6·1 (4·6–7·9)
Digestive diseases (except cirrhosis)	3·0 (2·2–3·7)	4·7 (3·5–5·7)	5·8 (4·5–7·1)	8·4 (6·5–9·9)	12·1 (9·4–14·6)	16·5 (12·8–20·2)	24·5 (19·2–29·9)
Peptic ulcer disease	1·2 (0·8–1·6)	1·8 (1·3–2·2)	2·4 (1·8–3·0)	3·4 (2·5–4·2)	5·1 (3·6–6·1)	7·0 (5·3–8·4)	10·8 (7·9–12·9)
Gastritis and duodenitis	<0·05 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·4)	0·3 (0·2–0·6)
Appendicitis	0·3 (0·1–0·5)	0·3 (0·1–0·5)	0·3 (0·1–0·5)	0·4 (0·2–0·6)	0·4 (0·2–0·8)	0·5 (0·3–1·0)	0·8 (0·4–1·3)
Paralytic ileus and intestinal obstruction without hernia	0·4 (0·2–0·7)	0·6 (0·3–0·9)	0·6 (0·3–1·0)	0·9 (0·5–1·3)	1·2 (0·6–2·0)	1·6 (0·8–2·7)	2·2 (1·0–3·4)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Inguinal or femoral hernia	<0·05 (0·1–0·05)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·2 (0·2–0·2)	0·3 (0·3–0·3)
Noninfective inflammatory bowel disease	0·1 (0·0–0·1)	0·2 (0·1–0·3)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·2–0·4)	0·3 (0·2–0·4)	0·4 (0·3–0·6)
Vascular disorders of intestine	<0·05 (0·0–0·2)	<0·05 (0·0–0·3)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·1 (0·0–0·4)	0·3 (0·1–0·8)	0·5 (0·1–1·6)
Gall bladder and bile duct disease	0·1 (0·1–0·3)	0·2 (0·1–0·5)	0·2 (0·1–0·4)	0·4 (0·2–0·6)	0·5 (0·3–0·9)	0·7 (0·5–1·2)	1·0 (0·7–1·5)
Pancreatitis	0·1 (0·1–0·2)	0·3 (0·2–0·4)	0·6 (0·4–0·9)	1·0 (0·6–1·4)	1·4 (0·9–1·9)	1·8 (1·1–2·5)	2·1 (1·4–3·0)
Other digestive diseases	0·6 (0·4–1·0)	1·1 (0·7–1·7)	1·3 (0·8–1·9)	1·8 (1·1–2·6)	2·8 (1·7–4·1)	3·9 (2·3–6·0)	6·0 (3·8–9·0)
Neurological disorders	4·3 (2·8–6·1)	5·0 (3·4–7·0)	4·8 (3·3–6·4)	5·3 (3·7–7·8)	6·4 (4·5–9·1)	7·9 (5·4–11·3)	10·4 (7·1–15·1)
Alzheimer's disease and other dementias	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·6)	0·4 (0·2–0·6)	0·7 (0·3–1·2)
Parkinson's disease	–	0·1 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·2 (0·1–0·3)
Epilepsy	1·9 (1·2–2·7)	2·5 (1·6–3·4)	2·5 (1·6–3·5)	2·5 (1·6–3·3)	2·6 (1·7–3·6)	2·9 (1·9–4·0)	3·1 (2·0–4·2)
Multiple sclerosis	–	<0·05 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·4 (0·2–0·7)	0·4 (0·3–0·7)	0·6 (0·4–0·9)
Other neurological disorders	2·2 (1·1–4·0)	2·2 (1·1–4·0)	2·0 (1·0–3·4)	2·4 (1·2–4·7)	3·0 (1·6–5·6)	4·0 (2·1–7·6)	5·9 (3·1–10·8)
Mental and behavioral disorders	0·5 (0·3–0·9)	1·4 (0·8–2·3)	2·9 (1·7–4·5)	4·0 (2·4–6·2)	5·8 (3·3–9·0)	7·2 (4·1–11·3)	8·3 (4·7–13·1)
Schizophrenia	–	–	0·5 (0·2–0·9)	0·4 (0·2–0·8)	0·9 (0·4–1·8)	0·9 (0·4–1·5)	0·8 (0·4–1·4)
Alcohol use disorders	0·1 (0·1–0·2)	0·4 (0·1–0·6)	0·9 (0·3–1·5)	2·0 (0·8–3·3)	3·4 (1·4–5·7)	5·0 (2·2–8·2)	6·4 (2·7–10·8)
Drug use disorders	0·3 (0·1–0·6)	0·8 (0·3–1·7)	1·3 (0·6–2·9)	1·4 (0·6–3·5)	1·2 (0·5–3·2)	1·0 (0·4–2·9)	0·8 (0·4–1·8)
Opioid use disorders	0·1 (0·0–0·2)	0·3 (0·1–0·6)	0·5 (0·2–1·0)	0·5 (0·2–1·1)	0·4 (0·2–0·9)	0·3 (0·1–0·8)	0·2 (0·1–0·6)
Cocaine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	<0·05 (0·0–0·1)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·2 (0·1–0·4)	0·5 (0·2–1·0)	0·7 (0·3–1·6)	0·8 (0·3–2·1)	0·7 (0·3–2·0)	0·7 (0·3–1·8)	0·5 (0·2–1·2)
Eating disorders	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other mental and behavioral disorders	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·3 (0·1–0·6)
Diabetes, urogenital, blood, and endocrine diseases	4·6 (3·5–6·9)	6·2 (5·0–9·0)	7·0 (5·7–10·6)	8·6 (7·0–13·1)	11·5 (9·4–17·4)	16·2 (13·2–24·4)	25·4 (21·5–35·7)
Diabetes mellitus	0·6 (0·4–0·9)	1·1 (0·7–1·5)	1·5 (1·0–1·8)	2·3 (1·6–2·7)	3·4 (2·6–4·1)	5·6 (4·4–6·7)	10·1 (8·7–12·6)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	**Males, 15-19 Years**	**Males, 20-24 Years**	**Males, 25-29 Years**	**Males, 30-34 Years**	**Males, 35-39 Years**	**Males, 40-44 Years**	**Males, 45-49 Years**
Acute glomerulonephritis	1·3 (0·3–3·7)	1·2 (0·3–4·1)	1·5 (0·4–5·1)	1·7 (0·5–6·3)	2·2 (0·6–8·5)	3·0 (0·6–11·2)	3·6 (0·9–13·3)
Chronic kidney diseases	1·3 (1·0–1·6)	2·3 (1·8–3·0)	2·4 (1·9–2·9)	2·9 (2·3–3·6)	3·8 (3·1–4·6)	5·0 (4·3–6·1)	8·0 (6·8–9·9)
Chronic kidney disease due to diabetes mellitus	<0·05 (0·0–0·05)	0·1 (0·1–0·1)	0·2 (0·1–0·2)	0·3 (0·3–0·4)	0·6 (0·4–0·7)	0·9 (0·8–1·2)	1·8 (1·4–2·3)
Chronic kidney disease due to hypertension	0·2 (0·2–0·3)	0·4 (0·3–0·5)	0·5 (0·4–0·6)	0·6 (0·5–0·8)	0·9 (0·7–1·1)	1·3 (1·1–1·6)	2·0 (1·6–2·5)
Chronic kidney disease unspecified	1·1 (0·9–1·4)	1·8 (1·4–2·3)	1·7 (1·4–2·1)	1·9 (1·6–2·4)	2·3 (1·9–2·8)	2·8 (2·4–3·5)	4·2 (3·5–5·3)
Urinary diseases and male infertility	0·2 (0·1–0·3)	0·4 (0·2–0·6)	0·5 (0·2–0·6)	0·6 (0·3–0·8)	0·8 (0·4–1·2)	1·1 (0·5–1·5)	1·7 (0·9–2·7)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	0·1 (0·1–0·2)	0·2 (0·1–0·4)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·4 (0·2–0·6)	0·5 (0·3–0·8)	0·8 (0·4–1·4)
Urolithiasis	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·2–0·7)
Other urinary diseases	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·4)	0·4 (0·2–0·5)	0·6 (0·3–1·0)
Gynecological diseases	–	–	–	–	–	–	–
Uterine fibroids	–	–	–	–	–	–	–
Endometriosis	–	–	–	–	–	–	–
Genital prolapse	–	–	–	–	–	–	–
Other gynecological diseases	–	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	0·9 (0·5–1·6)	0·9 (0·6–1·6)	0·8 (0·5–1·4)	0·7 (0·4–1·2)	0·7 (0·4–1·2)	0·8 (0·5–1·5)	0·9 (0·6–1·7)
Thalassemias	0·5 (0·3–0·8)	0·5 (0·3–0·8)	0·4 (0·2–0·6)	0·3 (0·2–0·6)	0·3 (0·2–0·6)	0·3 (0·2–0·6)	0·3 (0·2–0·5)
Sickle cell disorders	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·1 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·4)
G6PD deficiency	<0·05 (0·1–0·2)	<0·05 (0·1–0·2)	<0·05 (0·1–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)
Other hemoglobinopathies and hemolytic anemias	0·2 (0·1–0·5)	0·2 (0·1–0·4)	0·2 (0·0–0·4)	0·2 (0·0–0·4)	0·2 (0·0–0·4)	0·2 (0·1–0·6)	0·3 (0·1–0·8)
Other endocrine, nutritional, blood, and immune disorders	0·3 (0·1–0·5)	0·3 (0·1–0·5)	0·4 (0·1–0·6)	0·5 (0·2–0·8)	0·5 (0·2–0·9)	0·7 (0·3–1·3)	1·0 (0·4–1·8)
Musculoskeletal disorders	0·3 (0·1–0·4)	0·3 (0·1–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·5 (0·2–0·7)	0·6 (0·3–0·9)	0·9 (0·4–1·3)
Rheumatoid arthritis	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·5)	0·5 (0·2–0·8)
Other musculoskeletal disorders	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·1–0·5)	0·3 (0·1–0·5)	0·4 (0·2–0·7)
Other non-communicable diseases	2·5 (1·8–3·3)	2·3 (1·8–3·1)	2·1 (1·6–2·9)	1·6 (1·3–2·1)	2·2 (1·6–3·0)	2·4 (1·8–3·1)	3·4 (2·5–4·5)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Congenital anomalies	2·2 (1·5–3·0)	1·8 (1·3–2·6)	1·6 (1·1–2·4)	1·0 (0·7–1·3)	1·2 (0·8–1·6)	1·2 (0·9–1·7)	1·7 (1·3–2·6)
Neural tube defects	0·2 (0·1–0·4)	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·2 (0·1–0·4)
Congenital heart anomalies	1·5 (1·0–2·0)	1·2 (0·9–1·7)	1·0 (0·7–1·4)	0·6 (0·4–0·8)	0·6 (0·5–0·8)	0·6 (0·4–0·7)	0·7 (0·5–1·0)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)
Other chromosomal abnormalities	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Other congenital anomalies	0·4 (0·3–0·6)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·2 (0·1–0·3)	0·3 (0·2–0·6)	0·4 (0·2–0·7)	0·6 (0·4–1·2)
Skin and subcutaneous diseases	0·3 (0·2–0·5)	0·5 (0·3–0·7)	0·5 (0·3–0·8)	0·7 (0·4–1·0)	1·1 (0·6–1·7)	1·2 (0·8–1·7)	1·7 (1·0–2·5)
Cellulitis	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·4 (0·2–0·6)	0·4 (0·3–0·6)	0·6 (0·4–0·9)
Abscess, impetigo, and other bacterial skin diseases	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·4 (0·3–0·7)	0·5 (0·3–0·7)	0·7 (0·4–1·0)
Decubitus ulcer	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·3 (0·2–0·4)	0·3 (0·2–0·4)	0·4 (0·2–0·6)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	75·6 (69·5–84·9)	115·6 (104·8–131·4)	115·8 (103·5–130·7)	112·8 (100·9–129·0)	115·8 (101·4–135·6)	117·4 (103·1–139·2)	125·0 (110·9–146·0)
Transport injuries	24·0 (19·6–31·6)	35·8 (28·0–47·7)	35·1 (26·3–46·0)	32·0 (23·6–42·5)	32·6 (22·5–44·6)	32·2 (22·4–43·8)	34·2 (24·5–46·1)
Road injury	23·0 (18·9–30·0)	34·0 (27·6–45·9)	33·4 (26·2–43·7)	30·3 (22·6–41·1)	31·0 (22·3–42·1)	30·4 (21·4–41·9)	32·4 (23·8–45·9)
Pedestrian injury by road vehicle	6·7 (4·2–8·9)	9·3 (5·6–13·1)	9·9 (6·3–13·4)	9·5 (5·7–12·9)	10·1 (6·2–13·9)	10·3 (6·1–14·3)	10·7 (6·5–14·7)
Pedal cycle vehicle	1·4 (1·0–2·0)	1·7 (1·1–2·3)	1·6 (1·1–2·3)	1·5 (1·0–2·1)	1·5 (1·0–2·1)	1·6 (1·1–2·3)	2·0 (1·3–2·9)
Motorized vehicle with two wheels	4·7 (3·6–6·1)	7·1 (5·0–9·8)	6·2 (4·3–8·5)	4·9 (3·4–6·9)	5·2 (3·2–8·0)	4·7 (2·9–7·3)	5·3 (3·0–8·6)
Motorized vehicle with three or more wheels	8·3 (6·3–10·9)	13·4 (9·6–17·6)	12·8 (9·4–17·0)	11·6 (8·2–15·4)	11·5 (8·0–15·8)	11·2 (7·8–15·4)	11·6 (7·8–15·4)
Road injury other	1·9 (0·6–5·4)	2·5 (0·8–8·6)	2·9 (0·8–8·7)	2·7 (0·8–8·6)	2·7 (0·8–8·9)	2·6 (0·7–9·6)	2·9 (0·8–9·6)
Other transport injury	1·0 (0·7–1·6)	1·7 (1·2–2·4)	1·7 (1·2–2·7)	1·7 (1·2–2·6)	1·6 (1·2–2·4)	1·8 (1·3–2·7)	1·8 (1·4–2·7)
Unintentional injuries other than transport injuries	29·4 (25·5–34·5)	40·5 (35·1–48·1)	39·2 (34·4–46·8)	39·8 (35·0–48·4)	42·7 (36·8–53·8)	44·8 (38·9–56·7)	49·0 (42·8–61·6)
Falls	2·8 (2·1–4·1)	4·5 (3·3–6·5)	4·8 (3·4–7·4)	5·1 (4·0–7·2)	6·2 (4·8–9·4)	7·4 (5·6–11·1)	9·0 (7·0–12·5)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	**Males, 15-19 Years**	**Males, 20-24 Years**	**Males, 25-29 Years**	**Males, 30-34 Years**	**Males, 35-39 Years**	**Males, 40-44 Years**	**Males, 45-49 Years**
	9·9	9·2	7·3	6·7	6·6	6·6	7·1
Drowning	(7·4–13·0)	(6·7–12·5)	(5·6–10·0)	(5·2–9·4)	(5·2–9·1)	(5·0–9·2)	(5·3–9·9)
	2·0	3·4	3·5	3·7	4·1	4·3	3·9
Fire, heat and hot substances	(1·4–2·9)	(2·3–5·0)	(2·5–4·8)	(2·6–5·2)	(2·8–6·0)	(2·9–6·2)	(2·7–5·6)
	2·6	4·7	5·0	5·6	6·2	6·7	6·7
Poisonings	(1·7–4·7)	(3·0–9·2)	(3·4–9·3)	(3·9–10·7)	(3·9–13·0)	(4·2–13·5)	(4·6–13·2)
	5·5	8·3	8·7	8·9	9·3	9·3	10·3
Exposure to mechanical forces	(3·1–8·1)	(5·1–12·3)	(5·1–13·9)	(5·9–14·4)	(5·9–15·9)	(6·2–16·2)	(6·5–17·4)
	3·2	4·4	3·9	3·9	3·8	3·6	4·0
Mechanical forces (firearm)	(1·7–5·1)	(2·6–6·7)	(2·3–6·3)	(2·1–6·1)	(1·9–6·7)	(1·9–6·3)	(2·1–7·1)
	2·4	3·9	4·8	5·0	5·5	5·7	6·3
Mechanical forces (other)	(1·3–4·0)	(2·2–6·5)	(2·9–7·9)	(3·0–8·4)	(3·4–9·3)	(3·4–10·0)	(3·9–11·1)
	0·3	0·4	0·4	0·4	0·5	0·6	0·8
Adverse effects of medical treatment	(0·2–0·4)	(0·3–0·6)	(0·3–0·6)	(0·4–0·6)	(0·4–0·7)	(0·5–0·8)	(0·7–0·9)
	0·8	1·0	1·0	1·0	1·2	1·2	1·8
Animal contact	(0·4–1·2)	(0·5–1·5)	(0·5–1·5)	(0·5–1·5)	(0·6–1·8)	(0·7–1·9)	(0·9–3·0)
	0·6	0·8	0·7	0·7	0·9	0·9	1·5
Animal contact (venomous)	(0·2–1·1)	(0·3–1·3)	(0·3–1·4)	(0·3–1·3)	(0·3–1·8)	(0·4–1·8)	(0·4–2·9)
	0·2	0·2	0·2	0·2	0·3	0·3	0·4
Animal contact (non-venomous)	(0·1–0·3)	(0·1–0·4)	(0·1–0·4)	(0·1–0·5)	(0·1–0·5)	(0·1–0·5)	(0·2–0·7)
	5·4	8·9	8·5	8·4	8·7	8·7	9·4
Unintentional injuries not classified elsewhere	(3·7–6·6)	(6·0–10·9)	(6·1–9·9)	(6·1–9·6)	(6·4–10·3)	(6·7–10·2)	(7·5–11·0)
	20·6	37·5	39·5	39·0	38·1	37·7	38·4
Self-harm and interpersonal violence	(16·3–25·0)	(29·7–44·0)	(31·3–46·9)	(31·0–46·3)	(29·4–47·6)	(29·6–48·5)	(28·5–48·7)
	10·2	18·6	19·4	20·4	21·7	23·4	25·8
Self-harm	(7·3–14·4)	(12·8–25·2)	(13·3–26·7)	(14·5–27·3)	(15·1–30·0)	(16·8–33·6)	(17·8–36·7)
	10·4	18·9	20·1	18·6	16·5	14·3	12·6
Interpersonal violence	(6·9–13·2)	(12·6–24·0)	(13·6–25·7)	(11·9–24·2)	(10·1–21·8)	(8·7–19·3)	(7·5–17·3)
	5·2	9·3	10·1	9·0	7·5	6·4	5·6
Assault by firearm	(3·9–7·1)	(7·5–12·2)	(7·7–13·1)	(6·3–12·2)	(5·3–10·7)	(4·1–8·9)	(3·5–7·7)
	2·6	4·9	5·2	4·9	4·5	3·8	3·3
Assault by sharp object	(1·5–3·9)	(2·9–7·8)	(3·0–8·2)	(2·9–7·8)	(2·5–6·8)	(2·0–6·1)	(1·8–5·6)
	2·6	4·6	4·7	4·7	4·5	4·1	3·8
Assault by other means	(1·5–3·6)	(2·8–6·3)	(2·8–6·5)	(2·8–6·4)	(2·7–6·4)	(2·5–6·3)	(2·3–5·4)
	1·6	1·9	2·0	2·0	2·3	2·8	3·4
Forces of nature, war, and legal intervention	(0·8–3·7)	(1·0–4·4)	(1·1–4·5)	(1·1–4·6)	(1·3–5·2)	(1·5–6·2)	(1·9–7·5)
	0·5	0·6	0·6	0·6	0·7	0·8	1·0
Exposure to forces of nature	(0·2–1·3)	(0·3–1·4)	(0·2–1·4)	(0·3–1·5)	(0·3–1·7)	(0·4–1·9)	(0·5–2·4)
	1·1	1·3	1·4	1·4	1·6	2·0	2·4
Collective violence and legal intervention	(0·6–2·3)	(0·7–2·9)	(0·8–3·1)	(0·8–3·1)	(0·9–3·4)	(1·1–4·2)	(1·3–5·0)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
All causes	1,114·6 (1,044·6–1,198·6)	1,632·6 (1,536·4–1,731·6)	2,503·0 (2,387·7–2,635·7)	3,615·6 (3,457·5–3,778·3)	5,380·9 (5,191·1–5,620·9)	8,008·3 (7,803·8–8,255·6)	14,896·1 (14,642·3–15,162·8)
Communicable, maternal, neonatal, and nutritional disorders	189·3 (161·5–224·2)	247·2 (212·2–291·2)	326·6 (280·7–390·7)	422·0 (370·7–495·7)	608·8 (534·3–708·0)	822·1 (726·4–943·1)	1,715·3 (1,513·3–1,978·6)
HIV/AIDS and tuberculosis	86·7 (65·7–110·7)	109·6 (83·0–136·7)	136·5 (108·8–180·2)	162·8 (129·8–213·5)	200·9 (156·8–272·0)	210·5 (168·1–274·0)	216·8 (165·2–291·7)
Tuberculosis	76·3 (55·5–99·1)	102·7 (76·6–130·4)	132·8 (104·5–176·3)	160·6 (128·0–211·6)	199·4 (155·2–270·7)	210·5 (168·1–274·0)	216·8 (165·2–291·7)
HIV/AIDS	10·5 (5·6–16·9)	6·9 (2·2–13·1)	3·7 (1·3–9·1)	2·2 (1·1–7·8)	1·5 (1·1–3·0)	–	–
HIV disease resulting in mycobacterial infection	1·6 (0·6–2·9)	1·1 (0·2–2·4)	0·5 (0·1–1·7)	0·3 (0·0–1·5)	0·1 (0·0–0·4)	–	–
HIV disease resulting in other specified or unspecified diseases	8·8 (4·9–13·7)	5·8 (2·0–10·8)	3·2 (1·2–7·5)	2·0 (1·1–6·3)	1·4 (1·1–2·6)	–	–
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	62·1 (52·2–77·0)	80·1 (66·3–99·3)	118·7 (98·3–146·5)	173·4 (143·6–213·0)	291·8 (241·2–352·8)	469·5 (383·2–572·1)	1,249·0 (1,058·8–1,485·2)
Diarrheal diseases	20·0 (14·4–29·3)	25·1 (17·7–37·4)	37·6 (25·0–59·0)	49·4 (34·1–75·4)	70·4 (50·9–98·9)	91·4 (65·0–129·9)	203·1 (150·2–281·6)
Cholera	0·5 (0·3–0·9)	0·5 (0·3–0·9)	0·6 (0·3–1·1)	0·5 (0·3–0·9)	0·4 (0·2–0·7)	0·4 (0·2–0·8)	0·8 (0·4–1·5)
Other salmonella infections	1·4 (0·9–2·2)	1·6 (1·0–2·5)	2·1 (1·2–3·4)	2·4 (1·5–4·0)	3·2 (1·9–5·2)	4·4 (2·7–6·9)	10·0 (6·3–15·9)
Shigellosis	1·9 (1·2–2·9)	2·4 (1·4–3·9)	3·7 (2·1–6·3)	4·9 (3·0–8·5)	7·2 (4·3–11·8)	9·5 (5·8–15·2)	21·4 (13·4–33·6)
Enteropathogenic E coli infection	0·2 (0·1–0·4)	0·3 (0·2–0·5)	0·5 (0·3–1·0)	0·8 (0·4–1·5)	1·3 (0·8–2·3)	2·2 (1·3–3·6)	6·8 (3·9–11·1)
Enterotoxigenic E coli infection	2·4 (1·5–3·8)	3·0 (1·8–4·8)	4·3 (2·5–7·3)	5·5 (3·4–9·1)	7·7 (4·7–12·1)	9·6 (6·0–15·3)	19·8 (12·8–30·1)
Campylobacter enteritis	1·0 (0·6–1·6)	1·3 (0·7–2·1)	1·9 (1·0–3·4)	2·5 (1·4–4·3)	3·8 (2·2–6·2)	5·9 (3·6–9·7)	16·8 (10·5–27·5)
Amoebiasis	1·3 (0·8–2·0)	1·6 (1·0–2·7)	2·5 (1·5–4·5)	3·5 (2·0–5·9)	5·1 (3·1–8·3)	6·5 (4·0–10·5)	14·2 (8·7–22·7)
Cryptosporidiosis	0·4 (0·3–0·6)	0·5 (0·3–0·8)	0·7 (0·4–1·3)	0·9 (0·6–1·6)	1·3 (0·8–2·2)	1·7 (1·1–2·8)	3·7 (2·3–6·1)
Rotaviral enteritis	1·6 (1·1–2·6)	2·2 (1·4–3·6)	3·5 (2·1–6·0)	5·0 (3·2–8·2)	7·2 (4·5–11·3)	8·6 (5·5–13·6)	15·7 (10·1–23·9)
Other diarrheal diseases	9·3 (5·4–15·3)	11·7 (6·5–20·6)	17·7 (9·7–31·5)	23·4 (13·2–40·3)	33·1 (19·7–54·0)	42·5 (24·4–70·0)	93·9 (56·8–148·1)
Typhoid and paratyphoid fevers	1·4 (0·2–2·6)	1·2 (0·2–2·3)	1·0 (0·1–1·9)	1·2 (0·1–2·2)	1·9 (0·2–3·5)	2·2 (0·3–4·2)	2·8 (0·3–5·4)
Lower respiratory infections	31·1 (24·0–40·5)	42·3 (32·5–54·3)	66·7 (50·7–85·8)	108·1 (82·5–135·3)	199·4 (152·6–248·1)	352·5 (274·0–441·0)	1,008·8 (821·6–1,236·7)
Influenza	7·0 (5·4–9·1)	9·2 (7·1–11·9)	14·1 (10·6–18·2)	21·9 (16·9–27·5)	38·9 (30·0–48·6)	65·8 (51·5–82·7)	173·9 (141·5–215·0)
Pneumococcal pneumonia	8·8 (6·9–11·5)	12·2 (9·4–15·5)	19·4 (14·6–24·7)	31·8 (24·5–39·7)	59·2 (45·0–73·9)	107·5 (84·0–135·7)	318·3 (258·6–391·5)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
H influenzae type B pneumonia	4·4 (3·4–5·9)	5·4 (4·3–7·1)	7·8 (5·9–10·3)	11·4 (8·6–14·6)	18·7 (14·3–23·5)	28·9 (22·4–36·7)	61·5 (50·2–76·7)
Respiratory syncytial virus pneumonia	0·3 (0·2–0·4)	0·4 (0·3–0·5)	0·7 (0·5–0·9)	1·1 (0·8–1·4)	2·0 (1·5–2·5)	3·5 (2·7–4·4)	10·1 (8·2–12·4)
Other lower respiratory infections	10·5 (8·0–13·8)	15·0 (11·4–19·2)	24·7 (18·6–31·7)	41·9 (31·4–52·7)	80·5 (61·6–100·6)	146·8 (116·0–183·6)	445·0 (362·1–545·3)
Upper respiratory infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·2)	0·3 (0·2–0·4)	0·8 (0·6–1·0)
Otitis media	0·1 (0·0–0·8)	0·1 (0·0–0·6)	0·1 (0·0–0·8)	0·1 (0·0–0·9)	0·1 (0·0–1·3)	0·1 (0·0–1·5)	0·2 (0·0–2·3)
Meningitis	5·4 (3·9–7·7)	6·0 (4·3–8·9)	8·2 (5·7–12·7)	9·0 (6·4–13·5)	12·4 (8·5–20·4)	14·5 (10·1–23·1)	20·9 (13·0–38·7)
Pneumococcal meningitis	1·8 (1·3–2·7)	1·9 (1·3–2·9)	2·6 (1·7–4·1)	2·6 (1·8–4·2)	3·4 (2·2–6·0)	3·7 (2·4–6·3)	4·5 (2·6–9·2)
H influenzae type B meningitis	0·4 (0·2–0·5)	0·4 (0·3–0·7)	0·7 (0·4–1·1)	0·8 (0·5–1·3)	1·2 (0·7–2·1)	1·5 (0·9–2·6)	2·5 (1·4–5·2)
Meningococcal infection	1·0 (0·7–1·4)	1·0 (0·7–1·4)	1·4 (1·0–1·9)	1·5 (1·1–2·1)	1·8 (1·3–2·8)	2·0 (1·4–3·0)	2·2 (1·4–3·8)
Other meningitis	2·3 (1·7–3·2)	2·6 (1·9–3·7)	3·6 (2·5–5·5)	4·2 (3·0–6·1)	6·0 (4·1–9·6)	7·4 (5·2–11·6)	11·6 (7·4–20·3)
Encephalitis	1·9 (1·0–3·5)	2·2 (1·1–4·2)	3·0 (1·6–6·1)	2·7 (1·2–5·6)	3·8 (1·6–8·5)	4·1 (1·9–8·8)	6·6 (3·1–16·0)
Diphtheria	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	–	–	–	–	–
Whooping cough	0·1 (0·0–0·4)	0·3 (0·0–1·5)	–	–	–	–	–
Tetanus	2·0 (0·0–8·9)	2·7 (0·0–12·4)	1·9 (0·0–8·7)	2·6 (0·0–12·1)	3·3 (0·0–16·1)	3·6 (0·0–16·9)	3·2 (0·0–15·0)
Measles	0·1 (0·0–0·3)	0·1 (0·0–0·4)	–	–	–	–	–
Varicella	0·1 (0·0–0·6)	0·1 (0·0–0·6)	0·1 (0·0–0·8)	0·2 (0·0–1·3)	0·3 (0·0–2·1)	0·7 (0·0–4·5)	2·7 (0·0–17·6)
Neglected tropical diseases and malaria	18·2 (12·8–29·7)	27·9 (15·4–43·6)	29·8 (17·3–45·9)	31·3 (19·9–48·1)	38·0 (25·5–62·2)	41·3 (27·1–67·2)	49·1 (32·5–76·2)
Malaria	13·0 (8·3–24·1)	22·1 (10·3–37·8)	23·6 (11·7–38·8)	23·6 (13·2–39·5)	28·5 (16·3–51·2)	30·7 (17·5–55·8)	36·0 (21·1–64·6)
Chagas disease	0·6 (0·1–1·7)	0·7 (0·2–2·1)	0·9 (0·2–2·9)	1·2 (0·2–3·5)	1·5 (0·3–4·6)	1·8 (0·4–5·4)	2·4 (0·5–7·0)
Leishmaniasis	1·7 (0·9–2·9)	1·7 (0·9–3·0)	1·6 (0·9–2·8)	1·9 (1·0–3·3)	2·4 (1·3–4·1)	2·5 (1·3–4·2)	3·3 (1·8–5·6)
African trypanosomiasis	0·5 (0·1–1·1)	0·3 (0·1–0·7)	0·2 (0·0–0·4)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Schistosomiasis	0·4 (0·0–2·3)	0·5 (0·0–3·2)	0·7 (0·0–3·9)	0·8 (0·0–4·8)	1·1 (0·0–6·7)	1·2 (0·0–6·8)	0·8 (0·0–4·8)
Cysticercosis	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·0)	0·1 (0·0–0·2)

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Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
Echinococcosis	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·1 (0·0–0·5)	0·2 (0·0–0·6)	0·2 (0·0–0·7)	0·3 (0·0–1·1)	0·4 (0·0–1·6)
Dengue	0·1 (0·0–0·4)	0·2 (0·0–0·4)	0·2 (0·1–0·6)	0·3 (0·1–0·7)	0·3 (0·1–0·7)	0·5 (0·1–1·2)	1·0 (0·2–2·5)
Rabies	1·3 (0·5–2·5)	1·5 (0·6–3·2)	1·6 (0·7–3·2)	2·1 (0·9–4·7)	2·4 (1·0–5·0)	2·0 (0·8–4·0)	1·7 (0·6–3·2)
Intestinal nematode infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·3)	0·1 (0·0–0·4)
Ascariasis	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·3)	0·1 (0·0–0·4)
Other neglected tropical diseases	0·6 (0·2–1·0)	0·7 (0·3–1·2)	0·8 (0·3–1·6)	1·1 (0·4–2·4)	1·6 (0·6–3·5)	2·2 (0·7–5·2)	3·3 (1·1–8·9)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	8·2 (5·6–13·0)	11·7 (7·6–20·1)	19·7 (12·6–33·4)	27·1 (18·0–44·6)	43·9 (29·6–70·8)	62·6 (43·8–97·1)	153·0 (111·2–223·6)
Protein-energy malnutrition	7·0 (4·2–11·2)	10·1 (5·9–17·8)	17·2 (10·3–30·1)	23·3 (14·0–40·4)	37·7 (23·3–64·4)	52·6 (33·4–86·8)	124·1 (80·1–191·5)
Iodine deficiency	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·0)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·2 (0·2–0·3)	0·7 (0·5–0·9)
Iron-deficiency anemia	1·0 (0·7–1·3)	1·4 (1·0–1·7)	2·1 (1·5–2·7)	3·2 (2·4–4·2)	5·1 (3·8–6·4)	7·9 (6·0–9·7)	21·9 (17·0–27·2)
Other nutritional deficiencies	0·2 (0·1–0·2)	0·3 (0·2–0·3)	0·4 (0·3–0·5)	0·6 (0·5–0·7)	1·0 (0·8–1·3)	1·8 (1·5–2·4)	6·3 (5·2–8·3)

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Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Other communicable, maternal, neonatal, and nutritional disorders	14·0 (11·2–17·6)	17·9 (14·2–22·2)	22·0 (17·2–28·3)	27·3 (21·5–36·8)	34·1 (25·9–47·0)	38·2 (29·0–52·6)	47·3 (33·5–66·4)
Sexually transmitted diseases excluding HIV	0·7 (0·2–1·3)	0·8 (0·3–1·7)	1·3 (0·4–3·9)	1·1 (0·4–2·2)	1·4 (0·6–2·8)	2·1 (0·9–3·9)	2·0 (1·1–3·1)
Syphilis	0·7 (0·2–1·3)	0·8 (0·3–1·7)	1·3 (0·4–3·9)	1·1 (0·4–2·2)	1·4 (0·6–2·8)	2·1 (0·9–3·9)	2·0 (1·1–3·0)
Sexually transmitted chlamydial diseases	–	–	–	–	–	–	–
Gonococcal infection	–	–	–	–	–	–	–
Other sexually transmitted diseases	–	–	–	–	–	–	–
Hepatitis	8·8 (6·9–11·1)	11·5 (8·8–15·0)	12·3 (9·4–16·1)	13·5 (11·2–16·3)	15·8 (12·6–19·5)	14·6 (11·5–18·2)	12·6 (10·1–15·7)
Acute hepatitis A	3·9 (1·2–9·0)	5·4 (1·6–12·4)	6·4 (2·1–14·2)	6·5 (2·1–14·2)	7·6 (2·2–16·6)	6·8 (2·0–16·1)	6·5 (2·1–14·1)
Acute hepatitis B	4·3 (2·4–6·5)	5·5 (2·9–9·3)	5·3 (2·8–8·8)	6·2 (3·4–9·7)	7·1 (3·8–11·1)	6·7 (3·3–10·2)	5·1 (2·9–7·6)
Acute hepatitis C	0·5 (0·2–0·9)	0·5 (0·2–1·0)	0·6 (0·3–1·1)	0·8 (0·4–1·5)	1·1 (0·5–2·0)	1·1 (0·5–1·8)	0·9 (0·4–1·5)
Acute hepatitis E	0·1 (0·0–0·2)	0·1 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·0)	<0·05 (0·0–0·0)	<0·05 (0·0–0·0)
Other infectious diseases	4·5 (2·5–7·0)	5·6 (3·4–8·8)	8·3 (5·1–13·1)	12·7 (7·7–21·0)	16·9 (9·7–29·7)	21·5 (13·3–35·1)	32·7 (19·1–51·6)
Non-communicable diseases	788·0 (742·1–838·3)	1,249·7 (1,178·0–1,319·9)	2,031·6 (1,938·0–2,131·3)	3,038·2 (2,911·8–3,168·7)	4,583·8 (4,419·1–4,767·7)	6,940·1 (6,747·8–7,143·6)	12,738·8 (12,504·0–12,963·8)
Neoplasms	243·0 (211·1–273·0)	397·9 (348·3–452·4)	605·9 (543·2–684·0)	837·8 (754·4–954·3)	1,094·1 (989·1–1,247·0)	1,426·2 (1,298·9–1,632·0)	1,895·0 (1,716·2–2,115·9)
Esophageal cancer	19·9 (13·8–29·2)	33·7 (22·9–51·3)	48·9 (35·6–69·2)	63·4 (43·5–91·9)	84·0 (59·0–119·2)	89·9 (61·4–130·7)	96·3 (70·3–133·9)
Stomach cancer	37·5 (23·9–53·5)	63·0 (42·1–91·0)	97·3 (64·3–146·3)	131·5 (85·0–187·2)	175·7 (117·9–251·9)	214·9 (145·4–323·2)	251·6 (176·7–360·4)
Liver cancer	34·1 (23·0–42·4)	49·2 (36·3–58·0)	58·4 (42·8–71·0)	69·4 (53·9–86·5)	81·2 (65·6–101·9)	83·6 (70·4–112·3)	85·9 (71·4–110·1)
Liver cancer secondary to hepatitis B	17·6 (11·4–22·3)	24·9 (18·6–29·7)	28·7 (21·4–35·5)	33·7 (26·3–42·7)	39·0 (31·2–50·7)	37·6 (31·4–54·3)	35·9 (29·9–46·9)
Liver cancer secondary to hepatitis C	6·0 (4·1–7·5)	11·0 (8·1–12·7)	15·5 (11·0–18·4)	20·0 (15·5–24·4)	23·6 (19·3–29·7)	25·4 (21·3–33·6)	27·6 (22·7–35·1)
Liver cancer secondary to alcohol use	6·8 (4·6–8·3)	9·2 (6·9–11·1)	10·7 (7·8–13·0)	12·7 (10·2–15·9)	15·2 (12·0–18·7)	17·1 (14·3–22·7)	19·1 (15·7–23·8)
Other liver cancer	3·7 (2·4–4·6)	4·1 (3·0–4·9)	3·5 (2·5–4·2)	3·1 (2·3–3·7)	3·4 (2·8–4·3)	3·5 (2·9–4·6)	3·3 (2·7–4·1)
Larynx cancer	7·5 (3·4–13·3)	11·0 (5·1–19·0)	16·6 (7·5–28·7)	20·4 (9·5–37·3)	23·0 (10·2–40·6)	26·5 (12·5–48·9)	29·1 (13·6–51·6)
Trachea, bronchus and lung cancers	57·1 (37·9–74·6)	102·5 (72·2–132·2)	170·7 (123·8–220·1)	235·1 (173·0–314·9)	287·8 (215·3–403·6)	352·6 (262·9–499·2)	363·8 (271·9–514·2)

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Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Breast cancer	–	–	–	–	–	–	–
Cervical cancer	–	–	–	–	–	–	–
Uterine cancer	–	–	–	–	–	–	–
Prostate cancer	1·6 (0·9–2·5)	4·7 (2·7–8·0)	13·4 (7·5–21·2)	32·1 (18·4–51·6)	64·1 (34·9–100·1)	136·8 (76·3–208·6)	311·9 (174·3–479·3)
Colon and rectum cancers	14·7 (11·7–16·2)	25·1 (21·2–27·7)	41·6 (34·6–46·4)	63·4 (54·4–72·2)	88·7 (76·4–104·6)	135·9 (115·8–153·0)	208·8 (176·2–230·0)
Mouth cancer	5·9 (4·7–6·6)	8·0 (6·7–9·2)	10·5 (8·7–11·8)	12·0 (9·8–13·5)	12·8 (10·7–14·4)	14·7 (12·4–16·4)	20·2 (16·4–22·4)
Nasopharynx cancer	3·2 (1·8–5·1)	4·2 (2·4–6·9)	5·2 (2·9–7·9)	5·7 (3·2–9·3)	6·4 (3·7–9·9)	6·2 (3·5–9·9)	5·7 (3·3–9·5)
Cancer of other part of pharynx and oropharynx	6·2 (3·2–8·8)	9·1 (4·6–13·0)	11·9 (6·4–17·6)	13·8 (6·8–19·3)	14·0 (7·4–21·3)	14·0 (7·5–20·5)	14·9 (7·8–21·1)
Gallbladder and biliary tract cancer	2·2 (1·2–3·3)	3·7 (2·0–5·4)	5·9 (3·3–8·8)	9·6 (5·5–14·6)	14·0 (7·5–21·0)	20·7 (11·6–31·4)	31·8 (17·3–47·4)
Pancreatic cancer	7·8 (5·2–10·8)	13·2 (9·0–18·2)	20·5 (14·4–29·3)	29·6 (20·0–40·7)	39·2 (27·0–53·8)	52·8 (35·6–76·2)	70·0 (47·2–101·0)
Malignant melanoma of skin	1·4 (0·7–2·5)	1·9 (1·0–3·3)	2·7 (1·3–4·6)	3·6 (1·9–6·4)	4·4 (2·2–7·7)	6·3 (3·0–11·4)	9·5 (4·9–17·6)
Non-melanoma skin cancer	0·6 (0·3–1·1)	1·0 (0·5–1·9)	1·5 (0·7–2·9)	2·3 (1·1–4·3)	3·5 (1·6–6·4)	5·8 (2·8–10·8)	15·3 (7·4–28·5)
Ovarian cancer	–	–	–	–	–	–	–
Testicular cancer	0·3 (0·2–0·4)	0·3 (0·2–0·5)	0·5 (0·2–0·7)	0·7 (0·3–1·1)	0·9 (0·4–1·4)	1·0 (0·5–1·6)	1·9 (0·9–3·1)
Kidney and other urinary organ cancers	3·9 (2·4–5·5)	6·5 (4·0–9·2)	9·9 (6·1–13·9)	13·5 (8·2–20·0)	16·4 (10·0–23·8)	23·3 (14·4–33·7)	29·4 (18·1–43·7)
Bladder cancer	3·8 (2·6–4·8)	7·6 (5·3–9·7)	14·6 (10·2–18·5)	24·2 (17·2–30·9)	36·5 (26·8–48·3)	58·7 (45·0–78·7)	100·0 (75·7–135·9)
Brain and nervous system cancers	6·5 (3·4–9·8)	8·9 (4·5–13·6)	11·8 (5·9–17·9)	14·7 (7·6–23·3)	16·3 (8·6–25·1)	16·6 (9·4–28·1)	15·6 (8·3–30·4)
Thyroid cancer	0·7 (0·4–1·0)	1·1 (0·7–1·5)	1·6 (1·0–2·3)	2·0 (1·3–2·8)	2·8 (1·8–3·9)	3·4 (2·2–4·8)	4·1 (2·6–5·6)
Hodgkin's disease	0·7 (0·3–1·1)	1·0 (0·5–1·5)	1·3 (0·6–2·0)	1·6 (0·8–2·5)	1·9 (0·9–2·9)	2·3 (1·2–3·7)	3·0 (1·5–5·0)
Non-Hodgkin's lymphoma	5·2 (3·8–6·0)	8·0 (6·0–9·2)	12·0 (9·3–13·9)	16·9 (13·3–19·6)	22·9 (18·2–27·0)	29·8 (24·6–37·3)	40·0 (32·4–51·1)
Multiple myeloma	1·4 (0·7–2·2)	2·5 (1·4–4·3)	4·4 (2·4–7·4)	7·0 (4·0–11·9)	10·0 (5·4–17·1)	14·3 (8·1–25·4)	20·5 (10·9–34·6)
Leukemia	5·7 (3·9–6·9)	8·0 (5·6–10·3)	11·8 (8·9–15·2)	17·5 (12·6–22·9)	23·7 (17·8–32·2)	34·2 (26·5–47·5)	51·0 (40·5–70·2)
Other neoplasms	15·2 (8·5–22·1)	23·7 (13·4–34·2)	32·9 (20·0–48·2)	47·5 (28·9–70·8)	63·6 (39·4–97·5)	81·9 (51·2–126·2)	114·7 (74·8–175·8)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
Cardiovascular and circulatory diseases	301·2 (288·5–314·2)	482·1 (465·6–500·4)	824·4 (797·4–849·0)	1,276·0 (1,241·3–1,311·2)	2,008·4 (1,948·9–2,071·4)	3,353·6 (3,268·3–3,435·2)	6,981·1 (6,833·7–7,119·3)
Rheumatic heart disease	14·4 (11·3–18·8)	19·9 (15·5–27·4)	27·1 (21·3–36·1)	34·6 (28·4–43·7)	48·6 (40·5–61·8)	69·3 (56·8–84·6)	131·8 (106·4–163·5)
Ischemic heart disease	154·5 (138·4–175·0)	235·6 (223·3–275·2)	401·9 (373·5–456·7)	606·4 (565·5–687·8)	897·6 (842·3–1,028·8)	1,524·7 (1,442·0–1,692·4)	3,279·7 (3,119·4–3,583·2)
Cerebrovascular disease	94·5 (84·5–115·2)	167·4 (147·7–201·5)	297·6 (266·9–356·0)	479·4 (428·0–559·5)	818·7 (729·4–956·8)	1,356·9 (1,190·9–1,561·3)	2,699·4 (2,387·0–3,071·1)
Ischemic stroke	18·4 (15·1–24·9)	39·9 (32·6–56·3)	102·6 (83·6–134·9)	182·3 (150·7–237·3)	352·9 (286·0–467·7)	714·3 (612·3–875·0)	1,791·1 (1,580·5–2,051·9)
Hemorrhagic and other non-ischemic stroke	76·1 (61·5–96·1)	127·5 (102·1–161·7)	195·0 (152·7–250·1)	297·1 (233·0–377·6)	465·8 (353·1–607·0)	642·7 (492·6–820·1)	908·3 (704·8–1,196·9)
Hypertensive heart disease	12·5 (10·5–16·6)	20·2 (16·9–26·8)	34·8 (29·3–46·1)	57·7 (46·9–72·5)	91·9 (76·7–115·7)	145·5 (124·2–189·6)	305·8 (257·4–386·2)
Cardiomyopathy and myocarditis	12·6 (9·9–15·3)	16·3 (13·0–19·5)	23·1 (18·8–27·1)	29·5 (24·3–34·7)	39·0 (31·6–46·2)	55·8 (46·4–64·1)	102·4 (88·6–117·2)
Atrial fibrillation and flutter	0·3 (0·1–0·5)	0·5 (0·3–0·8)	1·0 (0·6–1·8)	2·0 (1·2–3·2)	4·0 (2·4–6·5)	9·0 (5·5–13·6)	28·4 (18·6–42·6)
Aortic aneurysm	2·9 (1·7–4·9)	5·4 (3·2–9·1)	10·4 (6·5–16·4)	19·8 (12·6–31·3)	33·5 (20·7–54·8)	53·6 (34·7–80·5)	88·9 (59·4–130·7)
Peripheral vascular disease	0·2 (0·1–0·5)	0·5 (0·2–1·0)	0·9 (0·4–2·0)	1·8 (0·7–3·7)	3·1 (1·3–6·1)	6·1 (2·6–11·9)	16·5 (7·0–33·5)
Endocarditis	0·9 (0·7–1·4)	1·2 (0·9–1·8)	1·6 (1·3–2·4)	2·2 (1·7–3·2)	3·0 (2·4–4·4)	4·9 (4·1–7·1)	10·1 (8·7–13·2)
Other cardiovascular and circulatory diseases	8·4 (7·6–9·4)	15·1 (13·8–16·5)	26·1 (24·2–28·6)	42·6 (39·0–47·0)	69·0 (63·6–75·3)	127·7 (118·1–138·5)	318·0 (295·5–341·0)
Chronic respiratory diseases	85·3 (77·3–95·0)	155·8 (141·6–170·9)	309·9 (283·2–338·2)	532·6 (491·9–572·6)	931·8 (869·1–994·2)	1,363·6 (1,289·4–1,440·8)	2,407·0 (2,301·9–2,519·4)
Chronic obstructive pulmonary disease	59·0 (48·4–71·5)	114·7 (94·3–138·0)	239·1 (203·2–282·1)	423·5 (365·6–495·9)	760·0 (667·9–878·3)	1,125·2 (995·0–1,288·8)	1,977·6 (1,757·8–2,249·7)
Pneumoconiosis	5·4 (1·5–12·4)	9·0 (2·8–19·8)	17·5 (5·4–41·1)	29·1 (9·2–71·1)	47·0 (14·9–107·2)	63·7 (23·7–141·6)	130·2 (49·6–333·8)
Asthma	12·5 (6·4–26·1)	19·5 (10·1–38·1)	31·7 (16·8–62·9)	47·9 (25·9–86·4)	72·6 (41·6–137·9)	97·2 (56·5–174·9)	152·8 (94·4–265·9)
Other interstitial lung disease	2·0 (1·2–3·5)	3·4 (1·9–6·2)	7·1 (3·5–14·1)	10·2 (5·8–18·5)	16·1 (8·7–27·7)	23·5 (13·4–40·2)	35·4 (20·3–58·8)
Other chronic respiratory diseases	6·3 (3·9–10·4)	9·2 (5·5–15·2)	14·5 (9·0–22·8)	21·8 (13·0–32·2)	36·1 (21·9–57·2)	53·9 (33·5–80·7)	111·1 (71·0–159·4)
Cirrhosis of the liver	56·1 (44·7–70·2)	71·9 (55·5–89·1)	86·1 (66·5–107·7)	96·3 (72·4–116·3)	103·3 (76·7–126·2)	116·1 (86·8–140·3)	137·1 (98·4–160·3)
Cirrhosis of the liver secondary to hepatitis B	17·5 (13·0–22·0)	23·4 (17·1–30·3)	28·9 (21·1–35·1)	32·5 (24·0–39·9)	35·0 (25·5–42·8)	36·3 (25·9–43·9)	37·6 (25·8–45·5)
Cirrhosis of the liver secondary to hepatitis C	12·2 (9·4–15·5)	17·5 (13·3–22·7)	23·2 (17·7–28·9)	27·5 (21·0–34·6)	29·1 (21·8–36·6)	33·3 (25·1–41·0)	39·9 (29·8–48·4)
Cirrhosis of the liver secondary to alcohol use	19·4 (15·3–24·9)	23·7 (18·1–30·4)	27·2 (20·8–34·0)	29·8 (23·0–37·4)	32·1 (24·2–40·5)	38·8 (28·8–47·5)	50·6 (37·3–61·3)

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Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Other cirrhosis of the liver	7·0 (5·3–9·0)	7·3 (5·4–9·5)	6·9 (5·3–8·7)	6·5 (5·0–8·3)	7·0 (5·2–8·7)	7·8 (5·8–9·5)	9·1 (6·5–11·1)
Digestive diseases (except cirrhosis)	34·8 (26·6–42·3)	44·0 (34·5–53·7)	65·7 (52·0–81·5)	90·8 (73·5–110·4)	135·7 (109·3–166·5)	202·4 (163·9–254·3)	385·6 (316·7–472·5)
Peptic ulcer disease	15·7 (11·9–18·4)	17·7 (13·9–20·7)	26·0 (19·6–30·2)	34·7 (27·0–39·5)	50·9 (39·4–58·8)	71·5 (54·8–83·4)	125·7 (96·6–142·0)
Gastritis and duodenitis	0·4 (0·3–0·7)	0·7 (0·4–1·2)	0·9 (0·6–1·4)	1·4 (0·8–2·3)	2·0 (1·2–3·0)	3·2 (1·9–5·0)	7·8 (4·3–11·9)
Appendicitis	1·0 (0·5–1·8)	1·5 (0·7–2·5)	2·2 (1·0–3·6)	3·0 (1·3–5·2)	4·0 (1·8–6·9)	5·5 (2·4–9·1)	8·1 (4·0–13·9)
Paralytic ileus and intestinal obstruction without hernia	3·3 (1·6–5·2)	4·6 (2·3–7·0)	6·8 (3·4–10·0)	9·7 (5·0–14·2)	15·5 (8·2–22·1)	24·3 (13·3–37·1)	48·6 (28·8–70·5)
Inguinal or femoral hernia	0·5 (0·5–0·5)	0·9 (0·8–0·9)	1·4 (1·4–1·4)	2·1 (2·0–2·1)	3·3 (3·2–3·4)	5·9 (5·6–6·0)	12·7 (12·1–12·9)
Noninfective inflammatory bowel disease	0·6 (0·4–0·8)	0·8 (0·5–1·2)	1·1 (0·7–1·8)	1·6 (1·1–2·5)	2·3 (1·6–3·4)	3·7 (2·7–5·0)	8·9 (6·5–12·0)
Vascular disorders of intestine	0·9 (0·2–2·6)	1·6 (0·3–4·7)	3·0 (0·6–9·5)	5·3 (1·1–15·9)	8·8 (1·8–26·6)	16·1 (3·5–48·1)	33·3 (6·8–98·0)
Gall bladder and bile duct disease	1·5 (1·1–2·5)	2·2 (1·6–3·4)	3·6 (2·6–5·2)	5·7 (4·1–8·7)	9·0 (6·8–13·2)	15·7 (11·6–22·3)	33·7 (24·1–44·6)
Pancreatitis	2·7 (1·7–3·8)	3·1 (2·0–4·4)	4·0 (2·6–5·6)	4·8 (3·1–6·8)	5·9 (3·8–8·5)	8·6 (5·7–12·6)	13·1 (8·2–18·6)
Other digestive diseases	8·1 (5·4–12·0)	11·0 (7·5–15·2)	16·7 (11·4–23·5)	22·6 (15·5–31·4)	34·0 (24·0–46·0)	47·9 (33·4–64·7)	93·6 (70·8–116·6)
Neurological disorders	13·3 (8·8–19·7)	17·7 (11·6–27·9)	23·4 (15·7–37·3)	36·4 (24·8–55·3)	60·7 (42·6–86·7)	108·2 (79·3–145·2)	242·6 (188·7–311·7)
Alzheimer's disease and other dementias	0·8 (0·4–1·2)	1·3 (0·7–2·0)	2·6 (1·4–3·7)	5·6 (3·4–7·6)	14·1 (8·5–19·6)	34·4 (21·8–49·3)	114·3 (78·8–175·1)
Parkinson's disease	0·3 (0·2–0·5)	0·7 (0·4–1·1)	1·6 (1·0–2·6)	4·5 (2·8–7·1)	11·1 (7·1–17·9)	25·8 (17·0–38·5)	56·4 (36·8–91·9)
Epilepsy	3·3 (2·1–4·5)	3·3 (2·2–4·4)	3·4 (2·2–4·5)	4·4 (2·8–5·9)	5·6 (3·2–8·2)	7·1 (4·4–9·6)	14·3 (8·0–21·3)
Multiple sclerosis	0·7 (0·4–1·0)	1·2 (0·6–2·2)	1·0 (0·7–1·5)	1·1 (0·7–1·4)	1·2 (0·7–2·2)	1·6 (1·0–2·5)	1·2 (0·7–1·6)
Other neurological disorders	8·2 (4·3–14·6)	11·3 (5·7–21·2)	14·8 (7·8–29·1)	20·8 (10·1–40·0)	28·7 (14·5–53·3)	39·2 (19·1–73·5)	56·4 (29·0–103·4)
Mental and behavioral disorders	10·4 (5·5–16·6)	10·6 (5·8–17·3)	10·9 (6·0–18·7)	10·0 (6·1–16·8)	9·9 (6·3–16·0)	13·0 (8·6–19·8)	20·7 (12·6–29·8)
Schizophrenia	0·7 (0·4–1·2)	0·9 (0·5–1·6)	0·8 (0·5–1·2)	1·4 (0·6–2·4)	1·9 (0·9–3·5)	2·8 (1·2–5·0)	4·6 (1·8–9·0)
Alcohol use disorders	8·5 (3·7–14·1)	8·4 (3·6–14·5)	8·7 (4·0–15·8)	6·9 (3·3–13·5)	5·6 (2·7–11·0)	5·8 (2·9–11·5)	5·6 (2·6–10·9)
Drug use disorders	0·7 (0·3–2·6)	0·6 (0·3–1·7)	0·7 (0·3–1·9)	0·6 (0·3–1·6)	0·8 (0·3–1·8)	1·1 (0·5–3·2)	1·8 (0·8–4·4)
Opioid use disorders	0·2 (0·1–0·8)	0·2 (0·1–0·5)	0·2 (0·1–0·6)	0·2 (0·1–0·5)	0·2 (0·1–0·6)	0·4 (0·1–1·1)	0·6 (0·3–1·4)

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Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
Cocaine use disorders	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·0)	<0·05 (0·0–0·0)	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·5 (0·2–1·6)	0·4 (0·2–1·1)	0·4 (0·2–1·2)	0·4 (0·2–1·0)	0·5 (0·2–1·1)	0·7 (0·3–2·0)	1·1 (0·5–2·7)
Eating disorders	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·6)	0·7 (0·2–1·1)	2·5 (0·8–4·2)
Other mental and behavioral disorders	0·4 (0·1–0·7)	0·5 (0·2–1·1)	0·6 (0·2–1·2)	0·9 (0·3–1·8)	1·4 (0·5–2·8)	2·6 (1·0–4·4)	6·3 (2·1–10·8)
Diabetes, urogenital, blood, and endocrine diseases	38·1 (32·9–51·0)	60·9 (53·2–79·1)	92·2 (81·4–119·4)	139·9 (125·1–177·4)	209·1 (186·0–260·9)	312·3 (281·0–373·1)	582·0 (525·6–680·6)
Diabetes mellitus	17·1 (13·6–20·6)	29·9 (25·1–37·8)	47·6 (38·6–59·0)	73·9 (58·7–92·5)	104·7 (85·5–130·9)	145·6 (119·9–183·4)	215·6 (177·7–265·0)
Acute glomerulonephritis	4·9 (1·3–15·2)	6·1 (1·7–22·0)	7·9 (2·2–27·4)	10·5 (3·3–31·3)	16·0 (4·7–51·6)	18·1 (5·8–62·6)	23·4 (6·8–73·1)
Chronic kidney diseases	11·2 (9·6–14·2)	17·1 (14·5–22·0)	24·2 (20·9–30·5)	35·5 (31·2–45·4)	55·5 (48·6–71·8)	91·6 (82·0–113·0)	207·1 (186·3–257·5)
Chronic kidney disease due to diabetes mellitus	2·9 (2·4–3·7)	5·2 (4·3–6·7)	8·3 (6·9–10·8)	10·9 (9·3–14·3)	14·8 (12·5–19·6)	20·5 (17·7–25·7)	38·2 (32·7–46·5)
Chronic kidney disease due to hypertension	2·7 (2·3–3·4)	3·9 (3·3–5·0)	5·2 (4·3–6·7)	8·3 (7·1–10·7)	13·8 (12·0–17·9)	24·2 (21·3–29·6)	57·9 (51·5–73·0)
Chronic kidney disease unspecified	5·6 (4·7–7·3)	8·0 (6·6–10·5)	10·6 (8·8–13·8)	16·3 (14·0–21·7)	26·9 (23·2–34·1)	46·8 (41·4–56·6)	111·0 (97·8–137·5)
Urinary diseases and male infertility	2·6 (1·3–3·7)	4·3 (2·3–6·1)	7·2 (3·8–10·1)	11·7 (6·1–16·1)	19·5 (10·5–27·4)	34·7 (19·7–49·3)	87·6 (51·3–130·5)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	1·3 (0·7–2·1)	2·1 (1·2–3·2)	3·7 (2·2–5·7)	6·0 (3·6–9·3)	10·0 (6·0–16·0)	20·1 (11·6–31·1)	57·3 (35·3–87·6)
Urolithiasis	0·5 (0·2–0·9)	0·9 (0·4–1·9)	1·3 (0·6–2·6)	2·0 (1·0–4·0)	3·3 (1·7–6·4)	5·0 (2·4–9·6)	9·8 (5·3–18·6)
Other urinary diseases	0·8 (0·4–1·2)	1·3 (0·6–2·0)	2·3 (1·1–3·4)	3·7 (1·8–5·3)	6·2 (3·1–9·2)	9·6 (4·9–14·1)	20·5 (11·2–31·7)
Gynecological diseases	–	–	–	–	–	–	–
Uterine fibroids	–	–	–	–	–	–	–
Endometriosis	–	–	–	–	–	–	–
Genital prolapse	–	–	–	–	–	–	–
Other gynecological diseases	–	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	1·0 (0·7–1·9)	1·5 (0·9–2·9)	2·5 (1·4–4·3)	3·7 (2·2–6·6)	6·4 (3·6–11·3)	10·9 (6·3–20·6)	22·5 (12·7–40·5)
Thalassemias	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·2 (0·2–0·4)	0·2 (0·1–0·2)	0·1 (0·1–0·1)	0·1 (0·0–0·1)	<0·05 (0·0–0·0)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
Sickle cell disorders	0·2 (0·1–0·4)	0·2 (0·1–0·5)	0·3 (0·1–0·5)	0·3 (0·2–0·6)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·2 (0·1–0·3)
G6PD deficiency	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·4 (0·3–0·5)	0·7 (0·5–1·0)	1·5 (1·1–2·1)
Other hemoglobinopathies and hemolytic anemias	0·5 (0·2–1·0)	0·9 (0·4–1·8)	1·8 (0·9–3·6)	3·0 (1·5–5·5)	5·6 (2·9–10·4)	9·8 (4·9–18·3)	20·8 (11·4–36·0)
Other endocrine, nutritional, blood, and immune disorders	1·3 (0·4–2·3)	1·9 (0·7–3·5)	2·9 (1·1–5·1)	4·7 (1·7–8·8)	7·0 (2·5–12·9)	11·4 (3·9–20·5)	26·0 (8·8–46·0)
Musculoskeletal disorders	1·3 (0·6–2·0)	2·0 (1·0–3·0)	3·0 (1·4–4·3)	4·6 (2·1–6·7)	7·9 (3·4–11·3)	11·8 (5·6–17·5)	20·0 (10·1–30·7)
Rheumatoid arthritis	0·7 (0·4–1·2)	1·1 (0·6–1·8)	1·8 (0·9–2·9)	2·8 (1·5–4·4)	5·0 (2·5–7·8)	7·4 (3·5–11·6)	9·7 (5·0–15·2)
Other musculoskeletal disorders	0·6 (0·3–1·1)	0·9 (0·4–1·5)	1·1 (0·6–1·9)	1·8 (0·9–3·1)	2·9 (1·4–5·1)	4·4 (2·1–7·8)	10·3 (4·9–17·7)
Other non-communicable diseases	4·6 (3·4–6·1)	6·8 (4·8–8·9)	10·2 (7·2–13·8)	13·9 (9·5–18·5)	22·9 (16·0–30·0)	33·0 (23·8–43·5)	67·6 (50·0–84·2)
Congenital anomalies	2·2 (1·6–3·3)	3·6 (2·3–5·3)	5·6 (3·4–8·2)	7·5 (4·3–11·3)	12·0 (6·6–17·7)	15·4 (8·1–23·5)	30·0 (18·0–42·2)
Neural tube defects	0·2 (0·1–0·5)	0·4 (0·1–1·1)	0·5 (0·1–1·2)	0·7 (0·2–2·0)	1·1 (0·3–2·5)	1·0 (0·3–2·1)	1·5 (0·7–3·0)
Congenital heart anomalies	0·7 (0·5–1·1)	1·2 (0·7–1·9)	1·9 (1·1–3·2)	2·9 (1·7–4·8)	5·1 (2·6–8·9)	7·4 (3·8–12·5)	17·7 (9·9–26·4)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	0·2 (0·1–0·5)	0·3 (0·2–0·7)	0·4 (0·2–0·7)	0·2 (0·1–0·5)	0·1 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·2)
Other chromosomal abnormalities	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·5)	0·2 (0·0–0·7)	0·1 (0·0–0·3)	0·1 (0·0–0·5)	0·3 (0·1–1·0)
Other congenital anomalies	1·0 (0·5–1·7)	1·6 (0·9–2·9)	2·7 (1·4–5·0)	3·5 (1·8–6·5)	5·7 (2·7–10·7)	6·9 (3·3–13·1)	10·5 (5·2–18·9)
Skin and subcutaneous diseases	2·4 (1·4–3·6)	3·2 (1·9–4·7)	4·6 (3·0–7·1)	6·4 (4·1–9·1)	10·9 (7·2–15·1)	17·6 (12·4–24·6)	37·6 (25·8–49·1)
Cellulitis	0·8 (0·5–1·3)	1·1 (0·7–1·6)	1·4 (0·9–2·2)	1·8 (1·2–2·6)	2·6 (1·7–3·6)	3·7 (2·6–5·1)	6·2 (4·2–8·0)
Abscess, impetigo, and other bacterial skin diseases	1·0 (0·6–1·5)	1·3 (0·8–1·9)	1·8 (1·1–2·7)	2·2 (1·5–3·2)	3·5 (2·3–4·8)	5·1 (3·6–7·0)	9·5 (6·5–12·3)
Decubitus ulcer	0·6 (0·3–0·9)	0·8 (0·5–1·2)	1·4 (0·9–2·1)	2·3 (1·5–3·3)	4·7 (3·2–6·5)	8·8 (6·2–12·2)	21·8 (15·0–28·2)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1* (0·0–0·0)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	137·2 (122·5–163·7)	135·6 (121·7–163·0)	144·8 (130·4–173·1)	155·5 (139·4–185·3)	188·3 (165·8–226·9)	246·2 (218·2–284·4)	442·0 (394·5–511·3)
Transport injuries	36·4 (25·4–48·0)	36·2 (25·0–50·6)	37·9 (25·9–51·2)	40·8 (29·4–55·2)	48·2 (34·2–64·4)	58·1 (41·4–76·2)	75·3 (52·4–98·2)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Road injury	34·5 (24·9–47·0)	34·4 (25·2–47·7)	36·0 (25·6–50·1)	39·0 (28·9–53·5)	46·2 (32·3–60·9)	55·6 (40·7–74·4)	72·2 (49·9–93·0)
Pedestrian injury by road vehicle	12·0 (7·4–16·6)	11·6 (6·9–16·0)	12·5 (7·9–17·4)	13·5 (8·7–18·6)	16·0 (10·3–21·5)	19·8 (12·8–26·2)	29·0 (18·9–38·1)
Pedal cycle vehicle	2·2 (1·5–3·0)	2·6 (1·7–3·6)	3·0 (2·0–4·3)	3·6 (2·4–5·0)	4·9 (3·0–6·7)	6·1 (4·0–8·0)	7·1 (4·5–9·4)
Motorized vehicle with two wheels	5·3 (2·8–8·4)	4·9 (2·8–8·0)	5·0 (2·7–8·1)	5·3 (3·0–8·1)	6·2 (3·3–9·2)	6·5 (3·4–9·6)	7·1 (3·5–10·5)
Motorized vehicle with three or more wheels	12·0 (8·1–15·9)	12·1 (8·0–16·2)	12·1 (7·9–16·3)	13·3 (8·9–17·9)	14·6 (9·7–20·2)	18·8 (12·6–25·0)	24·6 (15·9–32·9)
Road injury other	2·9 (0·7–9·1)	3·2 (1·0–10·0)	3·4 (1·2–9·3)	3·3 (1·2–9·2)	4·4 (1·5–12·8)	4·3 (1·5–11·6)	4·4 (1·5–12·8)
Other transport injury	2·0 (1·4–3·3)	1·8 (1·3–3·0)	1·9 (1·3–3·3)	1·8 (1·3–3·3)	2·0 (1·5–3·2)	2·5 (2·0–3·8)	3·1 (2·4–4·7)
Unintentional injuries other than transport injuries	55·3 (48·7–70·6)	56·2 (49·0–71·2)	61·9 (54·2–78·0)	67·5 (60·1–83·2)	86·9 (77·1–108·2)	124·4 (111·8–148·4)	276·7 (249·7–331·6)
Falls	11·0 (8·5–15·4)	12·1 (9·5–18·0)	15·2 (12·2–21·4)	19·2 (15·1–27·9)	28·7 (21·9–41·8)	48·4 (35·6–65·4)	138·6 (110·8–183·5)
Drowning	7·9 (6·0–11·7)	7·8 (6·1–11·0)	8·3 (6·4–11·5)	8·5 (6·8–12·1)	9·7 (7·3–13·4)	11·2 (8·6–15·1)	15·8 (11·6–21·4)
Fire, heat and hot substances	4·7 (3·3–7·0)	4·4 (3·3–6·9)	5·4 (4·1–8·5)	6·2 (4·6–8·9)	8·5 (6·3–13·2)	12·6 (8·9–18·3)	25·1 (18·2–33·0)
Poisonings	7·6 (5·3–14·9)	7·6 (5·2–15·0)	7·7 (5·2–15·1)	7·0 (4·6–14·2)	8·2 (5·7–15·6)	9·8 (6·6–18·4)	12·9 (8·8–23·0)
Exposure to mechanical forces	10·9 (6·9–19·8)	10·3 (6·8–19·2)	9·7 (6·4–17·6)	8·4 (5·4–14·6)	8·8 (5·6–15·3)	9·5 (6·4–15·7)	12·8 (8·5–21·3)
Mechanical forces (firearm)	3·8 (2·0–6·3)	3·7 (1·8–6·4)	3·1 (1·6–5·0)	3·1 (1·5–5·3)	3·5 (1·6–6·4)	3·3 (1·5–5·4)	4·2 (2·1–7·5)
Mechanical forces (other)	7·1 (4·6–12·0)	6·6 (4·4–12·0)	6·6 (4·2–11·6)	5·3 (3·5–9·2)	5·3 (3·4–9·2)	6·2 (4·3–9·7)	8·5 (5·5–14·9)
Adverse effects of medical treatment	1·0 (0·8–1·2)	1·5 (1·3–1·9)	2·0 (1·7–2·4)	3·0 (2·5–3·6)	4·0 (3·4–4·6)	5·9 (4·9–7·1)	10·8 (9·0–12·7)
Animal contact	1·9 (1·0–3·0)	2·2 (1·3–3·5)	2·4 (1·4–4·0)	2·6 (1·5–3·9)	3·3 (1·9–5·3)	3·9 (2·2–6·1)	5·4 (3·2–8·4)
Animal contact (venomous)	1·5 (0·5–2·9)	1·5 (0·5–3·4)	1·7 (0·5–3·4)	1·8 (0·7–3·4)	2·2 (0·7–4·7)	2·6 (0·8–5·2)	3·8 (1·2–7·5)
Animal contact (non-venomous)	0·5 (0·2–0·8)	0·6 (0·3–1·2)	0·7 (0·3–1·3)	0·8 (0·4–1·3)	1·0 (0·5–2·1)	1·3 (0·6–2·5)	1·6 (0·8–3·1)
Unintentional injuries not classified elsewhere	10·3 (7·6–12·4)	10·3 (7·9–12·2)	11·1 (8·6–13·2)	12·6 (10·5–15·1)	15·6 (12·8–18·8)	23·1 (19·4–27·3)	55·4 (45·8–65·2)
Self-harm and interpersonal violence	41·7 (31·9–55·3)	38·6 (29·9–53·6)	39·9 (30·5–55·0)	41·3 (30·3–58·9)	48·4 (34·4–70·1)	60·5 (43·3–83·4)	88·3 (61·0–123·2)
Self-harm	30·6 (21·4–44·3)	29·3 (20·9–43·7)	31·9 (22·4–46·6)	34·6 (23·5–52·9)	42·2 (28·5–63·6)	54·5 (37·2–76·7)	79·5 (51·7–116·2)
Interpersonal violence	11·1 (6·5–16·5)	9·3 (5·3–13·7)	8·1 (4·7–11·2)	6·8 (4·0–10·2)	6·2 (3·6–8·8)	6·1 (3·5–8·9)	8·7 (5·0–12·0)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
Assault by firearm	4·2 (2·6–6·1)	3·5 (1·9–5·3)	3·0 (1·6–4·4)	2·3 (1·3–3·5)	2·0 (1·0–3·1)	1·8 (0·9–2·5)	2·4 (1·3–3·5)
Assault by sharp object	2·8 (1·6–4·5)	2·3 (1·2–3·7)	1·9 (1·0–3·1)	1·5 (0·8–2·6)	1·4 (0·7–2·3)	1·2 (0·6–2·0)	1·8 (0·9–3·1)
Assault by other means	4·1 (2·6–6·1)	3·5 (2·3–5·3)	3·2 (2·1–4·6)	3·0 (1·8–4·1)	2·8 (1·8–3·9)	3·1 (2·1–4·1)	4·5 (2·8–6·0)
Forces of nature, war, and legal intervention	3·8 (2·1–8·5)	4·6 (2·6–10·4)	5·1 (2·8–11·4)	5·8 (3·2–12·9)	4·9 (2·7–10·5)	3·2 (1·7–6·9)	1·7 (0·9–3·7)
Exposure to forces of nature	1·3 (0·6–3·1)	1·9 (0·9–4·5)	2·3 (1·1–5·4)	2·9 (1·4–6·8)	2·3 (1·2–5·5)	1·5 (0·7–3·7)	0·5 (0·1–1·4)
Collective violence and legal intervention	2·5 (1·4–5·2)	2·7 (1·5–5·6)	2·8 (1·6–5·9)	2·9 (1·6–6·1)	2·6 (1·5–5·5)	1·7 (0·9–3·6)	1·2 (0·7–2·4)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Females, All Ages	Females, 0-6 Days	Females, 7-27 Days	Females, 28-364 Days	Females, 1-4 Years	Females, 5-9 Years	Females, 10-14 Years
All causes	818·8 (796·0–846·6)	102,163·3 (85,581·6–119,681·5	14,723·9 (13,122·0–16,466·4)	2,786·0 (2,522·7–3,168·0)	685·8 (637·8–743·2)	116·9 (110·1–125·5)	79·9 (74·3–86·4)
Communicable, maternal, neonatal, and nutritional disorders	279·0 (263·3–299·2)	94,235·7 (77,790·5–112,047·0	13,066·3 (11,525·0–14,829·9)	2,375·8 (2,124·0–2,782·5)	538·9 (486·8–604·5)	73·2 (64·8–83·7)	40·1 (35·4–46·6)
HIV/AIDS and tuberculosis	25·5 (23·2–29·0)	–	–	35·4 (25·6–51·4)	18·7 (15·0–23·7)	3·8 (3·0–5·0)	2·9 (2·3–3·9)
Tuberculosis	21·1 (19·0–24·6)	–	–	26·4 (16·8–41·7)	11·0 (8·3–15·5)	3·3 (2·5–4·5)	2·8 (2·2–3·8)
HIV/AIDS	4·4 (3·5–5·7)	–	–	9·0 (7·0–11·4)	7·6 (5·8–9·8)	0·5 (0·4–0·7)	0·1 (0·1–0·2)
HIV disease resulting in mycobacterial infection	0·9 (0·7–1·1)	–	–	1·9 (1·5–2·4)	1·6 (1·2–2·1)	0·1 (0·1–0·1)	<0·05 (0·0–0·05)
HIV disease resulting in other specified or unspecified diseases	3·5 (2·7–4·6)	–	–	7·1 (5·4–9·0)	6·0 (4·4–8·0)	0·4 (0·3–0·6)	0·1 (0·1–0·2)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	140·3 (129·5–158·1)	12,445·1 (10,079·8–15,314·7)	6,384·9 (5,556·7–7,545·3)	1,758·1 (1,532·7–2,165·6)	369·3 (316·4–448·4)	50·1 (41·2–62·5)	24·8 (20·3–30·9)
Diarrheal diseases	46·6 (43·1–50·0)	2,313·9 (1,626·5–3,557·8)	1,905·1 (1,502·9–2,448·7)	660·7 (573·7–748·5)	136·1 (112·9–157·7)	14·7 (11·7–18·2)	6·6 (5·3–8·1)
Cholera	2·2 (1·6–2·9)	128·8 (67·1–241·2)	104·7 (59·4–181·3)	34·5 (21·4–55·0)	9·3 (6·5–12·6)	0·8 (0·5–1·1)	0·3 (0·2–0·4)
Other salmonella infections	2·5 (2·0–3·1)	86·8 (50·5–149·1)	74·5 (46·9–115·2)	27·9 (18·8–39·3)	6·7 (5·2–8·7)	1·3 (0·9–1·7)	0·8 (0·6–1·1)
Shigellosis	3·7 (2·8–4·6)	142·5 (78·1–252·9)	117·5 (71·2–191·8)	39·6 (27·0–56·8)	10·1 (7·3–13·4)	1·5 (1·1–2·2)	0·9 (0·6–1·2)
Enteropathogenic E coli infection	3·7 (2·7–4·9)	295·1 (165·3–548·3)	244·7 (144·7–393·9)	84·6 (58·4–119·9)	10·8 (7·7–14·6)	0·6 (0·4–0·8)	0·2 (0·1–0·2)
Enterotoxigenic E coli infection	3·5 (2·7–4·3)	132·1 (76·9–231·6)	109·2 (69·7–169·1)	38·6 (27·5–55·0)	8·3 (6·2–10·8)	1·0 (0·7–1·4)	0·5 (0·4–0·8)
Campylobacter enteritis	3·9 (3·0–4·9)	235·4 (138·5–422·7)	195·4 (126·1–300·5)	67·8 (49·0–92·6)	11·5 (8·6–15·1)	0·9 (0·7–1·4)	0·4 (0·3–0·5)
Amoebiasis	1·3 (1·0–1·7)	26·5 (11·8–56·3)	21·5 (10·7–40·6)	7·2 (4·0–13·1)	2·5 (1·7–3·4)	0·3 (0·2–0·5)	0·2 (0·1–0·3)
Cryptosporidiosis	4·0 (3·2–4·9)	290·2 (183·8–475·8)	237·8 (163·0–347·3)	83·1 (62·6–106·9)	13·8 (10·6–17·5)	0·7 (0·5–1·0)	0·2 (0·1–0·2)
Rotaviral enteritis	10·2 (8·2–12·1)	621·8 (379·4–1,067·8)	502·6 (346·1–718·8)	176·2 (136·2–221·6)	37·8 (29·2–46·2)	2·7 (1·9–3·7)	0·8 (0·6–1·1)
Other diarrheal diseases	11·8 (7·4–17·3)	354·7 (166·3–673·3)	297·2 (154·4–534·1)	101·1 (54·6–167·5)	25·3 (13·6–42·7)	4·9 (2·9–7·3)	2·4 (1·4–3·6)
Typhoid and paratyphoid fevers	2·2 (0·3–4·0)	–	–	5·1 (0·6–9·7)	4·3 (0·5–8·2)	3·2 (0·4–6·0)	2·5 (0·3–4·7)
Lower respiratory infections	60·8 (56·1–65·3)	6,794·5 (5,437·0–8,180·0)	2,559·1 (2,215·6–2,930·0)	690·4 (623·9–762·2)	117·8 (104·0–133·7)	12·7 (9·7–15·2)	7·7 (5·7–9·2)
Influenza	10·4 (9·4–11·5)	951·7 (668·6–1,283·9)	357·1 (272·9–456·3)	98·4 (77·4–125·4)	17·4 (14·7–21·2)	2·2 (1·7–2·8)	1·5 (1·1–2·0)
Pneumococcal pneumonia	17·5 (15·9–19·1)	1,239·3 (901·3–1,636·7)	462·7 (358·5–591·4)	125·4 (99·3–158·5)	34·4 (29·6–39·9)	3·2 (2·4–4·0)	1·6 (1·2–2·0)

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Cause	**Females, All Ages**	**Females, 0-6 Days**	**Females, 7-27 Days**	**Females, 28-364 Days**	**Females, 1-4 Years**	**Females, 5-9 Years**	**Females, 10-14 Years**
H influenzae type B pneumonia	10·5 (9·3–11·8)	1,508·2 (1,110·3–1,941·4)	562·5 (436·5–711·5)	156·3 (124·5–190·3)	27·1 (23·0–32·1)	2·8 (2·1–3·5)	1·5 (1·1–1·9)
Respiratory syncytial virus pneumonia	9·7 (8·1–11·5)	2,414·0 (1,806·9–3,117·4)	920·0 (723·3–1,145·1)	241·7 (199·2–290·5)	16·5 (13·6–20·0)	0·1 (0·1–0·2)	0·1 (0·1–0·1)
Other lower respiratory infections	12·7 (11·3–14·4)	681·3 (440·6–1,020·5)	256·7 (172·2–378·1)	68·6 (47·9–97·3)	22·5 (17·6–28·0)	4·3 (3·2–5·4)	3·0 (2·2–3·7)
Upper respiratory infections	0·1 (0·1–0·1)	7·6 (6·2–9·2)	3·0 (2·6–3·5)	0·9 (0·8–1·0)	0·1 (0·1–0·2)	<0·05 (0·1–0·05)	<0·05 (0·0–0·05)
Otitis media	0·1 (0·0–1·1)	2·3 (0·0–27·6)	3·1 (0·0–36·7)	2·2 (0·0–27·2)	0·1 (0·0–1·1)	<0·05 (0·0–0·7)	<0·05 (0·0–0·6)
Meningitis	8·7 (7·6–10·9)	588·4 (371·1–846·6)	496·6 (344·2–726·3)	102·8 (77·0–140·7)	23·3 (16·9–34·7)	5·0 (3·2–7·4)	2·6 (1·9–4·0)
Pneumococcal meningitis	2·2 (1·9–2·8)	110·5 (68·1–165·1)	93·8 (62·0–143·9)	18·6 (13·4–26·3)	6·4 (4·5–9·7)	1·6 (1·0–2·5)	0·9 (0·6–1·4)
H influenzae type B meningitis	2·1 (1·7–2·8)	160·7 (101·7–235·7)	138·8 (91·6–213·9)	28·7 (20·7–39·6)	8·3 (6·0–12·4)	1·7 (1·0–2·7)	0·6 (0·4–1·0)
Meningococcal infection	1·3 (1·2–1·7)	69·4 (39·7–112·6)	58·6 (36·4–87·2)	10·5 (7·4–15·0)	4·3 (3·1–6·5)	0·9 (0·7–1·3)	0·6 (0·4–0·8)
Other meningitis	3·0 (2·5–3·6)	247·8 (156·3–348·3)	205·4 (143·4–301·9)	45·1 (33·5–61·7)	4·3 (3·2–6·4)	0·7 (0·5–1·1)	0·6 (0·4–0·8)
Encephalitis	2·7 (2·2–3·3)	147·5 (90·1–243·0)	131·7 (65·5–241·6)	27·1 (18·4–39·0)	6·4 (4·2–9·7)	2·5 (1·2–4·3)	1·2 (0·5–2·3)
Diphtheria	0·1 (0·0–1·0)	–	–	1·1 (0·0–9·4)	0·7 (0·0–6·1)	0·1 (0·0–1·1)	<0·05 (0·0–0·8)
Whooping cough	3·1 (0·0–15·2)	–	–	108·6 (0·4–534·5)	6·2 (0·0–31·4)	0·3 (0·0–1·3)	0·1 (0·0–0·3)
Tetanus	4·5 (2·3–8·2)	2,582·6 (1,103·9–5,028·7)	1,281·0 (633·2–2,274·0)	27·0 (11·0–49·5)	1·3 (0·0–6·0)	1·0 (0·0–4·5)	0·6 (0·0–2·9)
Measles	11·4 (3·4–26·0)	–	–	130·0 (38·2–319·2)	72·4 (22·2–157·6)	10·5 (3·2–23·5)	3·4 (1·0–8·5)
Varicella	0·2 (0·0–1·4)	8·3 (0·0–52·9)	5·2 (0·0–35·1)	2·1 (0·0–14·2)	0·5 (0·0–3·6)	0·1 (0·0–0·8)	0·1 (0·0–0·4)
Neglected tropical diseases and malaria	20·9 (15·9–27·3)	15·8 (8·3–35·3)	267·0 (151·7–428·8)	160·8 (102·3–242·4)	77·6 (49·8–109·1)	10·0 (6·5–15·0)	6·7 (4·7–9·5)
Malaria	17·3 (12·5–23·7)	–	252·9 (137·4–413·1)	152·3 (93·6–234·2)	70·8 (43·5–101·0)	6·5 (3·4–10·9)	4·3 (2·7–7·1)
Chagas disease	0·1 (0·1–0·2)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Leishmaniasis	0·9 (0·5–1·6)	–	5·1 (2·0–11·4)	3·9 (1·6–8·6)	2·5 (1·2–4·9)	1·1 (0·5–2·1)	0·9 (0·4–1·6)
African trypanosomiasis	0·6 (0·2–1·3)	–	–	–	0·6 (0·1–1·1)	0·4 (0·1–0·9)	0·5 (0·2–1·1)
Schistosomiasis	0·2 (0·0–1·5)	–	–	<0·05 (0·0–0·1)	<0·05 (0·0–0·5)	<0·05 (0·0–0·3)	<0·05 (0·0–0·4)
Cysticercosis	<0·05 (0·0–1·4)	<0·05 (0·0–0·0)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)

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Echinococcosis	<0·05 (0·0–4·3)	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Dengue	0·2 (0·0–0·5)	–	–	0·9 (0·2–2·7)	0·7 (0·1–2·5)	0·2 (0·0–0·7)	0·1 (0·0–0·2)
Rabies	0·9 (0·4–2·5)	–	–	1·7 (0·4–5·3)	2·0 (0·5–6·8)	1·5 (0·6–4·2)	0·7 (0·3–1·9)
Intestinal nematode infections	0·1 (0·0–0·3)	–	–	0·3 (0·0–1·2)	0·4 (0·0–1·8)	0·1 (0·0–0·3)	<0·05 (0·0–0·2)
Ascariasis	0·1 (0·0–0·3)	–	–	0·3 (0·0–1·2)	0·4 (0·0–1·8)	0·1 (0·0–0·3)	<0·05 (0·0–0·2)
Other neglected tropical diseases	0·4 (0·2–0·6)	15·8 (8·3–35·3)	8·9 (4·5–16·9)	1·6 (0·8–3·1)	0·7 (0·2–1·6)	0·2 (0·1–0·5)	0·1 (0·1–0·3)
Maternal disorders	13·6 (11·3–16·3)	–	–	–	–	–	–
Maternal hemorrhage	3·2 (2·6–3·9)	–	–	–	–	–	–
Maternal sepsis	1·3 (1·1–1·6)	–	–	–	–	–	–
Hypertensive disorders of pregnancy	2·7 (2·2–3·2)	–	–	–	–	–	–
Obstructed labor	0·7 (0·6–0·9)	–	–	–	–	–	–
Abortion	2·1 (1·8–2·6)	–	–	–	–	–	–
Other maternal disorders	3·6 (3·0–4·3)	–	–	–	–	–	–
Neonatal disorders	48·3 (38·8–57·2)	77,775·4 (61,784·0–94,725·6)	5,872·0 (4,523·2–7,253·9)	122·3 (85·7–154·6)	1·0 (0·7–1·5)	–	–
Preterm birth complications	19·0 (14·1–23·5)	32,168·8 (23,731·0–40,685·4)	1,922·4 (1,265·8–2,531·5)	40·4 (24·7–55·5)	0·2 (0·1–0·4)	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	9·8 (6·5–13·7)	17,331·6 (11,085·7–24,665·6)	837·9 (521·5–1,271·9)	14·2 (8·5–20·9)	0·3 (0·1–0·6)	–	–
Sepsis and other infectious disorders of the newborn baby	8·3 (3·4–15·7)	12,350·9 (4,954·1–23,307·0)	1,282·5 (507·8–2,498·4)	24·1 (8·1–53·7)	0·1 (0·0–0·2)	–	–
Other neonatal disorders	11·2 (7·8–14·7)	15,924·2 (10,494·9–22,238·9)	1,829·1 (1,277·2–2,386·0)	43·6 (27·1–63·6)	0·4 (0·2–0·8)	–	–
Nutritional deficiencies	18·5 (15·0–23·9)	–	–	200·5 (154·0–261·7)	57·3 (41·4–79·7)	5·3 (3·3–8·7)	3·3 (2·1–5·6)
Protein-energy malnutrition	16·7 (11·9–22·3)	–	–	192·4 (130·2–266·2)	54·2 (37·4–73·5)	4·9 (3·0–8·4)	2·9 (1·7–5·0)
Iodine deficiency	<0·05 (0·7–1·4)	–	–	0·2 (0·2–0·3)	<0·05 (0·1–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Iron-deficiency anemia	1·6 (1·1–2·1)	–	–	6·7 (4·8–9·6)	2·9 (2·0–4·2)	0·4 (0·3–0·6)	0·4 (0·3–0·6)
Other nutritional deficiencies	0·2 (0·2–0·3)	–	–	1·2 (0·9–1·9)	0·2 (0·1–0·2)	<0·05 (0·1–0·05)	<0·05 (0·0–0·05)

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Other communicable, maternal, neonatal, and nutritional disorders	11·8 (9·4–14·4)	3,999·3 (2,542·8–6,105·8)	542·4 (362·9–744·8)	98·7 (69·3–135·4)	15·1 (9·3–21·6)	4·0 (2·9–5·9)	2·3 (1·8–3·0)
Sexually transmitted diseases excluding HIV	3·8 (2·4–6·0)	3,512·0 (2,060·0–5,612·3)	305·1 (180·1–479·5)	49·6 (29·3–79·9)	2·9 (1·7–4·6)	0·7 (0·4–1·2)	0·1 (0·0–0·1)
Syphilis	3·6 (2·1–5·7)	3,512·0 (2,042·3–5,577·6)	305·1 (178·5–481·2)	49·6 (28·8–78·6)	2·9 (1·6–4·6)	0·7 (0·4–1·2)	<0·05 (0·0–0·05)
Sexually transmitted chlamydial diseases	0·1 (0·0–0·1)	–	–	–	–	–	<0·05 (0·0–0·05)
Gonococcal infection	<0·05 (0·6–1·5)	–	–	–	–	–	<0·05 (0·0–0·05)
Other sexually transmitted diseases	0·1 (0·1–0·2)	–	–	–	–	–	<0·05 (0·1–0·2)
Hepatitis	3·5 (3·2–3·7)	–	–	12·8 (9·2–17·4)	3·6 (2·6–4·8)	1·3 (1·0–1·7)	1·2 (0·9–1·5)
Acute hepatitis A	1·7 (0·8–2·8)	–	–	9·9 (3·4–17·2)	2·3 (0·5–4·4)	0·5 (0·1–1·0)	0·4 (0·1–0·7)
Acute hepatitis B	0·9 (0·6–1·1)	–	–	2·9 (1·1–5·3)	0·3 (0·1–0·7)	0·1 (0·0–0·2)	0·1 (0·0–0·1)
Acute hepatitis C	0·1 (0·1–0·2)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)
Acute hepatitis E	0·8 (0·4–1·3)	–	–	–	1·0 (0·4–1·8)	0·7 (0·4–1·2)	0·7 (0·3–1·2)
Other infectious diseases	4·5 (2·7–5·9)	487·3 (242·0–759·2)	237·3 (119·1–370·4)	36·3 (16·6–60·1)	8·6 (3·4–14·2)	2·0 (1·0–3·6)	1·1 (0·6–1·7)
Non-communicable diseases	487·0 (467·8–510·1)	7,229·8 (5,840·5–9,477·2)	1,402·4 (1,068·1–1,847·8)	300·1 (239·4–361·6)	78·5 (63·9–92·8)	21·9 (18·5–25·4)	21·1 (18·6–23·9)
Neoplasms	97·1 (89·3–106·7)	53·2 (31·2–92·8)	19·7 (9·2–42·7)	9·5 (5·9–15·5)	4·5 (2·8–6·5)	4·1 (3·0–5·2)	4·0 (3·0–4·9)
Esophageal cancer	4·7 (3·1–6·3)	–	–	–	–	–	–
Stomach cancer	11·3 (6·7–17·7)	–	–	–	–	–	–
Liver cancer	5·4 (4·2–6·7)	–	–	–	–	0·1 (0·1–0·3)	0·2 (0·1–0·3)
Liver cancer secondary to hepatitis B	2·0 (1·5–2·4)	–	–	–	–	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)
Liver cancer secondary to hepatitis C	1·7 (1·3–2·0)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Liver cancer secondary to alcohol use	1·2 (0·9–1·4)	–	–	–	–	–	–
Other liver cancer	0·6 (0·4–0·7)	–	–	–	–	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Larynx cancer	0·4 (0·2–0·6)	–	–	–	–	–	–
Trachea, bronchus and lung cancers	10·8 (8·0–16·9)	–	–	–	–	–	–

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Breast cancer	12·1 (11·8–12·8)	–	–	–	–	–	–
Cervical cancer	7·3 (4·6–10·0)	–	–	–	–	–	–
Uterine cancer	1·7 (1·0–3·0)	–	–	–	–	–	–
Prostate cancer	–	–	–	–	–	–	–
Colon and rectum cancers	9·4 (7·1–11·3)	–	–	–	–	–	–
Mouth cancer	1·2 (0·8–1·4)	–	–	–	–	–	–
Nasopharynx cancer	0·6 (0·3–0·8)	–	–	–	–	<0·05 (0·0–0·05)	0·1 (0·0–0·1)
Cancer of other part of pharynx and oropharynx	0·8 (0·4–1·2)	–	–	–	–	–	–
Gallbladder and biliary tract cancer	2·3 (1·3–3·7)	–	–	–	–	–	–
Pancreatic cancer	3·6 (2·3–5·5)	–	–	–	–	–	–
Malignant melanoma of skin	0·5 (0·3–0·9)	–	–	–	–	–	–
Non-melanoma skin cancer	0·3 (0·1–0·6)	–	–	–	–	–	–
Ovarian cancer	4·3 (3·2–5·3)	–	–	–	–	–	–
Testicular cancer	–	–	–	–	–	–	–
Kidney and other urinary organ cancers	1·3 (0·8–2·1)	–	–	0·3 (0·1–0·7)	0·3 (0·1–0·6)	0·2 (0·1–0·3)	0·1 (0·0–0·2)
Bladder cancer	1·3 (1·1–1·5)	–	–	–	–	–	–
Brain and nervous system cancers	2·2 (1·2–3·7)	–	–	–	0·4 (0·1–1·0)	0·7 (0·4–1·1)	0·5 (0·3–0·8)
Thyroid cancer	0·6 (0·4–0·8)	–	–	–	–	–	0·1 (0·0–0·1)
Hodgkin's disease	0·3 (0·1–0·4)	2·9 (1·0–5·5)	0·3 (0·1–0·7)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Non-Hodgkin's lymphoma	2·3 (1·7–2·8)	–	–	0·5 (0·2–1·0)	0·6 (0·3–1·1)	0·5 (0·2–0·8)	0·4 (0·2–0·6)
Multiple myeloma	0·9 (0·6–1·5)	–	–	–	–	–	–
Leukemia	3·8 (2·6–5·4)	–	–	4·0 (2·5–8·6)	2·0 (1·2–3·3)	1·6 (1·0–2·4)	1·7 (1·1–2·6)
Other neoplasms	7·5 (5·1–10·3)	50·3 (29·0–90·3)	19·4 (9·0–42·6)	4·6 (2·2–9·4)	1·2 (0·5–2·4)	0·9 (0·5–1·6)	0·9 (0·5–1·4)

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Cardiovascular and circulatory diseases	233·9 (212·7–261·2)	383·7 (251·9–495·8)	126·0 (87·4–169·4)	38·5 (29·3–55·9)	9·8 (7·0–13·4)	3·3 (2·6–4·4)	4·1 (3·1–5·3)
Rheumatic heart disease	10·1 (9·5–10·8)	–	–	–	1·2 (0·5–1·6)	0·6 (0·4–0·8)	1·1 (0·8–1·7)
Ischemic heart disease	96·2 (93·3–106·2)	–	–	7·9 (5·0–11·1)	1·9 (1·2–2·5)	0·7 (0·5–0·9)	0·8 (0·6–1·0)
Cerebrovascular disease	96·7 (88·1–111·9)	155·2 (96·6–215·8)	52·4 (33·5–74·8)	10·8 (6·7–15·4)	2·7 (1·8–3·9)	1·0 (0·7–1·3)	1·2 (0·9–1·5)
Ischemic stroke	49·9 (46·6–54·5)	–	–	2·4 (1·7–3·4)	0·7 (0·5–1·0)	0·2 (0·1–0·3)	0·2 (0·1–0·3)
Hemorrhagic and other non-ischemic stroke	46·8 (38·2–55·5)	155·2 (97·8–234·7)	52·4 (32·7–76·1)	8·4 (4·8–13·3)	2·0 (1·2–3·1)	0·8 (0·6–1·1)	1·0 (0·7–1·4)
Hypertensive heart disease	13·1 (9·1–18·4)	–	–	1·8 (1·1–2·8)	0·6 (0·4–0·9)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Cardiomyopathy and myocarditis	4·6 (3·7–5·3)	88·4 (48·4–160·6)	38·0 (16·3–82·3)	5·8 (2·6–13·1)	1·4 (0·5–3·5)	0·4 (0·2–0·9)	0·4 (0·2–0·7)
Atrial fibrillation and flutter	0·8 (0·7–1·1)	–	–	–	–	–	–
Aortic aneurysm	2·1 (1·3–3·0)	–	–	–	–	–	–
Peripheral vascular disease	0·4 (0·2–0·6)	–	–	–	–	–	–
Endocarditis	0·7 (0·5–0·9)	22·4 (12·8–36·2)	7·5 (4·3–10·4)	2·3 (1·6–3·4)	0·6 (0·4–0·8)	0·1 (0·1–0·2)	0·1 (0·1–0·1)
Other cardiovascular and circulatory diseases	9·2 (8·4–9·8)	117·7 (70·6–175·4)	28·3 (13·9–46·9)	9·9 (5·4–15·2)	1·5 (0·5–2·5)	0·4 (0·2–0·5)	0·4 (0·3–0·5)
Chronic respiratory diseases	69·1 (67·3–71·2)	211·8 (175·9–257·8)	106·3 (86·8–131·7)	41·8 (35·8–49·7)	10·6 (9·1–12·1)	1·6 (1·4–2·0)	1·5 (1·3–1·7)
Chronic obstructive pulmonary disease	54·9 (52·6–57·0)	–	–	19·6 (14·9–25·1)	3·5 (2·4–5·0)	0·5 (0·3–0·8)	0·5 (0·3–0·7)
Pneumoconiosis	2·0 (1·1–3·5)	–	–	–	0·2 (0·1–0·5)	<0·05 (0·0–0·4)	<0·05 (0·0–0·2)
Asthma	6·3 (5·1–10·6)	–	–	–	3·5 (1·1–6·8)	0·6 (0·2–1·2)	0·6 (0·3–1·2)
Other interstitial lung disease	0·9 (0·5–1·5)	–	–	–	0·2 (0·0–0·5)	<0·05 (0·0–0·2)	<0·05 (0·0–0·05)
Other chronic respiratory diseases	4·9 (3·1–7·9)	211·8 (127·1–375·1)	106·3 (60·7–189·8)	22·2 (8·4–49·2)	3·2 (0·8–7·6)	0·4 (0·2–1·0)	0·4 (0·2–0·9)
Cirrhosis of the liver	10·4 (7·8–11·7)	–	–	–	3·2 (2·1–4·4)	0·7 (0·5–0·9)	0·8 (0·6–1·1)
Cirrhosis of the liver secondary to hepatitis B	3·4 (2·6–3·8)	–	–	–	0·2 (0·1–0·2)	0·1 (0·1–0·1)	0·2 (0·1–0·2)
Cirrhosis of the liver secondary to hepatitis C	3·7 (3·0–4·2)	–	–	–	0·1 (0·1–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)
Cirrhosis of the liver secondary to alcohol use	1·4 (1·2–1·6)	–	–	–	–	–	–

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Females, All Ages	Females, 0-6 Days	Females, 7-27 Days	Females, 28-364 Days	Females, 1-4 Years	Females, 5-9 Years	Females, 10-14 Years
Other cirrhosis of the liver	1·8 (1·5–2·1)	–	–	–	3·0 (2·1–4·2)	0·5 (0·4–0·7)	0·5 (0·4–0·7)
Digestive diseases (except cirrhosis)	17·1 (16·3–17·8)	–	–	–	11·8 (9·7–14·5)	1·8 (1·5–2·1)	1·9 (1·6–2·4)
Peptic ulcer disease	4·7 (3·6–5·2)	–	–	–	2·1 (1·2–3·4)	0·5 (0·3–0·6)	0·7 (0·4–0·9)
Gastritis and duodenitis	0·3 (0·2–0·5)	–	–	–	0·2 (0·1–0·5)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)
Appendicitis	0·7 (0·4–1·0)	–	–	–	1·2 (0·6–2·5)	0·2 (0·1–0·4)	0·2 (0·1–0·4)
Paralytic ileus and intestinal obstruction without hernia	2·2 (1·3–2·7)	–	–	–	1·9 (0·9–3·1)	0·3 (0·1–0·5)	0·3 (0·1–0·5)
Inguinal or femoral hernia	0·4 (0·4–0·4)	–	–	–	0·5 (0·5–0·6)	0·1 (0·1–0·1)	<0·05 (0·1–0·05)
Noninfective inflammatory bowel disease	0·6 (0·3–0·8)	–	–	–	1·8 (0·2–3·3)	0·1 (0·0–0·3)	0·1 (0·0–0·2)
Vascular disorders of intestine	1·1 (0·6–1·9)	–	–	–	0·1 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·05)
Gall bladder and bile duct disease	1·6 (1·3–2·3)	–	–	–	0·6 (0·2–1·3)	0·1 (0·1–0·2)	0·1 (0·1–0·3)
Pancreatitis	0·8 (0·5–1·0)	–	–	–	0·1 (0·0–0·3)	<0·05 (0·0–0·2)	<0·05 (0·1–0·2)
Other digestive diseases	4·6 (2·8–6·3)	–	–	–	3·2 (1·5–6·0)	0·4 (0·2–0·7)	0·4 (0·2–0·8)
Neurological disorders	11·8 (8·5–15·1)	–	–	13·3 (7·1–25·5)	6·5 (2·7–14·3)	2·5 (1·5–3·9)	2·3 (1·4–3·3)
Alzheimer's disease and other dementias	3·5 (2·5–6·1)	–	–	–	–	0·2 (0·1–0·4)	0·2 (0·1–0·3)
Parkinson's disease	1·0 (0·7–1·5)	–	–	–	–	–	–
Epilepsy	2·2 (1·3–3·0)	–	–	4·8 (2·2–8·8)	4·0 (1·2–10·6)	1·0 (0·5–1·7)	1·0 (0·6–1·3)
Multiple sclerosis	0·3 (0·2–0·4)	–	–	–	–	–	–
Other neurological disorders	4·8 (2·0–7·0)	–	–	8·4 (3·6–19·1)	2·5 (1·0–6·4)	1·2 (0·5–2·4)	1·2 (0·5–2·1)
Mental and behavioral disorders	1·5 (1·0–2·2)	5·1 (1·7–10·1)	2·2 (0·7–4·0)	0·6 (0·2–1·3)	0·5 (0·1–0·9)	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Schizophrenia	0·3 (0·2–0·5)	–	–	–	–	–	–
Alcohol use disorders	0·6 (0·2–1·1)	–	–	–	–	–	–
Drug use disorders	0·3 (0·2–0·5)	5·1 (1·7–10·1)	2·2 (0·7–4·0)	0·6 (0·2–1·3)	0·4 (0·1–0·8)	0·1 (0·0–0·1)	0·1 (0·0–0·2)
Opioid use disorders	0·1 (0·1–0·2)	1·7 (0·6–3·3)	0·7 (0·2–1·3)	0·2 (0·1–0·4)	0·1 (0·0–0·3)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Females, All Ages	Females, 0-6 Days	Females, 7-27 Days	Females, 28-364 Days	Females, 1-4 Years	Females, 5-9 Years	Females, 10-14 Years
Cocaine use disorders	<0·05 (0·2–0·05)	0·2 (0·1–0·4)	0·1 (0·0–0·2)	<0·05 (0·0–0·0)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Amphetamine use disorders	<0·05 (0·0–0·05)	0·1 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·2 (0·1–0·3)	3·2 (1·1–6·0)	1·4 (0·5–2·5)	0·4 (0·1–0·8)	0·2 (0·1–0·5)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)
Eating disorders	0·1 (0·0–0·2)	–	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other mental and behavioral disorders	0·2 (0·1–0·3)	–	–	–	0·1 (0·0–0·2)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Diabetes, urogenital, blood, and endocrine diseases	30·6 (27·4–35·3)	219·4 (125·9–345·2)	76·6 (36·5–119·7)	33·9 (20·1–48·8)	13·1 (5·5–21·3)	4·3 (2·4–7·8)	3·8 (2·5–5·6)
Diabetes mellitus	14·3 (13·2–16·9)	34·4 (20·2–48·6)	10·0 (6·1–14·2)	4·2 (2·3–6·2)	1·0 (0·6–1·4)	0·3 (0·2–0·5)	0·4 (0·3–0·6)
Acute glomerulonephritis	1·7 (0·8–4·8)	–	–	6·2 (1·9–18·4)	3·2 (0·6–9·5)	1·2 (0·3–4·5)	1·0 (0·3–2·6)
Chronic kidney diseases	7·3 (5·7–9·5)	–	–	6·0 (3·1–9·8)	1·9 (0·9–3·0)	0·7 (0·4–1·3)	0·7 (0·4–1·1)
Chronic kidney disease due to diabetes mellitus	1·8 (1·4–2·3)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Chronic kidney disease due to hypertension	1·6 (1·3–2·1)	–	–	0·7 (0·4–1·2)	0·2 (0·1–0·4)	0·1 (0·0–0·2)	0·1 (0·1–0·2)
Chronic kidney disease unspecified	3·9 (3·1–5·0)	–	–	5·3 (2·7–8·8)	1·7 (0·7–2·6)	0·6 (0·3–1·1)	0·6 (0·3–1·0)
Urinary diseases and male infertility	2·7 (1·9–3·4)	16·2 (7·9–31·9)	7·4 (3·3–13·2)	2·0 (0·9–3·6)	0·5 (0·2–1·0)	0·1 (0·1–0·2)	0·2 (0·1–0·2)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	1·7 (1·2–2·3)	10·6 (4·5–17·6)	5·0 (1·9–10·1)	1·5 (0·6–3·3)	0·4 (0·2–0·7)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Urolithiasis	0·3 (0·2–0·6)	–	–	–	–	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)
Other urinary diseases	0·6 (0·4–0·8)	5·6 (2·4–18·1)	2·4 (0·8–6·4)	0·4 (0·2–0·8)	0·1 (0·0–0·3)	<0·05 (0·0–0·05)	<0·05 (0·1–0·1)
Gynecological diseases	0·2 (0·1–0·2)	–	–	–	–	–	–
Uterine fibroids	<0·05 (0·3–0·05)	–	–	–	–	–	–
Endometriosis	<0·05 (0·0–0·05)	–	–	–	–	–	–
Genital prolapse	<0·05 (0·1–0·05)	–	–	–	–	–	–
Other gynecological diseases	0·2 (0·1–0·2)	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	2·3 (1·1–3·8)	90·9 (38·8–150·5)	29·8 (11·0–47·9)	8·2 (2·9–14·7)	4·7 (0·9–9·9)	1·3 (0·5–2·5)	1·1 (0·5–1·9)
Thalassemias	0·5 (0·2–0·7)	3·0 (1·6–5·0)	2·4 (1·0–4·0)	1·3 (0·5–2·3)	1·1 (0·2–2·0)	0·5 (0·2–0·9)	0·5 (0·2–0·8)

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Cause	**Females, All Ages**	**Females, 0-6 Days**	**Females, 7-27 Days**	**Females, 28-364 Days**	**Females, 1-4 Years**	**Females, 5-9 Years**	**Females, 10-14 Years**
Sickle cell disorders	0·5 (0·2–0·8)	5·1 (3·1–7·6)	5·0 (2·4–7·7)	2·7 (1·1–4·4)	1·8 (0·4–3·4)	0·5 (0·2–0·9)	0·3 (0·2–0·6)
G6PD deficiency	0·1 (0·0–0·1)	0·2 (0·1–0·4)	0·2 (0·1–0·3)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	<0·05 (0·0–0·2)
Other hemoglobinopathies and hemolytic anemias	1·3 (0·6–2·1)	82·5 (41·2–137·6)	22·1 (7·2–42·5)	4·0 (0·9–8·4)	1·6 (0·1–5·2)	0·2 (0·0–0·7)	0·2 (0·0–0·6)
Other endocrine, nutritional, blood, and immune disorders	1·9 (0·9–3·0)	77·9 (19·8–190·9)	29·5 (6·5–67·0)	7·3 (2·2–14·6)	1·8 (0·3–4·4)	0·6 (0·1–1·3)	0·4 (0·1–1·0)
Musculoskeletal disorders	1·7 (0·9–2·4)	–	–	–	–	0·1 (0·1–0·2)	0·2 (0·1–0·3)
Rheumatoid arthritis	0·8 (0·5–1·1)	–	–	–	–	<0·05 (0·1–0·3)	<0·05 (0·1–0·2)
Other musculoskeletal disorders	0·9 (0·7–1·1)	–	–	–	–	0·1 (0·0–0·1)	0·2 (0·1–0·3)
Other non-communicable diseases	13·8 (10·7–17·9)	6,356·7 (4,994·5–8,654·2)	1,071·5 (754·3–1,560·4)	162·6 (113·2–226·6)	18·6 (12·6–28·8)	3·4 (2·5–4·9)	2·4 (1·8–3·7)
Congenital anomalies	11·4 (8·6–15·7)	6,356·7 (4,994·5–8,654·2)	955·3 (704·6–1,416·2)	139·1 (95·5–208·1)	16·6 (10·8–26·7)	3·2 (2·2–4·7)	2·2 (1·6–3·5)
Neural tube defects	2·1 (0·9–3·5)	1,885·3 (888·9–3,203·2)	195·9 (78·7–354·4)	18·8 (6·8–37·0)	2·2 (0·6–4·9)	0·5 (0·2–1·1)	0·4 (0·1–1·1)
Congenital heart anomalies	4·7 (3·5–6·3)	2,257·6 (1,639·1–2,876·7)	378·2 (253·8–590·2)	53·5 (35·2–83·1)	7·4 (4·7–12·4)	1·5 (0·9–2·5)	1·0 (0·6–1·7)
Cleft lip and cleft palate	0·1 (0·0–0·1)	45·7 (14·6–102·8)	8·7 (2·8–20·7)	1·0 (0·3–2·5)	0·1 (0·0–0·2)	–	–
Down's syndrome	0·5 (0·2–0·8)	129·6 (50·2–254·5)	34·3 (10·6–74·1)	5·5 (1·8–11·5)	1·1 (0·2–2·5)	0·2 (0·0–0·4)	0·1 (0·0–0·3)
Other chromosomal abnormalities	0·7 (0·2–1·8)	410·0 (138·3–1,072·8)	86·1 (27·3–226·6)	11·3 (2·7–35·3)	0·7 (0·1–2·2)	0·1 (0·0–0·5)	0·1 (0·0–0·4)
Other congenital anomalies	3·4 (1·8–5·2)	1,628·4 (909·6–2,525·0)	252·2 (122·8–417·6)	49·0 (21·3–86·5)	5·3 (1·9–10·3)	0·9 (0·4–1·9)	0·5 (0·2–1·1)
Skin and subcutaneous diseases	1·9 (1·3–2·5)	–	–	8·0 (4·1–12·7)	2·0 (0·7–3·5)	0·2 (0·1–0·4)	0·3 (0·2–0·4)
Cellulitis	0·5 (0·3–0·6)	–	–	1·7 (0·9–2·7)	0·6 (0·2–1·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)
Abscess, impetigo, and other bacterial skin diseases	0·7 (0·5–1·0)	–	–	6·3 (3·3–9·9)	1·3 (0·5–2·3)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Decubitus ulcer	0·7 (0·5–0·9)	–	–	–	0·1 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·1–0·2)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	0·5 (0·2–1·3)	–	116·2 (31·1–404·4)	15·4 (6·7–38·5)	–	–	–
Injuries	52·8 (48·4–59·1)	697·8 (565·4–831·8)	255·2 (199·9–315·9)	110·1 (87·3–131·6)	68·3 (55·7–82·2)	21·8 (18·9–25·8)	18·7 (16·6–22·2)
Transport injuries	9·6 (7·5–11·7)	37·8 (19·5–66·7)	17·2 (9·7–26·0)	9·3 (6·2–13·9)	10·2 (6·7–14·7)	5·3 (4·1–6·8)	4·3 (3·2–5·4)

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Cause	Females, All Ages	Females, 0-6 Days	Females, 7-27 Days	Females, 28-364 Days	Females, 1-4 Years	Females, 5-9 Years	Females, 10-14 Years
Road injury	9·1 (7·1–10·3)	30·0 (16·4–54·6)	14·4 (9·2–22·6)	8·6 (6·2–13·0)	9·4 (7·4–12·8)	5·0 (4·1–6·1)	4·0 (3·2–4·8)
Pedestrian injury by road vehicle	2·3 (1·5–3·0)	6·4 (2·0–12·6)	2·4 (0·6–4·4)	1·4 (0·4–2·9)	3·1 (1·2–6·2)	1·6 (0·9–2·4)	1·1 (0·7–1·5)
Pedal cycle vehicle	0·5 (0·3–0·8)	–	–	–	0·3 (0·1–0·7)	0·3 (0·1–0·6)	0·3 (0·2–0·6)
Motorized vehicle with two wheels	1·0 (0·6–1·4)	2·9 (1·2–5·2)	1·1 (0·4–2·6)	0·9 (0·3–1·8)	0·8 (0·3–1·4)	0·4 (0·2–0·7)	0·4 (0·2–0·6)
Motorized vehicle with three or more wheels	3·7 (2·7–5·0)	20·6 (9·0–47·0)	6·9 (2·3–15·1)	4·4 (1·6–8·4)	3·7 (1·4–6·2)	1·9 (1·0–2·9)	1·5 (0·9–2·2)
Road injury other	1·6 (0·5–3·0)	0·1 (0·0–0·2)	4·0 (1·1–9·2)	1·9 (0·5–4·9)	1·5 (0·4–3·9)	0·8 (0·2–1·8)	0·8 (0·2–1·7)
Other transport injury	0·5 (0·3–0·8)	7·9 (2·8–16·3)	2·8 (0·9–4·6)	0·7 (0·2–1·3)	0·7 (0·1–1·4)	0·3 (0·1–0·6)	0·2 (0·1–0·5)
Unintentional injuries other than transport injuries	29·5 (26·8–34·0)	508·1 (393·5–632·9)	211·7 (163·7–276·7)	93·9 (72·4–116·0)	55·1 (43·3–67·6)	15·4 (12·8–18·8)	11·2 (9·6–13·6)
Falls	5·6 (4·6–6·8)	32·7 (20·7–45·1)	9·8 (6·5–17·3)	6·2 (4·0–10·9)	4·6 (2·5–7·4)	1·3 (0·9–1·8)	0·9 (0·6–1·2)
Drowning	5·4 (4·2–6·8)	28·7 (18·0–51·7)	6·2 (3·7–12·1)	8·2 (5·2–11·7)	22·1 (15·7–29·7)	5·3 (3·9–6·9)	4·0 (3·0–5·1)
Fire, heat and hot substances	5·8 (4·5–7·3)	30·3 (21·1–46·5)	22·6 (16·0–30·2)	12·3 (8·1–17·0)	10·0 (5·7–14·9)	2·7 (1·8–4·0)	1·5 (1·0–2·2)
Poisonings	2·7 (2·1–4·8)	27·5 (18·3–48·2)	17·7 (10·0–34·5)	5·2 (3·3–9·0)	3·9 (2·3–7·7)	1·0 (0·7–1·9)	1·0 (0·7–2·0)
Exposure to mechanical forces	3·3 (2·0–5·9)	28·3 (11·5–67·6)	11·1 (4·8–27·0)	3·9 (1·8–6·9)	6·2 (2·1–13·6)	2·4 (1·1–5·2)	1·8 (0·8–4·0)
Mechanical forces (firearm)	1·7 (0·4–4·1)	17·8 (2·9–49·1)	0·1 (0·0–0·3)	1·7 (0·4–3·9)	2·3 (0·4–5·9)	1·2 (0·3–3·2)	1·1 (0·2–3·0)
Mechanical forces (other)	1·6 (0·6–3·0)	10·5 (2·9–22·9)	11·0 (3·6–23·4)	2·2 (0·5–4·5)	4·0 (0·9–10·0)	1·2 (0·4–3·2)	0·7 (0·2–1·9)
Adverse effects of medical treatment	0·7 (0·3–0·9)	22·5 (9·6–38·1)	9·8 (3·9–16·3)	2·6 (0·9–4·5)	0·6 (0·2–1·1)	0·1 (0·0–0·2)	0·1 (0·0–0·1)
Animal contact	1·4 (0·8–2·0)	47·4 (19·8–103·8)	20·1 (8·2–40·7)	6·0 (2·0–11·9)	2·7 (0·8–4·8)	1·0 (0·5–1·7)	0·8 (0·3–1·3)
Animal contact (venomous)	1·0 (0·4–1·7)	23·1 (6·3–61·4)	20·1 (7·9–41·3)	3·4 (1·0–7·1)	1·8 (0·5–3·7)	0·8 (0·3–1·6)	0·6 (0·2–1·1)
Animal contact (non-venomous)	0·4 (0·1–0·8)	24·3 (5·3–77·0)	<0·05 (0·0–0·05)	2·6 (0·5–8·1)	0·9 (0·2–2·4)	0·2 (0·1–0·5)	0·2 (0·1–0·4)
Unintentional injuries not classified elsewhere	4·6 (3·4–5·3)	290·6 (156·1–403·6)	114·5 (70·3–161·5)	49·5 (33·2–68·1)	4·8 (3·2–6·8)	1·5 (1·0–2·1)	1·2 (0·8–1·7)
Self-harm and interpersonal violence	12·3 (8·8–16·5)	96·5 (53·7–135·1)	11·2 (5·4–20·0)	3·5 (2·4–4·4)	1·9 (1·2–2·7)	0·9 (0·7–1·2)	2·6 (1·8–3·8)
Self-harm	9·8 (6·4–13·9)	–	–	–	–	0·2 (0·1–0·4)	1·7 (1·1–3·0)
Interpersonal violence	2·5 (2·0–2·8)	96·5 (53·7–135·1)	11·2 (5·4–20·0)	3·5 (2·4–4·4)	1·9 (1·2–2·7)	0·7 (0·5–0·9)	0·8 (0·6–1·0)

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Cause	**Females, All Ages**	**Females, 0-6 Days**	**Females, 7-27 Days**	**Females, 28-364 Days**	**Females, 1-4 Years**	**Females, 5-9 Years**	**Females, 10-14 Years**
	0·7	5·4	5·9	0·4	0·3	0·1	0·2
Assault by firearm	(0·3–1·2)	(1·5–12·0)	(0·2–30·1)	(0·1–0·8)	(0·1–0·7)	(0·1–0·3)	(0·1–0·4)
	0·6	7·8	0·3	0·3	0·2	0·1	0·1
Assault by sharp object	(0·4–0·9)	(3·4–16·4)	(0·1–0·8)	(0·1–0·6)	(0·1–0·5)	(0·0–0·2)	(0·1–0·2)
	1·3	83·3	5·0	2·8	1·4	0·5	0·5
Assault by other means	(1·0–1·5)	(51·2–131·5)	(0·8–8·8)	(1·6–3·9)	(0·6–2·3)	(0·3–0·7)	(0·3–0·6)
	1·3	55·4	15·1	3·4	1·2	0·2	0·7
Forces of nature, war, and legal intervention	(0·8–2·7)	(38·3–79·4)	(11·0–19·5)	(2·6–4·5)	(0·9–1·5)	(0·2–0·3)	(0·4–1·6)
	0·4	21·1	4·9	1·3	0·3	0·1	0·2
Exposure to forces of nature	(0·2–0·9)	(13·7–31·5)	(3·5–6·9)	(0·9–1·9)	(0·2–0·4)	(0·1–0·1)	(0·1–0·5)
	0·9	34·3	10·2	2·1	0·9	0·2	0·5
Collective violence and legal intervention	(0·6–1·7)	(21·0–52·2)	(7·0–13·9)	(1·6–2·9)	(0·7–1·1)	(0·1–0·2)	(0·3–1·1)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
All causes	124·0 (115·0–135·0)	163·4 (152·2–177·8)	182·6 (170·7–197·4)	208·2 (195·3–223·0)	269·3 (247·1–293·4)	335·4 (314·7–360·8)	467·0 (437·1–498·5)
Communicable, maternal, neonatal, and nutritional disorders	54·8 (47·6–63·4)	82·3 (73·7–92·5)	93·1 (83·5–104·8)	95·5 (85·6–108·3)	108·1 (95·1–123·2)	101·6 (90·8–115·2)	113·4 (101·6–126·9)
HIV/AIDS and tuberculosis	6·7 (5·7–8·3)	15·7 (13·2–19·5)	23·5 (20·3–27·5)	25·0 (20·9–29·8)	29·4 (24·3–34·9)	29·6 (24·6–35·3)	37·5 (31·1–45·1)
Tuberculosis	5·4 (4·5–7·0)	10·8 (8·6–14·5)	15·4 (12·6–19·2)	16·8 (13·5–21·0)	21·5 (17·1–26·2)	22·6 (18·5–27·7)	30·1 (24·5–36·9)
HIV/AIDS	1·3 (0·9–1·7)	5·0 (3·8–6·5)	8·1 (6·3–10·1)	8·1 (6·1–10·6)	7·9 (4·8–10·6)	7·0 (4·4–10·0)	7·4 (4·2–11·4)
HIV disease resulting in mycobacterial infection	0·3 (0·2–0·4)	1·0 (0·8–1·4)	1·6 (1·2–2·1)	1·6 (1·2–2·1)	1·5 (0·8–2·1)	1·3 (0·8–1·9)	1·4 (0·7–2·3)
HIV disease resulting in other specified or unspecified diseases	1·0 (0·7–1·4)	3·9 (2·9–5·3)	6·4 (5·0–8·2)	6·5 (4·9–8·6)	6·4 (4·0–8·7)	5·6 (3·6–8·1)	6·0 (3·5–9·2)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	18·1 (14·9–21·9)	20·3 (17·0–23·5)	20·9 (17·6–24·7)	21·8 (18·6–25·5)	25·5 (21·6–29·9)	26·7 (22·8–31·0)	35·6 (30·7–41·1)
Diarrheal diseases	6·3 (4·7–8·5)	8·0 (6·4–10·1)	8·6 (6·8–10·9)	9·0 (7·2–11·6)	10·5 (8·1–13·6)	10·6 (8·4–13·2)	14·4 (11·9–17·8)
Cholera	0·2 (0·2–0·4)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·4 (0·2–0·5)	0·4 (0·3–0·6)	0·4 (0·3–0·6)	0·5 (0·3–0·7)
Other salmonella infections	0·7 (0·5–1·1)	0·9 (0·6–1·2)	0·8 (0·6–1·2)	0·8 (0·6–1·2)	0·9 (0·6–1·3)	0·8 (0·6–1·2)	1·0 (0·7–1·4)
Shigellosis	0·8 (0·5–1·3)	1·0 (0·7–1·4)	1·0 (0·6–1·4)	1·0 (0·6–1·4)	1·0 (0·6–1·5)	1·0 (0·6–1·4)	1·3 (0·9–1·9)
Enteropathogenic E coli infection	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·0–0·2)	0·1 (0·1–0·2)
Enterotoxigenic E coli infection	0·6 (0·4–0·9)	0·8 (0·5–1·1)	0·9 (0·6–1·3)	1·0 (0·7–1·5)	1·3 (0·8–1·9)	1·4 (0·9–2·0)	1·8 (1·2–2·5)
Campylobacter enteritis	0·4 (0·2–0·6)	0·4 (0·3–0·7)	0·5 (0·3–0·7)	0·5 (0·3–0·7)	0·5 (0·3–0·8)	0·5 (0·3–0·8)	0·7 (0·5–1·0)
Amoebiasis	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·4 (0·2–0·6)	0·5 (0·3–0·7)	0·6 (0·4–0·9)	0·7 (0·4–1·0)	0·9 (0·6–1·3)
Cryptosporidiosis	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·2–0·4)
Rotaviral enteritis	0·7 (0·5–1·0)	0·8 (0·6–1·2)	0·9 (0·6–1·2)	0·8 (0·6–1·2)	0·9 (0·6–1·3)	0·9 (0·6–1·3)	1·3 (0·8–1·7)
Other diarrheal diseases	2·4 (1·4–4·0)	3·2 (1·9–4·9)	3·5 (2·0–5·3)	3·8 (2·2–5·8)	4·6 (2·7–7·4)	4·8 (2·9–7·2)	6·5 (4·1–9·4)
Typhoid and paratyphoid fevers	2·2 (0·3–4·2)	2·0 (0·2–3·7)	1·8 (0·2–3·3)	1·6 (0·2–3·0)	1·4 (0·2–2·6)	1·3 (0·1–2·4)	1·2 (0·1–2·3)
Lower respiratory infections	5·0 (3·7–5·8)	6·0 (4·5–7·0)	6·7 (5·2–7·9)	7·3 (5·5–8·7)	9·4 (7·3–11·1)	11·0 (8·3–12·9)	14·4 (11·1–17·0)
Influenza	1·1 (0·8–1·2)	1·3 (1·0–1·6)	1·5 (1·2–1·9)	1·8 (1·3–2·1)	2·4 (1·8–2·8)	2·8 (2·1–3·3)	3·6 (2·7–4·2)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
Pneumococcal pneumonia	1·2 (0·9–1·4)	1·6 (1·2–1·8)	2·0 (1·5–2·3)	2·3 (1·8–2·8)	3·2 (2·4–3·8)	3·9 (2·9–4·7)	5·2 (4·0–6·2)
H influenzae type B pneumonia	1·0 (0·7–1·2)	1·1 (0·8–1·3)	1·2 (0·9–1·4)	1·3 (1·0–1·5)	1·6 (1·3–2·0)	1·8 (1·4–2·2)	2·2 (1·8–2·7)
Respiratory syncytial virus pneumonia	<0·05 (0·1–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)
Other lower respiratory infections	1·7 (1·3–2·1)	1·9 (1·4–2·3)	1·9 (1·4–2·3)	1·9 (1·4–2·3)	2·1 (1·6–2·6)	2·3 (1·7–2·9)	3·3 (2·5–4·0)
Upper respiratory infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Otitis media	<0·05 (0·0–0·7)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	<0·05 (0·0–0·4)	<0·05 (0·0–0·5)
Meningitis	1·9 (1·5–2·7)	2·1 (1·6–2·9)	2·1 (1·5–2·9)	2·1 (1·6–2·9)	2·4 (1·7–3·6)	2·2 (1·7–2·9)	3·2 (2·3–4·6)
Pneumococcal meningitis	0·7 (0·5–0·9)	0·8 (0·6–1·1)	0·8 (0·6–1·1)	0·8 (0·6–1·1)	0·9 (0·6–1·3)	0·7 (0·5–1·0)	1·1 (0·8–1·6)
H influenzae type B meningitis	0·3 (0·2–0·4)	0·2 (0·1–0·3)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)
Meningococcal infection	0·4 (0·3–0·6)	0·5 (0·3–0·6)	0·5 (0·3–0·6)	0·5 (0·3–0·6)	0·5 (0·4–0·7)	0·4 (0·3–0·6)	0·6 (0·4–0·9)
Other meningitis	0·5 (0·4–0·7)	0·7 (0·5–1·0)	0·8 (0·6–1·0)	0·8 (0·6–1·1)	0·9 (0·7–1·4)	0·9 (0·7–1·2)	1·3 (0·9–1·9)
Encephalitis	0·7 (0·4–1·2)	0·9 (0·5–1·5)	0·8 (0·4–1·5)	0·7 (0·4–1·4)	0·8 (0·4–1·6)	0·6 (0·3–1·2)	1·2 (0·6–2·2)
Diphtheria	<0·05 (0·0–0·2)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)
Whooping cough	<0·05 (0·0–0·5)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	<0·05 (0·0–0·3)	0·1 (0·0–0·3)
Tetanus	0·4 (0·0–2·0)	0·4 (0·0–1·9)	0·4 (0·0–1·9)	0·5 (0·0–2·3)	0·6 (0·0–2·7)	0·7 (0·0–3·1)	0·9 (0·0–4·4)
Measles	1·4 (0·4–3·7)	0·8 (0·2–2·1)	0·5 (0·1–1·2)	0·3 (0·1–0·8)	0·2 (0·1–0·5)	0·2 (0·1–0·4)	0·1 (0·0–0·3)
Varicella	<0·05 (0·0–0·6)	<0·05 (0·0–0·6)	0·1 (0·0–0·4)	0·1 (0·0–0·5)	0·1 (0·0–0·5)	0·1 (0·0–0·4)	0·1 (0·0–0·5)
Neglected tropical diseases and malaria	7·2 (4·6–12·0)	7·5 (5·0–11·9)	7·6 (4·8–12·6)	7·6 (4·9–12·5)	8·4 (5·4–14·3)	9·4 (6·2–15·7)	10·9 (7·3–17·6)
Malaria	5·2 (2·9–10·0)	5·4 (3·2–9·7)	5·4 (3·0–10·4)	5·3 (2·8–10·4)	5·8 (3·1–11·7)	6·5 (3·7–12·8)	7·5 (4·3–14·4)
Chagas disease	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·1–0·5)
Leishmaniasis	0·6 (0·3–1·2)	0·6 (0·3–1·0)	0·5 (0·3–0·9)	0·5 (0·3–0·9)	0·6 (0·3–0·9)	0·6 (0·3–1·0)	0·7 (0·4–1·2)
African trypanosomiasis	0·7 (0·2–1·5)	0·8 (0·2–1·7)	0·8 (0·3–1·9)	0·9 (0·3–2·1)	0·9 (0·3–1·9)	0·8 (0·3–1·9)	0·8 (0·2–1·7)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
Schistosomiasis	<0·05 (0·0–0·6)	0·1 (0·0–0·3)	0·1 (0·0–0·4)	0·1 (0·0–0·6)	0·2 (0·0–1·1)	0·3 (0·0–1·5)	0·4 (0·0–2·2)
Cysticercosis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Echinococcosis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)
Dengue	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·4)	0·1 (0·0–0·3)	0·2 (0·0–0·4)
Rabies	0·4 (0·1–1·2)	0·4 (0·1–1·1)	0·4 (0·1–1·2)	0·4 (0·1–1·3)	0·5 (0·2–1·6)	0·6 (0·2–1·7)	0·8 (0·3–1·9)
Intestinal nematode infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Ascariasis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other neglected tropical diseases	0·1 (0·1–0·2)	0·1 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·1–0·4)	0·3 (0·2–0·6)
Maternal disorders	16·4 (11·5–22·7)	31·1 (24·5–39·1)	33·4 (26·6–41·7)	32·9 (26·4–42·3)	34·7 (26·9–44·8)	24·2 (18·3–31·2)	15·5 (10·4–20·7)
Maternal hemorrhage	2·7 (1·9–3·6)	5·9 (4·8–7·3)	7·6 (6·0–9·4)	8·6 (6·9–10·9)	9·6 (7·4–12·3)	7·1 (5·4–9·0)	4·8 (3·2–6·4)
Maternal sepsis	2·0 (1·3–2·9)	3·6 (2·7–4·6)	3·3 (2·5–4·3)	2·8 (2·1–3·7)	2·7 (1·9–3·7)	1·6 (1·2–2·3)	0·8 (0·6–1·2)
Hypertensive disorders of pregnancy	4·7 (3·2–6·7)	6·7 (5·1–8·6)	6·5 (5·0–8·2)	5·7 (4·4–7·4)	5·7 (4·3–7·6)	3·7 (2·8–5·0)	2·2 (1·4–3·0)
Obstructed labor	0·7 (0·4–1·1)	2·0 (1·4–2·7)	1·9 (1·3–2·5)	1·6 (1·1–2·2)	1·8 (1·1–2·7)	1·2 (0·8–1·9)	0·6 (0·4–1·0)
Abortion	2·7 (1·8–3·9)	5·3 (4·0–6·9)	5·4 (4·1–6·9)	5·2 (3·9–6·8)	5·2 (3·7–7·0)	3·3 (2·4–4·6)	1·8 (1·2–2·5)
Other maternal disorders	3·6 (2·7–4·5)	7·6 (6·2–9·2)	8·7 (7·1–10·8)	9·1 (7·4–11·3)	9·7 (7·7–12·0)	7·3 (5·5–8·8)	5·2 (3·4–6·8)
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	3·8 (2·2–6·9)	4·3 (2·7–7·9)	4·2 (2·7–7·3)	4·6 (3·0–7·6)	5·6 (3·8–9·3)	6·5 (4·3–10·9)	7·9 (5·3–12·5)
Protein-energy malnutrition	3·2 (1·8–6·2)	3·6 (2·0–7·0)	3·5 (2·1–6·3)	3·8 (2·4–6·4)	4·7 (3·0–7·9)	5·6 (3·4–9·6)	6·8 (4·3–10·7)

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Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
Iodine deficiency	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Iron-deficiency anemia	0·6 (0·4–0·8)	0·7 (0·5–0·9)	0·7 (0·5–1·0)	0·7 (0·5–1·0)	0·8 (0·5–1·1)	0·8 (0·5–1·1)	1·0 (0·6–1·3)
Other nutritional deficiencies	<0·05 (0·0–0·05)	<0·05 (0·1–0·05)	<0·05 (0·1–0·1)	<0·05 (0·1–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)
Other communicable, maternal, neonatal, and nutritional disorders	2·7 (2·1–3·3)	3·3 (2·6–4·2)	3·5 (2·6–4·4)	3·7 (2·8–4·6)	4·5 (3·4–5·6)	5·1 (4·0–6·4)	6·0 (4·7–7·4)
Sexually transmitted diseases excluding HIV	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·1–0·4)	0·3 (0·1–0·5)	0·4 (0·2–0·7)	0·3 (0·2–0·5)	0·4 (0·2–0·7)
Syphilis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sexually transmitted chlamydial diseases	<0·05 (0·1–0·2)	<0·05 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·2)
Gonococcal infection	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other sexually transmitted diseases	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·3)	0·2 (0·1–0·4)
Hepatitis	1·6 (1·2–2·2)	2·1 (1·6–2·7)	2·0 (1·6–2·6)	2·0 (1·6–2·6)	2·6 (1·9–3·4)	3·2 (2·4–4·2)	3·6 (2·8–4·8)
Acute hepatitis A	0·3 (0·1–0·6)	0·4 (0·1–0·8)	0·5 (0·2–1·0)	0·6 (0·2–1·3)	1·1 (0·4–2·2)	1·6 (0·6–3·5)	2·0 (0·7–4·2)
Acute hepatitis B	0·1 (0·0–0·2)	0·1 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·6 (0·3–0·9)	0·9 (0·5–1·5)	1·3 (0·8–2·1)
Acute hepatitis C	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·4)
Acute hepatitis E	1·2 (0·6–2·3)	1·5 (0·8–2·8)	1·4 (0·7–2·6)	1·0 (0·5–2·0)	0·8 (0·4–1·5)	0·4 (0·1–0·9)	0·1 (0·0–0·3)
Other infectious diseases	0·9 (0·5–1·3)	1·1 (0·6–1·7)	1·2 (0·6–1·9)	1·3 (0·7–1·9)	1·5 (0·8–2·2)	1·6 (0·9–2·5)	2·0 (1·1–3·0)
Non-communicable diseases	29·0 (25·6–32·1)	37·5 (33·3–40·9)	49·2 (43·9–53·3)	72·5 (65·3–77·5)	118·1 (107·5–128·0)	189·4 (173·9–205·1)	306·5 (280·6–330·3)
Neoplasms	6·4 (5·1–7·7)	8·0 (6·5–9·3)	12·5 (10·5–14·6)	23·4 (20·3–26·3)	42·9 (37·4–48·1)	72·9 (64·8–81·2)	118·4 (105·8–129·1)
Esophageal cancer	<0·05 (0·0–0·3)	0·1 (0·0–0·2)	0·2 (0·1–0·4)	0·4 (0·2–0·8)	1·0 (0·5–1·7)	2·6 (1·0–5·3)	4·9 (2·4–9·1)
Stomach cancer	0·1 (0·1–0·2)	0·5 (0·3–0·9)	1·3 (0·7–1·9)	3·1 (1·6–4·6)	5·3 (2·9–8·7)	7·9 (4·4–12·4)	11·8 (6·6–18·4)
Liver cancer	0·3 (0·1–0·6)	0·5 (0·2–0·9)	0·8 (0·4–1·7)	1·5 (0·7–2·7)	2·8 (1·4–4·4)	4·3 (2·4–5·9)	6·9 (4·1–9·0)
Liver cancer secondary to hepatitis B	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·7)	0·6 (0·2–1·1)	1·1 (0·5–1·8)	1·7 (0·9–2·4)	2·7 (1·6–3·5)
Liver cancer secondary to hepatitis C	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)	0·1 (0·0–0·1)	0·2 (0·1–0·3)	0·6 (0·4–0·8)	1·3 (0·8–1·7)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
Liver cancer secondary to alcohol use	<0·05 (0·0–0·05)	0·1 (0·0–0·1)	0·2 (0·1–0·4)	0·4 (0·2–0·7)	0·7 (0·4–1·1)	1·1 (0·6–1·4)	1·6 (0·9–2·1)
Other liver cancer	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·3 (0·1–0·6)	0·5 (0·2–0·8)	0·7 (0·4–1·1)	1·0 (0·6–1·3)	1·3 (0·8–1·7)
Larynx cancer	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)	<0·05 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·2 (0·1–0·5)	0·5 (0·2–1·0)
Trachea, bronchus and lung cancers	0·1 (0·1–0·2)	0·2 (0·1–0·4)	0·5 (0·3–0·9)	1·2 (0·7–1·9)	2·7 (1·7–4·6)	5·6 (3·7–9·0)	10·3 (6·7–16·1)
Breast cancer	0·1 (0·1–0·1)	0·2 (0·2–0·3)	1·0 (0·9–1·1)	3·6 (3·3–3·8)	8·3 (7·8–8·8)	15·0 (14·3–15·7)	22·4 (21·4–23·6)
Cervical cancer	0·1 (0·1–0·1)	0·3 (0·2–0·4)	1·0 (0·6–1·4)	2·5 (1·6–3·7)	5·4 (3·4–8·0)	9·6 (6·1–13·7)	16·3 (9·9–23·5)
Uterine cancer	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·4 (0·2–0·6)	0·8 (0·4–1·2)	1·4 (0·8–2·3)
Prostate cancer	–	–	–	–	–	–	–
Colon and rectum cancers	0·1 (0·1–0·2)	0·4 (0·2–0·5)	0·8 (0·5–1·0)	1·4 (0·9–1·8)	2·5 (1·6–3·1)	4·3 (3·0–5·1)	7·2 (5·1–8·4)
Mouth cancer	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·4)	0·5 (0·3–0·8)	1·0 (0·6–1·4)	1·8 (1·1–2·4)
Nasopharynx cancer	0·1 (0·1–0·3)	0·2 (0·1–0·3)	0·1 (0·1–0·3)	0·3 (0·1–0·5)	0·6 (0·3–1·0)	0·8 (0·4–1·4)	1·3 (0·7–2·1)
Cancer of other part of pharynx and oropharynx	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·2 (0·0–0·7)	0·4 (0·1–1·1)	0·5 (0·1–1·3)	0·9 (0·3–1·9)	1·6 (0·6–3·0)
Gallbladder and biliary tract cancer	0·1 (0·0–0·3)	0·1 (0·0–0·3)	0·2 (0·0–0·6)	0·2 (0·1–0·7)	0·4 (0·2–0·8)	0·9 (0·4–1·9)	1·8 (0·8–3·0)
Pancreatic cancer	<0·05 (0·0–0·4)	0·1 (0·0–0·2)	0·1 (0·1–0·3)	0·2 (0·1–0·5)	0·5 (0·2–0·8)	1·0 (0·5–1·7)	2·1 (1·3–3·4)
Malignant melanoma of skin	<0·05 (0·0–0·05)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·5 (0·3–0·8)	0·7 (0·4–1·2)
Non-melanoma skin cancer	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·4)
Ovarian cancer	0·3 (0·2–0·5)	0·4 (0·3–0·6)	0·6 (0·4–0·8)	0·9 (0·6–1·2)	1·8 (1·2–2·4)	3·6 (2·3–4·5)	7·0 (4·8–8·6)
Testicular cancer	–	–	–	–	–	–	–
Kidney and other urinary organ cancers	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·1–0·3)	0·2 (0·1–0·5)	0·5 (0·2–0·8)	0·9 (0·5–1·5)
Bladder cancer	<0·05 (0·0–0·05)	<0·05 (0·1–0·05)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·4 (0·3–0·5)	0·7 (0·5–0·8)
Brain and nervous system cancers	0·4 (0·2–0·6)	0·5 (0·3–0·8)	0·7 (0·3–1·0)	1·0 (0·5–1·5)	1·6 (0·8–2·3)	2·2 (1·1–3·4)	3·1 (1·6–4·7)
Thyroid cancer	<0·05 (0·1–0·2)	<0·05 (0·1–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·4 (0·3–0·6)

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Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
Hodgkin's disease	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·3 (0·1–0·4)	0·3 (0·1–0·5)
Non-Hodgkin's lymphoma	0·5 (0·3–0·7)	0·6 (0·3–0·9)	0·6 (0·3–0·8)	0·7 (0·5–1·0)	0·9 (0·6–1·1)	1·3 (0·9–1·8)	2·1 (1·3–2·8)
Multiple myeloma	0·1 (0·0–0·2)	0·1 (0·0–0·2)	<0·05 (0·0–0·3)	0·1 (0·0–0·1)	0·1 (0·1–0·3)	0·2 (0·1–0·4)	0·5 (0·3–0·8)
Leukemia	2·0 (1·2–3·0)	1·8 (1·1–2·8)	1·8 (1·2–2·7)	2·1 (1·2–3·2)	2·6 (1·5–3·9)	3·0 (1·8–4·3)	3·6 (2·2–5·2)
Other neoplasms	1·5 (0·8–2·2)	1·4 (0·8–2·1)	1·7 (0·9–2·5)	2·5 (1·4–3·6)	3·8 (2·2–5·6)	5·7 (3·4–8·8)	8·8 (5·3–12·6)
Cardiovascular and circulatory diseases	6·9 (4·9–8·4)	10·3 (7·7–12·4)	13·7 (10·3–16·9)	20·5 (15·1–25·1)	33·6 (25·8–43·4)	57·8 (45·3–73·0)	97·5 (75·5–119·7)
Rheumatic heart disease	1·7 (1·3–2·3)	2·4 (1·9–3·2)	3·4 (2·7–4·3)	4·4 (3·4–5·6)	6·9 (5·5–8·6)	9·4 (7·7–11·8)	12·3 (10·3–15·1)
Ischemic heart disease	1·9 (1·4–2·2)	3·1 (2·5–3·8)	3·8 (3·1–4·4)	6·4 (5·4–7·4)	9·9 (8·8–11·7)	18·3 (16·2–22·7)	30·9 (27·4–36·8)
Cerebrovascular disease	1·6 (1·2–2·0)	2·5 (2·0–3·2)	3·6 (2·9–4·6)	5·7 (4·6–7·3)	10·6 (8·9–13·6)	20·6 (16·4–27·0)	38·6 (31·0–48·6)
Ischemic stroke	0·2 (0·2–0·3)	0·4 (0·3–0·6)	0·6 (0·4–0·8)	0·9 (0·7–1·2)	1·4 (1·1–1·8)	2·6 (2·1–3·6)	5·1 (4·3–7·0)
Hemorrhagic and other non-ischemic stroke	1·4 (1·0–1·9)	2·1 (1·5–2·9)	3·0 (2·2–4·3)	4·8 (3·7–6·4)	9·2 (6·9–12·5)	18·0 (14·0–24·1)	33·5 (26·2–43·0)
Hypertensive heart disease	0·2 (0·1–0·3)	0·4 (0·2–0·5)	0·5 (0·3–0·8)	0·9 (0·6–1·3)	1·7 (1·1–2·6)	3·3 (2·1–4·7)	6·2 (4·0–9·1)
Cardiomyopathy and myocarditis	0·6 (0·3–1·0)	0·7 (0·4–1·2)	0·9 (0·6–1·5)	1·2 (0·8–1·7)	1·7 (1·2–2·3)	2·5 (1·9–3·1)	3·7 (2·9–4·5)
Atrial fibrillation and flutter	–	–	–	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·3)
Aortic aneurysm	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·2 (0·1–0·4)	0·3 (0·1–0·6)	0·5 (0·2–1·2)	0·8 (0·4–1·8)
Peripheral vascular disease	–	–	–	–	–	<0·05 (0·0–0·1)	0·1 (0·0–0·1)
Endocarditis	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·4)	0·3 (0·2–0·4)	0·4 (0·2–0·6)	0·4 (0·3–0·6)	0·5 (0·3–0·7)
Other cardiovascular and circulatory diseases	0·7 (0·5–0·9)	0·9 (0·6–1·1)	1·1 (0·8–1·4)	1·4 (1·1–1·8)	2·1 (1·6–2·6)	2·8 (2·3–3·4)	4·4 (3·6–5·2)
Chronic respiratory diseases	2·2 (1·9–2·5)	3·0 (2·6–3·3)	4·3 (3·9–4·8)	5·6 (5·1–6·2)	10·5 (9·4–11·8)	15·8 (14·3–17·7)	29·1 (26·4–32·1)
Chronic obstructive pulmonary disease	0·8 (0·6–1·2)	1·2 (0·9–1·6)	2·0 (1·4–2·7)	2·8 (2·2–3·5)	6·1 (4·7–7·7)	9·8 (7·9–11·9)	19·4 (15·8–23·5)
Pneumoconiosis	0·1 (0·0–0·1)	0·1 (0·0–0·3)	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·6)	0·4 (0·2–0·9)	0·8 (0·4–1·6)
Asthma	0·7 (0·4–1·4)	0·8 (0·5–1·5)	1·1 (0·7–2·5)	1·4 (1·0–2·8)	2·4 (1·5–4·9)	3·4 (2·3–6·5)	5·8 (3·9–11·0)

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Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
Other interstitial lung disease	<0·05 (0·0–0·2)	<0·05 (0·1–0·2)	0·1 (0·0–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·4)	0·3 (0·1–0·5)	0·6 (0·3–0·9)
Other chronic respiratory diseases	0·6 (0·3–1·1)	0·7 (0·3–1·5)	1·0 (0·5–2·0)	1·1 (0·6–2·2)	1·5 (0·7–3·1)	1·8 (1·0–3·7)	2·6 (1·4–5·2)
Cirrhosis of the liver	0·7 (0·5–0·9)	1·1 (0·8–1·4)	1·8 (1·2–2·2)	3·3 (2·3–3·9)	5·8 (4·3–7·0)	9·4 (6·9–11·3)	14·0 (10·3–16·3)
Cirrhosis of the liver secondary to hepatitis B	0·2 (0·1–0·2)	0·3 (0·2–0·4)	0·5 (0·3–0·6)	0·9 (0·6–1·1)	1·6 (1·3–2·0)	2·8 (2·1–3·4)	4·5 (3·4–5·4)
Cirrhosis of the liver secondary to hepatitis C	0·1 (0·1–0·1)	0·2 (0·2–0·3)	0·3 (0·2–0·4)	0·6 (0·5–0·8)	1·3 (1·0–1·5)	2·5 (2·0–2·9)	4·2 (3·4–4·8)
Cirrhosis of the liver secondary to alcohol use	<0·05 (0·0–0·05)	0·1 (0·1–0·1)	0·2 (0·2–0·3)	0·6 (0·5–0·7)	1·1 (0·9–1·3)	1·7 (1·4–1·9)	2·3 (1·9–2·7)
Other cirrhosis of the liver	0·4 (0·3–0·5)	0·5 (0·4–0·7)	0·7 (0·5–0·9)	1·2 (0·9–1·4)	1·8 (1·5–2·1)	2·4 (2·0–2·9)	3·0 (2·4–3·5)
Digestive diseases (except cirrhosis)	2·9 (2·4–3·5)	3·7 (3·1–4·3)	4·1 (3·5–4·8)	5·3 (4·5–6·0)	6·5 (5·7–7·5)	9·1 (8·0–10·3)	12·6 (11·2–14·1)
Peptic ulcer disease	1·1 (0·8–1·5)	1·4 (1·1–1·9)	1·6 (1·1–2·1)	1·9 (1·4–2·5)	2·2 (1·6–2·8)	3·2 (2·3–4·1)	4·3 (3·1–5·5)
Gastritis and duodenitis	<0·05 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·4)
Appendicitis	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·1–0·4)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·4 (0·2–0·7)	0·5 (0·3–0·9)
Paralytic ileus and intestinal obstruction without hernia	0·3 (0·1–0·5)	0·4 (0·2–0·6)	0·5 (0·2–0·8)	0·6 (0·3–0·9)	0·8 (0·4–1·3)	1·0 (0·5–1·4)	1·5 (0·7–2·3)
Inguinal or femoral hernia	<0·05 (0·1–0·05)	<0·05 (0·1–0·05)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·1 (0·1–0·1)	0·2 (0·2–0·2)
Noninfective inflammatory bowel disease	0·1 (0·0–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·3 (0·2–0·5)
Vascular disorders of intestine	<0·05 (0·0–0·1)	<0·05 (0·0–0·2)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·1–0·3)	0·3 (0·1–0·6)
Gall bladder and bile duct disease	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·3 (0·2–0·6)	0·5 (0·3–0·8)	0·6 (0·4–1·1)	0·8 (0·5–1·4)	1·1 (0·8–1·8)
Pancreatitis	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·4 (0·3–0·6)	0·6 (0·4–0·8)	0·7 (0·5–1·0)
Other digestive diseases	0·8 (0·4–1·3)	0·9 (0·5–1·6)	1·0 (0·5–1·6)	1·3 (0·7–2·0)	1·6 (0·8–2·4)	2·3 (1·3–3·4)	3·4 (1·8–5·0)
Neurological disorders	2·7 (1·7–3·8)	3·1 (2·0–4·3)	3·2 (2·2–4·4)	3·7 (2·5–5·2)	4·6 (3·1–6·4)	5·8 (3·8–8·0)	7·8 (4·8–11·8)
Alzheimer's disease and other dementias	0·1 (0·1–0·2)	0·1 (0·1–0·3)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·5)	0·4 (0·2–0·8)	0·4 (0·2–0·6)
Parkinson's disease	–	0·1 (0·0–0·1)	<0·05 (0·0–0·2)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·3)	0·2 (0·1–0·3)
Epilepsy	1·4 (0·9–1·8)	1·7 (1·1–2·2)	1·8 (1·1–2·4)	1·8 (1·2–2·4)	2·1 (1·3–2·7)	2·0 (1·2–2·6)	2·0 (1·2–2·8)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
Multiple sclerosis	–	0·1 (0·0–0·1)	0·1 (0·1–0·3)	0·2 (0·1–0·4)	0·4 (0·2–0·6)	0·6 (0·3–0·9)	0·8 (0·5–1·2)
Other neurological disorders	1·1 (0·5–2·1)	1·2 (0·5–2·2)	1·2 (0·5–2·1)	1·5 (0·7–2·9)	1·9 (0·8–3·4)	2·7 (1·2–4·8)	4·5 (1·9–8·4)
Mental and behavioral disorders	0·3 (0·1–0·6)	0·5 (0·2–0·9)	1·0 (0·5–1·5)	1·2 (0·7–2·0)	1·7 (1·1–2·6)	2·4 (1·5–3·9)	2·5 (1·4–3·9)
Schizophrenia	–	–	0·3 (0·1–0·5)	0·4 (0·2–0·9)	0·5 (0·2–1·0)	0·8 (0·3–1·6)	0·5 (0·3–0·9)
Alcohol use disorders	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·1–0·4)	0·3 (0·1–0·7)	0·7 (0·3–1·3)	1·1 (0·4–2·2)	1·4 (0·5–2·6)
Drug use disorders	0·2 (0·1–0·4)	0·3 (0·1–0·7)	0·4 (0·2–0·9)	0·4 (0·2–0·7)	0·4 (0·2–0·9)	0·4 (0·2–0·8)	0·4 (0·2–0·7)
Opioid use disorders	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·1–0·3)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)
Cocaine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·1 (0·0–0·3)	0·2 (0·1–0·5)	0·3 (0·1–0·5)	0·2 (0·1–0·5)	0·3 (0·1–0·5)	0·3 (0·1–0·5)	0·2 (0·1–0·5)
Eating disorders	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)
Other mental and behavioral disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)
Diabetes, urogenital, blood, and endocrine diseases	4·4 (3·2–6·9)	5·3 (4·0–7·5)	5·9 (4·8–7·7)	7·2 (5·9–9·1)	9·7 (8·1–12·0)	12·8 (10·9–15·8)	20·6 (18·0–24·8)
Diabetes mellitus	0·7 (0·5–1·0)	1·0 (0·7–1·4)	1·4 (1·1–1·7)	1·9 (1·4–2·3)	2·9 (2·4–3·4)	4·7 (3·8–5·4)	8·8 (7·5–10·2)
Acute glomerulonephritis	0·8 (0·2–3·1)	0·9 (0·2–2·8)	0·7 (0·2–2·1)	0·8 (0·3–2·2)	0·9 (0·3–2·8)	1·0 (0·3–3·0)	1·4 (0·4–4·7)
Chronic kidney diseases	1·0 (0·7–1·5)	1·3 (0·9–1·9)	1·6 (1·2–2·2)	2·2 (1·6–2·9)	3·3 (2·3–4·5)	4·1 (2·9–5·6)	6·4 (4·6–8·5)
Chronic kidney disease due to diabetes mellitus	<0·05 (0·0–0·05)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·3 (0·2–0·4)	0·5 (0·4–0·8)	0·8 (0·6–1·2)	1·6 (1·1–2·1)
Chronic kidney disease due to hypertension	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·4 (0·3–0·6)	0·7 (0·5–0·9)	1·0 (0·7–1·3)	1·4 (1·0–1·9)
Chronic kidney disease unspecified	0·9 (0·6–1·2)	1·1 (0·7–1·5)	1·2 (0·9–1·6)	1·5 (1·1–2·0)	2·1 (1·5–2·8)	2·3 (1·6–3·3)	3·3 (2·4–4·5)
Urinary diseases and male infertility	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·4 (0·2–0·6)	0·5 (0·3–0·7)	0·7 (0·4–0·9)	0·9 (0·5–1·3)	1·5 (0·8–2·0)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·4 (0·2–0·5)	0·5 (0·3–0·8)	0·8 (0·5–1·1)
Urolithiasis	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·2 (0·1–0·4)	0·2 (0·1–0·6)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
Other urinary diseases	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·3 (0·1–0·4)	0·4 (0·2–0·6)
Gynecological diseases	0·1 (0·1–0·2)	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·1–0·7)	0·4 (0·2–0·8)	0·3 (0·2–0·6)
Uterine fibroids	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)
Endometriosis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Genital prolapse	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other gynecological diseases	0·1 (0·1–0·2)	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·1–0·6)	0·3 (0·1–0·8)	0·3 (0·1–0·5)
Hemoglobinopathies and hemolytic anemias	1·1 (0·5–1·9)	1·2 (0·5–2·1)	1·1 (0·5–1·9)	1·0 (0·5–1·8)	0·9 (0·5–1·8)	0·8 (0·5–1·7)	1·1 (0·6–2·3)
Thalassemias	0·6 (0·2–0·9)	0·5 (0·2–0·9)	0·5 (0·2–0·7)	0·4 (0·2–0·6)	0·4 (0·2–0·6)	0·3 (0·2–0·6)	0·4 (0·2–0·6)
Sickle cell disorders	0·2 (0·1–0·4)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·2 (0·1–0·4)
G6PD deficiency	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)
Other hemoglobinopathies and hemolytic anemias	0·2 (0·1–0·6)	0·4 (0·1–0·8)	0·4 (0·1–0·8)	0·3 (0·1–0·7)	0·3 (0·1–0·7)	0·3 (0·1–0·7)	0·4 (0·1–1·0)
Other endocrine, nutritional, blood, and immune disorders	0·4 (0·1–0·9)	0·5 (0·2–1·0)	0·5 (0·2–1·1)	0·6 (0·2–1·1)	0·7 (0·3–1·3)	0·9 (0·4–1·5)	1·2 (0·5–1·9)
Musculoskeletal disorders	0·4 (0·2–0·7)	0·6 (0·3–1·0)	0·6 (0·3–1·0)	0·8 (0·4–1·2)	0·9 (0·4–1·4)	1·1 (0·6–1·6)	1·4 (0·7–2·0)
Rheumatoid arthritis	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·2–0·5)	0·5 (0·3–0·8)
Other musculoskeletal disorders	0·4 (0·2–0·6)	0·5 (0·3–0·9)	0·5 (0·3–0·8)	0·6 (0·3–0·9)	0·7 (0·4–1·1)	0·7 (0·5–1·0)	0·9 (0·5–1·2)
Other non-communicable diseases	2·1 (1·6–2·8)	1·8 (1·4–2·5)	2·1 (1·5–2·8)	1·4 (1·1–1·8)	1·8 (1·3–2·3)	2·3 (1·6–3·2)	2·6 (2·0–3·5)
Congenital anomalies	1·6 (1·2–2·3)	1·4 (1·0–2·1)	1·5 (1·1–2·3)	0·9 (0·6–1·2)	1·0 (0·7–1·5)	1·0 (0·7–1·5)	1·4 (1·0–1·9)
Neural tube defects	0·2 (0·1–0·4)	0·1 (0·0–0·3)	0·2 (0·1–0·5)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·1 (0·0–0·4)	0·1 (0·0–0·3)
Congenital heart anomalies	1·0 (0·6–1·4)	0·9 (0·6–1·3)	0·9 (0·5–1·3)	0·5 (0·3–0·7)	0·6 (0·4–0·8)	0·5 (0·3–0·7)	0·6 (0·4–0·8)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·1–0·3)	0·2 (0·1–0·3)
Other chromosomal abnormalities	<0·05 (0·0–0·3)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
Other congenital anomalies	0·3 (0·2–0·5)	0·3 (0·1–0·5)	0·3 (0·1–0·5)	0·2 (0·1–0·3)	0·2 (0·1–0·5)	0·3 (0·2–0·5)	0·5 (0·3–0·8)
Skin and subcutaneous diseases	0·5 (0·3–0·8)	0·4 (0·2–0·6)	0·5 (0·3–0·8)	0·5 (0·3–0·8)	0·7 (0·4–1·1)	1·2 (0·7–2·1)	1·2 (0·8–1·9)
Cellulitis	0·2 (0·1–0·2)	0·1 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·2–0·4)	0·4 (0·2–0·7)	0·4 (0·3–0·6)
Abscess, impetigo, and other bacterial skin diseases	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·3 (0·2–0·5)	0·5 (0·3–0·9)	0·5 (0·3–0·7)
Decubitus ulcer	0·1 (0·1–0·2)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·3 (0·2–0·5)	0·3 (0·2–0·5)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	40·2 (35·3–48·6)	43·7 (36·9–52·6)	40·3 (34·9–47·8)	40·2 (34·9–46·9)	43·1 (36·3–53·3)	44·5 (37·8–53·7)	47·0 (40·3–55·3)
Transport injuries	7·8 (6·3–9·9)	7·7 (6·0–9·9)	7·3 (5·4–9·4)	7·3 (5·3–9·3)	8·6 (6·0–11·1)	9·3 (6·4–11·5)	10·6 (7·4–13·4)
Road injury	7·4 (6·1–8·6)	7·3 (5·9–9·2)	6·8 (5·3–8·8)	6·8 (5·0–8·6)	8·2 (5·7–10·3)	8·8 (6·1–10·9)	10·1 (7·0–12·5)
Pedestrian injury by road vehicle	1·3 (0·8–1·8)	1·2 (0·8–1·6)	1·1 (0·7–1·6)	1·3 (0·8–1·8)	1·6 (1·0–2·3)	1·8 (1·1–2·6)	2·2 (1·4–3·1)
Pedal cycle vehicle	0·4 (0·2–0·7)	0·3 (0·2–0·6)	0·3 (0·2–0·6)	0·3 (0·2–0·5)	0·4 (0·2–0·7)	0·4 (0·3–0·7)	0·6 (0·3–1·1)
Motorized vehicle with two wheels	1·1 (0·7–1·7)	1·1 (0·7–1·7)	1·0 (0·6–1·6)	0·9 (0·6–1·5)	1·1 (0·6–1·8)	1·1 (0·6–2·0)	1·2 (0·6–2·0)
Motorized vehicle with three or more wheels	3·3 (2·4–4·5)	3·3 (2·5–4·5)	3·1 (2·3–4·4)	3·0 (2·1–4·2)	3·4 (2·3–4·8)	3·6 (2·5–4·7)	4·1 (2·7–5·7)
Road injury other	1·2 (0·3–2·7)	1·3 (0·3–3·3)	1·3 (0·3–3·2)	1·3 (0·3–3·3)	1·7 (0·3–4·4)	1·9 (0·4–4·4)	2·0 (0·3–4·8)
Other transport injury	0·4 (0·2–0·7)	0·5 (0·2–0·8)	0·5 (0·2–0·8)	0·5 (0·3–0·8)	0·5 (0·3–0·8)	0·5 (0·3–0·8)	0·5 (0·3–0·7)
Unintentional injuries other than transport injuries	18·0 (14·6–22·1)	18·5 (14·7–24·3)	16·9 (13·3–22·6)	16·9 (13·9–21·5)	17·7 (14·1–24·7)	18·4 (15·4–23·0)	19·2 (16·3–23·2)
Falls	0·9 (0·7–1·3)	1·0 (0·8–1·4)	1·1 (0·8–1·5)	1·2 (0·9–1·6)	1·6 (1·2–2·2)	2·0 (1·5–2·6)	2·6 (1·9–3·7)
Drowning	3·9 (2·7–5·3)	2·7 (1·9–3·9)	2·2 (1·6–3·3)	2·1 (1·4–3·2)	2·3 (1·6–3·2)	2·3 (1·6–3·2)	2·6 (1·7–3·5)
Fire, heat and hot substances	6·1 (3·8–9·0)	6·9 (4·0–11·2)	6·3 (3·5–10·3)	5·8 (3·6–8·6)	4·6 (2·6–7·6)	4·7 (2·8–7·0)	3·7 (2·2–5·9)
Poisonings	2·2 (1·5–3·8)	2·6 (1·8–4·9)	2·5 (1·7–4·7)	2·6 (1·8–5·0)	2·8 (1·9–5·0)	2·9 (2·1–5·0)	2·8 (2·0–4·8)
Exposure to mechanical forces	2·2 (1·0–5·4)	2·5 (1·2–6·2)	2·3 (1·1–5·1)	2·6 (1·2–5·6)	3·4 (1·6–8·9)	3·0 (1·6–5·5)	3·2 (1·8–5·5)

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Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
Mechanical forces (firearm)	1·5 (0·3–4·5)	1·7 (0·4–5·0)	1·4 (0·3–4·3)	1·5 (0·3–4·4)	2·1 (0·4–7·4)	1·7 (0·4–4·4)	1·7 (0·4–4·8)
Mechanical forces (other)	0·7 (0·2–1·9)	0·8 (0·3–2·0)	0·9 (0·3–2·2)	1·0 (0·4–2·5)	1·3 (0·5–3·6)	1·3 (0·6–2·8)	1·5 (0·6–2·8)
Adverse effects of medical treatment	0·2 (0·1–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·1–0·5)	0·4 (0·2–0·6)	0·5 (0·2–0·7)
Animal contact	0·9 (0·3–1·6)	0·9 (0·4–1·5)	0·7 (0·3–1·2)	0·7 (0·3–1·1)	0·8 (0·4–1·3)	0·9 (0·4–1·4)	1·2 (0·6–2·0)
Animal contact (venomous)	0·7 (0·2–1·3)	0·7 (0·2–1·3)	0·6 (0·2–1·1)	0·5 (0·2–0·9)	0·6 (0·2–1·1)	0·6 (0·3–1·2)	0·9 (0·3–1·7)
Animal contact (non-venomous)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·2 (0·1–0·5)	0·2 (0·1–0·4)	0·3 (0·1–0·6)
Unintentional injuries not classified elsewhere	1·5 (1·0–2·2)	1·6 (1·0–2·1)	1·6 (1·1–2·2)	1·7 (1·1–2·2)	2·0 (1·3–2·6)	2·3 (1·5–3·1)	2·8 (1·8–3·7)
Self-harm and interpersonal violence	13·7 (9·4–19·7)	16·5 (10·9–22·0)	15·0 (10·3–19·8)	14·9 (9·7–19·8)	15·5 (10·3–22·1)	15·3 (10·3–22·4)	15·5 (10·9–22·7)
Self-harm	11·4 (7·3–17·5)	13·2 (7·6–18·7)	11·3 (6·8–16·2)	11·2 (6·6–16·1)	11·9 (7·1–18·4)	12·3 (7·3–19·7)	12·7 (8·3–20·3)
Interpersonal violence	2·2 (1·7–2·7)	3·3 (2·6–3·8)	3·7 (2·7–4·3)	3·7 (2·6–4·4)	3·5 (2·7–4·2)	3·1 (2·3–3·7)	2·8 (2·1–3·4)
Assault by firearm	0·7 (0·4–1·2)	1·0 (0·5–1·9)	1·2 (0·6–2·1)	1·2 (0·5–2·2)	1·1 (0·5–2·0)	1·0 (0·4–1·7)	0·9 (0·4–1·5)
Assault by sharp object	0·5 (0·3–0·8)	0·9 (0·5–1·4)	1·0 (0·6–1·6)	1·1 (0·6–1·7)	0·9 (0·5–1·5)	0·8 (0·4–1·3)	0·7 (0·4–1·1)
Assault by other means	1·0 (0·7–1·3)	1·4 (0·9–1·8)	1·5 (1·0–2·1)	1·4 (1·0–1·9)	1·5 (1·0–2·0)	1·3 (0·9–1·8)	1·2 (0·8–1·6)
Forces of nature, war, and legal intervention	0·8 (0·4–1·9)	1·0 (0·5–2·3)	1·1 (0·6–2·5)	1·2 (0·6–2·7)	1·3 (0·7–3·0)	1·5 (0·8–3·4)	1·8 (1·0–3·9)
Exposure to forces of nature	0·2 (0·1–0·6)	0·3 (0·1–0·6)	0·3 (0·1–0·7)	0·3 (0·1–0·8)	0·4 (0·2–0·9)	0·4 (0·2–1·0)	0·5 (0·2–1·2)
Collective violence and legal intervention	0·6 (0·3–1·3)	0·7 (0·4–1·6)	0·8 (0·5–1·8)	0·9 (0·5–1·9)	1·0 (0·5–2·1)	1·1 (0·6–2·3)	1·2 (0·7–2·7)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
All causes	688·6 (647·2–736·0)	995·7 (936·7–1,056·4)	1,551·2 (1,469·0–1,644·2)	2,333·7 (2,228·2–2,475·0)	3,725·1 (3,567·9–3,956·3)	5,718·0 (5,491·2–5,994·0)	12,461·7 (12,179·6–12,799·1)
Communicable, maternal, neonatal, and nutritional disorders	122·3 (107·9–139·4)	159·2 (139·4–183·2)	217·0 (190·7–246·7)	286·6 (254·3–322·2)	426·5 (380·4–480·1)	544·9 (496·3–603·2)	1,183·9 (1,076·0–1,332·9)
HIV/AIDS and tuberculosis	42·1 (33·9–52·2)	51·2 (41·0–64·2)	62·8 (50·4–77·8)	72·5 (58·3–90·8)	94·6 (76·5–117·8)	91·8 (74·3–115·0)	81·4 (66·3–101·0)
Tuberculosis	36·8 (29·7–46·0)	47·6 (37·6–57·8)	60·9 (49·2–75·5)	71·5 (57·3–89·3)	93·9 (75·8–117·1)	91·8 (74·3–115·0)	81·4 (66·3–101·0)
HIV/AIDS	5·3 (1·8–10·6)	3·6 (0·8–11·3)	2·0 (0·5–9·6)	1·0 (0·5–3·1)	0·7 (0·6–1·1)	–	–
HIV disease resulting in mycobacterial infection	1·0 (0·2–2·2)	0·7 (0·1–2·3)	0·4 (0·0–2·0)	0·1 (0·0–0·6)	<0·05 (0·0–0·1)	–	–
HIV disease resulting in other specified or unspecified diseases	4·3 (1·6–8·5)	2·9 (0·7–9·0)	1·6 (0·4–7·6)	0·9 (0·5–2·5)	0·7 (0·6–1·0)	–	–
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	48·5 (41·8–57·1)	66·5 (56·1–80·3)	98·6 (84·6–115·1)	143·8 (124·6–167·4)	233·0 (206·2–264·9)	341·2 (305·3–387·4)	912·2 (807·1–1,041·7)
Diarrheal diseases	19·0 (15·0–24·5)	27·6 (20·8–37·8)	42·4 (32·6–57·2)	53·2 (41·4–71·6)	72·8 (58·6–91·7)	82·1 (67·4–100·3)	131·9 (107·7–163·6)
Cholera	0·5 (0·3–0·7)	0·6 (0·4–0·9)	0·6 (0·4–1·0)	0·5 (0·3–0·8)	0·4 (0·2–0·7)	0·4 (0·2–0·6)	0·5 (0·3–0·8)
Other salmonella infections	1·3 (0·9–1·8)	1·6 (1·1–2·5)	2·2 (1·4–3·3)	2·5 (1·6–3·8)	3·2 (2·0–4·7)	3·8 (2·5–5·4)	6·9 (4·7–10·0)
Shigellosis	1·8 (1·2–2·6)	2·6 (1·6–4·1)	4·2 (2·6–6·4)	5·3 (3·3–8·4)	7·5 (4·9–10·9)	8·5 (5·6–12·0)	13·7 (9·3–19·4)
Enteropathogenic E coli infection	0·2 (0·1–0·3)	0·4 (0·2–0·6)	0·6 (0·3–1·0)	0·8 (0·5–1·4)	1·4 (0·8–2·2)	2·0 (1·3–3·0)	4·4 (2·8–6·8)
Enterotoxigenic E coli infection	2·3 (1·5–3·3)	3·2 (2·1–4·9)	4·9 (3·1–7·3)	5·9 (3·8–9·2)	7·9 (5·1–11·5)	8·7 (5·9–12·6)	13·2 (8·9–19·0)
Campylobacter enteritis	0·9 (0·6–1·4)	1·4 (0·8–2·1)	2·1 (1·3–3·3)	2·6 (1·6–4·1)	3·8 (2·5–5·8)	5·2 (3·5–7·6)	10·8 (7·3–16·0)
Amoebiasis	1·2 (0·8–1·7)	1·8 (1·1–2·9)	2·9 (1·8–4·5)	3·7 (2·3–6·0)	5·3 (3·4–7·8)	5·9 (3·9–8·6)	9·2 (6·1–13·7)
Cryptosporidiosis	0·4 (0·2–0·5)	0·5 (0·3–0·8)	0·8 (0·5–1·2)	1·0 (0·6–1·6)	1·4 (0·9–2·1)	1·6 (1·0–2·3)	2·4 (1·5–3·7)
Rotaviral enteritis	1·8 (1·2–2·6)	2·7 (1·8–4·1)	4·5 (2·9–6·8)	6·1 (3·9–9·4)	8·5 (5·6–12·2)	9·0 (6·1–12·5)	12·5 (8·7–17·8)
Other diarrheal diseases	8·6 (5·2–12·9)	12·7 (7·3–20·6)	19·6 (11·8–30·8)	24·7 (14·9–37·8)	33·5 (21·1–48·3)	37·1 (23·0–53·7)	58·4 (37·6–84·9)
Typhoid and paratyphoid fevers	1·1 (0·1–2·0)	1·0 (0·1–1·8)	0·8 (0·1–1·5)	0·9 (0·1–1·6)	1·3 (0·2–2·5)	1·4 (0·2–2·7)	1·6 (0·2–3·0)
Lower respiratory infections	21·0 (16·6–25·6)	28·2 (22·9–33·1)	46·4 (36·8–54·2)	75·9 (61·7–89·1)	142·3 (118·9–163·1)	235·5 (202·0–279·0)	756·0 (647·9–889·5)
Influenza	5·0 (4·0–6·2)	6·5 (5·3–7·7)	10·4 (8·3–12·3)	16·3 (13·5–19·4)	29·5 (24·9–34·3)	46·8 (40·1–55·4)	138·2 (118·9–163·7)
Pneumococcal pneumonia	7·7 (6·0–9·3)	10·4 (8·4–12·2)	17·3 (13·6–20·4)	28·8 (23·3–33·5)	54·4 (45·4–62·6)	92·4 (79·1–108·2)	312·3 (265·4–367·7)

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H influenzae type B pneumonia	3·0 (2·4–3·7)	3·7 (3·0–4·5)	5·6 (4·6–6·7)	8·3 (6·9–10·1)	14·0 (11·7–16·5)	20·5 (17·5–24·6)	49·0 (42·8–59·6)
Respiratory syncytial virus pneumonia	0·2 (0·2–0·3)	0·3 (0·2–0·3)	0·5 (0·4–0·5)	0·8 (0·6–0·9)	1·4 (1·2–1·6)	2·4 (2·0–2·8)	7·6 (6·5–8·9)
Other lower respiratory infections	5·1 (3·9–6·3)	7·2 (5·8–8·7)	12·6 (10·0–15·0)	21·7 (17·6–25·7)	42·9 (35·3–49·7)	73·5 (62·0–86·3)	249·0 (212·5–295·2)
Upper respiratory infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·2 (0·1–0·2)	0·2 (0·2–0·3)	0·6 (0·5–0·7)
Otitis media	0·1 (0·0–0·8)	0·1 (0·0–0·6)	0·1 (0·0–0·7)	0·1 (0·0–0·9)	0·1 (0·0–1·1)	0·1 (0·0–1·3)	0·2 (0·0–1·8)
Meningitis	4·2 (2·9–5·8)	5·5 (3·6–8·6)	5·8 (4·2–8·4)	8·8 (5·8–12·7)	10·7 (7·7–16·3)	14·4 (8·3–26·3)	14·2 (9·0–21·7)
Pneumococcal meningitis	1·4 (1·0–2·1)	1·8 (1·1–3·0)	1·8 (1·2–2·7)	2·7 (1·7–4·1)	3·0 (2·1–4·7)	3·7 (2·1–7·3)	2·8 (1·7–5·0)
H influenzae type B meningitis	0·3 (0·2–0·4)	0·4 (0·2–0·7)	0·5 (0·3–0·7)	0·8 (0·5–1·2)	1·0 (0·7–1·6)	1·5 (0·8–3·1)	1·6 (0·9–2·8)
Meningococcal infection	0·8 (0·6–1·1)	1·0 (0·7–1·4)	1·0 (0·7–1·4)	1·4 (1·0–1·9)	1·7 (1·2–2·4)	1·9 (1·2–3·1)	1·5 (1·0–2·2)
Other meningitis	1·7 (1·2–2·4)	2·3 (1·5–3·6)	2·6 (1·8–3·6)	4·0 (2·6–5·7)	5·1 (3·7–7·7)	7·2 (4·2–12·9)	8·2 (5·3–11·9)
Encephalitis	1·5 (0·8–2·7)	1·9 (0·9–4·2)	1·7 (0·8–3·3)	2·9 (1·4–5·4)	2·9 (1·4–5·9)	4·5 (2·0–11·4)	3·7 (2·0–7·6)
Diphtheria	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	–	–	–	–	–
Whooping cough	0·1 (0·0–0·3)	0·2 (0·0–1·0)	–	–	–	–	–
Tetanus	1·3 (0·0–6·2)	1·9 (0·0–8·7)	1·3 (0·0–6·1)	1·7 (0·0–7·9)	2·3 (0·0–11·3)	2·4 (0·0–11·1)	2·0 (0·0–9·1)
Measles	0·1 (0·0–0·3)	0·1 (0·0–0·3)	–	–	–	–	–
Varicella	0·1 (0·0–0·6)	0·1 (0·0–0·6)	0·1 (0·0–0·8)	0·2 (0·0–1·2)	0·3 (0·0–2·0)	0·6 (0·0–3·9)	2·1 (0·0–14·1)
Neglected tropical diseases and malaria	13·4 (8·8–22·3)	17·4 (10·4–29·5)	21·3 (12·6–37·5)	24·5 (14·5–44·7)	31·6 (18·9–56·8)	29·3 (16·6–56·7)	37·8 (20·7–70·5)
Malaria	9·8 (5·7–18·5)	13·1 (6·5–24·6)	16·4 (8·5–31·6)	19·3 (10·2–39·2)	24·5 (13·0–48·7)	22·0 (10·8–47·5)	29·4 (13·8–63·0)
Chagas disease	0·3 (0·1–0·5)	0·4 (0·2–0·8)	0·5 (0·3–1·0)	0·6 (0·3–1·3)	0·9 (0·4–1·6)	1·0 (0·5–1·9)	1·1 (0·6–2·0)
Leishmaniasis	0·7 (0·4–1·2)	0·7 (0·4–1·2)	0·7 (0·3–1·2)	0·7 (0·4–1·2)	0·9 (0·5–1·5)	0·8 (0·4–1·4)	0·9 (0·5–1·5)
African trypanosomiasis	0·6 (0·1–1·2)	0·4 (0·1–0·8)	0·2 (0·0–0·4)	0·1 (0·0–0·3)	0·1 (0·0–0·1)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Schistosomiasis	0·5 (0·0–2·9)	0·7 (0·0–4·0)	0·9 (0·0–5·0)	1·1 (0·0–6·5)	1·6 (0·0–10·0)	1·8 (0·0–10·5)	1·5 (0·0–8·8)
Cysticercosis	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)

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Echinococcosis	0·1 (0·0–0·2)	0·1 (0·0–0·4)	0·1 (0·0–0·5)	0·2 (0·0–0·7)	0·2 (0·0–0·9)	0·4 (0·0–1·4)	0·5 (0·0–2·0)
Dengue	0·1 (0·0–0·3)	0·2 (0·0–0·4)	0·3 (0·0–0·6)	0·3 (0·1–0·7)	0·3 (0·1–0·7)	0·4 (0·1–0·9)	1·1 (0·2–2·7)
Rabies	0·9 (0·3–2·4)	1·3 (0·4–3·3)	1·6 (0·6–4·5)	1·4 (0·4–3·5)	1·7 (0·6–4·0)	1·2 (0·4–2·6)	0·8 (0·3–2·2)
Intestinal nematode infections	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·3)
Ascariasis	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	<0·05 (0·0–0·1)	0·1 (0·0–0·3)
Other neglected tropical diseases	0·4 (0·2–0·7)	0·5 (0·2–1·0)	0·6 (0·3–1·1)	0·7 (0·3–1·2)	1·4 (0·6–3·1)	1·7 (0·6–3·9)	2·3 (0·8–6·2)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	9·9 (6·4–16·0)	13·0 (8·4–21·5)	19·2 (12·1–32·0)	25·2 (16·6–38·6)	43·3 (28·0–63·5)	56·6 (38·5–83·7)	123·0 (86·7–169·9)
Protein-energy malnutrition	8·7 (5·4–14·6)	11·4 (7·0–19·4)	16·9 (9·8–29·7)	21·8 (13·4–35·3)	37·4 (22·8–61·7)	47·8 (29·9–75·0)	94·6 (58·2–139·5)
Iodine deficiency	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·0)	0·1 (0·0–0·1)	0·1 (0·1–0·1)	0·2 (0·1–0·3)	0·8 (0·6–1·1)
Iron-deficiency anemia	1·0 (0·7–1·5)	1·3 (0·9–1·8)	2·0 (1·4–2·9)	2·9 (1·9–3·9)	5·0 (3·1–7·0)	7·2 (4·9–9·8)	22·1 (15·7–30·7)
Other nutritional deficiencies	0·1 (0·1–0·2)	0·2 (0·2–0·3)	0·3 (0·2–0·4)	0·4 (0·3–0·6)	0·8 (0·6–1·1)	1·4 (1·0–2·0)	5·5 (4·1–8·0)

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Other communicable, maternal, neonatal, and nutritional disorders	8·3 (6·5–10·5)	11·2 (8·8–14·3)	15·0 (11·9–19·2)	20·6 (15·4–28·6)	24·0 (18·4–32·4)	26·1 (20·3–35·5)	29·4 (21·1–40·4)
Sexually transmitted diseases excluding HIV	0·4 (0·2–0·7)	0·5 (0·2–0·8)	0·7 (0·3–1·5)	0·6 (0·3–1·0)	1·2 (0·5–2·5)	1·3 (0·6–2·0)	1·7 (0·9–2·4)
Syphilis	<0·05 (0·0–0·1)	0·1 (0·0–0·2)	0·2 (0·1–0·3)	0·2 (0·1–0·2)	0·4 (0·1–0·7)	0·3 (0·2–0·5)	0·3 (0·2–0·4)
Sexually transmitted chlamydial diseases	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·3)	0·1 (0·1–0·2)	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·3 (0·2–0·5)
Gonococcal infection	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·2)	0·1 (0·0–0·1)	0·2 (0·1–0·3)	0·2 (0·1–0·3)	0·2 (0·1–0·4)
Other sexually transmitted diseases	0·2 (0·1–0·4)	0·2 (0·1–0·4)	0·3 (0·1–0·7)	0·3 (0·1–0·4)	0·5 (0·2–1·1)	0·6 (0·3–0·9)	0·8 (0·4–1·2)
Hepatitis	4·9 (3·8–6·5)	6·9 (5·2–9·1)	8·6 (6·7–11·0)	10·8 (8·0–14·2)	12·6 (9·8–16·3)	10·7 (8·7–13·2)	7·3 (5·6–9·4)
Acute hepatitis A	2·6 (1·0–5·6)	3·8 (1·4–8·4)	4·5 (1·9–9·0)	5·8 (2·0–12·9)	6·4 (2·4–13·9)	5·4 (2·0–11·4)	3·7 (1·4–8·2)
Acute hepatitis B	1·9 (1·2–2·9)	2·6 (1·5–4·1)	3·4 (2·0–5·5)	4·2 (2·4–6·7)	5·2 (3·0–8·0)	4·4 (2·6–6·6)	2·8 (1·8–4·2)
Acute hepatitis C	0·3 (0·1–0·6)	0·4 (0·2–0·8)	0·6 (0·3–1·3)	0·7 (0·3–1·4)	1·0 (0·4–1·9)	0·9 (0·4–1·6)	0·7 (0·3–1·2)
Acute hepatitis E	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·2)	<0·05 (0·0–0·0)	<0·05 (0·0–0·0)
Other infectious diseases	3·0 (1·7–4·6)	3·8 (2·3–6·1)	5·7 (3·6–9·3)	9·2 (5·2–16·2)	10·2 (6·0–17·5)	14·0 (8·6–23·7)	20·5 (12·2–30·6)
Non-communicable diseases	510·5 (468·8–552·5)	776·8 (725·4–835·3)	1,263·4 (1,186·5–1,351·8)	1,961·9 (1,854·6–2,095·7)	3,182·1 (3,021·9–3,400·0)	5,008·7 (4,787·4–5,285·7)	10,927·8 (10,613·7–11,276·8)
Neoplasms	184·7 (166·9–201·3)	262·1 (237·4–287·4)	367·6 (332·0–402·5)	496·5 (451·0–549·6)	651·7 (595·1–735·7)	819·9 (751·4–930·9)	1,126·7 (1,030·8–1,279·6)
Esophageal cancer	9·0 (5·0–13·5)	14·1 (8·1–22·0)	21·4 (12·5–34·1)	28·2 (17·2–43·4)	39·2 (24·2–58·3)	41·6 (26·0–63·9)	47·5 (30·7–67·7)
Stomach cancer	18·8 (10·4–29·7)	27·6 (16·3–43·0)	41·4 (24·5–64·0)	59·0 (33·3–94·9)	83·0 (47·6–132·4)	108·5 (62·5–177·0)	149·7 (90·5–246·3)
Liver cancer	10·5 (7·2–12·8)	16·3 (11·1–20·7)	22·0 (15·4–26·5)	29·5 (22·3–36·4)	39·1 (29·3–53·3)	44·8 (34·9–59·7)	49·3 (39·8–68·3)
Liver cancer secondary to hepatitis B	4·1 (2·7–5·1)	6·3 (4·3–8·1)	8·3 (5·7–10·4)	10·9 (8·2–13·7)	14·2 (10·3–19·6)	15·4 (11·7–21·1)	15·2 (12·2–21·6)
Liver cancer secondary to hepatitis C	2·6 (1·8–3·2)	4·8 (3·2–6·0)	7·6 (5·3–8·9)	11·1 (8·3–13·4)	14·9 (11·1–19·2)	17·3 (13·5–22·4)	19·8 (15·8–27·1)
Liver cancer secondary to alcohol use	2·3 (1·5–2·8)	3·3 (2·2–4·2)	4·3 (3·1–5·2)	5·7 (4·4–7·0)	7·8 (5·8–10·4)	9·8 (7·7–12·9)	12·0 (9·8–16·3)
Other liver cancer	1·6 (1·0–1·9)	1·8 (1·2–2·3)	1·7 (1·2–2·1)	1·7 (1·3–2·1)	2·2 (1·6–2·9)	2·4 (1·9–3·2)	2·4 (1·9–3·2)
Larynx cancer	0·8 (0·4–1·5)	1·5 (0·7–2·6)	2·2 (1·0–3·8)	2·3 (1·1–3·7)	3·2 (1·6–5·2)	2·9 (1·6–4·4)	3·3 (1·8–4·7)
Trachea, bronchus and lung cancers	18·5 (12·9–28·9)	30·8 (21·2–46·7)	46·9 (32·8–73·1)	70·1 (49·2–113·2)	92·5 (67·0–143·4)	104·2 (75·0–174·1)	107·8 (79·3–178·7)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Females, 50-54 Years	Females, 55-59 Years	Females, 60-64 Years	Females, 65-69 Years	Females, 70-74 Years	Females, 75-79 Years	Females, 80+ Years
Breast cancer	32·4 (31·1–34·2)	39·2 (37·7–41·5)	46·2 (44·1–49·2)	55·2 (52·7–59·2)	62·7 (59·9–67·5)	78·9 (75·4–85·6)	121·1 (113·7–133·0)
Cervical cancer	22·0 (13·5–31·5)	26·3 (15·6–36·6)	31·4 (17·5–43·4)	33·0 (19·5–44·6)	39·0 (23·4–53·8)	38·2 (23·0–53·5)	40·9 (24·0–57·9)
Uterine cancer	2·8 (1·5–4·7)	4·7 (2·5–8·0)	7·4 (4·1–13·0)	10·8 (6·2–19·1)	13·0 (6·9–22·8)	16·8 (9·1–30·1)	21·8 (12·2–39·3)
Prostate cancer	–	–	–	–	–	–	–
Colon and rectum cancers	12·6 (9·2–15·1)	19·4 (14·4–23·7)	31·2 (23·4–37·4)	46·4 (34·9–57·5)	67·3 (49·9–83·5)	103·2 (76·8–129·8)	175·4 (130·8–222·1)
Mouth cancer	3·0 (1·7–3·9)	3·6 (2·2–4·7)	4·9 (3·3–6·3)	6·0 (4·1–7·6)	7·1 (4·9–8·8)	8·1 (5·3–10·0)	13·1 (9·0–16·2)
Nasopharynx cancer	1·3 (0·7–2·1)	1·7 (1·0–2·5)	2·1 (1·1–3·4)	2·3 (1·2–3·6)	2·7 (1·5–4·2)	2·7 (1·4–4·1)	2·8 (1·6–4·3)
Cancer of other part of pharynx and oropharynx	3·0 (1·1–5·5)	3·2 (1·3–5·4)	3·6 (1·6–5·9)	3·6 (1·7–6·2)	4·1 (2·0–6·3)	3·9 (2·1–6·1)	4·4 (2·4–6·7)
Gallbladder and biliary tract cancer	3·2 (1·6–5·3)	5·5 (2·8–9·1)	8·7 (4·6–14·8)	13·3 (6·7–22·2)	18·2 (9·4–30·6)	25·1 (13·4–43·3)	37·1 (19·4–62·4)
Pancreatic cancer	4·1 (2·5–6·5)	7·8 (4·7–12·5)	12·9 (8·0–19·9)	20·3 (12·5–32·0)	29·6 (18·4–47·0)	43·3 (26·0–67·4)	63·3 (38·4–103·2)
Malignant melanoma of skin	1·0 (0·5–1·6)	1·3 (0·7–2·0)	1·8 (1·0–3·0)	2·5 (1·4–4·0)	3·1 (1·7–5·3)	4·6 (2·6–7·9)	7·7 (4·7–13·9)
Non-melanoma skin cancer	0·3 (0·1–0·6)	0·5 (0·2–0·9)	0·8 (0·3–1·4)	1·1 (0·5–2·2)	1·8 (0·8–3·3)	3·4 (1·5–6·4)	11·1 (4·7–21·0)
Ovarian cancer	11·3 (7·8–14·4)	14·6 (10·3–18·0)	18·8 (13·3–23·8)	23·4 (16·6–30·2)	25·4 (17·1–33·0)	29·7 (21·4–38·6)	35·5 (25·0–47·9)
Testicular cancer	–	–	–	–	–	–	–
Kidney and other urinary organ cancers	1·8 (1·0–3·0)	3·2 (1·7–5·3)	5·0 (2·7–8·3)	7·5 (4·0–12·6)	9·4 (5·0–16·2)	13·6 (7·7–24·1)	18·6 (9·9–31·4)
Bladder cancer	1·3 (0·9–1·5)	2·0 (1·6–2·4)	3·7 (3·0–4·3)	6·4 (5·3–7·1)	10·3 (8·6–11·6)	15·8 (13·8–18·8)	30·4 (26·0–36·3)
Brain and nervous system cancers	4·7 (2·5–7·7)	6·7 (3·3–9·9)	8·6 (4·5–14·1)	10·3 (5·7–17·2)	10·9 (6·4–19·8)	11·8 (6·6–22·8)	10·8 (6·3–21·8)
Thyroid cancer	0·8 (0·5–1·1)	1·4 (0·9–1·9)	2·3 (1·5–3·2)	3·4 (2·2–4·6)	5·1 (3·2–6·8)	6·3 (4·0–8·9)	8·0 (5·0–11·0)
Hodgkin's disease	0·4 (0·2–0·7)	0·5 (0·2–0·8)	0·8 (0·4–1·3)	1·1 (0·5–1·7)	1·3 (0·6–2·0)	1·7 (0·9–2·8)	2·0 (1·0–3·2)
Non-Hodgkin's lymphoma	3·0 (2·1–3·9)	4·7 (3·2–5·9)	7·4 (5·1–8·9)	11·0 (7·8–13·7)	15·1 (10·9–18·7)	20·1 (15·0–26·8)	28·3 (21·1–38·3)
Multiple myeloma	1·1 (0·6–1·7)	2·0 (1·1–3·3)	3·5 (2·0–6·0)	5·6 (3·2–9·7)	7·7 (4·4–13·2)	11·0 (6·4–18·6)	15·2 (8·4–25·2)
Leukemia	4·6 (2·8–6·4)	6·4 (3·9–9·0)	8·7 (5·3–12·5)	11·8 (7·6–17·1)	15·5 (10·0–23·1)	21·6 (14·2–32·0)	33·4 (21·5–49·2)
Other neoplasms	12·2 (7·2–17·4)	17·3 (11·0–24·1)	23·7 (15·3–34·1)	32·5 (20·5–47·4)	45·5 (28·7–65·7)	58·0 (37·1–85·6)	88·3 (58·6–134·7)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Cardiovascular and circulatory diseases	174·9 (143·2–219·1)	274·2 (232·8–333·9)	494·1 (419·5–598·9)	849·4 (744·4–1,005·3)	1,521·0 (1,352·6–1,768·1)	2,772·8 (2,492·6–3,104·2)	7,008·5 (6,446·2–7,503·8)
Rheumatic heart disease	16·9 (13·5–22·0)	22·0 (18·2–27·8)	28·5 (24·2–34·5)	35·5 (31·2–41·4)	51·8 (45·4–60·2)	72·3 (65·2–80·5)	159·1 (147·4–171·3)
Ischemic heart disease	61·5 (55·6–72·3)	96·8 (88·6–121·2)	192·2 (176·0–228·0)	343·3 (321·5–395·8)	605·0 (569·8–697·3)	1,157·4 (1,103·2–1,291·7)	3,149·6 (2,995·3–3,439·4)
Cerebrovascular disease	71·1 (60·0–89·8)	115·4 (96·1–147·8)	206·3 (181·2–260·7)	360·1 (304·6–442·4)	670·9 (576·0–822·4)	1,217·9 (1,070·5–1,416·9)	2,848·8 (2,515·8–3,279·0)
Ischemic stroke	11·5 14·6)	23·2 (19·8–30·0)	61·7 (53·8–75·2)	124·3 (111·5–144·1)	292·9 (257·8–342·6)	669·1 (609·7–750·1)	2,025·0 (9·8– (1,892·5–2,187·4)
Hemorrhagic and other non-ischemic stroke	59·6 (46·0–77·2)	92·2 (71·0–118·5)	144·6 (110·5–185·3)	235·8 (184·0–300·9)	378·0 (293·8–478·9)	548·7 (441·1–677·5)	823·8 (665·6–1,012·1)
Hypertensive heart disease	11·3 (7·3–17·0)	17·8 (11·8–25·6)	31·4 (21·1–44·7)	52·8 (34·7–78·8)	93·5 (63·1–134·6)	152·2 (102·0–215·9)	363·6 (247·8–523·6)
Cardiomyopathy and myocarditis	5·6 (4·3–6·9)	7·8 (6·0–9·8)	11·7 (9·2–13·9)	16·3 (13·2–19·4)	24·7 (19·9–29·3)	37·5 (31·4–43·5)	88·1 (75·3–102·9)
Atrial fibrillation and flutter	0·2 (0·1–0·3)	0·4 (0·2–0·7)	0·9 (0·5–1·7)	1·8 (1·2–3·1)	4·2 (2·8–7·6)	9·6 (7·3–14·0)	37·6 (29·9–51·0)
Aortic aneurysm	1·4 (0·7–3·0)	2·2 (1·2–3·8)	4·4 (2·3–7·9)	8·5 (4·6–14·9)	17·1 (8·9–33·1)	26·6 (16·5–44·1)	59·6 (38·7–93·1)
Peripheral vascular disease	0·1 (0·1–0·3)	0·2 (0·1–0·4)	0·5 (0·2–0·9)	0·9 (0·4–1·5)	2·2 (1·0–4·0)	3·9 (1·7–6·8)	16·7 (8·6–27·3)
Endocarditis	0·6 (0·4–0·8)	0·7 (0·5–1·1)	1·2 (0·9–1·7)	1·7 (1·3–2·7)	2·5 (2·0–4·1)	4·1 (3·3–6·4)	10·2 (7·8–14·7)
Other cardiovascular and circulatory diseases	6·2 (5·3–7·1)	10·9 (9·3–12·6)	17·2 (15·0–19·2)	28·4 (25·1–31·2)	49·0 (43·9–54·0)	91·1 (84·5–98·0)	275·1 (260·1–292·5)
Chronic respiratory diseases	55·7 (50·4–61·5)	105·1 (95·3–116·2)	198·0 (182·5–214·0)	324·0 (300·0–347·5)	574·3 (531·8–613·7)	786·0 (736·5–835·1)	1,498·9 (1,408·0–1,580·8)
Chronic obstructive pulmonary disease	40·8 (34·0–48·0)	80·5 (69·0–93·5)	157·8 (140·1–176·2)	267·5 (240·5–293·8)	483·1 (436·5–529·3)	661·1 (610·7–711·7)	1,260·5 (1,178·3–1,343·9)
Pneumoconiosis	1·5 (0·7–3·0)	3·0 (1·4–6·2)	5·4 (2·5–12·2)	8·4 (3·7–19·1)	15·9 (6·7–37·5)	22·2 (10·4–44·5)	55·0 (26·8–114·5)
Asthma	8·4 (5·7–16·6)	13·4 (9·3–26·3)	21·4 (14·7–37·6)	28·6 (21·0–44·6)	44·2 (32·1–67·3)	57·0 (43·9–88·2)	84·1 (65·6–124·7)
Other interstitial lung disease	0·9 (0·5–1·5)	1·6 (0·8–2·8)	2·7 (1·4–4·7)	4·7 (2·3–8·2)	7·5 (3·7–12·5)	10·8 (5·8–19·5)	17·6 (9·3–32·7)
Other chronic respiratory diseases	4·2 (2·3–8·7)	6·5 (3·4–12·7)	10·7 (5·8–20·2)	14·7 (8·6–26·7)	23·7 (14·7–38·7)	34·8 (22·7–52·9)	81·7 (57·4–115·4)
Cirrhosis of the liver	21·5 (16·3–24·8)	30·6 (22·7–36·2)	40·1 (31·4–46·8)	50·3 (37·5–58·2)	61·4 (44·9–72·4)	71·8 (53·6–83·3)	96·0 (66·2–110·1)
Cirrhosis of the liver secondary to hepatitis B	7·4 (5·7–8·6)	11·0 (8·2–12·8)	14·7 (11·7–16·8)	18·5 (13·7–21·3)	22·6 (16·3–26·3)	24·8 (17·6–29·4)	29·7 (19·0–35·2)
Cirrhosis of the liver secondary to hepatitis C	7·1 (6·0–8·2)	11·1 (8·8–13·0)	15·9 (13·2–18·4)	21·0 (16·5–24·3)	25·5 (19·8–28·9)	30·5 (24·4–34·8)	42·1 (30·8–47·9)
Cirrhosis of the liver secondary to alcohol use	3·2 (2·8–3·8)	4·3 (3·4–5·0)	5·2 (4·5–6·1)	6·4 (5·2–7·4)	7·9 (6·4–9·2)	10·2 (8·2–11·7)	15·7 (11·9–17·7)

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Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Other cirrhosis of the liver	3·8 (3·2–4·4)	4·3 (3·4–5·0)	4·3 (3·6–5·0)	4·4 (3·6–5·2)	5·4 (4·2–6·3)	6·4 (4·8–7·5)	8·4 (6·2–9·9)
Digestive diseases (except cirrhosis)	20·9 (18·6–23·2)	24·1 (21·7–26·9)	39·4 (36·0–43·7)	58·6 (54·2–63·6)	94·4 (86·8–103·2)	147·7 (136·9–159·2)	332·9 (311·7–362·9)
Peptic ulcer disease	7·5 (5·6–9·2)	6·7 (5·0–8·0)	11·3 (8·6–13·4)	16·2 (12·1–19·6)	25·4 (19·3–29·7)	38·8 (30·6–45·2)	79·9 (58·5–90·9)
Gastritis and duodenitis	0·3 (0·2–0·5)	0·4 (0·2–0·6)	0·6 (0·4–1·0)	0·8 (0·5–1·4)	1·5 (0·9–2·4)	2·3 (1·4–3·8)	6·4 (3·4–10·9)
Appendicitis	0·7 (0·3–1·0)	0·9 (0·5–1·3)	1·5 (0·7–2·3)	1·9 (0·9–2·7)	3·1 (1·4–4·4)	3·9 (2·0–5·5)	6·5 (3·6–9·0)
Paralytic ileus and intestinal obstruction without hernia	2·5 (1·2–3·4)	3·0 (1·6–4·3)	4·8 (2·5–6·4)	6·7 (3·7–9·1)	11·5 (6·2–15·7)	18·4 (11·1–23·9)	47·5 (29·8–65·2)
Inguinal or femoral hernia	0·3 (0·3–0·4)	0·5 (0·5–0·5)	0·9 (0·8–0·9)	1·4 (1·3–1·5)	2·4 (2·3–2·5)	4·4 (4·1–4·6)	10·0 (9·4–10·5)
Noninfective inflammatory bowel disease	0·5 (0·3–0·7)	0·7 (0·4–1·0)	0·9 (0·5–1·3)	1·3 (0·8–2·0)	2·4 (1·3–3·3)	3·7 (2·5–5·1)	10·1 (7·0–13·8)
Vascular disorders of intestine	0·4 (0·3–1·0)	0·8 (0·5–1·7)	1·7 (1·0–3·7)	3·7 (1·9–6·9)	6·6 (3·6–12·1)	14·1 (7·2–24·5)	35·3 (17·4–63·8)
Gall bladder and bile duct disease	1·7 (1·1–2·5)	2·4 (1·7–3·4)	3·7 (2·7–5·3)	6·0 (4·2–8·4)	9·3 (7·0–13·8)	15·2 (11·1–21·1)	38·0 (28·5–54·5)
Pancreatitis	1·2 (0·8–1·6)	1·5 (1·0–1·9)	2·3 (1·5–3·2)	3·3 (2·2–4·7)	4·7 (3·0–7·0)	7·3 (4·9–10·1)	12·6 (8·4–17·2)
Other digestive diseases	5·8 (3·2–8·5)	7·3 (4·0–10·5)	11·7 (6·6–16·2)	17·4 (10·2–23·3)	27·6 (16·3–38·6)	39·6 (23·3–55·2)	86·7 (54·8–124·5)
Neurological disorders	10·7 (5·9–17·1)	14·6 (8·3–23·6)	21·5 (12·8–36·1)	32·2 (19·7–51·4)	56·1 (35·3–86·8)	93·9 (67·2–128·4)	265·4 (202·1–406·6)
Alzheimer's disease and other dementias	0·6 (0·3–1·0)	1·1 (0·6–1·8)	2·6 (1·4–4·3)	5·6 (3·3–9·0)	14·0 (8·3–23·1)	36·5 (24·1–59·6)	169·3 (118·7–306·4)
Parkinson's disease	0·3 (0·1–0·4)	0·6 (0·3–0·9)	1·2 (0·7–2·0)	2·9 (1·8–4·5)	7·0 (4·5–11·0)	15·3 (10·1–23·0)	34·3 (22·8–51·8)
Epilepsy	2·1 (1·2–2·9)	2·3 (1·3–3·2)	2·5 (1·5–3·6)	3·6 (2·1–5·0)	4·4 (2·4–6·0)	5·9 (3·1–8·0)	11·4 (6·4–16·7)
Multiple sclerosis	0·9 (0·5–1·3)	1·0 (0·5–1·6)	1·1 (0·7–1·7)	1·3 (0·9–1·9)	1·4 (0·8–2·1)	1·5 (0·9–2·2)	1·4 (0·8–2·0)
Other neurological disorders	6·8 (2·6–13·2)	9·6 (4·0–19·0)	14·0 (5·4–28·3)	18·8 (7·0–37·3)	29·3 (10·9–58·9)	34·8 (14·6–63·3)	49·0 (17·8–89·4)
Mental and behavioral disorders	3·3 (1·8–5·6)	3·6 (2·1–5·9)	4·0 (2·3–7·1)	4·1 (2·7–7·0)	4·4 (3·1–6·7)	6·6 (4·4–10·0)	15·0 (8·7–22·0)
Schizophrenia	0·6 (0·3–1·0)	0·8 (0·4–1·4)	0·8 (0·4–1·4)	1·1 (0·6–1·8)	1·3 (0·7–2·2)	1·7 (1·0–2·8)	3·1 (1·6–5·1)
Alcohol use disorders	2·1 (0·8–4·3)	2·2 (0·8–4·3)	2·4 (1·0–5·1)	2·0 (0·9–4·6)	1·5 (0·7–3·4)	1·6 (0·7–4·0)	1·6 (0·7–3·8)
Drug use disorders	0·4 (0·2–0·8)	0·4 (0·2–0·8)	0·4 (0·2–0·9)	0·4 (0·2–1·0)	0·6 (0·3–1·3)	0·8 (0·5–2·0)	1·4 (0·8–3·0)
Opioid use disorders	0·1 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·1–0·3)	0·1 (0·1–0·3)	0·2 (0·1–0·4)	0·3 (0·1–0·7)	0·5 (0·3–1·0)

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Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Cocaine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·0)	<0·05 (0·0–0·0)	0·1 (0·0–0·1)
Amphetamine use disorders	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Other drug use disorders	0·2 (0·1–0·5)	0·2 (0·1–0·5)	0·3 (0·1–0·6)	0·3 (0·2–0·6)	0·4 (0·2–0·8)	0·5 (0·3–1·2)	0·9 (0·5–1·9)
Eating disorders	0·1 (0·0–0·2)	0·1 (0·0–0·2)	0·1 (0·0–0·3)	0·2 (0·1–0·4)	0·3 (0·1–0·5)	0·6 (0·2–1·2)	2·9 (1·1–4·8)
Other mental and behavioral disorders	0·1 (0·0–0·3)	0·2 (0·1–0·4)	0·3 (0·1–0·5)	0·4 (0·2–0·9)	0·7 (0·3–1·4)	1·8 (0·7–3·3)	6·0 (2·3–10·0)
Diabetes, urogenital, blood, and endocrine diseases	33·3 (29·3–39·1)	54·2 (48·0–62·9)	86·9 (78·4–102·2)	130·8 (118·8–152·2)	191·4 (173·3–222·3)	269·6 (245·0–313·8)	496·6 (435·8–588·7)
Diabetes mellitus	16·7 (14·4–19·3)	30·1 (27·0–35·3)	51·4 (45·9–61·2)	79·9 (71·9–93·3)	115·8 (106·5–141·2)	153·8 (139·1–184·8)	226·2 (202·9–268·2)
Acute glomerulonephritis	1·8 (0·6–5·5)	2·3 (0·7–7·6)	3·0 (1·0–9·2)	4·1 (1·3–11·5)	4·8 (1·7–14·3)	5·4 (1·8–15·6)	6·7 (2·1–23·0)
Chronic kidney diseases	9·3 (6·9–12·5)	14·2 (10·6–19·0)	20·2 (15·4–28·3)	28·1 (22·1–40·3)	40·7 (31·3–57·5)	59·7 (46·2–82·4)	135·0 (101·0–179·7)
Chronic kidney disease due to diabetes mellitus	2·7 (1·9–3·7)	4·8 (3·4–6·5)	7·8 (5·8–10·9)	9·7 (7·6–14·0)	12·3 (9·2–17·1)	15·3 (11·7–21·9)	29·5 (21·7–40·3)
Chronic kidney disease due to hypertension	2·0 (1·5–2·6)	2·9 (2·2–4·0)	3·9 (3·0–5·6)	5·9 (4·7–8·6)	9·2 (7·0–12·8)	14·3 (11·0–19·7)	33·8 (25·8–45·0)
Chronic kidney disease unspecified	4·6 (3·4–6·2)	6·5 (4·8–8·7)	8·5 (6·3–12·2)	12·5 (9·8–17·8)	19·2 (14·9–27·2)	30·1 (23·4–41·1)	71·6 (53·0–97·1)
Urinary diseases and male infertility	2·4 (1·4–3·4)	3·4 (2·0–4·4)	6·0 (3·6–7·9)	9·6 (5·8–12·7)	15·4 (9·5–20·0)	27·5 (18·1–37·8)	72·3 (51·4–102·7)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	1·4 (0·9–2·2)	2·0 (1·3–2·8)	3·5 (2·2–5·2)	5·8 (3·6–8·1)	9·3 (6·2–13·2)	17·3 (11·8–25·5)	50·9 (35·1–75·1)
Urolithiasis	0·4 (0·2–0·9)	0·5 (0·2–1·0)	0·9 (0·4–1·8)	1·3 (0·6–2·6)	2·1 (0·9–4·1)	3·9 (1·7–7·9)	7·0 (3·0–14·1)
Other urinary diseases	0·6 (0·4–1·0)	0·9 (0·5–1·2)	1·5 (0·9–2·1)	2·5 (1·4–3·5)	4·0 (2·4–5·5)	6·4 (3·9–9·1)	14·4 (9·7–21·5)
Gynecological diseases	0·3 (0·3–0·3)	0·3 (0·3–0·3)	0·3 (0·3–0·3)	0·4 (0·4–0·4)	0·6 (0·6–0·6)	0·9 (0·8–0·9)	1·7 (1·6–1·8)
Uterine fibroids	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·1–0·1)	0·2 (0·2–0·2)
Endometriosis	<0·05 (0·0–0·05)	–	–	–	–	–	–
Genital prolapse	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	0·1 (0·1–0·1)	0·1 (0·1–0·2)
Other gynecological diseases	0·2 (0·2–0·3)	0·3 (0·3–0·3)	0·3 (0·3–0·3)	0·4 (0·3–0·4)	0·6 (0·5–0·6)	0·7 (0·7–0·8)	1·4 (1·3–1·5)
Hemoglobinopathies and hemolytic anemias	1·2 (0·7–2·5)	1·8 (1·0–4·0)	2·6 (1·5–4·9)	3·8 (2·3–6·9)	6·7 (3·7–11·9)	10·6 (5·8–19·3)	22·3 (12·7–38·8)
Thalassemias	0·3 (0·2–0·6)	0·3 (0·2–0·5)	0·2 (0·2–0·4)	0·2 (0·1–0·2)	0·1 (0·1–0·2)	0·1 (0·0–0·1)	<0·05 (0·0–0·0)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	Females, 50-54 Years	Females, 55-59 Years	Females, 60-64 Years	Females, 65-69 Years	Females, 70-74 Years	Females, 75-79 Years	Females, 80+ Years
Sickle cell disorders	0·3 (0·1–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·5)	0·3 (0·2–0·4)	0·2 (0·1–0·3)
G6PD deficiency	<0·05 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·0–0·1)	0·1 (0·1–0·2)	0·2 (0·2–0·4)	0·4 (0·3–0·6)	0·9 (0·6–1·3)
Other hemoglobinopathies and hemolytic anemias	0·6 (0·2–1·2)	1·1 (0·4–2·2)	1·9 (0·8–3·4)	3·2 (1·5–5·4)	6·0 (2·7–10·5)	9·8 (4·7–17·2)	21·2 (10·9–37·6)
Other endocrine, nutritional, blood, and immune disorders	1·6 (0·7–2·6)	2·2 (0·9–3·5)	3·3 (1·4–5·9)	4·9 (2·1–8·1)	7·4 (3·2–12·0)	11·8 (5·6–19·1)	32·5 (14·0–54·6)
Musculoskeletal disorders	2·1 (1·0–3·0)	3·2 (1·6–4·5)	4·0 (2·2–5·8)	5·8 (3·1–8·2)	9·6 (5·0–14·0)	16·4 (8·5–23·4)	31·4 (17·2–47·0)
Rheumatoid arthritis	0·9 (0·6–1·5)	1·6 (0·9–2·5)	2·1 (1·3–3·0)	3·3 (2·2–4·8)	5·4 (3·3–8·3)	9·7 (5·3–14·0)	14·6 (9·0–22·6)
Other musculoskeletal disorders	1·2 (0·8–1·7)	1·6 (1·0–2·3)	1·9 (1·3–2·7)	2·5 (1·7–3·4)	4·2 (2·6–6·1)	6·7 (4·3–8·7)	16·8 (11·5–22·9)
Other non-communicable diseases	3·5 (2·5–4·8)	5·1 (3·7–6·9)	7·7 (5·2–10·5)	10·2 (7·1–13·6)	17·7 (12·4–23·5)	23·9 (17·4–31·5)	56·5 (42·9–72·7)
Congenital anomalies	1·8 (1·2–2·8)	2·9 (1·9–4·4)	4·5 (2·5–6·8)	6·0 (3·4–9·0)	9·5 (5·2–14·1)	11·7 (6·5–17·4)	22·9 (13·5–32·8)
Neural tube defects	0·2 (0·0–0·5)	0·3 (0·1–0·8)	0·4 (0·1–1·1)	0·5 (0·2–1·2)	1·0 (0·3–2·1)	1·1 (0·3–2·8)	1·0 (0·4–2·6)
Congenital heart anomalies	0·6 (0·4–0·9)	0·9 (0·6–1·3)	1·6 (0·9–2·6)	2·4 (1·4–4·0)	4·5 (2·5–7·5)	6·3 (3·6–10·2)	16·6 (10·3–26·3)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	0·3 (0·1–0·6)	0·4 (0·2–0·8)	0·5 (0·2–1·2)	0·3 (0·1–0·9)	0·1 (0·1–0·3)	0·1 (0·0–0·1)	0·1 (0·0–0·1)
Other chromosomal abnormalities	<0·05 (0·0–0·1)	0·1 (0·0–0·3)	0·1 (0·0–0·2)	0·4 (0·0–3·1)	0·1 (0·0–0·3)	0·1 (0·0–0·4)	0·2 (0·1–0·5)
Other congenital anomalies	0·7 (0·4–1·3)	1·2 (0·7–2·2)	2·0 (0·9–3·9)	2·3 (1·2–4·3)	3·7 (1·9–6·8)	4·0 (2·1–8·3)	5·1 (2·4–10·4)
Skin and subcutaneous diseases	1·7 (1·0–2·7)	2·2 (1·3–3·3)	3·1 (1·9–4·8)	4·2 (2·7–6·3)	8·2 (5·8–12·5)	12·2 (8·4–19·1)	33·6 (23·8–47·8)
Cellulitis	0·6 (0·3–0·9)	0·7 (0·5–1·1)	1·0 (0·6–1·5)	1·2 (0·8–1·7)	1·9 (1·3–2·8)	2·3 (1·5–3·5)	4·3 (3·0–6·0)
Abscess, impetigo, and other bacterial skin diseases	0·7 (0·4–1·1)	0·9 (0·5–1·3)	1·2 (0·7–1·7)	1·4 (0·9–2·1)	2·5 (1·7–3·7)	3·2 (2·2–4·9)	7·4 (5·1–10·4)
Decubitus ulcer	0·4 (0·3–0·7)	0·6 (0·4–0·9)	1·0 (0·6–1·5)	1·6 (1·0–2·4)	3·9 (2·7–5·8)	6·8 (4·7–10·5)	21·8 (15·3–30·0)
Other skin and subcutaneous diseases	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)	<0·05 (0·0–0·05)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	55·8 (48·3–67·6)	59·7 (50·6–70·6)	70·8 (61·5–84·3)	85·2 (73·7–100·0)	116·5 (100·4–130·8)	164·4 (146·3–185·7)	349·9 (304·3–408·6)
Transport injuries	12·6 (8·9–15·2)	14·3 (9·7–17·6)	16·6 (11·5–20·2)	19·5 (13·8–23·7)	24·5 (17·5–30·5)	30·1 (21·1–36·7)	32·4 (23·1–39·2)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Road injury	12·0 (8·5–14·6)	13·6 (9·7–16·2)	15·8 (10·9–18·9)	18·6 (13·1–22·3)	23·5 (16·7–28·9)	28·8 (21·1–35·2)	30·9 (21·6–36·8)
Pedestrian injury by road vehicle	2·9 (1·8–4·0)	3·5 (2·2–4·7)	4·5 (2·9–5·9)	5·6 (3·8–7·5)	7·7 (5·2–10·3)	11·3 (7·5–14·8)	13·4 (8·5–17·9)
Pedal cycle vehicle	0·8 (0·4–1·4)	1·0 (0·5–1·8)	1·1 (0·6–2·1)	1·4 (0·8–2·3)	1·7 (1·0–2·8)	2·0 (1·2–2·8)	1·6 (0·9–2·4)
Motorized vehicle with two wheels	1·2 (0·6–2·2)	1·2 (0·7–2·1)	1·3 (0·7–2·3)	1·4 (0·8–2·1)	1·5 (0·9–2·5)	1·7 (1·0–2·6)	1·6 (0·9–3·0)
Motorized vehicle with three or more wheels	4·8 (3·1–6·8)	5·3 (3·5–7·5)	6·0 (3·9–8·6)	7·3 (4·8–10·4)	8·5 (5·7–12·0)	9·7 (6·1–13·9)	10·4 (6·4–15·0)
Road injury other	2·2 (0·5–5·5)	2·7 (0·5–5·8)	2·9 (0·7–6·7)	3·0 (0·7–6·9)	4·0 (0·8–8·5)	4·1 (1·0–9·0)	3·9 (0·7–8·5)
Other transport injury	0·7 (0·4–1·0)	0·7 (0·4–1·0)	0·8 (0·5–1·2)	0·8 (0·5–1·4)	1·0 (0·7–1·5)	1·3 (0·8–2·0)	1·4 (0·9–2·2)
Unintentional injuries other than transport injuries	23·4 (20·1–29·3)	24·9 (21·6–30·1)	31·3 (27·5–36·5)	40·5 (35·2–48·6)	61·4 (53·1–71·7)	99·8 (87·4–117·8)	274·2 (234·4–329·5)
Falls	3·5 (2·6–4·4)	4·4 (3·4–5·8)	6·7 (5·1–9·1)	10·6 (8·1–13·6)	20·0 (15·7–26·0)	43·6 (32·8–57·0)	168·0 (132·1–216·1)
Drowning	3·1 (2·2–4·2)	3·2 (2·1–4·6)	4·1 (2·9–5·8)	4·9 (3·6–6·5)	7·2 (4·8–9·6)	8·5 (5·9–11·6)	10·9 (7·6–15·1)
Fire, heat and hot substances	4·2 (2·6–6·1)	4·3 (2·8–6·2)	5·3 (3·7–7·4)	6·5 (4·3–9·6)	9·6 (6·3–13·3)	12·8 (8·6–19·1)	22·9 (16·0–33·9)
Poisonings	3·2 (2·3–5·7)	3·1 (2·3–5·5)	3·3 (2·4–6·2)	3·9 (2·9–6·5)	4·9 (3·5–8·0)	5·7 (4·2–9·5)	8·6 (6·3–13·2)
Exposure to mechanical forces	3·8 (2·0–8·2)	3·8 (2·1–7·2)	4·2 (2·3–7·7)	4·7 (2·5–9·9)	5·5 (2·8–10·3)	7·5 (4·1–14·4)	9·5 (5·2–18·0)
Mechanical forces (firearm)	1·9 (0·4–6·2)	1·7 (0·4–4·8)	1·9 (0·4–5·1)	2·1 (0·4–7·2)	2·6 (0·5–7·4)	3·2 (0·6–10·4)	3·8 (0·9–13·5)
Mechanical forces (other)	1·9 (0·8–4·5)	2·1 (0·9–4·5)	2·3 (1·0–5·0)	2·6 (1·1–6·6)	2·9 (1·4–6·2)	4·3 (1·9–10·4)	5·6 (2·7–13·3)
Adverse effects of medical treatment	0·6 (0·3–0·9)	0·8 (0·4–1·2)	1·1 (0·6–1·7)	1·9 (1·0–2·6)	2·6 (1·4–3·9)	4·3 (2·3–6·2)	8·8 (4·9–14·7)
Animal contact	1·6 (0·7–2·5)	1·3 (0·6–2·3)	1·6 (0·8–2·8)	1·7 (0·9–3·0)	2·6 (1·3–4·6)	3·0 (1·4–5·6)	3·0 (1·4–7·1)
Animal contact (venomous)	1·2 (0·4–2·1)	0·9 (0·3–1·9)	1·0 (0·4–2·1)	1·1 (0·4–2·1)	1·6 (0·6–3·3)	1·8 (0·6–4·2)	1·7 (0·5–4·0)
Animal contact (non-venomous)	0·4 (0·1–0·8)	0·4 (0·1–0·7)	0·5 (0·2–1·1)	0·6 (0·2–1·2)	0·9 (0·3–1·9)	1·2 (0·4–2·4)	1·3 (0·4–3·1)
Unintentional injuries not classified elsewhere	3·4 (2·2–4·5)	3·9 (2·6–5·1)	4·9 (3·3–6·4)	6·3 (4·3–7·9)	9·0 (6·2–11·3)	14·3 (10·0–17·4)	42·4 (30·1–49·3)
Self-harm and interpersonal violence	17·7 (12·3–27·1)	18·2 (11·2–27·2)	20·2 (13·5–30·0)	22·3 (14·3–33·7)	27·8 (17·5–39·3)	32·7 (21·2–45·6)	42·2 (26·7–59·7)
Self-harm	15·1 (9·7–24·0)	15·9 (9·1–25·1)	17·6 (10·9–27·4)	19·7 (11·8–31·0)	25·0 (15·1–36·6)	29·5 (18·4–42·4)	38·1 (23·0–55·4)
Interpersonal violence	2·6 (2·0–3·3)	2·3 (1·8–2·9)	2·5 (1·9–3·2)	2·5 (1·9–3·2)	2·8 (2·1–3·3)	3·3 (2·5–4·0)	4·1 (3·2–5·2)

Web Table 28 - Global deaths rates (per 100,000) with 95% UI by age, sex, and cause, 1990							
Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Assault by firearm	0·7 (0·3–1·2)	0·6 (0·2–1·0)	0·6 (0·2–1·0)	0·5 (0·2–0·9)	0·5 (0·2–0·9)	0·5 (0·2–0·9)	0·5 (0·2–1·1)
Assault by sharp object	0·6 (0·3–1·0)	0·6 (0·3–0·9)	0·6 (0·3–1·0)	0·6 (0·3–1·0)	0·7 (0·3–1·1)	0·6 (0·3–1·0)	0·8 (0·4–1·3)
Assault by other means	1·3 (0·9–1·8)	1·2 (0·8–1·8)	1·4 (1·0–2·0)	1·5 (1·0–2·0)	1·6 (1·2–2·2)	2·2 (1·6–2·9)	2·8 (2·0–3·9)
Forces of nature, war, and legal intervention	2·0 (1·1–4·5)	2·4 (1·3–5·3)	2·7 (1·5–6·1)	3·0 (1·7–6·7)	2·8 (1·5–6·0)	1·8 (1·0–3·8)	1·2 (0·7–2·5)
Exposure to forces of nature	0·7 (0·3–1·6)	0·9 (0·4–2·2)	1·2 (0·5–2·6)	1·4 (0·7–3·2)	1·3 (0·6–2·9)	0·9 (0·4–1·9)	0·6 (0·2–1·2)
Collective violence and legal intervention	1·3 (0·7–2·8)	1·4 (0·8–3·1)	1·6 (0·9–3·4)	1·6 (0·9–3·5)	1·4 (0·8–3·2)	0·9 (0·5–1·9)	0·7 (0·4–1·4)

* For these causes, the mean value is outside of the 95% uncertainty interval. This occurs because the full distribution of 1,000 draws is asymmetric with a long tail. A small number of high values in the uncertainty distribution raises the mean above the 97.5 percentile of the distribution.

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
All causes	1,712,983 (1,648,641–1,763,540)	186,296 (170,338–202,062)	58,225 (54,026–62,894)	174,459 (160,391–194,908)	165,318 (150,641–182,507)	35,736 (33,970–37,721)	26,941 (25,226–29,944)
Communicable, maternal, neonatal, and nutritional disorders	748,861 (708,862–792,129)	171,575 (155,414–187,587)	50,916 (46,702–55,715)	141,606 (127,953–162,526)	120,796 (106,477–137,627)	20,146 (18,095–22,343)	11,812 (10,458–13,240)
HIV/AIDS and tuberculosis	119,827 (108,596–129,020)	–	–	4,225 (3,514–5,175)	10,148 (8,691–11,758)	3,075 (2,736–3,459)	2,656 (2,373–2,973)
Tuberculosis	42,622 (33,279–48,915)	–	–	1,569 (1,084–2,552)	2,127 (1,693–2,779)	677 (469–930)	479 (356–630)
HIV/AIDS	77,205 (70,615–83,786)	–	–	2,656 (2,208–3,155)	8,021 (6,633–9,496)	2,398 (2,118–2,680)	2,178 (1,926–2,443)
HIV disease resulting in mycobacterial infection	13,724 (12,462–15,036)	–	–	497 (394–610)	1,492 (1,188–1,861)	458 (378–539)	428 (359–503)
HIV disease resulting in other specified or unspecified diseases	63,481 (57,519–69,509)	–	–	2,159 (1,705–2,652)	6,529 (5,206–8,074)	1,941 (1,627–2,252)	1,750 (1,506–2,005)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	263,061 (235,300–298,017)	14,805 (11,971–17,980)	16,808 (14,542–19,096)	84,838 (72,906–106,347)	57,381 (49,233–69,159)	11,046 (8,998–13,201)	5,826 (4,466–7,151)
Diarrheal diseases	81,468 (69,631–90,865)	2,164 (1,520–3,028)	4,480 (3,490–5,700)	30,346 (24,502–35,593)	19,740 (15,616–23,725)	3,387 (2,712–4,192)	1,439 (1,093–1,950)
Cholera	4,383 (3,265–5,719)	132 (74–220)	275 (176–417)	1,773 (1,200–2,605)	1,432 (981–1,939)	182 (128–260)	57 (37–88)
Other salmonella infections	4,506 (3,486–5,536)	87 (53–131)	179 (118–257)	1,281 (879–1,740)	987 (730–1,275)	284 (207–388)	173 (119–252)
Shigellosis	6,308 (5,051–7,748)	132 (80–206)	276 (186–400)	1,850 (1,304–2,502)	1,453 (1,050–1,915)	355 (257–498)	195 (130–297)
Enteropathogenic E coli infection	6,697 (4,932–8,618)	269 (160–436)	563 (356–830)	3,831 (2,708–5,155)	1,560 (1,132–2,085)	131 (92–189)	33 (22–52)
Enterotoxigenic E coli infection	5,829 (4,626–7,095)	121 (74–195)	253 (172–365)	1,740 (1,254–2,329)	1,184 (857–1,529)	224 (164–308)	117 (78–173)
Campylobacter enteritis	6,795 (4,945–8,493)	217 (127–338)	455 (293–659)	3,084 (2,143–4,049)	1,666 (1,159–2,230)	215 (150–305)	85 (54–130)
Amoebiasis	2,032 (1,525–2,616)	25 (13–45)	52 (30–83)	346 (214–528)	357 (241–489)	79 (54–113)	42 (27–63)
Cryptosporidiosis	7,711 (5,821–9,745)	302 (190–448)	593 (417–819)	4,064 (3,024–5,268)	2,123 (1,541–2,744)	178 (127–246)	36 (23–55)
Rotaviral enteritis	17,381 (13,088–21,511)	554 (340–861)	1,139 (784–1,589)	7,737 (5,622–9,950)	5,333 (3,835–6,826)	597 (425–830)	161 (107–240)
Other diarrheal diseases	19,827 (14,178–26,527)	324 (174–550)	696 (419–1,103)	4,640 (2,937–6,894)	3,646 (2,266–5,510)	1,143 (769–1,662)	540 (356–823)
Typhoid and paratyphoid fevers	12,067 (1,523–22,966)	–	–	769 (98–1,460)	2,528 (318–4,854)	1,890 (250–3,539)	1,319 (163–2,450)
Lower respiratory infections	112,896 (100,329–124,545)	9,205 (7,241–11,844)	7,455 (6,119–9,058)	35,118 (29,962–40,534)	20,519 (17,612–25,210)	2,582 (2,130–3,248)	1,526 (1,243–1,912)
Influenza	18,661 (16,340–20,908)	1,264 (929–1,726)	1,026 (794–1,345)	4,902 (3,928–6,093)	2,962 (2,468–3,705)	435 (353–551)	293 (233–378)
Pneumococcal pneumonia	26,539 (23,364–29,484)	1,541 (1,127–2,035)	1,246 (951–1,570)	5,938 (4,796–7,293)	5,541 (4,706–6,776)	592 (488–750)	279 (226–358)

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H influenzae type B pneumonia	21,114 (18,391–24,110)	1,991 (1,467–2,703)	1,607 (1,250–2,051)	7,633 (6,155–9,269)	4,445 (3,712–5,576)	520 (419–662)	281 (219–366)
Respiratory syncytial virus pneumonia	20,437 (17,156–24,092)	3,103 (2,373–4,073)	2,539 (2,039–3,153)	11,760 (9,667–14,079)	2,629 (2,186–3,201)	26 (21–32)	15 (12–19)
Other lower respiratory infections	26,145 (22,697–29,568)	1,306 (889–1,856)	1,036 (741–1,428)	4,885 (3,627–6,429)	4,941 (4,031–6,350)	1,010 (829–1,257)	658 (532–825)
Upper respiratory infections	138 (122–153)	10 (8–13)	8 (7–10)	43 (37–49)	27 (23–33)	5 (5–6)	3 (2–3)
Otitis media	244 (0–2,807)	3 (0–34)	12 (0–136)	156 (0–1,823)	27 (0–294)	6 (0–62)	4 (0–50)
Meningitis	26,771 (22,965–30,921)	1,486 (988–2,031)	2,459 (1,881–3,180)	7,770 (6,210–9,717)	5,733 (4,614–7,499)	1,475 (1,163–1,873)	844 (667–1,089)
Pneumococcal meningitis	7,138 (6,103–8,087)	292 (183–439)	483 (349–659)	1,482 (1,134–1,940)	1,596 (1,292–2,153)	478 (366–602)	292 (223–391)
H influenzae type B meningitis	6,240 (5,302–7,440)	396 (256–575)	664 (486–886)	2,071 (1,630–2,640)	1,898 (1,519–2,508)	475 (355–610)	203 (153–274)
Meningococcal infection	4,760 (4,002–5,499)	206 (114–345)	346 (232–487)	968 (698–1,320)	1,255 (1,006–1,679)	324 (257–407)	187 (151–231)
Other meningitis	8,633 (7,184–9,894)	592 (392–843)	965 (726–1,240)	3,249 (2,596–4,059)	985 (799–1,280)	199 (155–250)	162 (125–212)
Encephalitis	6,935 (5,954–8,044)	291 (199–449)	534 (360–789)	1,505 (1,113–2,031)	1,173 (843–1,652)	581 (382–854)	362 (232–554)
Diphtheria	236 (0–2,015)	–	–	59 (0–492)	132 (0–1,151)	26 (0–224)	7 (0–60)
Whooping cough	6,896 (22–33,790)	–	–	5,650 (18–27,476)	1,109 (3–5,637)	58 (0–294)	14 (0–71)
Tetanus	4,642 (2,550–7,574)	1,638 (748–2,985)	1,844 (958–3,115)	550 (283–998)	70 (1–295)	68 (1–289)	49 (1–199)
Measles	10,389 (3,422–24,505)	–	–	2,755 (932–6,469)	6,206 (2,011–14,881)	942 (313–2,156)	250 (82–578)
Varicella	379 (0–2,583)	8 (0–54)	15 (0–101)	118 (0–804)	116 (0–806)	26 (0–169)	10 (0–69)
Neglected tropical diseases and malaria	86,519 (66,947–114,013)	34 (21–64)	2,308 (1,331–3,786)	21,301 (13,868–32,288)	36,152 (24,441–52,710)	3,672 (2,904–4,546)	1,977 (1,558–2,475)
Malaria	78,615 (59,791–106,353)	–	2,242 (1,268–3,723)	20,616 (13,167–31,698)	34,356 (22,514–50,939)	2,741 (1,960–3,557)	1,388 (992–1,862)
Chagas disease	243 (117–693)	–	–	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–1)	1 (0–3)
Leishmaniasis	3,193 (2,046–4,764)	–	23 (13–40)	348 (196–595)	868 (511–1,410)	393 (231–630)	289 (177–443)
African trypanosomiasis	552 (65–1,759)	–	–	–	66 (8–213)	57 (7–184)	58 (6–185)
Schistosomiasis	323 (0–1,948)	–	–	<0·5 (0–3)	4 (0–22)	3 (0–14)	4 (0–22)
Cysticercosis	47 (2–175)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–1)	1 (0–3)	1 (0–3)	1 (0–5)

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Echinococcosis	34 (1–133)	–	–	–	1 (0–2)	1 (0–5)	1 (0–4)
Dengue	813 (332–1,395)	–	–	103 (38–220)	224 (74–523)	103 (41–205)	53 (19–104)
Rabies	1,462 (852–2,659)	–	–	62 (28–139)	317 (132–746)	290 (151–584)	137 (73–263)
Intestinal nematode infections	204 (1–993)	–	–	24 (0–111)	135 (1–655)	26 (0–120)	6 (0–29)
Ascariasis	204 (1–993)	–	–	24 (0–111)	135 (1–655)	26 (0–120)	6 (0–29)
Other neglected tropical diseases	1,034 (782–1,407)	34 (21–64)	43 (28–71)	146 (93–239)	181 (99–312)	58 (30–108)	40 (23–73)
Maternal disorders	14,314 (11,473–17,020)	–	–	–	–	–	–
Maternal hemorrhage	3.191 (2,533–3,757)	–	–	–	–	–	–
Maternal sepsis	1,267 (1,023–1,544)	–	–	–	–	–	–
Hypertensive disorders of pregnancy	2.705 (2,154–3,278)	–	–	–	–	–	–
Obstructed labor	610 (482–760)	–	–	–	–	–	–
Abortion	2.106 (1,698–2,561)	–	–	–	–	–	–
Other maternal disorders	4,435 (3,504–5,149)	–	–	–	–	–	–
Neonatal disorders	192.495 (173,407–212,608)	151.239 (134,939–167,333)	29.506 (25,314–34,149)	11.181 (9,021–13,794)	570 (409–806)	–	–
Preterm birth complications	74,000 (62,979–85,228)	60,533 (50,724–70,679)	9,406 (7,577–11,578)	3,963 (3,009–5,413)	98 (69–148)	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	44.018 (34,628–53,311)	37.274 (29,013–45,822)	4.827 (3,586–6,350)	1.685 (1,164–2,297)	232 (134–401)	–	–
Sepsis and other infectious disorders of the newborn baby	44,214 (27,335–72,377)	32,396 (19,934–51,830)	9,060 (5,500–14,793)	2,679 (1,412–5,008)	78 (35–158)	–	–
Other neonatal disorders	30.263 (25,259–36,989)	21.035 (16,729–26,899)	6.212 (4,843–7,931)	2.853 (2,116–3,850)	162 (104–259)	–	–
Nutritional deficiencies	35,399 (28,535–41,526)	–	–	11,757 (9,007–15,233)	11,985 (9,282–15,315)	1,043 (786–1,353)	588 (432–808)
Protein-energy malnutrition	32,154 (25,231–38,743)	–	–	11,291 (8,692–14,760)	11,293 (8,630–14,799)	923 (673–1,270)	488 (351–694)
Iodine deficiency	137 (102–157)	–	–	14 (10–17)	9 (7–11)	3 (2–3)	3 (2–4)
Iron-deficiency anemia	2,845 (2,184–3,333)	–	–	411 (301–531)	659 (492–890)	112 (85–147)	93 (70–121)
Other nutritional deficiencies	263 (194–291)	–	–	41 (30–51)	25 (19–30)	5 (4–7)	4 (3–5)

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Other communicable, maternal, neonatal, and nutritional disorders	37,246 (31,483–44,278)	5,497 (3,606–8,151)	2,295 (1,672–3,054)	8,304 (6,367–10,764)	4,560 (3,562–5,929)	1,310 (1,032–1,776)	765 (560–1,086)
Sexually transmitted diseases excluding HIV	9,679 (5,669–15,650)	4,229 (2,424–6,919)	1,019 (585–1,683)	3,236 (1,854–5,237)	681 (386–1,105)	161 (92–264)	15 (11–24)
Syphilis	9,487 (5,507–15,347)	4,229 (2,434–6,867)	1,019 (586–1,660)	3,236 (1,839–5,280)	681 (383–1,116)	161 (93–261)	7 (4–14)
Sexually transmitted chlamydial diseases	45 (32–71)	–	–	–	–	–	2 (1–3)
Gonococcal infection	34 (24–53)	–	–	–	–	–	1 (1–2)
Other sexually transmitted diseases	114 (80–180)	–	–	–	–	–	5 (3–7)
Hepatitis	12,716 (10,883–15,149)	–	–	1,398 (848–2,551)	1,273 (766–2,321)	504 (312–870)	434 (257–758)
Acute hepatitis A	4,165 (2,197–8,851)	–	–	935 (374–2,042)	448 (114–1,164)	77 (34–162)	72 (32–170)
Acute hepatitis B	4,426 (3,002–5,715)	–	–	463 (242–855)	146 (56–266)	41 (20–74)	27 (16–47)
Acute hepatitis C	479 (341–666)	–	–	–	–	3 (1–15)	5 (2–11)
Acute hepatitis E	3,645 (1,492–7,413)	–	–	–	678 (206–1,773)	383 (133–891)	330 (113–734)
Other infectious diseases	14,851 (10,769–18,491)	1,268 (768–1,784)	1,276 (838–1,731)	3,670 (2,570–4,986)	2,606 (1,954–3,471)	645 (451–907)	316 (226–452)
Non-communicable diseases	732,620 (695,789–753,803)	13,485 (11,020–16,232)	6,140 (5,187–7,156)	24,156 (20,796–26,939)	22,163 (19,184–25,951)	7,491 (6,629–8,384)	6,736 (6,075–7,374)
Neoplasms	184,004 (170,007–193,868)	105 (73–146)	83 (56–126)	863 (647–1,158)	1,738 (1,292–2,208)	1,752 (1,408–2,027)	1,574 (1,297–1,812)
Esophageal cancer	8.868 (6,622–10,761)	–	–	–	–	–	–
Stomach cancer	16,183 (12,042–21,283)	–	–	–	–	–	–
Liver cancer	18,971 (16,510–22,790)	–	–	–	–	66 (44–110)	68 (44–110)
Liver cancer secondary to hepatitis B	8,874 (7,659–10,833)	–	–	–	–	16 (10–26)	23 (15–39)
Liver cancer secondary to hepatitis C	4,107 (3,509–4,827)	–	–	–	–	2 (1–3)	3 (2–5)
Liver cancer secondary to alcohol use	3,752 (3,269–4,466)	–	–	–	–	–	–
Other liver cancer	2,238 (1,954–2,674)	–	–	–	–	49 (33–79)	42 (27–67)
Larynx cancer	2,304 (1,231–3,753)	–	–	–	–	–	–
Trachea, bronchus and lung cancers	32.050 (24,149–38,036)	–	–	–	–	–	–

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Breast cancer	11,120 (10,703–11,702)	–	–	–	–	–	–
Cervical cancer	6.329 (4,009–8,655)	–	–	–	–	–	–
Uterine cancer	1,204 (562–1,740)	–	–	–	–	–	–
Prostate cancer	3.322 (1,764–5,188)	–	–	–	–	–	–
Colon and rectum cancers	13,858 (12,259–16,070)	–	–	–	–	–	–
Mouth cancer	3.126 (2,620–3,442)	–	–	–	–	–	–
Nasopharynx cancer	1,983 (1,283–2,582)	–	–	–	–	11 (8–18)	26 (16–41)
Cancer of other part of pharynx and oropharynx	2.697 (1,537–3,361)	–	–	–	–	–	–
Gallbladder and biliary tract cancer	2,999 (1,935–4,024)	–	–	–	–	–	–
Pancreatic cancer	6.124 (4,604–7,663)	–	–	–	–	–	–
Malignant melanoma of skin	1,124 (707–1,659)	–	–	–	–	–	–
Non-melanoma skin cancer	544 (310–808)	–	–	–	–	–	–
Ovarian cancer	4,055 (2,860–5,063)	–	–	–	–	–	–
Testicular cancer	301 (190–394)	–	–	–	–	–	–
Kidney and other urinary organ cancers	3,597 (2,770–4,831)	–	–	36 (21–51)	129 (79–189)	72 (43–114)	28 (14–58)
Bladder cancer	2.889 (2,204–3,432)	–	–	–	–	–	–
Brain and nervous system cancers	5,966 (3,582–7,384)	–	–	–	233 (82–515)	290 (166–377)	216 (125–286)
Thyroid cancer	788 (583–946)	–	–	–	–	–	12 (6–27)
Hodgkin's disease	630 (414–902)	5 (3–9)	2 (1–6)	7 (4–11)	21 (9–41)	29 (16–45)	26 (16–39)
Non-Hodgkin's lymphoma	5,750 (4,526–6,348)	–	–	47 (33–64)	246 (162–352)	275 (163–418)	215 (140–307)
Multiple myeloma	1,439 (937–1,959)	–	–	–	–	–	–
Leukemia	9,432 (7,519–11,104)	–	–	299 (223–402)	660 (488–823)	634 (483–790)	611 (476–758)
Other neoplasms	16,349 (11,680–19,591)	99 (69–140)	80 (54–125)	474 (294–741)	449 (264–690)	374 (250–508)	371 (244–512)

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Cardiovascular and circulatory diseases	273,051 (251,185–285,018)	788 (626–955)	543 (430–667)	2,897 (2,379–3,408)	2,498 (2,049–2,992)	927 (759–1,109)	1,075 (897–1,281)
Rheumatic heart disease	8,720 (7,665–9,562)	–	–	–	185 (141–227)	96 (78–118)	179 (141–232)
Ischemic heart disease	121,025 (110,119–127,419)	–	–	575 (326–814)	512 (325–702)	226 (144–341)	259 (183–365)
Cerebrovascular disease	97,887 (86,386–103,774)	310 (212–414)	211 (139–302)	803 (470–1,184)	667 (456–917)	289 (209–382)	327 (238–419)
Ischemic stroke	36,005 (33,716–41,993)	–	–	176 (108–248)	156 (104–201)	51 (40–63)	47 (39–56)
Hemorrhagic and other non-ischemic stroke	61,881 (53,466–71,565)	310 (224–443)	211 (147–323)	627 (369–932)	511 (303–733)	238 (165–334)	280 (196–392)
Hypertensive heart disease	14,864 (12,341–17,894)	–	–	106 (73–143)	114 (79–160)	36 (26–47)	35 (26–46)
Cardiomyopathy and myocarditis	10,757 (9,358–12,452)	244 (144–380)	199 (122–323)	595 (350–885)	524 (230–915)	142 (93–215)	135 (99–187)
Atrial fibrillation and flutter	1,173 (929–1,499)	–	–	–	–	–	–
Aortic aneurysm	3,163 (2,280–4,235)	–	–	–	–	–	–
Peripheral vascular disease	576 (375–916)	–	–	–	–	–	–
Endocarditis	1,520 (1,184–1,783)	34 (24–48)	28 (21–35)	170 (126–214)	129 (96–164)	29 (23–38)	27 (21–35)
Other cardiovascular and circulatory diseases	13,366 (12,640–14,011)	200 (150–262)	106 (81–137)	646 (459–851)	368 (218–548)	109 (88–134)	112 (97–131)
Chronic respiratory diseases	68,643 (65,925–71,840)	397 (299–565)	379 (286–538)	2,914 (2,299–3,803)	2,428 (2,085–2,866)	417 (334–528)	387 (311–507)
Chronic obstructive pulmonary disease	47,359 (43,102–53,724)	–	–	1,285 (807–1,972)	674 (512–882)	117 (83–168)	116 (78–178)
Pneumoconiosis	2,137 (1,295–3,428)	–	–	–	50 (19–108)	11 (5–22)	8 (4–16)
Asthma	8,624 (6,808–13,481)	–	–	–	827 (377–1,585)	164 (92–304)	163 (98–291)
Other interstitial lung disease	2,071 (1,398–2,812)	–	–	–	65 (22–140)	13 (7–26)	10 (6–16)
Other chronic respiratory diseases	8,452 (6,454–11,151)	397 (249–597)	379 (239–588)	1,629 (950–2,499)	812 (432–1,238)	111 (71–170)	91 (61–145)
Cirrhosis of the liver	30,414 (25,317–34,042)	–	–	–	1,019 (703–1,482)	204 (147–288)	224 (156–358)
Cirrhosis of the liver secondary to hepatitis B	8,792 (7,523–10,687)	–	–	–	62 (44–91)	33 (24–47)	50 (35–76)
Cirrhosis of the liver secondary to hepatitis C	7,297 (6,201–8,383)	–	–	–	29 (21–42)	18 (13–25)	29 (20–48)
Cirrhosis of the liver secondary to alcohol use	8,415 (6,651–10,009)	–	–	–	–	–	–

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
Other cirrhosis of the liver	5,910 (5,052–7,026)	–	–	–	928 (663–1,370)	153 (111–220)	145 (99–237)
Digestive diseases (except cirrhosis)	27,218 (24,210–29,861)	–	–	–	2,780 (2,265–3,439)	442 (373–529)	406 (326–517)
Peptic ulcer disease	6,407 (5,432–7,423)	–	–	–	263 (139–501)	76 (52–109)	90 (58–141)
Gastritis and duodenitis	342 (252–430)	–	–	–	29 (16–54)	5 (3–8)	5 (3–9)
Appendicitis	1,307 (834–1,903)	–	–	–	412 (190–798)	65 (41–119)	49 (33–81)
Paralytic ileus and intestinal obstruction without hernia	3,716 (2,768–4,991)	–	–	–	581 (312–1,101)	93 (66–138)	78 (52–125)
Inguinal or femoral hernia	351 (344–358)	–	–	–	50 (45–56)	8 (7–9)	5 (5–6)
Noninfective inflammatory bowel disease	1,080 (601–1,386)	–	–	–	365 (82–633)	31 (13–48)	19 (10–30)
Vascular disorders of intestine	1,087 (552–2,385)	–	–	–	18 (6–44)	7 (2–16)	7 (2–15)
Gall bladder and bile duct disease	1,792 (1,488–2,098)	–	–	–	146 (67–260)	25 (17–37)	21 (14–33)
Pancreatitis	2,148 (1,601–2,756)	–	–	–	50 (20–110)	14 (9–21)	14 (10–19)
Other digestive diseases	8,988 (7,225–12,066)	–	–	–	864 (513–1,366)	117 (82–186)	118 (74–195)
Neurological disorders	30,839 (23,721–36,989)	–	–	1,892 (1,257–2,757)	2,968 (1,714–5,487)	1,216 (865–1,743)	1,095 (791–1,500)
Alzheimer's disease and other dementias	4,548 (3,290–5,364)	–	–	–	–	69 (39–104)	45 (28–70)
Parkinson's disease	1,312 (991–1,668)	–	–	–	–	–	–
Epilepsy	8,688 (5,787–11,996)	–	–	634 (322–1,132)	1,663 (669–3,924)	493 (294–771)	394 (264–508)
Multiple sclerosis	551 (439–674)	–	–	–	–	–	–
Other neurological disorders	15,740 (10,522–22,698)	–	–	1,257 (795–1,996)	1,305 (785–2,143)	654 (407–1,049)	656 (394–1,056)
Mental and behavioral disorders	8,564 (6,459–12,136)	28 (16–50)	30 (17–53)	149 (85–287)	238 (137–381)	60 (40–99)	50 (36–82)
Schizophrenia	599 (504–773)	–	–	–	–	–	–
Alcohol use disorders	3,818 (2,158–6,281)	–	–	–	–	–	–
Drug use disorders	3,582 (2,225–5,683)	28 (16–50)	30 (17–53)	149 (85–287)	207 (110–351)	45 (27–83)	38 (24–71)
Opioid use disorders	1,981 (1,233–3,133)	14 (8–25)	16 (9–28)	76 (43–146)	102 (52–173)	23 (14–42)	19 (12–35)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	Both Sexes, All Ages	Both Sexes, 0-6 Days	Both Sexes, 7-27 Days	Both Sexes, 28-364 Days	Both Sexes, 1-4 Years	Both Sexes, 5-9 Years	Both Sexes, 10-14 Years
Cocaine use disorders	25* (7–22)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	1 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)
Amphetamine use disorders	21* (6–15)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	1 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)
Other drug use disorders	1,555 (1,008–2,552)	13 (8–24)	14 (8–25)	72 (40–131)	103 (53–175)	22 (13–39)	18 (12–34)
Eating disorders	204 (127–264)	–	–	–	–	7 (4–9)	6 (3–8)
Other mental and behavioral disorders	361 (216–473)	–	–	–	30 (15–49)	8 (4–11)	6 (3–9)
Diabetes, urogenital, blood, and endocrine diseases	65,513 (57,585–73,821)	561 (387–819)	464 (313–669)	3,477 (2,706–4,594)	3,917 (2,574–5,854)	1,404 (1,020–2,009)	1,136 (887–1,457)
Diabetes mellitus	26,066 (21,863–27,376)	60 (46–79)	39 (29–53)	320 (213–469)	282 (199–379)	106 (78–143)	126 (90–170)
Acute glomerulonephritis	3,683 (1,746–8,386)	–	–	411 (185–929)	654 (232–1,580)	299 (99–782)	167 (68–381)
Chronic kidney diseases	17,133 (14,501–18,627)	–	–	610 (410–864)	642 (458–836)	257 (172–357)	258 (187–354)
Chronic kidney disease due to diabetes mellitus	3,672 (3,068–4,077)	–	–	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Chronic kidney disease due to hypertension	3,727 (3,155–4,099)	–	–	74 (49–107)	79 (57–105)	35 (24–49)	39 (28–54)
Chronic kidney disease unspecified	9,734 (8,218–10,633)	–	–	536 (361–755)	563 (399–726)	222 (150–307)	219 (159–302)
Urinary diseases and male infertility	5,336 (4,004–6,902)	54 (32–86)	60 (39–96)	361 (214–580)	275 (157–458)	57 (42–80)	56 (42–75)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	2,900 (1,981–3,524)	22 (13–31)	26 (15–37)	170 (92–263)	128 (72–183)	25 (16–31)	28 (18–38)
Urolithiasis	397 (240–526)	–	–	–	–	8 (5–14)	6 (4–10)
Other urinary diseases	2,038 (1,443–2,781)	32 (14–60)	35 (18–63)	192 (79–377)	147 (64–292)	24 (15–40)	22 (16–32)
Gynecological diseases	215 (161–263)	–	–	–	–	–	–
Uterine fibroids	25 (19–31)	–	–	–	–	–	–
Endometriosis	1 (0–1)	–	–	–	–	–	–
Genital prolapse	6 (5–6)	–	–	–	–	–	–
Other gynecological diseases	185 (141–228)	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	5,443 (3,721–7,362)	204 (122–310)	140 (86–202)	709 (438–1,027)	1,229 (554–2,217)	403 (241–592)	319 (211–440)
Thalassemias	1,081 (894–1,253)	3 (2–4)	6 (4–8)	57 (40–78)	159 (115–221)	104 (71–145)	109 (77–146)

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Cause	Both Sexes, All Ages	Both Sexes, 0-6 Days	Both Sexes, 7-27 Days	Both Sexes, 28-364 Days	Both Sexes, 1-4 Years	Both Sexes, 5-9 Years	Both Sexes, 10-14 Years
Sickle cell disorders	1,977 (1,103–2,849)	16 (12–22)	35 (21–52)	332 (175–506)	673 (315–1,113)	225 (113–341)	133 (70–202)
G6PD deficiency	156 (128–190)	<0·5 (0–1)	1 (1–1)	10 (6–15)	27 (17–42)	18 (12–27)	14 (10–20)
Other hemoglobinopathies and hemolytic anemias	2,230 (1,303–3,447)	185 (118–283)	99 (53–156)	310 (171–532)	371 (102–1,028)	56 (19–128)	63 (26–134)
Other endocrine, nutritional, blood, and immune disorders	7,637 (4,451–13,227)	243 (124–497)	223 (109–431)	1,066 (622–2,073)	835 (382–1,597)	282 (129–478)	211 (110–359)
Musculoskeletal disorders	3,669 (2,641–5,115)	–	–	–	–	62 (41–88)	89 (62–124)
Rheumatoid arthritis	1,038 (799–1,437)	–	–	–	–	19 (12–34)	18 (11–30)
Other musculoskeletal disorders	2,630 (2,124–3,641)	–	–	–	–	43 (28–62)	71 (52–95)
Other non-communicable diseases	40,706 (33,342–47,384)	11,608 (9,216–14,385)	4,640 (3,772–5,646)	11,964 (9,392–14,145)	4,577 (3,685–5,721)	1,007 (813–1,299)	700 (528–959)
Congenital anomalies	35,608 (28,767–42,676)	11,608 (9,216–14,385)	4,103 (3,361–5,132)	10,064 (7,515–12,122)	4,195 (3,323–5,346)	946 (750–1,241)	644 (471–906)
Neural tube defects	5,619 (3,195–8,354)	3,103 (1,703–4,966)	645 (339–1,029)	968 (536–1,621)	420 (194–811)	112 (51–216)	89 (35–206)
Congenital heart anomalies	14,895 (13,119–17,211)	3,940 (3,361–4,669)	1,821 (1,532–2,257)	4,331 (3,400–5,539)	1,931 (1,491–2,616)	447 (343–596)	318 (236–460)
Cleft lip and cleft palate	316 (179–472)	109 (60–174)	57 (31–94)	114 (61–186)	37 (17–66)	–	–
Down's syndrome	1,148 (682–1,779)	189 (105–334)	101 (53–175)	308 (168–522)	210 (92–389)	37 (19–69)	29 (15–56)
Other chromosomal abnormalities	1,485 (762–2,696)	562 (281–1,118)	256 (130–485)	422 (206–844)	105 (43–224)	28 (13–60)	21 (10–44)
Other congenital anomalies	12,145 (7,590–16,367)	3,705 (2,219–5,335)	1,224 (707–1,791)	3,920 (2,228–5,837)	1,492 (747–2,431)	321 (187–484)	187 (113–301)
Skin and subcutaneous diseases	3,204 (2,528–3,678)	–	–	545 (389–720)	382 (219–517)	62 (48–79)	56 (42–72)
Cellulitis	916 (721–1,049)	–	–	111 (79–148)	122 (70–167)	25 (19–32)	21 (16–27)
Abscess, impetigo, and other bacterial skin diseases	1,547 (1,212–1,815)	–	–	432 (308–575)	249 (144–336)	32 (25–41)	28 (21–36)
Decubitus ulcer	730 (556–833)	–	–	–	10 (6–13)	5 (3–6)	7 (5–9)
Other skin and subcutaneous diseases	12* (3–5)	–	–	2* (0–1)	1 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)
Sudden infant death syndrome	1,893 (1,127–3,139)	–	537 (215–1,253)	1,356 (862–2,228)	–	–	–
Injuries	231,503 (209,777–253,761)	1,236 (1,068–1,460)	1,169 (998–1,387)	8,696 (7,636–9,914)	22,359 (19,949–25,255)	8,099 (7,210–9,332)	8,393 (7,179–11,106)
Transport injuries	65,310 (51,753–86,185)	88 (57–125)	86 (60–118)	996 (712–1,401)	5,099 (3,972–7,174)	2,590 (2,079–3,478)	2,112 (1,729–2,767)

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Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
Road injury	61,997 (49,274–81,589)	75 (52–112)	69 (49–97)	929 (647–1,346)	4,784 (3,730–6,468)	2,462 (1,940–3,239)	1,996 (1,589–2,588)
Pedestrian injury by road vehicle	21,116 (15,667–28,835)	22 (12–42)	14 (7–24)	260 (139–490)	2,435 (1,378–3,959)	1,064 (790–1,525)	731 (540–1,058)
Pedal cycle vehicle	3,620 (2,661–4,391)	–	–	–	175 (91–271)	182 (121–259)	204 (141–306)
Motorized vehicle with two wheels	10,042 (7,754–11,347)	6 (4–9)	5 (3–9)	66 (42–102)	304 (194–401)	206 (144–307)	214 (159–292)
Motorized vehicle with three or more wheels	22,441 (18,048–27,376)	41 (25–71)	36 (22–61)	479 (290–823)	1,478 (918–2,226)	786 (595–1,027)	647 (497–834)
Road injury other	4,778 (2,479–8,912)	6 (2–21)	12 (5–28)	125 (52–277)	392 (136–873)	224 (107–437)	200 (88–437)
Other transport injury	3,313 (2,748–4,034)	14 (9–23)	17 (12–30)	67 (42–98)	315 (116–475)	128 (84–177)	116 (88–160)
Unintentional injuries other than transport injuries	93,925 (83,497–101,080)	797 (654–1,024)	822 (673–1,052)	6,693 (5,611–7,817)	15,741 (13,740–17,957)	4,935 (4,313–5,763)	3,719 (3,274–4,268)
Falls	15,926 (12,296–18,287)	84 (53–120)	68 (47–100)	807 (561–1,165)	1,897 (1,415–2,542)	602 (418–936)	468 (318–745)
Drowning	19,460 (16,654–24,518)	52 (35–81)	24 (18–33)	524 (385–729)	5,400 (4,140–7,280)	1,770 (1,429–2,418)	1,351 (1,107–1,789)
Fire, heat and hot substances	17,611 (12,039–22,753)	62 (44–86)	100 (74–145)	1,140 (787–1,638)	4,034 (2,815–5,174)	942 (610–1,550)	500 (295–857)
Poisonings	8,516 (6,230–11,434)	49 (35–77)	64 (44–105)	335 (237–479)	968 (711–1,434)	244 (176–367)	240 (179–340)
Exposure to mechanical forces	10,345 (7,626–12,447)	33 (23–49)	29 (21–43)	245 (151–342)	1,013 (701–1,564)	467 (333–737)	404 (279–610)
Mechanical forces (firearm)	4,158 (2,684–6,445)	19 (10–36)	8 (3–12)	94 (54–194)	346 (149–632)	201 (109–365)	207 (113–377)
Mechanical forces (other)	6,187 (3,767–7,501)	13 (9–23)	22 (13–32)	151 (64–229)	667 (303–1,107)	266 (148–439)	197 (107–344)
Adverse effects of medical treatment	2,993 (2,347–3,425)	99 (70–140)	86 (61–119)	412 (292–550)	334 (191–493)	83 (58–113)	69 (46–103)
Animal contact	3,424 (2,151–4,821)	90 (39–225)	75 (38–138)	364 (159–701)	589 (291–1,001)	334 (189–564)	231 (119–407)
Animal contact (venomous)	2,561 (1,373–4,638)	46 (16–127)	59 (26–112)	265 (100–542)	435 (209–924)	272 (123–559)	183 (83–377)
Animal contact (non-venomous)	864 (499–1,216)	44 (18–115)	15 (5–33)	100 (39–201)	154 (62–280)	62 (34–97)	49 (29–79)
Unintentional injuries not classified elsewhere	15,648 (13,850–17,847)	328 (234–522)	376 (264–587)	2,866 (2,204–3,780)	1,505 (1,203–1,991)	493 (376–674)	454 (338–609)
Self-harm and interpersonal violence	60,209 (49,441–71,015)	209 (141–285)	73 (42–113)	400 (279–519)	875 (614–1,158)	379 (297–471)	1,170 (850–1,617)
Self-harm	36,247 (26,512–44,314)	–	–	–	–	76 (53–112)	740 (460–1,185)
Interpersonal violence	23,962 (18,476–31,428)	209 (141–285)	73 (42–113)	400 (279–519)	875 (614–1,158)	303 (228–380)	430 (319–551)

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Assault by firearm	10,559 (8,212–12,528)	29 (16–47)	25 (6–91)	88 (49–132)	198 (96–314)	94 (60–133)	181 (122–246)
Assault by sharp object	6,555 (4,264–9,731)	22 (13–39)	4 (3–8)	49 (31–80)	118 (54–228)	45 (29–67)	79 (51–110)
Assault by other means	6,848 (5,645–8,217)	157 (108–252)	43 (24–77)	263 (200–371)	559 (319–872)	164 (127–217)	170 (132–215)
Forces of nature, war, and legal intervention	12,058 (6,704–25,064)	142 (99–202)	189 (141–254)	608 (472–810)	644 (462–896)	194 (145–269)	1,392 (533–4,081)
Exposure to forces of nature	11,200 (6,055–23,580)	136 (91–194)	169 (122–233)	537 (409–734)	581 (398–833)	178 (130–250)	1,333 (488–3,971)
Collective violence and legal intervention	858 (613–1,382)	6 (1–12)	20 (16–28)	71 (60–88)	63 (47–84)	17 (15–19)	59 (38–102)

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Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
All causes	48,963 (45,761–52,671)	67,687 (63,334–71,629)	70,338 (66,522–74,271)	67,318 (63,660–71,050)	69,964 (65,148–74,515)	71,872 (67,290–76,248)	77,897 (73,070–82,517)
Communicable, maternal, neonatal, and nutritional disorders	14,956 (13,245–16,643)	22,986 (21,109–24,779)	28,898 (26,809–30,828)	28,757 (26,661–30,733)	26,820 (24,502–29,363)	20,987 (19,012–23,263)	17,833 (15,844–19,839)
HIV/AIDS and tuberculosis	2,894 (2,538–3,290)	7,380 (6,542–8,206)	14,695 (13,265–16,012)	16,834 (15,325–18,251)	16,297 (14,594–18,026)	12,187 (10,671–13,847)	9,590 (8,015–11,057)
Tuberculosis	1,246 (967–1,548)	2,746 (2,101–3,411)	3,789 (2,850–4,720)	3,964 (2,897–4,966)	4,013 (2,903–5,211)	3,571 (2,643–4,619)	3,579 (2,575–4,615)
HIV/AIDS	1,648 (1,424–1,910)	4,634 (4,037–5,199)	10,906 (9,860–11,914)	12,871 (11,816–13,925)	12,284 (11,134–13,436)	8,615 (7,598–9,706)	6,011 (5,000–7,054)
HIV disease resulting in mycobacterial infection	311 (265–364)	860 (744–966)	1,985 (1,786–2,188)	2,306 (2,096–2,511)	2,155 (1,941–2,384)	1,453 (1,262–1,664)	987 (812–1,181)
HIV disease resulting in other specified or unspecified diseases	1,337 (1,134–1,571)	3,774 (3,254–4,256)	8,921 (8,032–9,808)	10,564 (9,621–11,482)	10,128 (9,140–11,150)	7,163 (6,265–8,138)	5,023 (4,181–5,906)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	5,743 (4,422–7,018)	6,476 (5,258–7,740)	6,255 (5,107–7,409)	5,453 (4,495–6,446)	4,948 (4,110–5,898)	4,328 (3,609–5,139)	4,461 (3,702–5,288)
Diarrheal diseases	1,444 (1,107–1,926)	1,787 (1,408–2,304)	1,945 (1,547–2,500)	1,703 (1,360–2,174)	1,532 (1,171–2,070)	1,267 (972–1,696)	1,296 (966–1,784)
Cholera	58 (38–86)	71 (50–103)	76 (54–110)	67 (47–93)	60 (40–91)	46 (31–70)	41 (26–64)
Other salmonella infections	166 (110–243)	193 (136–275)	196 (137–283)	160 (109–220)	131 (86–192)	100 (65–147)	95 (62–142)
Shigellosis	186 (127–272)	217 (155–305)	221 (154–304)	178 (128–238)	144 (97–207)	112 (77–162)	116 (78–175)
Enteropathogenic E coli infection	30 (20–45)	33 (23–46)	30 (21–44)	22 (15–31)	15 (9–23)	10 (6–18)	13 (8–20)
Enterotoxigenic E coli infection	127 (87–189)	171 (122–235)	202 (145–279)	192 (140–262)	187 (128–268)	161 (111–232)	161 (108–235)
Campylobacter enteritis	82 (53–129)	99 (65–143)	104 (69–156)	89 (58–126)	78 (50–118)	63 (40–100)	65 (40–102)
Amoebiasis	49 (33–71)	71 (48–99)	88 (60–128)	86 (60–121)	85 (57–125)	76 (50–111)	79 (51–119)
Cryptosporidiosis	36 (24–53)	43 (29–62)	46 (31–66)	38 (26–54)	33 (22–49)	26 (17–40)	26 (17–39)
Rotaviral enteritis	153 (102–230)	181 (124–257)	185 (127–263)	148 (102–209)	120 (79–175)	95 (64–138)	105 (69–157)
Other diarrheal diseases	557 (368–861)	711 (479–1,036)	796 (537–1,164)	724 (493–1,020)	680 (442–1,035)	577 (385–871)	596 (384–892)
Typhoid and paratyphoid fevers	1,308 (158–2,463)	1,155 (138–2,187)	883 (106–1,660)	644 (76–1,204)	478 (57–908)	353 (43–674)	250 (30–478)
Lower respiratory infections	1,623 (1,312–1,954)	2,072 (1,675–2,466)	2,212 (1,727–2,659)	2,082 (1,635–2,529)	2,059 (1,658–2,520)	1,961 (1,527–2,420)	2,213 (1,770–2,704)
Influenza	328 (264–397)	440 (358–525)	492 (385–591)	484 (381–588)	500 (406–610)	483 (374–595)	528 (421–646)
Pneumococcal pneumonia	341 (273–406)	494 (401–585)	580 (454–692)	582 (455–707)	613 (492–739)	609 (476–736)	690 (557–832)
H influenzae type B pneumonia	291 (238–353)	367 (300–440)	385 (301–462)	355 (278–435)	348 (281–427)	322 (252–400)	338 (271–410)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
Respiratory syncytial virus pneumonia	16 (13–20)	21 (17–25)	22 (17–27)	21 (16–25)	21 (17–25)	20 (15–24)	22 (18–27)
Other lower respiratory infections	647 (511–800)	749 (597–902)	733 (573–889)	641 (500–796)	578 (453–728)	527 (402–665)	636 (499–797)
Upper respiratory infections	2 (2–3)	3 (2–3)	3 (2–4)	3 (3–5)	2 (2–3)	2 (2–2)	2 (2–3)
Otitis media	5 (0–58)	3 (0–39)	3 (0–32)	3 (0–35)	3 (0–31)	3 (0–29)	3 (0–36)
Meningitis	897 (743–1,066)	979 (740–1,206)	836 (622–1,070)	692 (509–897)	598 (458–780)	497 (366–655)	467 (345–605)
Pneumococcal meningitis	326 (268–396)	378 (273–483)	328 (239–422)	268 (192–356)	225 (166–307)	181 (127–244)	165 (120–221)
H influenzae type B meningitis	136 (111–167)	78 (56–104)	32 (23–43)	30 (21–43)	30 (21–42)	28 (19–39)	28 (20–39)
Meningococcal infection	214 (178–253)	233 (172–287)	204 (147–259)	156 (115–198)	130 (96–165)	101 (73–130)	92 (68–114)
Other meningitis	222 (186–267)	290 (216–368)	272 (201–340)	238 (172–308)	214 (160–283)	187 (134–245)	182 (133–234)
Encephalitis	295 (211–420)	365 (227–550)	293 (187–469)	256 (165–413)	214 (139–345)	189 (116–308)	173 (109–272)
Diphtheria	2 (0–21)	2 (0–14)	1 (0–11)	1 (0–8)	1 (0–8)	1 (0–6)	1 (0–8)
Whooping cough	10 (0–49)	8 (0–38)	7 (0–37)	7 (0–33)	6 (0–28)	6 (0–30)	6 (0–29)
Tetanus	37 (0–154)	36 (0–150)	35 (0–148)	36 (0–158)	38 (0–160)	38 (0–159)	41 (0–171)
Measles	112 (37–259)	59 (20–137)	27 (9–62)	14 (5–32)	8 (3–19)	6 (3–13)	4 (2–8)
Varicella	8 (0–52)	8 (0–53)	9 (0–61)	11 (0–73)	8 (0–56)	6 (0–37)	5 (0–33)
Neglected tropical diseases and malaria	2,775 (2,052–3,615)	3,304 (2,393–4,565)	2,694 (1,896–3,951)	2,071 (1,384–3,204)	1,683 (1,144–2,495)	1,543 (1,044–2,275)	1,379 (955–2,067)
Malaria	2,261 (1,586–3,113)	2,816 (1,910–4,045)	2,278 (1,489–3,550)	1,724 (1,055–2,858)	1,353 (797–2,178)	1,233 (752–1,928)	1,086 (670–1,761)
Chagas disease	2 (0–10)	3 (1–12)	5 (1–23)	9 (2–36)	13 (4–40)	18 (5–65)	26 (8–92)
Leishmaniasis	244 (145–384)	213 (135–317)	164 (101–247)	129 (80–200)	115 (71–175)	102 (63–157)	87 (54–130)
African trypanosomiasis	82 (10–261)	82 (10–262)	65 (8–203)	48 (6–153)	32 (4–103)	22 (2–72)	17 (2–55)
Schistosomiasis	7 (0–44)	10 (0–59)	11 (0–67)	12 (0–71)	20 (0–115)	29 (0–163)	34 (0–204)
Cysticercosis	3 (0–12)	5 (0–18)	6 (0–22)	5 (0–20)	4 (0–16)	4 (0–15)	4 (0–14)
Echinococcosis	1 (0–5)	2 (0–7)	2 (0–7)	2 (0–8)	2 (0–9)	3 (0–10)	3 (0–12)
Dengue	49 (19–92)	41 (15–88)	39 (14–73)	35 (13–77)	35 (13–86)	26 (10–53)	25 (10–55)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	Both Sexes, 15-19 Years	Both Sexes, 20-24 Years	Both Sexes, 25-29 Years	Both Sexes, 30-34 Years	Both Sexes, 35-39 Years	Both Sexes, 40-44 Years	Both Sexes, 45-49 Years
Rabies	86 (42–176)	84 (43–159)	76 (40–146)	62 (31–124)	58 (30–114)	58 (29–105)	49 (24–86)
Intestinal nematode infections	3 (0–12)	2 (0–9)	1 (0–6)	1 (0–7)	1 (0–5)	1 (0–5)	1 (0–3)
Ascariasis	3 (0–12)	2 (0–9)	1 (0–6)	1 (0–7)	1 (0–5)	1 (0–5)	1 (0–3)
Other neglected tropical diseases	37 (23–67)	48 (30–83)	47 (29–83)	43 (28–76)	49 (31–89)	48 (28–92)	47 (29–90)
Maternal disorders	1,672 (1,197–2,189)	3,529 (2,789–4,349)	3,161 (2,440–3,864)	2,470 (1,895–3,036)	1,970 (1,492–2,581)	1,025 (792–1,308)	486 (357–644)
Maternal hemorrhage	274 (197–343)	644 (502–785)	692 (531–831)	622 (479–752)	523 (395–672)	290 (227–370)	147 (107–193)
Maternal sepsis	190 (131–261)	380 (301–487)	284 (218–360)	185 (140–241)	139 (101–192)	64 (48–87)	25 (18–35)
Hypertensive disorders of pregnancy	450 (311–607)	709 (556–900)	575 (438–718)	411 (309–526)	331 (246–451)	161 (122–214)	68 (49–94)
Obstructed labor	56 (35–88)	170 (124–235)	132 (95–180)	95 (67–137)	92 (61–141)	47 (31–71)	18 (11–29)
Abortion	254 (175–351)	553 (442–709)	473 (363–597)	359 (272–469)	276 (202–384)	134 (100–183)	57 (41–79)
Other maternal disorders	449 (327–541)	1,074 (837–1,280)	1,005 (770–1,189)	799 (619–946)	609 (463–753)	329 (257–414)	170 (125–223)
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	862 (606–1,268)	1,041 (730–1,500)	900 (666–1,214)	794 (564–1,118)	752 (552–1,078)	655 (475–967)	611 (438–866)
Protein-energy malnutrition	664 (453–1,008)	782 (539–1,168)	676 (494–953)	621 (441–881)	617 (426–916)	548 (371–839)	514 (361–743)
Iodine deficiency	13 (9–16)	28 (20–38)	23 (17–30)	12 (9–16)	6 (4–7)	4 (3–5)	3 (2–4)
Iron-deficiency anemia	178 (130–247)	223 (162–300)	193 (144–258)	152 (111–203)	118 (86–153)	90 (65–117)	81 (58–101)
Other nutritional deficiencies	8 (6–11)	9 (6–12)	9 (6–11)	9 (6–11)	11 (8–14)	13 (9–17)	13 (9–17)
Other communicable, maternal, neonatal, and nutritional disorders	1,011 (748–1,472)	1,254 (958–1,725)	1,193 (928–1,634)	1,135 (893–1,527)	1,169 (893–1,567)	1,249 (970–1,697)	1,307 (978–1,862)
Sexually transmitted diseases excluding HIV	30 (22–47)	40 (29–66)	43 (31–74)	40 (29–66)	35 (27–54)	30 (23–46)	27 (21–41)
Syphilis	12 (8–23)	16 (10–34)	17 (11–35)	17 (10–35)	15 (10–30)	13 (9–25)	11 (8–20)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
Sexually transmitted chlamydial diseases	4 (3–7)	6 (4–10)	6 (4–10)	5 (4–9)	5 (3–7)	4 (3–6)	4 (2–6)
Gonococcal infection	3 (2–5)	4 (3–7)	5 (3–8)	4 (3–7)	4 (2–5)	3 (2–4)	3 (2–4)
Other sexually transmitted diseases	11 (7–17)	14 (10–25)	15 (10–27)	14 (9–24)	12 (8–19)	10 (6–15)	9 (6–14)
Hepatitis	649 (400–1,077)	813 (544–1,294)	727 (497–1,135)	671 (475–1,010)	740 (511–1,122)	857 (607–1,278)	910 (611–1,451)
Acute hepatitis A	75 (28–196)	108 (41–285)	125 (48–319)	160 (61–427)	219 (86–594)	288 (110–750)	304 (109–783)
Acute hepatitis B	59 (33–97)	108 (62–172)	135 (77–242)	175 (99–286)	264 (157–441)	404 (250–627)	517 (287–912)
Acute hepatitis C	5 (3–10)	10 (5–18)	16 (9–30)	25 (14–45)	41 (23–70)	54 (30–107)	62 (37–102)
Acute hepatitis E	509 (177–1,160)	587 (245–1,166)	450 (182–982)	311 (127–629)	217 (88–440)	111 (38–245)	26 (6–74)
Other infectious diseases	331 (242–472)	401 (293–545)	423 (281–563)	424 (273–560)	394 (254–528)	362 (236–496)	370 (240–522)
Non-communicable diseases	11,204 (10,192–12,147)	14,790 (13,443–15,862)	16,116 (14,914–17,209)	18,828 (17,461–20,052)	25,669 (23,854–27,307)	35,813 (33,669–37,895)	47,320 (44,317–49,862)
Neoplasms	2,679 (2,221–3,063)	3,093 (2,572–3,529)	3,473 (2,982–3,887)	4,624 (4,088–5,037)	7,271 (6,626–7,957)	11,261 (10,314–12,237)	15,631 (14,457–16,791)
Esophageal cancer	11 (6–22)	25 (17–40)	42 (28–62)	72 (48–103)	176 (122–249)	423 (291–633)	742 (514–1,010)
Stomach cancer	69 (27–129)	137 (75–211)	222 (146–299)	358 (249–474)	587 (426–802)	949 (710–1,292)	1,287 (958–1,721)
Liver cancer	129 (90–195)	236 (163–343)	364 (267–528)	554 (410–767)	1,029 (755–1,449)	1,566 (1,182–2,247)	2,001 (1,576–2,698)
Liver cancer secondary to hepatitis B	53 (36–83)	105 (69–155)	167 (118–248)	259 (187–366)	496 (355–720)	767 (555–1,127)	970 (744–1,359)
Liver cancer secondary to hepatitis C	6 (5–9)	11 (8–16)	18 (13–25)	26 (20–36)	67 (50–90)	169 (130–235)	307 (250–401)
Liver cancer secondary to alcohol use	7 (5–10)	33 (22–49)	71 (51–106)	128 (95–182)	246 (180–342)	352 (265–492)	426 (336–579)
Other liver cancer	63 (44–95)	87 (61–123)	109 (81–155)	141 (107–194)	220 (163–310)	277 (211–387)	298 (240–383)
Larynx cancer	5 (2–11)	9 (5–18)	10 (5–18)	21 (10–40)	46 (23–79)	127 (66–215)	232 (118–407)
Trachea, bronchus and lung cancers	52 (34–68)	113 (71–150)	174 (116–227)	314 (223–398)	626 (456–822)	1,340 (1,033–1,663)	2,309 (1,792–2,927)
Breast cancer	13 (11–16)	46 (37–58)	138 (116–164)	369 (329–416)	763 (695–833)	1,147 (1,058–1,240)	1,506 (1,416–1,615)
Cervical cancer	12 (7–19)	46 (28–68)	124 (77–176)	258 (151–356)	483 (285–652)	716 (420–975)	933 (555–1,281)
Uterine cancer	6 (3–10)	7 (3–12)	11 (5–17)	18 (7–26)	36 (14–54)	64 (26–94)	89 (41–128)
Prostate cancer	5 (2–9)	6 (3–12)	5 (2–8)	6 (3–10)	8 (4–13)	15 (8–25)	37 (18–57)

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Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
Colon and rectum cancers	59 (45–71)	146 (112–177)	226 (185–269)	311 (264–368)	464 (396–579)	676 (592–830)	993 (867–1,197)
Mouth cancer	24 (15–41)	38 (24–60)	63 (40–94)	96 (64–135)	149 (108–195)	243 (190–302)	362 (299–440)
Nasopharynx cancer	44 (24–78)	52 (29–91)	58 (30–111)	75 (43–132)	152 (85–250)	236 (134–395)	269 (161–429)
Cancer of other part of pharynx and oropharynx	21 (11–44)	27 (13–59)	43 (20–94)	70 (32–168)	102 (54–175)	191 (105–295)	291 (156–407)
Gallbladder and biliary tract cancer	20 (4–66)	34 (7–113)	43 (9–178)	60 (17–176)	91 (45–166)	154 (79–248)	214 (119–320)
Pancreatic cancer	18 (7–49)	27 (13–52)	39 (22–62)	67 (43–99)	134 (93–177)	252 (184–328)	440 (318–579)
Malignant melanoma of skin	12 (7–20)	22 (14–37)	32 (20–49)	45 (29–71)	64 (43–102)	88 (56–138)	112 (73–172)
Non-melanoma skin cancer	8 (4–12)	12 (6–16)	16 (8–23)	19 (10–28)	23 (12–35)	30 (16–47)	38 (21–60)
Ovarian cancer	59 (37–86)	70 (44–96)	77 (51–106)	107 (68–140)	187 (119–240)	316 (203–400)	494 (344–650)
Testicular cancer	23 (12–33)	47 (28–69)	48 (28–67)	39 (24–56)	32 (19–46)	25 (16–37)	21 (13–30)
Kidney and other urinary organ cancers	31 (14–91)	36 (19–70)	35 (20–60)	43 (27–70)	86 (53–124)	157 (106–223)	264 (191–372)
Bladder cancer	11 (8–13)	16 (12–20)	19 (15–24)	32 (24–41)	50 (39–64)	84 (66–105)	137 (104–163)
Brain and nervous system cancers	201 (105–277)	209 (115–278)	226 (131–309)	277 (162–359)	367 (225–507)	449 (272–619)	553 (330–748)
Thyroid cancer	12 (7–20)	15 (9–25)	14 (9–20)	20 (14–28)	28 (19–40)	42 (29–61)	60 (42–80)
Hodgkin's disease	37 (23–56)	54 (35–79)	59 (37–85)	52 (34–77)	45 (29–66)	42 (28–64)	46 (30–71)
Non-Hodgkin's lymphoma	288 (202–391)	285 (207–370)	238 (181–294)	248 (186–310)	254 (195–301)	332 (251–395)	381 (308–442)
Multiple myeloma	18 (7–44)	16 (7–36)	14 (7–29)	15 (8–24)	31 (16–51)	55 (32–83)	87 (56–127)
Leukemia	785 (599–959)	697 (512–860)	545 (410–665)	459 (348–577)	503 (377–634)	519 (394–656)	514 (400–628)
Other neoplasms	705 (461–952)	664 (431–892)	589 (373–803)	621 (408–842)	756 (508–1,014)	1,023 (688–1,368)	1,218 (838–1,611)
Cardiovascular and circulatory diseases	2,331 (1,978–2,631)	3,576 (3,123–4,030)	4,223 (3,741–4,688)	5,390 (4,762–5,998)	7,815 (6,889–8,611)	12,002 (10,588–13,063)	16,424 (14,743–17,790)
Rheumatic heart disease	329 (267–413)	408 (332–509)	483 (392–600)	512 (414–635)	583 (482–720)	656 (528–804)	709 (574–882)
Ischemic heart disease	701 (542–898)	1,245 (1,023–1,525)	1,541 (1,297–1,836)	2,243 (1,901–2,667)	3,378 (2,858–3,938)	5,578 (4,748–6,442)	7,697 (6,648–8,648)
Cerebrovascular disease	606 (467–732)	969 (755–1,154)	1,098 (862–1,294)	1,408 (1,137–1,617)	2,166 (1,750–2,442)	3,525 (2,879–3,979)	5,194 (4,280–5,797)
Ischemic stroke	86 (71–99)	143 (115–175)	170 (140–203)	223 (188–260)	292 (252–342)	499 (439–604)	846 (745–1,047)

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Hemorrhagic and other non-ischemic stroke	521 (371–670)	826 (634–1,010)	927 (724–1,139)	1,185 (956–1,425)	1,874 (1,499–2,235)	3,026 (2,460–3,556)	4,348 (3,612–5,069)
Hypertensive heart disease	89 (67–114)	146 (109–181)	185 (144–233)	241 (190–305)	393 (302–495)	620 (494–765)	882 (711–1,095)
Cardiomyopathy and myocarditis	264 (205–341)	338 (270–423)	399 (323–488)	434 (361–528)	545 (455–663)	744 (601–941)	855 (718–1,027)
Atrial fibrillation and flutter	–	–	–	9 (6–14)	12 (8–18)	18 (12–27)	30 (20–45)
Aortic aneurysm	23 (13–36)	32 (20–53)	38 (25–56)	50 (33–80)	75 (50–116)	115 (76–183)	159 (105–241)
Peripheral vascular disease	–	–	–	–	–	14 (8–25)	20 (11–35)
Endocarditis	47 (35–62)	70 (51–92)	90 (56–138)	74 (50–103)	91 (57–132)	103 (65–155)	91 (68–118)
Other cardiovascular and circulatory diseases	272 (236–312)	368 (318–421)	390 (343–439)	419 (369–468)	571 (498–642)	629 (573–695)	787 (709–871)
Chronic respiratory diseases	668 (571–805)	905 (779–1,076)	1,037 (904–1,203)	1,047 (910–1,232)	1,400 (1,183–1,696)	1,794 (1,524–2,142)	2,594 (2,244–3,065)
Chronic obstructive pulmonary disease	232 (159–350)	331 (238–470)	389 (281–568)	428 (314–602)	634 (462–883)	938 (711–1,245)	1,520 (1,176–1,983)
Pneumoconiosis	18 (8–36)	26 (11–53)	31 (14–61)	38 (18–71)	54 (26–99)	66 (34–121)	91 (47–158)
Asthma	238 (165–395)	286 (201–469)	327 (233–535)	306 (226–492)	378 (266–652)	424 (303–688)	556 (399–908)
Other interstitial lung disease	23 (14–36)	29 (19–44)	37 (22–54)	39 (25–58)	57 (36–84)	73 (48–113)	105 (70–160)
Other chronic respiratory diseases	157 (116–226)	233 (158–327)	253 (187–372)	236 (173–327)	277 (202–389)	294 (211–411)	322 (237–442)
Cirrhosis of the liver	298 (229–401)	567 (443–720)	944 (748–1,148)	1,579 (1,243–1,951)	2,305 (1,801–2,872)	3,124 (2,499–3,794)	3,731 (2,918–4,428)
Cirrhosis of the liver secondary to hepatitis B	78 (61–107)	149 (117–195)	236 (191–304)	383 (311–494)	583 (469–750)	851 (685–1,079)	1,057 (845–1,339)
Cirrhosis of the liver secondary to hepatitis C	44 (34–60)	84 (67–107)	139 (112–173)	228 (188–281)	360 (295–445)	590 (483–704)	826 (661–984)
Cirrhosis of the liver secondary to alcohol use	18 (14–26)	100 (78–139)	252 (196–326)	531 (418–698)	820 (620–1,063)	1,059 (814–1,321)	1,214 (897–1,503)
Other cirrhosis of the liver	158 (124–216)	234 (188–303)	317 (257–395)	436 (360–541)	541 (445–675)	624 (509–768)	634 (506–762)
Digestive diseases (except cirrhosis)	762 (620–965)	1,129 (918–1,362)	1,145 (954–1,372)	1,325 (1,081–1,593)	1,513 (1,257–1,860)	1,706 (1,394–2,089)	1,908 (1,580–2,282)
Peptic ulcer disease	223 (140–360)	320 (218–455)	311 (219–432)	377 (273–529)	438 (323–612)	487 (366–688)	544 (408–729)
Gastritis and duodenitis	9 (6–15)	17 (9–25)	16 (10–23)	19 (12–27)	21 (14–33)	22 (15–32)	24 (17–36)
Appendicitis	57 (35–91)	66 (40–105)	64 (37–102)	61 (34–95)	57 (33–85)	54 (31–80)	54 (30–78)
Paralytic ileus and intestinal obstruction without hernia	112 (79–161)	156 (106–221)	148 (99–207)	169 (117–242)	191 (127–290)	199 (136–290)	214 (147–321)

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Inguinal or femoral hernia	6 (6–7)	8 (8–9)	8 (8–9)	10 (10–10)	12 (12–12)	14 (13–14)	19 (18–19)
Noninfective inflammatory bowel disease	33 (19–52)	54 (31–79)	51 (31–66)	50 (32–66)	46 (33–60)	44 (34–57)	46 (35–61)
Vascular disorders of intestine	9 (3–19)	12 (4–25)	15 (5–39)	17 (7–41)	20 (9–49)	32 (13–83)	50 (21–128)
Gall bladder and bile duct disease	40 (29–57)	61 (45–83)	62 (46–87)	69 (52–92)	81 (60–114)	95 (71–129)	105 (81–141)
Pancreatitis	44 (29–63)	90 (64–122)	138 (95–192)	171 (122–239)	196 (142–265)	207 (154–281)	216 (162–285)
Other digestive diseases	229 (147–362)	345 (239–524)	332 (237–500)	382 (270–567)	452 (317–668)	552 (384–817)	636 (465–935)
Neurological disorders	1,681 (1,246–2,273)	1,839 (1,398–2,363)	1,530 (1,161–2,018)	1,383 (1,022–1,946)	1,361 (1,022–1,920)	1,395 (1,049–1,937)	1,512 (1,101–2,105)
Alzheimer's disease and other dementias	40 (29–55)	41 (29–61)	34 (24–47)	37 (26–51)	49 (33–69)	58 (41–79)	75 (52–116)
Parkinson's disease	–	17 (11–25)	15 (9–22)	12 (8–17)	13 (10–19)	17 (12–23)	22 (16–29)
Epilepsy	726 (501–908)	900 (631–1,114)	765 (528–963)	600 (430–737)	522 (375–638)	440 (322–526)	368 (250–457)
Multiple sclerosis	–	14 (10–22)	28 (19–39)	34 (25–50)	51 (37–72)	60 (47–80)	78 (60–102)
Other neurological disorders	916 (581–1,474)	866 (546–1,374)	688 (424–1,129)	699 (418–1,234)	726 (445–1,247)	820 (500–1,344)	969 (592–1,558)
Mental and behavioral disorders	232 (151–331)	551 (344–828)	794 (530–1,169)	814 (560–1,177)	880 (632–1,301)	984 (694–1,442)	1,022 (681–1,531)
Schizophrenia	–	–	55 (40–78)	58 (43–82)	80 (58–117)	87 (64–122)	73 (52–100)
Alcohol use disorders	32 (15–51)	84 (40–136)	170 (81–293)	273 (130–468)	399 (206–671)	525 (286–866)	632 (336–1,071)
Drug use disorders	170 (101–266)	428 (233–711)	528 (286–882)	446 (253–719)	362 (190–631)	337 (180–606)	279 (146–478)
Opioid use disorders	93 (55–143)	239 (132–384)	299 (166–507)	251 (145–410)	203 (108–359)	190 (101–327)	160 (82–274)
Cocaine use disorders	1 (0–1)	3 (1–3)	3 (1–4)	3 (1–3)	2 (1–3)	3 (1–3)	2 (1–2)
Amphetamine use disorders	1 (0–1)	3* (1–2)	3 (1–3)	3* (1–2)	2 (1–2)	2 (0–2)	2* (0–1)
Other drug use disorders	75 (47–121)	184 (107–303)	223 (128–381)	189 (110–316)	154 (83–262)	143 (81–250)	115 (62–199)
Eating disorders	19 (10–26)	26 (16–37)	24 (14–35)	20 (12–31)	18 (10–26)	13 (8–19)	11 (6–16)
Other mental and behavioral disorders	11 (6–15)	13 (8–20)	17 (9–26)	17 (9–26)	21 (11–32)	22 (12–35)	27 (15–40)
Diabetes, urogenital, blood, and endocrine diseases	1,669 (1,382–2,087)	2,204 (1,848–2,616)	2,138 (1,845–2,585)	2,120 (1,832–2,501)	2,519 (2,192–2,977)	2,937 (2,599–3,436)	3,871 (3,372–4,436)
Diabetes mellitus	240 (178–310)	394 (281–512)	465 (383–555)	553 (460–655)	785 (632–936)	1,111 (905–1,279)	1,723 (1,357–1,944)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
Acute glomerulonephritis	216 (78–608)	201 (86–509)	190 (70–548)	172 (70–472)	180 (67–573)	183 (62–555)	173 (65–484)
Chronic kidney diseases	454 (364–548)	712 (579–853)	660 (549–763)	679 (572–803)	865 (705–1,018)	946 (796–1,096)	1,196 (989–1,382)
Chronic kidney disease due to diabetes mellitus	1 (0–1)	31 (24–38)	56 (46–68)	83 (69–100)	137 (110–165)	184 (152–218)	286 (232–336)
Chronic kidney disease due to hypertension	74 (59–91)	127 (101–153)	127 (105–149)	144 (121–172)	197 (163–233)	234 (194–271)	287 (238–333)
Chronic kidney disease unspecified	380 (305–461)	554 (446–669)	476 (399–552)	452 (379–534)	530 (434–632)	528 (444–616)	623 (516–718)
Urinary diseases and male infertility	103 (73–131)	149 (110–196)	164 (119–216)	176 (127–227)	205 (142–264)	216 (159–285)	281 (206–366)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	52 (33–70)	72 (46–95)	78 (51–106)	84 (55–109)	96 (60–128)	108 (68–148)	147 (89–202)
Urolithiasis	7 (4–10)	11 (6–16)	13 (8–19)	15 (10–22)	22 (13–35)	25 (15–38)	28 (16–45)
Other urinary diseases	44 (30–60)	66 (45–92)	74 (51–105)	77 (53–107)	87 (58–122)	83 (57–117)	107 (74–147)
Gynecological diseases	12 (9–16)	16 (9–24)	19 (12–28)	21 (12–33)	26 (16–43)	28 (16–47)	21 (14–33)
Uterine fibroids	<0·5 (0–0·5)	1 (0–1)	1 (1–2)	3 (2–4)	3 (2–5)	4 (2–6)	4 (3–6)
Endometriosis	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Genital prolapse	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–1)
Other gynecological diseases	11 (8–15)	15 (9–23)	18 (11–25)	18 (11–28)	22 (13–37)	23 (13–42)	17 (11–27)
Hemoglobinopathies and hemolytic anemias	363 (259–491)	394 (262–554)	309 (208–433)	209 (149–288)	152 (106–226)	128 (92–189)	116 (84–169)
Thalassemias	141 (103–187)	129 (97–165)	98 (76–123)	71 (56–88)	55 (42–72)	48 (36–63)	38 (30–47)
Sickle cell disorders	119 (66–186)	109 (63–170)	91 (54–135)	64 (39–93)	44 (26–62)	32 (20–47)	28 (17–41)
G6PD deficiency	12 (9–16)	10 (7–14)	9 (7–11)	7 (5–8)	6 (4–7)	5 (4–7)	5 (4–6)
Other hemoglobinopathies and hemolytic anemias	91 (43–174)	145 (58–252)	112 (45–192)	67 (27–115)	48 (17–94)	43 (17–84)	45 (18–82)
Other endocrine, nutritional, blood, and immune disorders	281 (134–459)	337 (167–529)	331 (163–516)	309 (153–491)	306 (164–465)	325 (178–588)	361 (215–611)
Musculoskeletal disorders	198 (137–287)	274 (171–370)	235 (152–327)	202 (136–290)	218 (147–314)	235 (163–327)	246 (173–360)
Rheumatoid arthritis	29 (20–47)	41 (28–73)	35 (23–66)	36 (25–62)	41 (28–69)	54 (38–81)	60 (45–88)
Other musculoskeletal disorders	169 (130–229)	232 (173–324)	200 (152–271)	166 (123–233)	177 (131–247)	181 (138–260)	186 (145–269)
Other non-communicable diseases	687 (551–854)	653 (525–818)	597 (464–725)	344 (277–409)	388 (301–468)	374 (292–454)	381 (295–459)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	Both Sexes, 15-19 Years	Both Sexes, 20-24 Years	Both Sexes, 25-29 Years	Both Sexes, 30-34 Years	Both Sexes, 35-39 Years	Both Sexes, 40-44 Years	Both Sexes, 45-49 Years
Congenital anomalies	581 (451–743)	528 (403–686)	466 (350–593)	215 (163–269)	226 (172–280)	203 (155–252)	221 (165–276)
Neural tube defects	45 (22–99)	35 (19–62)	39 (17–80)	15 (8–28)	18 (9–33)	17 (7–34)	15 (6–29)
Congenital heart anomalies	357 (281–458)	325 (252–430)	274 (206–378)	122 (96–153)	119 (95–153)	95 (76–118)	95 (73–120)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	26 (16–41)	30 (17–47)	31 (19–48)	17 (11–26)	18 (13–26)	19 (13–29)	26 (18–39)
Other chromosomal abnormalities	13 (7–22)	15 (7–26)	13 (6–26)	6 (3–9)	5 (3–8)	5 (3–9)	5 (3–9)
Other congenital anomalies	139 (90–213)	124 (78–177)	109 (71–159)	55 (37–72)	66 (45–103)	67 (45–104)	80 (55–128)
Skin and subcutaneous diseases	106 (75–141)	125 (91–158)	131 (91–173)	129 (90–166)	162 (109–222)	171 (114–237)	160 (106–219)
Cellulitis	34 (24–45)	39 (29–50)	41 (29–55)	43 (31–57)	57 (39–79)	58 (39–80)	56 (38–76)
Abscess, impetigo, and other bacterial skin diseases	47 (33–62)	55 (40–69)	55 (39–72)	55 (39–71)	67 (46–93)	72 (48–99)	64 (44–87)
Decubitus ulcer	24 (17–32)	30 (22–38)	34 (24–45)	30 (21–39)	37 (25–52)	40 (27–56)	38 (26–52)
Other skin and subcutaneous diseases	1 (1–1)	1 (0–1)	1 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	22,803 (20,047–26,222)	29,911 (26,319–33,422)	25,323 (22,398–28,328)	19,733 (17,542–22,316)	17,475 (15,159–20,197)	15,072 (13,171–17,258)	12,743 (11,100–14,548)
Transport injuries	6,859 (5,403–8,670)	9,431 (7,234–11,848)	7,863 (6,007–10,493)	5,804 (4,476–7,978)	5,312 (3,964–7,563)	4,542 (3,482–6,298)	3,838 (2,932–5,551)
Road injury	6,535 (5,130–8,242)	8,934 (6,822–11,262)	7,464 (5,802–9,780)	5,488 (4,107–7,380)	5,062 (3,846–6,991)	4,326 (3,173–6,075)	3,661 (2,656–5,154)
Pedestrian injury by road vehicle	1,905 (1,332–2,830)	2,536 (1,747–3,612)	2,223 (1,525–3,467)	1,729 (1,163–2,730)	1,673 (1,084–2,634)	1,496 (967–2,384)	1,251 (856–1,979)
Pedal cycle vehicle	426 (294–595)	473 (305–683)	405 (265–600)	296 (194–452)	262 (178–384)	221 (153–317)	214 (145–316)
Motorized vehicle with two wheels	1,289 (943–1,734)	1,872 (1,300–2,468)	1,514 (1,069–1,978)	1,024 (750–1,332)	916 (642–1,284)	715 (500–1,018)	595 (414–876)
Motorized vehicle with three or more wheels	2,455 (1,884–3,000)	3,488 (2,598–4,342)	2,808 (2,115–3,606)	2,037 (1,497–2,607)	1,837 (1,358–2,484)	1,537 (1,155–2,043)	1,309 (990–1,700)
Road injury other	460 (213–1,000)	565 (256–1,314)	513 (241–1,207)	403 (173–1,008)	374 (134–1,005)	357 (116–1,033)	292 (98–833)
Other transport injury	324 (248–449)	497 (343–675)	399 (299–576)	316 (233–430)	250 (186–343)	215 (159–326)	177 (136–246)
Unintentional injuries other than transport injuries	7,210 (6,226–8,764)	8,828 (7,673–10,351)	7,456 (6,339–8,663)	6,269 (5,299–7,358)	5,802 (4,813–6,825)	5,165 (4,302–6,123)	4,408 (3,695–5,094)
Falls	733 (509–1,022)	1,089 (743–1,558)	972 (659–1,307)	899 (611–1,247)	968 (635–1,319)	987 (654–1,384)	959 (648–1,308)

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Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
Drowning	2,071 (1,678–2,747)	1,828 (1,486–2,390)	1,296 (1,057–1,750)	983 (786–1,387)	868 (689–1,174)	762 (601–1,034)	617 (494–840)
Fire, heat and hot substances	1,606 (873–3,108)	1,879 (1,131–3,328)	1,603 (921–2,606)	1,324 (766–2,315)	1,048 (566–1,860)	851 (497–1,487)	604 (353–1,000)
Poisonings	638 (445–854)	961 (668–1,329)	877 (598–1,248)	768 (525–1,074)	755 (473–1,098)	693 (434–991)	554 (366–743)
Exposure to mechanical forces	888 (613–1,230)	1,295 (852–1,723)	1,167 (804–1,533)	986 (646–1,362)	896 (576–1,297)	731 (471–1,015)	635 (403–854)
Mechanical forces (firearm)	490 (305–795)	666 (395–1,025)	511 (307–786)	412 (256–651)	346 (196–634)	249 (155–402)	189 (112–322)
Mechanical forces (other)	398 (201–654)	629 (350–919)	656 (368–942)	574 (333–855)	550 (323–850)	482 (287–686)	447 (264–622)
Adverse effects of medical treatment	140 (97–191)	192 (137–267)	174 (125–242)	145 (104–196)	143 (102–193)	133 (94–177)	142 (105–179)
Animal contact	236 (130–411)	270 (154–458)	203 (110–363)	166 (96–285)	161 (89–273)	133 (80–216)	134 (75–227)
Animal contact (venomous)	182 (86–381)	209 (100–401)	153 (68–313)	125 (57–248)	123 (59–241)	103 (54–198)	104 (47–231)
Animal contact (non-venomous)	53 (28–86)	60 (33–95)	49 (26–78)	41 (21–66)	38 (21–60)	30 (18–48)	30 (16–48)
Unintentional injuries not classified elsewhere	899 (701–1,153)	1,315 (1,030–1,708)	1,164 (941–1,485)	998 (804–1,259)	963 (749–1,215)	875 (686–1,072)	763 (591–966)
Self-harm and interpersonal violence	7,192 (5,637–8,944)	10,121 (7,964–12,246)	8,642 (6,933–10,459)	6,659 (5,379–8,056)	5,577 (4,513–7,018)	4,684 (3,765–5,900)	3,909 (3,073–4,982)
Self-harm	4,348 (3,008–6,065)	5,450 (3,752–7,388)	4,434 (3,153–5,816)	3,570 (2,586–4,715)	3,350 (2,324–4,348)	3,119 (2,315–4,245)	2,759 (1,974–3,701)
Interpersonal violence	2,843 (2,136–3,470)	4,670 (3,487–5,908)	4,209 (3,173–5,541)	3,089 (2,254–4,170)	2,226 (1,655–3,073)	1,565 (1,161–2,179)	1,150 (859–1,740)
Assault by firearm	1,447 (1,056–1,800)	2,235 (1,767–2,685)	1,985 (1,535–2,472)	1,438 (1,072–1,836)	1,014 (771–1,356)	703 (509–961)	474 (351–674)
Assault by sharp object	735 (451–1,018)	1,353 (835–1,969)	1,243 (766–1,878)	934 (603–1,462)	648 (419–1,001)	445 (297–744)	342 (213–560)
Assault by other means	662 (485–861)	1,083 (810–1,410)	981 (715–1,310)	718 (521–984)	565 (417–770)	417 (300–582)	334 (242–470)
Forces of nature, war, and legal intervention	1,542 (674–3,959)	1,531 (715–3,622)	1,361 (651–3,104)	1,001 (494–2,195)	786 (410–1,620)	682 (368–1,354)	589 (332–1,108)
Exposure to forces of nature	1,463 (620–3,814)	1,443 (650–3,462)	1,285 (593–2,959)	934 (445–2,068)	724 (365–1,505)	628 (330–1,253)	540 (298–1,023)
Collective violence and legal intervention	79 (51–140)	88 (57–159)	76 (49–137)	67 (43–119)	62 (40–108)	54 (35–94)	48 (31–84)

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Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
All causes	85,888 (80,847–90,871)	94,486 (88,838–99,211)	91,519 (86,521–95,683)	85,495 (81,026–88,884)	85,491 (81,335–88,519)	69,315 (66,530–71,326)	79,776 (77,490–81,121)
Communicable, maternal, neonatal, and nutritional disorders	14,073 (12,315–16,142)	12,214 (10,443–14,099)	10,858 (9,313–12,428)	9,736 (8,388–11,015)	8,827 (7,670–9,907)	6,772 (5,967–7,580)	8,291 (7,289–9,086)
HIV/AIDS and tuberculosis	6,241 (5,011–7,573)	4,398 (3,285–5,489)	3,260 (2,394–4,120)	2,516 (1,885–3,186)	1,800 (1,348–2,308)	1,048 (793–1,378)	583 (428–771)
Tuberculosis	3,358 (2,414–4,306)	3,081 (2,312–3,941)	2,720 (1,977–3,509)	2,324 (1,718–2,979)	1,750 (1,300–2,267)	1,048 (793–1,378)	583 (428–771)
HIV/AIDS	2,883 (2,268–3,713)	1,317 (728–1,940)	540 (213–1,070)	193 (72–400)	50 (28–95)	–	–
HIV disease resulting in mycobacterial infection	464 (358–630)	211 (104–329)	83 (25–181)	28 (7–65)	6 (2–14)	–	–
HIV disease resulting in other specified or unspecified diseases	2,419 (1,897–3,095)	1,106 (629–1,628)	457 (190–894)	165 (65–335)	45 (26–81)	–	–
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	4,549 (3,765–5,373)	4,696 (3,827–5,647)	4,826 (3,952–5,774)	4,809 (3,971–5,655)	5,036 (4,187–5,879)	4,332 (3,672–4,995)	6,445 (5,553–7,159)
Diarrheal diseases	1,238 (936–1,686)	1,345 (957–1,943)	1,554 (1,128–2,243)	1,424 (1,026–2,045)	1,421 (1,006–2,054)	979 (703–1,396)	975 (744–1,304)
Cholera	32 (21–49)	28 (17–46)	24 (15–38)	14 (8–22)	8 (4–15)	5 (3–8)	3 (2–6)
Other salmonella infections	84 (55–126)	81 (52–128)	82 (52–131)	67 (42–106)	62 (38–102)	45 (28–72)	52 (34–76)
Shigellosis	114 (77–166)	127 (81–199)	150 (96–243)	141 (89–220)	143 (91–233)	99 (63–161)	98 (64–148)
Enteropathogenic E coli infection	14 (9–21)	17 (10–27)	22 (13–37)	23 (13–39)	27 (16–47)	24 (15–38)	32 (21–50)
Enterotoxigenic E coli infection	150 (104–218)	158 (104–249)	176 (113–271)	156 (100–242)	152 (100–242)	101 (66–158)	95 (63–137)
Campylobacter enteritis	62 (39–94)	67 (41–114)	77 (45–127)	70 (41–117)	76 (45–129)	63 (37–104)	80 (50–124)
Amoebiasis	78 (50–116)	87 (55–145)	103 (63–165)	97 (59–155)	98 (60–165)	68 (40–112)	66 (40–103)
Cryptosporidiosis	24 (15–37)	26 (16–43)	30 (18–48)	27 (16–43)	26 (16–44)	18 (11–30)	17 (10–27)
Rotaviral enteritis	109 (69–160)	125 (80–208)	154 (93–247)	152 (94–247)	152 (95–253)	97 (60–156)	85 (56–127)
Other diarrheal diseases	571 (376–864)	628 (390–984)	735 (463–1,120)	678 (426–1,120)	677 (421–1,119)	459 (276–738)	446 (289–674)
Typhoid and paratyphoid fevers	173 (21–327)	115 (14–215)	64 (8–119)	47 (6–90)	44 (5–82)	29 (4–55)	19 (2–35)
Lower respiratory infections	2,400 (1,882–2,937)	2,606 (2,034–3,222)	2,727 (2,074–3,275)	2,924 (2,280–3,475)	3,245 (2,549–3,772)	3,080 (2,516–3,519)	5,287 (4,443–5,925)
Influenza	554 (435–680)	583 (451–724)	589 (447–713)	609 (474–730)	651 (512–761)	594 (485–681)	945 (791–1,061)
Pneumococcal pneumonia	755 (598–914)	832 (649–1,009)	886 (679–1,060)	971 (758–1,139)	1,086 (859–1,253)	1,050 (866–1,192)	1,912 (1,604–2,135)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
H influenzae type B pneumonia	339 (266–419)	341 (265–418)	322 (248–390)	312 (246–375)	311 (245–365)	263 (212–301)	344 (289–388)
Respiratory syncytial virus pneumonia	24 (19–29)	26 (20–32)	27 (21–33)	29 (23–35)	32 (25–38)	31 (25–35)	53 (44–59)
Other lower respiratory infections	729 (566–925)	824 (633–1,052)	903 (679–1,102)	1,003 (772–1,209)	1,163 (904–1,365)	1,142 (920–1,318)	2,032 (1,714–2,318)
Upper respiratory infections	2 (2–3)	3 (2–4)	4 (3–5)	4 (3–5)	3 (3–4)	3 (2–4)	4 (4–5)
Otitis media	4 (0–48)	3 (0–27)	2 (0–22)	2 (0–17)	1 (0–13)	1 (0–9)	1 (0–7)
Meningitis	491 (339–651)	410 (289–558)	339 (240–464)	291 (208–400)	228 (170–322)	169 (110–273)	108 (72–167)
Pneumococcal meningitis	169 (112–232)	137 (93–202)	109 (75–151)	90 (62–130)	66 (48–97)	46 (28–76)	24 (15–41)
H influenzae type B meningitis	33 (22–47)	31 (20–46)	28 (19–40)	26 (18–38)	22 (16–34)	18 (11–31)	13 (8–23)
Meningococcal infection	92 (63–119)	73 (51–97)	60 (41–78)	49 (34–64)	35 (26–47)	23 (15–35)	12 (8–17)
Other meningitis	197 (133–260)	169 (117–235)	142 (101–192)	126 (89–173)	104 (78–147)	81 (54–129)	59 (40–88)
Encephalitis	183 (101–297)	149 (83–253)	112 (65–188)	94 (53–157)	73 (42–126)	58 (30–117)	37 (20–67)
Diphtheria	1 (0–8)	1 (0–7)	–	–	–	–	–
Whooping cough	4 (0–21)	12 (0–60)	–	–	–	–	–
Tetanus	43 (0–177)	46 (1–191)	21 (0–87)	20 (0–81)	17 (0–67)	10 (0–41)	5 (0–21)
Measles	3 (2–6)	2 (1–5)	–	–	–	–	–
Varicella	5 (0–33)	4 (0–26)	4 (0–23)	3 (0–22)	3 (0–23)	4 (0–27)	8 (0–58)
Neglected tropical diseases and malaria	1,313 (900–1,970)	1,202 (801–1,836)	1,003 (706–1,457)	811 (568–1,203)	634 (434–945)	387 (259–607)	276 (184–420)
Malaria	1,052 (660–1,694)	957 (569–1,565)	811 (539–1,217)	662 (436–1,015)	514 (326–811)	307 (189–503)	218 (131–355)
Chagas disease	30 (10–104)	34 (11–101)	30 (12–99)	26 (8–79)	21 (8–59)	14 (5–41)	12 (5–32)
Leishmaniasis	70 (43–104)	54 (34–80)	35 (22–51)	24 (15–35)	18 (11–26)	10 (6–15)	6 (4–9)
African trypanosomiasis	12 (1–37)	6 (1–20)	3 (0–9)	1 (0–4)	<0·5 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)
Schistosomiasis	37 (0–218)	43 (0–254)	36 (0–210)	27 (0–163)	22 (0–137)	16 (0–96)	8 (0–45)
Cysticercosis	3 (0–12)	3 (0–11)	2 (0–9)	2 (0–6)	1 (0–4)	1 (0–2)	<0·5 (0–1)

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Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Echinococcosis	3 (0–10)	3 (0–13)	3 (0–10)	2 (0–9)	2 (0–9)	2 (0–6)	1 (0–5)
Dengue	18 (7–38)	16 (7–32)	14 (6–28)	11 (4–20)	8 (3–13)	6 (3–11)	8 (3–13)
Rabies	47 (22–89)	46 (20–90)	35 (16–67)	26 (12–50)	17 (8–32)	8 (4–15)	3 (1–6)
Intestinal nematode infections	1 (0–4)	1 (0–3)	1 (0–3)	<0·5 (0–2)	<0·5 (0–2)	<0·5 (0–2)	<0·5 (0–2)
Ascariasis	1 (0–4)	1 (0–3)	1 (0–3)	<0·5 (0–2)	<0·5 (0–2)	<0·5 (0–2)	<0·5 (0–2)
Other neglected tropical diseases	39 (24–66)	39 (23–64)	33 (18–54)	29 (15–53)	30 (16–51)	23 (10–42)	20 (9–45)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	568 (409–798)	610 (433–869)	679 (485–984)	655 (469–915)	658 (470–935)	540 (378–781)	700 (491–930)
Protein-energy malnutrition	483 (332–682)	519 (353–766)	584 (393–854)	559 (394–791)	565 (377–855)	460 (319–684)	566 (376–787)
Iodine deficiency	2 (2–3)	2 (2–3)	2 (2–3)	2 (2–3)	2 (2–3)	2 (2–3)	5 (3–6)
Iron-deficiency anemia	70 (51–87)	75 (54–93)	78 (54–99)	80 (57–99)	75 (53–95)	62 (45–77)	96 (64–113)
Other nutritional deficiencies	13 (9–16)	14 (10–18)	14 (10–18)	14 (10–16)	15 (11–19)	15 (11–18)	32 (20–38)

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Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Other communicable, maternal, neonatal, and nutritional disorders	1,402 (1,004–2,145)	1,309 (967–1,847)	1,090 (847–1,464)	946 (715–1,267)	699 (519–932)	465 (348–596)	288 (217–370)
Sexually transmitted diseases excluding HIV	22 (17–34)	16 (12–26)	16 (12–24)	11 (9–18)	11 (8–16)	9 (7–12)	7 (5–9)
Syphilis	11 (8–20)	10 (7–17)	10 (7–16)	7 (5–12)	6 (5–10)	5 (4–7)	3 (2–4)
Sexually transmitted chlamydial diseases	3 (2–4)	2 (1–3)	2 (1–3)	1 (1–2)	1 (1–2)	1 (1–1)	1 (1–1)
Gonococcal infection	2 (1–3)	1 (1–2)	1 (1–2)	1 (1–1)	1 (1–1)	1 (0–1)	1 (0–1)
Other sexually transmitted diseases	7 (5–11)	4 (3–7)	4 (2–6)	3 (2–4)	3 (2–4)	2 (1–3)	2 (1–3)
Hepatitis	998 (643–1,741)	907 (605–1,401)	675 (475–1,025)	513 (349–769)	362 (253–546)	196 (142–280)	88 (66–124)
Acute hepatitis A	352 (127–987)	322 (124–810)	246 (106–624)	197 (81–485)	131 (57–307)	72 (29–178)	34 (13–84)
Acute hepatitis B	559 (329–1,051)	518 (295–887)	378 (222–613)	278 (174–457)	200 (119–334)	107 (69–159)	47 (30–68)
Acute hepatitis C	69 (40–122)	55 (34–92)	46 (28–75)	35 (22–61)	30 (17–48)	16 (10–25)	7 (4–10)
Acute hepatitis E	19 (5–50)	12 (3–31)	6 (1–15)	3 (1–9)	2 (0–5)	1 (0–2)	<0·5 (0–1)
Other infectious diseases	382 (241–553)	385 (251–555)	399 (258–562)	421 (270–618)	325 (198–490)	261 (158–374)	193 (126–272)
Non-communicable diseases	61,045 (57,548–64,266)	73,715 (69,352–77,263)	74,589 (70,654–77,704)	71,386 (67,568–74,056)	73,145 (69,650–75,639)	60,034 (57,416–61,763)	68,796 (66,932–70,003)
Neoplasms	20,655 (19,065–22,218)	25,081 (22,924–26,989)	23,662 (21,567–25,222)	20,230 (18,646–21,570)	18,018 (16,409–19,211)	12,604 (11,395–13,410)	9,609 (8,703–10,189)
Esophageal cancer	1,191 (804–1,517)	1,552 (1,031–1,974)	1,486 (993–1,966)	1,210 (842–1,569)	968 (680–1,237)	602 (429–768)	367 (266–465)
Stomach cancer	1,756 (1,283–2,318)	2,314 (1,582–3,037)	2,272 (1,577–2,945)	2,057 (1,534–2,719)	1,914 (1,428–2,566)	1,319 (978–1,738)	942 (698–1,264)
Liver cancer	2,459 (1,968–3,084)	2,943 (2,367–3,764)	2,439 (1,953–2,943)	1,931 (1,582–2,269)	1,559 (1,248–1,842)	1,015 (806–1,168)	611 (464–700)
Liver cancer secondary to hepatitis B	1,185 (910–1,520)	1,424 (1,120–1,882)	1,157 (915–1,438)	896 (729–1,064)	692 (544–826)	429 (333–505)	234 (170–279)
Liver cancer secondary to hepatitis C	481 (385–597)	689 (565–849)	679 (559–812)	596 (498–689)	498 (404–574)	337 (271–386)	217 (168–246)
Liver cancer secondary to alcohol use	500 (403–624)	564 (459–712)	446 (359–538)	347 (285–407)	296 (236–344)	202 (159–232)	134 (102–153)
Other liver cancer	293 (235–364)	266 (216–338)	157 (129–189)	92 (76–110)	73 (59–86)	46 (36–54)	26 (20–30)
Larynx cancer	359 (188–628)	390 (200–657)	364 (184–603)	289 (146–476)	235 (123–381)	137 (69–227)	81 (43–129)
Trachea, bronchus and lung cancers	3,678 (2,810–4,659)	5,084 (3,853–6,185)	5,209 (3,909–6,337)	4,618 (3,384–5,457)	4,090 (2,908–4,830)	2,775 (1,905–3,250)	1,669 (1,118–1,911)

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Breast cancer	1,702 (1,594–1,831)	1,692 (1,586–1,814)	1,256 (1,185–1,345)	879 (819–939)	701 (656–750)	465 (434–502)	445 (409–485)
Cervical cancer	969 (568–1,332)	886 (536–1,249)	703 (408–982)	487 (293–710)	375 (245–558)	201 (129–307)	138 (91–211)
Uterine cancer	136 (62–199)	188 (82–262)	179 (84–271)	159 (75–242)	139 (64–218)	94 (43–143)	78 (36–123)
Prostate cancer	98 151)	205 (99–318)	358 (176–548)	490 (250–758)	650 (333–1,021)	648 (347–1,006)	791 (46– (432–1,283)
Colon and rectum cancers	1,386 (1,187–1,653)	1,781 (1,553–2,074)	1,836 (1,614–2,153)	1,706 (1,496–1,984)	1,719 (1,478–2,038)	1,332 (1,146–1,550)	1,223 (1,010–1,419)
Mouth cancer	465 (385–549)	483 (394–570)	412 (346–476)	306 (259–356)	230 (188–266)	138 (112–159)	116 (91–135)
Nasopharynx cancer	261 (149–424)	272 (163–448)	209 (121–328)	141 (86–213)	96 (61–140)	53 (32–81)	27 (17–40)
Cancer of other part of pharynx and oropharynx	451 (270–603)	470 (272–625)	387 (219–534)	277 (153–367)	201 (114–269)	107 (63–142)	57 (36–77)
Gallbladder and biliary tract cancer	310 (185–435)	398 (244–548)	405 (261–556)	387 (257–547)	367 (244–526)	277 (189–391)	240 (153–348)
Pancreatic cancer	659 (493–850)	914 (674–1,180)	938 (692–1,218)	841 (621–1,059)	790 (586–1,022)	566 (412–730)	439 (316–598)
Malignant melanoma of skin	131 (82–207)	142 (90–216)	131 (77–191)	106 (63–153)	97 (57–143)	72 (39–107)	70 (40–96)
Non-melanoma skin cancer	47 (26–73)	60 (32–94)	55 (31–87)	53 (29–84)	54 (31–84)	48 (28–75)	82 (46–127)
Ovarian cancer	614 (438–823)	610 (437–819)	519 (362–674)	386 (273–516)	297 (199–384)	185 (121–236)	135 (93–176)
Testicular cancer	14 (8–20)	12 (7–18)	11 (6–15)	10 (5–15)	9 (5–15)	5 (3–8)	5 (2–8)
Kidney and other urinary organ cancers	396 (288–565)	509 (379–727)	492 (369–704)	424 (315–602)	378 (277–526)	272 (193–368)	209 (149–298)
Bladder cancer	231 (180–293)	336 (253–409)	402 (296–488)	400 (298–476)	442 (333–529)	364 (273–433)	365 (279–421)
Brain and nervous system cancers	616 (384–833)	658 (392–874)	566 (339–750)	432 (260–569)	334 (193–453)	208 (110–289)	130 (60–182)
Thyroid cancer	82 (57–108)	108 (76–143)	105 (75–133)	94 (69–120)	90 (66–112)	62 (43–79)	45 (31–57)
Hodgkin's disease	43 (27–65)	41 (27–63)	36 (23–53)	29 (19–43)	25 (16–38)	17 (11–25)	12 (8–18)
Non-Hodgkin's lymphoma	459 (362–526)	535 (427–611)	531 (429–610)	460 (375–520)	414 (324–468)	302 (235–342)	240 (178–281)
Multiple myeloma	141 (90–205)	199 (127–277)	220 (135–313)	204 (126–298)	191 (121–264)	138 (87–197)	110 (70–155)
Leukemia	518 (405–636)	577 (452–711)	544 (423–644)	476 (367–572)	451 (343–534)	341 (242–395)	296 (207–351)
Other neoplasms	1,483 (1,025–2,019)	1,720 (1,184–2,247)	1,599 (1,121–2,069)	1,376 (956–1,816)	1,202 (844–1,533)	862 (581–1,104)	685 (478–877)

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Cardiovascular and circulatory diseases	22,420 (20,349–24,180)	27,870 (25,305–29,598)	29,480 (26,904–31,193)	29,944 (27,499–31,706)	33,800 (31,145–35,459)	29,856 (27,852–31,282)	39,192 (37,063–41,242)
Rheumatic heart disease	755 (604–942)	827 (663–1,023)	727 (589–866)	644 (549–751)	612 (528–704)	467 (402–524)	550 (480–600)
Ischemic heart disease	10,877 (9,496–12,111)	13,339 (11,651–14,594)	13,660 (12,180–14,918)	13,414 (12,071–14,487)	15,068 (13,826–16,180)	12,881 (11,967–13,835)	17,832 (16,876–19,006)
Cerebrovascular disease	7,346 (6,187–8,150)	9,627 (8,173–10,805)	10,807 (9,238–11,955)	11,541 (9,912–12,677)	13,555 (11,882–14,941)	12,375 (10,843–13,524)	15,062 (13,604–16,669)
Ischemic stroke	1,363 (1,216–1,657)	2,174 (1,932–2,679)	3,430 (3,035–4,331)	4,082 (3,642–5,112)	6,030 (5,466–7,203)	6,264 (5,720–7,350)	9,974 (9,289–11,239)
Hemorrhagic and other non-ischemic stroke	5,983 (5,056–6,970)	7,453 (6,303–8,640)	7,377 (6,217–8,749)	7,459 (6,313–8,770)	7,525 (6,429–8,896)	6,111 (5,220–7,123)	5,088 (4,437–5,901)
Hypertensive heart disease	1,248 (1,015–1,536)	1,509 (1,245–1,855)	1,683 (1,369–2,086)	1,812 (1,435–2,220)	1,897 (1,527–2,394)	1,686 (1,353–2,108)	2,181 (1,720–2,789)
Cardiomyopathy and myocarditis	954 (805–1,152)	964 (823–1,131)	859 (732–998)	727 (631–859)	660 (569–763)	527 (465–602)	649 (580–724)
Atrial fibrillation and flutter	38 (26–56)	55 (39–83)	85 (59–128)	105 (76–146)	154 (114–218)	192 (147–263)	475 (374–618)
Aortic aneurysm	222 (150–348)	310 (209–466)	375 (261–545)	424 (290–635)	481 (340–702)	416 (292–604)	444 (323–595)
Peripheral vascular disease	32 (18–54)	44 (26–77)	56 (33–100)	62 (36–108)	78 (49–132)	84 (51–138)	185 (118–284)
Endocarditis	89 (66–115)	92 (73–120)	84 (67–106)	73 (60–93)	67 (56–82)	59 (48–71)	72 (59–87)
Other cardiovascular and circulatory diseases	858 (777–951)	1,104 (1,011–1,209)	1,145 (1,063–1,239)	1,141 (1,053–1,241)	1,227 (1,145–1,317)	1,171 (1,098–1,254)	1,743 (1,665–1,823)
Chronic respiratory diseases	3,926 (3,397–4,594)	5,851 (5,145–6,799)	7,471 (6,728–8,448)	8,700 (7,847–9,594)	9,561 (8,838–10,437)	8,094 (7,546–8,676)	8,672 (8,208–9,160)
Chronic obstructive pulmonary disease	2,607 (2,102–3,261)	4,219 (3,465–5,211)	5,665 (4,798–6,831)	6,853 (5,874–8,046)	7,698 (6,763–8,945)	6,590 (5,882–7,511)	7,065 (6,477–7,836)
Pneumoconiosis	147 (76–266)	197 (109–339)	256 (143–475)	290 (164–539)	308 (176–532)	242 (146–413)	303 (185–542)
Asthma	645 (465–1,126)	787 (572–1,321)	818 (617–1,314)	826 (628–1,283)	793 (610–1,218)	589 (461–877)	497 (398–742)
Other interstitial lung disease	147 (99–221)	201 (132–300)	257 (161–389)	262 (172–379)	276 (175–391)	240 (154–333)	237 (142–332)
Other chronic respiratory diseases	380 (277–540)	448 (326–632)	476 (343–688)	468 (344–645)	486 (350–677)	432 (330–554)	570 (431–729)
Cirrhosis of the liver	4,028 (3,233–4,677)	3,867 (3,207–4,576)	3,089 (2,493–3,570)	2,191 (1,828–2,546)	1,633 (1,353–1,881)	966 (834–1,136)	645 (563–783)
Cirrhosis of the liver secondary to hepatitis B	1,207 (969–1,498)	1,239 (1,034–1,596)	1,047 (884–1,300)	764 (650–941)	558 (476–683)	314 (271–383)	180 (158–230)
Cirrhosis of the liver secondary to hepatitis C	1,020 (821–1,192)	1,097 (892–1,304)	970 (816–1,124)	730 (620–845)	554 (467–646)	338 (291–388)	242 (214–288)
Cirrhosis of the liver secondary to alcohol use	1,225 (908–1,470)	1,079 (833–1,340)	787 (613–949)	528 (422–642)	393 (316–478)	237 (200–288)	171 (146–212)

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Other cirrhosis of the liver	576 (456–676)	453 (369–542)	285 (239–337)	169 (141–200)	128 (107–150)	77 (66–90)	52 (46–62)
Digestive diseases (except cirrhosis)	2,140 (1,768–2,560)	2,134 (1,788–2,465)	2,178 (1,870–2,481)	1,950 (1,684–2,195)	1,964 (1,694–2,226)	1,670 (1,465–1,873)	2,066 (1,868–2,273)
Peptic ulcer disease	617 (471–825)	514 (405–670)	526 (414–663)	456 (374–583)	437 (345–558)	351 (288–443)	376 (315–464)
Gastritis and duodenitis	25 (18–35)	27 (19–38)	26 (18–36)	24 (17–33)	23 (17–32)	20 (15–28)	29 (22–40)
Appendicitis	58 (33–84)	63 (37–89)	67 (37–95)	57 (32–84)	52 (28–77)	38 (21–55)	36 (20–46)
Paralytic ileus and intestinal obstruction without hernia	249 (175–350)	257 (183–381)	264 (194–374)	237 (170–321)	253 (183–347)	225 (165–309)	291 (208–369)
Inguinal or femoral hernia	22 (22–23)	26 (26–27)	28 (28–29)	28 (27–28)	33 (32–34)	31 (30–31)	43 (41–44)
Noninfective inflammatory bowel disease	49 (36–65)	53 (38–69)	48 (34–64)	43 (31–57)	44 (32–57)	40 (29–52)	62 (44–78)
Vascular disorders of intestine	66 (28–160)	88 (38–213)	108 (49–252)	123 (57–287)	152 (76–321)	148 (78–308)	214 (124–408)
Gall bladder and bile duct disease	123 (96–161)	143 (110–188)	150 (118–192)	149 (115–196)	158 (125–205)	149 (113–192)	217 (163–277)
Pancreatitis	217 (155–289)	193 (140–258)	165 (120–212)	129 (94–166)	120 (91–151)	93 (69–116)	91 (66–113)
Other digestive diseases	714 (526–1,003)	771 (602–1,074)	797 (603–1,109)	706 (546–955)	691 (538–932)	576 (454–780)	708 (550–968)
Neurological disorders	1,576 (1,133–2,382)	1,650 (1,180–2,490)	1,583 (1,102–2,405)	1,572 (1,122–2,317)	1,706 (1,299–2,414)	1,738 (1,392–2,192)	3,141 (2,178–3,768)
Alzheimer's disease and other dementias	92 (69–128)	139 (106–195)	202 (154–282)	279 (213–386)	476 (355–640)	735 (544–924)	2,179 (1,299–2,735)
Parkinson's disease	35 (26–48)	59 (43–81)	92 (68–129)	147 (110–207)	231 (173–310)	274 (197–356)	377 (259–476)
Epilepsy	301 (201–370)	240 (159–293)	174 (111–215)	156 (99–197)	120 (73–154)	91 (52–118)	101 (58–143)
Multiple sclerosis	74 (56–97)	73 (52–95)	54 (39–71)	35 (26–45)	25 (18–33)	16 (11–21)	9 (5–11)
Other neurological disorders	1,074 (645–1,883)	1,140 (677–1,964)	1,062 (602–1,887)	955 (518–1,695)	854 (470–1,569)	623 (368–1,055)	475 (272–796)
Mental and behavioral disorders	903 (592–1,356)	699 (481–1,068)	435 (307–658)	264 (189–402)	192 (148–291)	120 (95–174)	121 (94–169)
Schizophrenia	55 (42–76)	58 (44–78)	39 (28–53)	31 (23–44)	26 (19–35)	20 (15–28)	18 (13–24)
Alcohol use disorders	607 (336–1,068)	478 (266–826)	294 (164–514)	158 (89–279)	97 (60–181)	45 (27–85)	23 (15–45)
Drug use disorders	203 (112–345)	125 (67–199)	71 (41–126)	44 (28–76)	39 (26–80)	25 (17–51)	26 (16–50)
Opioid use disorders	116 (62–193)	70 (37–109)	39 (23–70)	23 (15–40)	20 (14–41)	14 (9–27)	14 (9–26)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Other cirrhosis of the liver	2 (0–2)	1 (0–1)	1 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Digestive diseases (except cirrhosis)	1 (0–1)	1 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Peptic ulcer disease	85 (49–142)	54 (30–87)	31 (18–53)	20 (13–35)	18 (12–37)	11 (8–22)	11 (7–23)
Gastritis and duodenitis	10 (5–15)	8 (5–12)	7 (4–10)	6 (3–9)	7 (4–9)	7 (4–10)	17 (10–27)
Appendicitis	27 (14–43)	30 (15–44)	26 (14–38)	23 (13–35)	24 (14–34)	23 (14–34)	37 (22–59)
Paralytic ileus and intestinal obstruction without hernia	4,735 (4,178–5,345)	5,814 (5,104–6,427)	5,985 (5,216–6,540)	5,900 (5,238–6,417)	5,604 (4,926–6,090)	4,408 (3,909–4,793)	4,651 (4,194–5,160)
Inguinal or femoral hernia	2,350 (1,921–2,633)	3,089 (2,517–3,479)	3,331 (2,729–3,674)	3,398 (2,812–3,741)	3,222 (2,623–3,520)	2,413 (1,958–2,609)	2,059 (1,713–2,231)
Noninfective inflammatory bowel disease	180 (67–561)	165 (61–443)	145 (57–378)	125 (53–336)	106 (47–247)	69 (30–176)	48 (18–121)
Vascular disorders of intestine	1,374 (1,144–1,577)	1,644 (1,333–1,872)	1,575 (1,279–1,792)	1,471 (1,210–1,706)	1,343 (1,089–1,532)	1,094 (902–1,226)	1,354 (1,101–1,562)
Gall bladder and bile duct disease	387 (318–451)	531 (426–624)	582 (465–678)	483 (391–574)	377 (300–438)	259 (211–297)	274 (216–323)
Pancreatitis	317 (266–361)	361 (294–417)	328 (268–377)	332 (276–382)	326 (265–372)	282 (234–316)	365 (299–418)
Other digestive diseases	670 (556–775)	752 (607–865)	665 (536–766)	655 (538–764)	640 (521–738)	553 (453–626)	715 (578–814)
Neurological disorders	333 (241–442)	386 (282–493)	413 (309–547)	431 (320–563)	484 (355–631)	444 (340–594)	685 (506–912)
Alzheimer's disease and other dementias	181 (113–247)	208 (139–275)	223 (149–299)	235 (151–306)	277 (182–369)	270 (178–352)	472 (290–601)
Parkinson's disease	32 (18–52)	41 (23–70)	38 (21–63)	38 (20–63)	40 (22–62)	34 (18–55)	39 (20–68)
Epilepsy	120 (84–167)	137 (97–181)	152 (109–211)	158 (113–219)	167 (116–229)	140 (103–197)	174 (128–243)
Multiple sclerosis	17 (16–17)	13 (13–14)	10 (9–10)	9 (9–9)	8 (8–8)	7 (7–7)	9 (8–10)
Other neurological disorders	3 (2–3)	2 (2–2)	1 (1–1)	1 (1–1)	1 (1–1)	1 (1–1)	1 (1–1)
Mental and behavioral disorders	<0·5 (0–0·5)	–	–	–	–	–	–
Schizophrenia	<0·5 (0–0·5)	1 (0–1)	1 (0–1)	1 (1–1)	1 (1–1)	1 (1–1)	1 (1–1)
Alcohol use disorders	14 (13–15)	11 (10–12)	8 (8–9)	7 (7–8)	7 (6–7)	6 (5–6)	7 (7–8)
Drug use disorders	100 (74–148)	110 (80–165)	112 (80–167)	107 (76–163)	114 (83–165)	105 (73–158)	119 (85–173)
Opioid use disorders	27 (22–33)	19 (16–23)	9 (8–11)	4 (3–5)	2 (1–2)	1 (1–1)	<0·5 (0–0·5)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Sickle cell disorders	22 (14–33)	19 (12–29)	15 (10–21)	10 (7–14)	6 (4–7)	3 (2–3)	1 (1–1)
G6PD deficiency	5 (4–6)	5 (4–6)	4 (3–5)	4 (3–5)	5 (4–6)	5 (4–6)	6 (5–7)
Other hemoglobinopathies and hemolytic anemias	46 (22–77)	66 (36–109)	84 (48–127)	89 (54–136)	101 (64–149)	97 (58–147)	112 (73–167)
Other endocrine, nutritional, blood, and immune disorders	382 (227–687)	406 (234–711)	398 (241–737)	357 (212–656)	328 (204–593)	277 (180–541)	378 (237–720)
Musculoskeletal disorders	273 (195–402)	315 (213–460)	280 (206–415)	255 (182–389)	265 (188–375)	246 (174–344)	276 (188–397)
Rheumatoid arthritis	83 (60–129)	115 (83–172)	108 (79–156)	104 (75–149)	112 (80–161)	104 (72–156)	79 (57–111)
Other musculoskeletal disorders	189 (151–282)	200 (162–299)	173 (137–266)	151 (116–221)	153 (114–231)	142 (110–201)	197 (149–263)
Other non-communicable diseases	391 (299–474)	433 (329–531)	424 (308–525)	382 (273–477)	403 (294–486)	331 (239–410)	422 (313–494)
Congenital anomalies	224 (166–288)	265 (184–350)	260 (172–338)	228 (149–306)	237 (151–309)	181 (110–249)	215 (142–274)
Neural tube defects	15 (5–31)	19 (5–48)	16 (5–32)	15 (5–30)	16 (6–32)	10 (3–21)	6 (3–14)
Congenital heart anomalies	80 (59–107)	93 (64–129)	99 (65–137)	100 (62–139)	114 (72–161)	95 (58–141)	139 (99–193)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	32 (21–47)	34 (22–51)	25 (16–38)	10 (6–17)	3 (2–5)	1 (1–2)	1 (0–1)
Other chromosomal abnormalities	5 (3–11)	6 (3–11)	5 (2–9)	8 (2–44)	2 (1–4)	2 (1–4)	2 (1–6)
Other congenital anomalies	92 (60–154)	113 (70–189)	116 (71–196)	95 (56–158)	101 (61–168)	73 (43–127)	66 (36–111)
Skin and subcutaneous diseases	167 (115–222)	168 (117–222)	165 (112–217)	154 (108–195)	165 (121–211)	150 (112–188)	207 (156–248)
Cellulitis	57 (40–75)	58 (40–76)	52 (36–69)	43 (30–56)	39 (29–49)	29 (22–37)	29 (22–35)
Abscess, impetigo, and other bacterial skin diseases	68 (48–90)	67 (47–89)	62 (43–83)	53 (37–68)	51 (38–65)	41 (30–51)	48 (36–58)
Decubitus ulcer	41 (29–55)	43 (30–57)	50 (35–68)	57 (40–73)	75 (55–94)	79 (59–99)	129 (97–152)
Other skin and subcutaneous diseases	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	10,770 (9,423–12,495)	8,557 (7,435–9,814)	6,072 (5,293–6,819)	4,374 (3,747–4,913)	3,519 (3,061–3,892)	2,510 (2,204–2,781)	2,689 (2,332–2,941)
Transport injuries	3,176 (2,362–4,453)	2,580 (1,899–3,551)	1,761 (1,316–2,402)	1,264 (939–1,723)	945 (743–1,257)	598 (471–804)	368 (298–493)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Road injury	3,021 (2,210–4,250)	2,469 (1,777–3,318)	1,682 (1,249–2,237)	1,212 (913–1,596)	906 (686–1,225)	571 (443–764)	351 (281–472)
Pedestrian injury by road vehicle	1,073 (686–1,711)	882 (590–1,350)	629 (414–930)	459 (305–666)	352 (243–509)	233 (161–324)	150 (112–203)
Pedal cycle vehicle	191 (132–270)	178 (121–261)	130 (89–187)	100 (68–144)	83 (56–118)	51 (37–70)	28 (22–37)
Motorized vehicle with two wheels	452 (301–680)	326 (222–488)	210 (145–309)	143 (97–205)	97 (72–130)	57 (40–85)	32 (23–44)
Motorized vehicle with three or more wheels	1,075 (832–1,435)	864 (634–1,130)	559 (416–748)	412 (305–526)	293 (219–383)	185 (136–243)	116 (87–153)
Road injury other	232 (81–640)	220 (75–594)	155 (51–393)	98 (34–268)	80 (26–229)	45 (15–125)	25 (8–77)
Other transport injury	155 (117–228)	110 (86–150)	79 (63–110)	52 (41–73)	39 (31–50)	27 (21–34)	17 (14–22)
Unintentional injuries other than transport injuries	3,849 (3,242–4,373)	3,158 (2,636–3,623)	2,390 (1,979–2,759)	1,810 (1,498–2,080)	1,626 (1,320–1,889)	1,336 (1,113–1,514)	1,910 (1,556–2,147)
Falls	909 (606–1,208)	810 (557–1,038)	714 (472–944)	609 (411–805)	642 (429–855)	616 (427–775)	1,093 (815–1,296)
Drowning	531 (412–755)	444 (343–587)	320 (251–423)	227 (180–296)	181 (142–236)	118 (93–150)	93 (70–118)
Fire, heat and hot substances	511 (312–813)	392 (238–624)	301 (190–456)	228 (151–322)	196 (134–267)	145 (105–190)	146 (111–180)
Poisonings	451 (290–612)	344 (217–458)	214 (143–292)	137 (90–190)	103 (73–139)	69 (47–93)	54 (38–69)
Exposure to mechanical forces	528 (326–743)	393 (236–551)	236 (148–311)	151 (95–212)	113 (69–155)	72 (47–103)	62 (35–94)
Mechanical forces (firearm)	146 (87–274)	103 (60–180)	61 (36–102)	45 (23–86)	31 (16–63)	20 (10–45)	14 (7–35)
Mechanical forces (other)	382 (233–537)	290 (169–407)	175 (109–240)	106 (64–153)	81 (44–116)	52 (27–81)	48 (23–74)
Adverse effects of medical treatment	138 (103–174)	143 (109–181)	131 (102–159)	120 (89–149)	106 (81–127)	92 (67–114)	110 (77–142)
Animal contact	117 (70–198)	96 (61–147)	81 (50–129)	54 (34–83)	43 (27–64)	28 (18–44)	20 (12–31)
Animal contact (venomous)	85 (40–179)	67 (32–129)	56 (27–107)	36 (18–62)	27 (14–48)	18 (8–34)	12 (6–21)
Animal contact (non-venomous)	32 (17–50)	29 (15–48)	25 (13–38)	18 (9–30)	16 (8–27)	11 (6–18)	8 (4–13)
Unintentional injuries not classified elsewhere	665 (508–850)	535 (412–669)	392 (295–504)	284 (216–367)	243 (187–304)	196 (153–237)	333 (240–392)
Self-harm and interpersonal violence	3,264 (2,575–4,248)	2,440 (1,903–3,465)	1,671 (1,313–2,197)	1,127 (855–1,567)	862 (661–1,137)	550 (419–738)	407 (327–570)
Self-harm	2,491 (1,800–3,408)	1,939 (1,364–2,825)	1,393 (1,003–1,899)	968 (679–1,387)	759 (546–1,037)	491 (358–672)	360 (277–523)
Interpersonal violence	774 (572–1,200)	501 (380–805)	277 (213–433)	160 (121–236)	103 (79–147)	58 (44–79)	47 (36–62)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Assault by firearm	294 (213–435)	171 (123–256)	92 (68–143)	46 (32–68)	25 (16–36)	13 (9–17)	8 (5–12)
Assault by sharp object	221 (134–361)	145 (88–236)	77 (47–120)	43 (25–67)	28 (15–41)	13 (7–19)	11 (6–15)
Assault by other means	258 (189–370)	185 (134–280)	108 (79–150)	70 (53–97)	51 (38–67)	32 (24–42)	28 (21–37)
Forces of nature, war, and legal intervention	480 (284–864)	379 (234–655)	250 (161–406)	172 (113–267)	86 (58–127)	26 (17–38)	5 (3–8)
Exposure to forces of nature	437 (255–789)	343 (208–589)	221 (140–353)	151 (99–228)	73 (49–105)	21 (13–30)	3 (1–6)
Collective violence and legal intervention	43 (28–75)	36 (24–64)	29 (19–52)	21 (14–39)	12 (8–23)	5 (3–9)	2 (1–4)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Males, All Ages**	**Males, 0-6 Days**	**Males, 7-27 Days**	**Males, 28-364 Days**	**Males, 1-4 Years**	**Males, 5-9 Years**	**Males, 10-14 Years**
All causes	994,260 (950,119–1,033,042)	108,843 (96,769–121,851)	32,238 (28,967–35,597)	93,722 (83,981–105,392)	90,240 (78,611–104,456)	19,739 (18,463–21,062)	14,803 (13,719–17,195)
Communicable, maternal, neonatal, and nutritional disorders	410,162 (380,114–439,467)	100,347 (88,527–113,558)	28,353 (25,031–31,689)	76,066 (66,394–87,910)	65,366 (54,179–79,783)	10,763 (9,388–12,189)	6,039 (5,238–6,909)
HIV/AIDS and tuberculosis	68,977 (59,953–75,657)	–	–	2,142 (1,768–2,565)	5,383 (4,515–6,381)	1,628 (1,431–1,863)	1,356 (1,201–1,519)
Tuberculosis	27,120 (19,330–32,842)	–	–	749 (504–1,101)	1,118 (816–1,623)	343 (214–535)	216 (141–308)
HIV/AIDS	41,857 (38,301–45,894)	–	–	1,393 (1,150–1,660)	4,266 (3,489–5,139)	1,285 (1,128–1,446)	1,140 (1,007–1,280)
HIV disease resulting in mycobacterial infection	7,219 (6,540–7,955)	–	–	261 (205–322)	792 (630–987)	244 (202–285)	221 (187–257)
HIV disease resulting in other specified or unspecified diseases	34,638 (31,424–38,250)	–	–	1,132 (884–1,400)	3,473 (2,773–4,297)	1,042 (873–1,205)	919 (794–1,047)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	142,579 (122,793–162,551)	8,672 (6,454–11,258)	9,272 (7,633–11,029)	45,497 (37,787–57,429)	30,624 (25,086–38,304)	5,889 (4,601–7,261)	2,962 (2,205–3,734)
Diarrheal diseases	41,862 (31,716–48,984)	1,230 (698–1,928)	2,381 (1,588–3,300)	15,871 (10,911–19,714)	10,088 (6,943–13,234)	1,731 (1,238–2,396)	676 (460–1,012)
Cholera	2,308 (1,487–3,356)	76 (34–152)	149 (76–265)	940 (531–1,571)	746 (444–1,135)	95 (56–155)	27 (16–50)
Other salmonella infections	2,363 (1,720–3,114)	51 (25–89)	98 (55–162)	689 (403–1,065)	524 (335–749)	147 (99–220)	83 (50–138)
Shigellosis	3,222 (2,270–4,233)	75 (36–135)	147 (85–243)	976 (588–1,463)	742 (465–1,085)	183 (117–291)	92 (55–155)
Enteropathogenic E coli infection	3,517 (2,188–4,992)	153 (73–289)	301 (170–486)	2,026 (1,204–3,026)	804 (501–1,217)	68 (42–108)	16 (9–28)
Enterotoxigenic E coli infection	3,000 (2,168–3,944)	69 (34–126)	135 (80–217)	920 (572–1,387)	610 (384–869)	115 (74–177)	55 (32–93)
Campylobacter enteritis	3,554 (2,340–4,759)	125 (57–225)	245 (139–396)	1,638 (942–2,346)	861 (527–1,254)	111 (69–172)	40 (23–69)
Amoebiasis	1,029 (753–1,375)	14 (6–28)	28 (14–51)	184 (95–312)	184 (107–278)	41 (25–65)	20 (12–34)
Cryptosporidiosis	4,091 (2,780–5,522)	174 (90–296)	320 (195–492)	2,164 (1,396–3,044)	1,116 (719–1,572)	93 (60–142)	17 (10–30)
Rotaviral enteritis	8,563 (5,779–11,110)	303 (151–536)	578 (351–880)	3,867 (2,439–5,367)	2,608 (1,604–3,715)	288 (189–446)	70 (43–115)
Other diarrheal diseases	10,215 (6,139–15,350)	189 (73–390)	380 (167–707)	2,468 (1,209–4,317)	1,892 (908–3,371)	592 (315–981)	257 (134–448)
Typhoid and paratyphoid fevers	7,010 (891–13,277)	–	–	448 (58–861)	1,477 (175–2,928)	1,112 (148–2,081)	755 (93–1,422)
Lower respiratory infections	63,049 (53,512–73,061)	5,488 (3,914–7,789)	4,191 (3,157–5,457)	19,316 (15,318–23,845)	11,379 (9,057–15,597)	1,422 (1,111–1,948)	752 (574–1,016)
Influenza	10,391 (8,573–12,126)	764 (487–1,143)	586 (398–828)	2,740 (1,990–3,557)	1,620 (1,226–2,277)	233 (176–323)	141 (107–195)
Pneumococcal pneumonia	13,281 (11,158–15,657)	837 (547–1,243)	636 (440–887)	2,971 (2,198–4,015)	2,780 (2,187–3,863)	286 (222–391)	118 (89–160)

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Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
H influenzae type B pneumonia	11,853 (9,685–14,452)	1,206 (792–1,840)	917 (637–1,278)	4,258 (3,168–5,633)	2,427 (1,862–3,388)	278 (209–396)	135 (100–191)
Respiratory syncytial virus pneumonia	10,786 (8,392–13,767)	1,765 (1,192–2,623)	1,355 (976–1,845)	6,096 (4,593–7,930)	1,343 (1,009–1,832)	14 (11–19)	8 (6–10)
Other lower respiratory infections	16,738 (13,720–19,826)	916 (549–1,443)	697 (434–1,048)	3,251 (2,172–4,654)	3,208 (2,437–4,475)	611 (477–845)	352 (264–475)
Upper respiratory infections	77 (64–90)	6 (4–8)	5 (4–6)	24 (19–29)	15 (12–21)	3 (2–4)	1 (1–2)
Otitis media	126 (0–1,455)	2 (0–18)	6 (0–69)	81 (0–948)	14 (0–154)	3 (0–33)	2 (0–26)
Meningitis	14,878 (11,852–17,853)	936 (539–1,457)	1,399 (916–1,983)	4,164 (3,050–5,672)	3,100 (2,326–4,510)	771 (539–1,085)	434 (314–604)
Pneumococcal meningitis	3,979 (3,172–4,755)	183 (101–307)	274 (173–416)	791 (544–1,142)	861 (640–1,259)	249 (170–360)	150 (107–214)
H influenzae type B meningitis	3,406 (2,725–4,323)	252 (143–397)	380 (239–548)	1,107 (783–1,562)	1,012 (748–1,470)	244 (163–352)	104 (72–152)
Meningococcal infection	2,677 (2,071–3,279)	130 (62–246)	196 (115–326)	533 (339–806)	697 (502–1,040)	175 (126–244)	97 (73–130)
Other meningitis	4,816 (3,747–5,810)	371 (224–569)	548 (362–761)	1,732 (1,274–2,381)	529 (400–751)	102 (72–148)	83 (60–116)
Encephalitis	3,823 (3,017–4,589)	189 (108–338)	319 (184–541)	780 (493–1,211)	585 (384–916)	275 (144–470)	181 (101–304)
Diphtheria	126 (0–1,088)	–	–	31 (0–259)	70 (0–628)	14 (0–122)	4 (0–31)
Whooping cough	3,575 (12–17,460)	–	–	2,924 (10–14,163)	573 (2–2,913)	32 (0–160)	7 (0–35)
Tetanus	2,447 (1,018–4,614)	817 (270–1,805)	963 (377–1,833)	316 (114–691)	33 (0–155)	36 (0–163)	25 (0–120)
Measles	5,410 (1,741–13,055)	–	–	1,480 (503–3,462)	3,229 (1,017–8,018)	477 (159–1,085)	119 (39–276)
Varicella	196 (0–1,337)	4 (0–28)	8 (0–51)	61 (0–420)	61 (0–424)	14 (0–90)	5 (0–36)
Neglected tropical diseases and malaria	47,858 (32,857–70,174)	20 (10–44)	1,364 (657–2,570)	11,433 (6,068–19,356)	19,903 (11,051–32,888)	1,986 (1,400–2,647)	1,061 (781–1,380)
Malaria	43,037 (28,213–65,067)	–	1,326 (629–2,527)	11,017 (5,651–18,962)	18,828 (10,003–32,121)	1,434 (868–2,056)	690 (440–1,001)
Chagas disease	173 (56–594)	–	–	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–2)
Leishmaniasis	2,226 (1,313–3,490)	–	16 (7–30)	238 (112–446)	596 (301–1,076)	277 (152–469)	202 (115–330)
African trypanosomiasis	301 (35–963)	–	–	–	34 (4–113)	30 (4–97)	30 (3–96)
Schistosomiasis	151 (0–893)	–	–	<0·5 (0–1)	1 (0–8)	1 (0–6)	2 (0–9)
Cysticercosis	24 (1–88)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–2)	<0·5 (0–2)	1 (0–3)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Echinococcosis	17 (0–65)	–	–	–	<0·5 (0–1)	1 (0–3)	1 (0–2)
Dengue	397 (119–744)	–	–	53 (11–136)	99 (21–245)	46 (14–90)	29 (6–70)
Rabies	832 (394–1,529)	–	–	34 (11–82)	172 (57–445)	150 (66–313)	83 (37–178)
Intestinal nematode infections	114 (1–552)	–	–	14 (0–63)	76 (0–369)	15 (0–68)	3 (0–16)
Ascariasis	114 (1–552)	–	–	14 (0–63)	76 (0–369)	15 (0–68)	3 (0–16)
Other neglected tropical diseases	587 (372–921)	20 (10–44)	23 (11–47)	78 (38–163)	95 (41–199)	32 (14–73)	21 (9–46)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	111.868 (97,389–128,077)	88.724 (76,831–102,459)	16.485 (13,361–19,889)	6.313 (4,735–8,327)	345 (226–532)	–	–
Preterm birth complications	42,352 (34,263–51,469)	34,867 (27,575–42,712)	5,138 (3,762–6,605)	2,297 (1,567–3,362)	50 (31–80)	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	26,244 (18,933–33,209)	22,313 (15,791–28,849)	2,770 (1,828–3,905)	1,012 (613–1,550)	148 (70–288)	–	–
Sepsis and other infectious disorders of the newborn baby	25,719 (12,904–45,056)	19,181 (9,481–33,242)	5,119 (2,447–9,515)	1,369 (575–3,112)	50 (16–120)	–	–
Other neonatal disorders	17,553 (13,301–23,360)	12,363 (8,847–17,665)	3,458 (2,501–4,900)	1,634 (1,083–2,397)	97 (54–174)	–	–
Nutritional deficiencies	18,096 (14,446–22,224)	–	–	6,228 (4,442–8,683)	6,651 (4,790–9,260)	544 (376–802)	267 (186–415)
Protein-energy malnutrition	16,478 (12,439–20,872)	–	–	5,970 (4,162–8,491)	6,256 (4,305–9,068)	480 (326–717)	220 (142–356)
Iodine deficiency	67 (45–78)	–	–	8 (5–10)	5 (4–7)	1 (1–2)	2 (1–2)
Iron-deficiency anemia	1,415 (1,018–1,716)	–	–	228 (153–335)	376 (250–583)	59 (41–85)	44 (31–61)
Other nutritional deficiencies	135 (88–153)	–	–	23 (14–29)	13 (9–17)	3 (2–4)	2 (1–3)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Males, All Ages**	**Males, 0-6 Days**	**Males, 7-27 Days**	**Males, 28-364 Days**	**Males, 1-4 Years**	**Males, 5-9 Years**	**Males, 10-14 Years**
Other communicable, maternal, neonatal, and nutritional disorders	20,785 (17,283–24,997)	2,931 (1,934–4,301)	1,232 (887–1,723)	4,451 (3,309–6,042)	2,461 (1,809–3,474)	717 (521–1,031)	392 (257–596)
Sexually transmitted diseases excluding HIV	4,918 (2,873–8,002)	2,155 (1,247–3,505)	515 (297–849)	1,667 (962–2,711)	354 (199–581)	84 (48–137)	6 (4–13)
Syphilis	4,918 (2,870–7,936)	2,155 (1,239–3,490)	515 (296–840)	1,667 (945–2,737)	354 (199–583)	84 (49–137)	6 (3–13)
Sexually transmitted chlamydial diseases	–	–	–	–	–	–	–
Gonococcal infection	–	–	–	–	–	–	–
Other sexually transmitted diseases	–	–	–	–	–	–	–
Hepatitis	7,295 (6,077–9,040)	–	–	742 (382–1,639)	672 (344–1,441)	270 (147–540)	214 (110–406)
Acute hepatitis A	2,412 (818–6,368)	–	–	484 (134–1,302)	237 (43–726)	45 (15–112)	43 (11–142)
Acute hepatitis B	3,006 (1,692–4,146)	–	–	259 (90–627)	93 (25–188)	29 (10–57)	17 (8–33)
Acute hepatitis C	284 (181–448)	–	–	–	–	3 (1–15)	2 (1–6)
Acute hepatitis E	1,593 (582–3,489)	–	–	–	341 (95–874)	192 (69–461)	152 (54–335)
Other infectious diseases	8,572 (5,602–10,945)	776 (422–1,210)	716 (451–1,068)	2,042 (1,329–3,037)	1,435 (989–2,066)	362 (225–560)	172 (110–268)
Non-communicable diseases	421,744 (402,421–436,337)	7,788 (5,652–10,048)	3,253 (2,487–3,979)	12,835 (10,481–14,647)	11,480 (9,778–13,876)	3,967 (3,430–4,578)	3,409 (3,048–3,825)
Neoplasms	105,616 (95,518–114,131)	43 (25–66)	27 (15–42)	413 (289–563)	1,005 (678–1,323)	1,011 (764–1,207)	918 (700–1,097)
Esophageal cancer	6.492 (4,565–7,991)	–	–	–	–	–	–
Stomach cancer	10,458 (6,395–14,251)	–	–	–	–	–	–
Liver cancer	13,791 (11,412–17,259)	–	–	–	–	40 (24–67)	39 (23–62)
Liver cancer secondary to hepatitis B	6,941 (5,840–8,873)	–	–	–	–	11 (7–21)	16 (9–27)
Liver cancer secondary to hepatitis C	2,653 (2,142–3,273)	–	–	–	–	1 (1–2)	2 (1–2)
Liver cancer secondary to alcohol use	2,693 (2,248–3,322)	–	–	–	–	–	–
Other liver cancer	1,503 (1,264–1,909)	–	–	–	–	27 (16–47)	21 (13–34)
Larynx cancer	2,010 (937–3,467)	–	–	–	–	–	–
Trachea, bronchus and lung cancers	22.780 (15,641–28,196)	–	–	–	–	–	–

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Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Breast cancer	–	–	–	–	–	–	–
Cervical cancer	–	–	–	–	–	–	–
Uterine cancer	–	–	–	–	–	–	–
Prostate cancer	3.322 (1,764–5,188)	–	–	–	–	–	–
Colon and rectum cancers	7,636 (6,811–8,925)	–	–	–	–	–	–
Mouth cancer	2.081 (1,646–2,277)	–	–	–	–	–	–
Nasopharynx cancer	1,403 (778–1,954)	–	–	–	–	8 (5–14)	18 (10–33)
Cancer of other part of pharynx and oropharynx	1.999 (1,086–2,745)	–	–	–	–	–	–
Gallbladder and biliary tract cancer	1,290 (708–1,736)	–	–	–	–	–	–
Pancreatic cancer	3.582 (2,445–4,718)	–	–	–	–	–	–
Malignant melanoma of skin	669 (343–1,161)	–	–	–	–	–	–
Non-melanoma skin cancer	340 (152–572)	–	–	–	–	–	–
Ovarian cancer	–	–	–	–	–	–	–
Testicular cancer	301 (190–394)	–	–	–	–	–	–
Kidney and other urinary organ cancers	2,303 (1,568–3,368)	–	–	20 (10–30)	68 (35–101)	37 (19–66)	14 (6–42)
Bladder cancer	2.188 (1,513–2,731)	–	–	–	–	–	–
Brain and nervous system cancers	3,421 (1,547–4,714)	–	–	–	131 (35–318)	159 (66–232)	118 (51–173)
Thyroid cancer	338 (208–441)	–	–	–	–	–	5 (1–14)
Hodgkin's disease	376 (200–597)	3 (1–6)	2 (1–5)	4 (2–8)	11 (4–20)	21 (9–36)	15 (8–26)
Non-Hodgkin's lymphoma	3,557 (2,716–3,951)	–	–	25 (16–38)	145 (91–232)	178 (99–295)	150 (92–234)
Multiple myeloma	822 (432–1,344)	–	–	–	–	–	–
Leukemia	5,485 (3,845–6,658)	–	–	155 (107–233)	388 (255–510)	382 (273–486)	346 (254–452)
Other neoplasms	8,972 (5,488–11,908)	40 (22–62)	25 (13–39)	208 (108–341)	261 (129–452)	187 (105–274)	213 (114–338)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Cardiovascular and circulatory diseases	158,471 (153,074–163,012)	469 (373–608)	297 (236–389)	1,535 (1,280–1,910)	1,287 (1,056–1,581)	489 (403–610)	538 (457–665)
Rheumatic heart disease	4,222 (3,411–4,845)	–	–	–	78 (50–111)	45 (33–61)	76 (53–108)
Ischemic heart disease	74,823 (65,659–79,996)	–	–	308 (151–509)	281 (144–424)	123 (67–206)	138 (89–225)
Cerebrovascular disease	53,813 (45,081–58,902)	189 (115–275)	116 (68–188)	434 (247–688)	335 (211–489)	153 (102–220)	163 (113–222)
Ischemic stroke	18,401 (16,488–23,583)	–	–	91 (50–141)	67 (38–87)	25 (18–33)	23 (17–30)
Hemorrhagic and other non-ischemic stroke	35,412 (27,940–43,304)	189 (110–311)	116 (67–222)	343 (184–605)	268 (147–435)	128 (78–201)	140 (89–204)
Hypertensive heart disease	7,532 (6,212–8,961)	–	–	45 (27–60)	39 (24–55)	17 (11–23)	18 (11–24)
Cardiomyopathy and myocarditis	7,038 (5,805–8,241)	151 (72–276)	108 (55–182)	340 (172–536)	310 (113–528)	78 (45–123)	77 (52–114)
Atrial fibrillation and flutter	524 (337–820)	–	–	–	–	–	–
Aortic aneurysm	2,124 (1,385–3,161)	–	–	–	–	–	–
Peripheral vascular disease	273 (113–530)	–	–	–	–	–	–
Endocarditis	885 (640–1,094)	14 (10–22)	13 (10–19)	88 (62–118)	59 (42–83)	14 (10–20)	13 (9–18)
Other cardiovascular and circulatory diseases	7,237 (6,839–7,698)	116 (81–160)	60 (43–84)	320 (223–465)	184 (110–303)	58 (45–76)	54 (45–66)
Chronic respiratory diseases	41,294 (38,986–44,232)	247 (167–391)	228 (154–351)	1,664 (1,253–2,347)	1,429 (1,159–1,800)	249 (183–351)	223 (168–307)
Chronic obstructive pulmonary disease	28,175 (24,050–34,194)	–	–	729 (393–1,290)	380 (262–539)	68 (44–106)	61 (39–95)
Pneumoconiosis	1,590 (801–2,854)	–	–	–	38 (12–96)	8 (3–17)	5 (2–12)
Asthma	5,155 (3,584–9,650)	–	–	–	487 (159–1,215)	103 (43–244)	102 (47–221)
Other interstitial lung disease	1,400 (897–2,112)	–	–	–	44 (12–111)	9 (4–21)	6 (4–13)
Other chronic respiratory diseases	4,974 (3,434–6,844)	247 (136–412)	228 (120–387)	935 (489–1,549)	480 (211–726)	61 (35–102)	49 (29–87)
Cirrhosis of the liver	21,420 (16,707–25,287)	–	–	–	576 (338–967)	110 (73–158)	99 (67–150)
Cirrhosis of the liver secondary to hepatitis B	6,150 (4,917–7,960)	–	–	–	41 (27–68)	21 (15–32)	26 (17–41)
Cirrhosis of the liver secondary to hepatitis C	4,414 (3,387–5,453)	–	–	–	16 (11–27)	9 (6–14)	12 (8–19)
Cirrhosis of the liver secondary to alcohol use	7.164 (5,414–8,758)	–	–	–	–	–	–

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Other cirrhosis of the liver	3,693 (2,873–4,768)	–	–	–	519 (335–912)	80 (56–127)	61 (41–95)
Digestive diseases (except cirrhosis)	15,771 (12,872–18,396)	–	–	–	1,522 (1,167–1,992)	236 (188–300)	186 (146–238)
Peptic ulcer disease	3,940 (3,149–4,715)	–	–	–	137 (62–318)	42 (26–64)	40 (24–60)
Gastritis and duodenitis	200 (127–270)	–	–	–	14 (6–27)	2 (1–4)	2 (1–4)
Appendicitis	760 (367–1,250)	–	–	–	249 (70–556)	37 (19–76)	26 (14–49)
Paralytic ileus and intestinal obstruction without hernia	2,218 (1,423–3,516)	–	–	–	400 (165–935)	53 (34–93)	39 (24–68)
Inguinal or femoral hernia	198 (193–204)	–	–	–	25 (21–30)	4 (4–4)	3 (2–3)
Noninfective inflammatory bowel disease	513 (300–700)	–	–	–	150 (40–326)	12 (5–21)	7 (4–13)
Vascular disorders of intestine	606 (140–1,766)	–	–	–	11 (2–33)	4 (1–11)	5 (1–12)
Gall bladder and bile duct disease	871 (637–1,067)	–	–	–	77 (24–178)	14 (8–24)	8 (5–14)
Pancreatitis	1,497 (1,029–2,073)	–	–	–	30 (11–84)	8 (5–14)	7 (4–11)
Other digestive diseases	4,967 (4,070–6,669)	–	–	–	428 (238–744)	59 (39–92)	50 (31–85)
Neurological disorders	15,715 (12,126–20,087)	–	–	935 (596–1,556)	1,372 (759–2,915)	584 (403–886)	558 (375–861)
Alzheimer's disease and other dementias	1,955 (1,325–2,492)	–	–	–	–	38 (17–64)	22 (12–37)
Parkinson's disease	762 (486–1,068)	–	–	–	–	–	–
Epilepsy	4,907 (3,227–7,138)	–	–	326 (159–654)	809 (322–2,311)	261 (146–460)	212 (133–304)
Multiple sclerosis	237 (182–298)	–	–	–	–	–	–
Other neurological disorders	7,854 (5,168–13,166)	–	–	609 (372–1,147)	563 (326–1,067)	284 (166–533)	324 (174–619)
Mental and behavioral disorders	6,457 (4,448–10,032)	19 (9–38)	20 (8–40)	88 (34–214)	125 (60–207)	36 (22–68)	27 (16–51)
Schizophrenia	355 (280–453)	–	–	–	–	–	–
Alcohol use disorders	3,156 (1,539–5,685)	–	–	–	–	–	–
Drug use disorders	2,607 (1,340–4,409)	19 (9–38)	20 (8–40)	88 (34–214)	104 (41–187)	28 (14–58)	20 (10–45)
Opioid use disorders	1,460 (771–2,419)	10 (5–20)	10 (4–21)	46 (18–109)	53 (21–96)	14 (8–30)	11 (5–23)

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Cocaine use disorders	18 (5–17)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Amphetamine use disorders	15 (4–13)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Other drug use disorders	1,114 (590–1,941)	9 (4–18)	9 (4–19)	42 (17–100)	50 (19–85)	13 (7–28)	9 (5–21)
Eating disorders	92 (47–133)	–	–	–	–	4 (1–5)	3 (1–4)
Other mental and behavioral disorders	247 (127–351)	–	–	–	21 (9–38)	5 (2–7)	4 (2–7)
Diabetes, urogenital, blood, and endocrine diseases	33,483 (28,409–40,393)	291 (193–415)	212 (141–309)	1,839 (1,299–2,676)	1,829 (1,147–3,202)	674 (461–1,162)	505 (379–757)
Diabetes mellitus	13,026 (9,858–14,065)	33 (22–49)	19 (12–28)	178 (95–308)	134 (80–200)	51 (32–73)	51 (32–74)
Acute glomerulonephritis	2,499 (878–6,331)	–	–	263 (70–709)	400 (74–1,246)	205 (46–653)	88 (22–294)
Chronic kidney diseases	9,229 (7,463–9,968)	–	–	311 (179–509)	313 (215–464)	121 (76–198)	128 (79–208)
Chronic kidney disease due to diabetes mellitus	1,864 (1,551–2,051)	–	–	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Chronic kidney disease due to hypertension	2,094 (1,678–2,264)	–	–	39 (22–68)	41 (28–60)	17 (11–28)	20 (12–33)
Chronic kidney disease unspecified	5,271 (4,258–5,755)	–	–	272 (156–442)	272 (189–395)	103 (65–168)	108 (67–175)
Urinary diseases and male infertility	2,888 (1,696–4,279)	36 (17–65)	40 (19–69)	264 (124–474)	177 (78–321)	31 (19–52)	26 (14–38)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	1,478 (847–1,988)	13 (5–21)	15 (7–22)	108 (46–197)	72 (32–115)	12 (6–17)	12 (6–18)
Urolithiasis	231 (117–332)	–	–	–	–	5 (3–10)	3 (1–6)
Other urinary diseases	1,179 (612–1,863)	23 (7–48)	25 (9–51)	156 (47–340)	106 (34–222)	15 (7–29)	11 (5–18)
Gynecological diseases	–	–	–	–	–	–	–
Uterine fibroids	–	–	–	–	–	–	–
Endometriosis	–	–	–	–	–	–	–
Genital prolapse	–	–	–	–	–	–	–
Other gynecological diseases	–	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	2,272 (1,492–3,399)	115 (57–198)	67 (36–101)	321 (180–511)	450 (180–968)	152 (90–251)	125 (80–210)
Thalassemias	530 (410–662)	1 (1–2)	3 (2–4)	27 (17–43)	68 (44–107)	49 (28–82)	53 (32–84)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010

Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Sickle cell disorders	760 (428–1,556)	9 (6–14)	16 (9–29)	143 (71–279)	256 (103–638)	73 (40–161)	43 (24–83)
G6PD deficiency	93 (72–122)	<0·5 (0–0·5)	<0·5 (0–1)	6 (3–11)	15 (8–27)	10 (6–18)	8 (5–14)
Other hemoglobinopathies and hemolytic anemias	889 (509–1,379)	104 (55–179)	47 (23–78)	145 (76–260)	110 (25–301)	20 (4–62)	21 (6–58)
Other endocrine, nutritional, blood, and immune disorders	3,568 (1,799–7,219)	107 (50–237)	87 (38–165)	503 (227–1,058)	355 (146–786)	115 (49–200)	87 (38–156)
Musculoskeletal disorders	1,351 (812–2,321)	–	–	–	–	28 (15–47)	32 (18–55)
Rheumatoid arthritis	420 (260–666)	–	–	–	–	9 (5–17)	9 (5–14)
Other musculoskeletal disorders	931 (542–1,591)	–	–	–	–	19 (9–33)	23 (13–39)
Other non-communicable diseases	22,165 (16,350–26,617)	6,719 (4,472–8,943)	2,469 (1,697–3,129)	6,360 (4,344–7,865)	2,335 (1,694–3,196)	550 (391–783)	323 (232–438)
Congenital anomalies	19,426 (13,569–24,059)	6,719 (4,472–8,943)	2,199 (1,529–2,914)	5,283 (3,275–6,853)	2,144 (1,561–2,994)	517 (358–744)	297 (206–411)
Neural tube defects	2,979 (1,565–4,677)	1,732 (852–2,964)	320 (145–572)	490 (249–944)	198 (80–409)	60 (24–133)	32 (13–66)
Congenital heart anomalies	8,194 (7,162–9,678)	2,303 (1,870–2,897)	1,006 (813–1,308)	2,316 (1,744–3,106)	992 (724–1,468)	242 (177–353)	155 (112–222)
Cleft lip and cleft palate	231 (110–361)	78 (36–140)	42 (19–74)	83 (36–144)	28 (10–57)	–	–
Down's syndrome	543 (316–935)	94 (47–186)	42 (20–77)	142 (72–292)	91 (37–227)	18 (9–35)	11 (6–20)
Other chromosomal abnormalities	685 (326–1,392)	304 (133–707)	116 (52–247)	156 (72–348)	44 (17–115)	13 (6–30)	8 (4–16)
Other congenital anomalies	6,795 (3,990–9,472)	2,208 (1,196–3,536)	673 (364–1,067)	2,096 (1,107–3,267)	791 (361–1,384)	184 (98–301)	92 (54–150)
Skin and subcutaneous diseases	1,702 (1,167–1,965)	–	–	310 (209–446)	191 (77–285)	33 (24–45)	26 (17–36)
Cellulitis	491 (337–564)	–	–	62 (42–89)	62 (25–92)	14 (10–18)	10 (7–14)
Abscess, impetigo, and other bacterial skin diseases	839 (597–999)	–	–	247 (163–351)	124 (51–185)	17 (12–23)	13 (9–18)
Decubitus ulcer	366 (234–439)	–	–	–	4 (2–6)	3 (2–3)	2 (2–3)
Other skin and subcutaneous diseases	6 (2–3)	–	–	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Sudden infant death syndrome	1,037 (551–1,857)	–	270 (90–602)	766 (436–1,439)	–	–	–
Injuries	162,354 (142,514–184,096)	708 (586–880)	632 (523–789)	4,822 (4,045–5,694)	13,395 (11,374–15,985)	5,009 (4,266–6,104)	5,355 (4,350–7,748)
Transport injuries	49,971 (36,663–68,804)	49 (31–83)	43 (28–67)	553 (338–865)	3,173 (2,239–4,942)	1,662 (1,202–2,392)	1,356 (998–1,997)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Males, All Ages**	**Males, 0-6 Days**	**Males, 7-27 Days**	**Males, 28-364 Days**	**Males, 1-4 Years**	**Males, 5-9 Years**	**Males, 10-14 Years**
Road injury	47,413 (34,918–66,836)	42 (22–77)	32 (18–56)	511 (279–879)	2,965 (2,053–4,494)	1,578 (1,108–2,254)	1,279 (909–1,823)
Pedestrian injury by road vehicle	16,446 (11,475–24,124)	12 (5–32)	5 (2–13)	143 (63–338)	1,601 (789–3,138)	695 (474–1,127)	487 (324–803)
Pedal cycle vehicle	2,875 (2,036–3,483)	–	–	–	117 (55–198)	134 (82–198)	150 (99–243)
Motorized vehicle with two wheels	8,564 (6,414–9,897)	3 (2–6)	3 (2–6)	37 (22–61)	199 (115–279)	154 (98–250)	158 (106–238)
Motorized vehicle with three or more wheels	16,517 (12,258–21,320)	20 (10–42)	19 (10–42)	273 (141–544)	848 (468–1,460)	464 (324–666)	381 (257–501)
Road injury other	3,012 (1,309–6,607)	6 (2–21)	4 (1–12)	59 (18–157)	200 (45–606)	129 (47–301)	103 (36–274)
Other transport injury	2,558 (2,112–3,229)	7 (5–15)	12 (7–25)	42 (24–66)	208 (66–332)	84 (55–130)	78 (59–119)
Unintentional injuries other than transport injuries	61,378 (53,669–65,977)	464 (365–640)	433 (340–599)	3,712 (3,003–4,539)	9,377 (7,646–11,300)	3,022 (2,545–3,629)	2,341 (1,994–2,790)
Falls	11,116 (7,733–13,073)	42 (28–65)	39 (25–65)	511 (304–821)	1,141 (768–1,686)	385 (232–644)	325 (198–572)
Drowning	13,842 (11,382–18,478)	34 (22–59)	14 (9–20)	302 (203–465)	3,417 (2,427–5,071)	1,220 (947–1,786)	926 (737–1,299)
Fire, heat and hot substances	8,441 (5,267–10,715)	35 (21–57)	49 (30–84)	618 (348–1,034)	2,318 (1,406–3,232)	454 (263–804)	211 (118–370)
Poisonings	5,582 (3,482–8,243)	32 (20–59)	36 (22–70)	185 (115–315)	597 (397–1,055)	134 (84–243)	124 (79–204)
Exposure to mechanical forces	7,567 (4,956–9,402)	18 (11–28)	16 (8–22)	136 (66–216)	539 (324–925)	271 (182–485)	257 (161–394)
Mechanical forces (firearm)	2,858 (1,659–3,807)	11 (5–20)	7 (3–12)	53 (30–111)	188 (79–411)	112 (58–208)	124 (67–225)
Mechanical forces (other)	4,710 (2,676–5,822)	7 (5–15)	8 (5–14)	83 (39–143)	351 (169–626)	158 (84–293)	133 (66–253)
Adverse effects of medical treatment	1,867 (1,680–2,063)	68 (48–96)	56 (40–81)	251 (185–336)	205 (109–323)	50 (36–72)	44 (29–72)
Animal contact	1,904 (991–2,903)	51 (14–177)	37 (14–85)	137 (49–352)	243 (104–557)	201 (87–396)	144 (65–311)
Animal contact (venomous)	1,478 (603–3,290)	25 (5–90)	22 (6–59)	115 (30–319)	192 (63–584)	166 (54–398)	117 (36–280)
Animal contact (non-venomous)	426 (238–595)	25 (7–82)	15 (5–33)	22 (10–41)	51 (21–97)	35 (17–63)	26 (13–48)
Unintentional injuries not classified elsewhere	11,059 (9,849–12,682)	185 (121–328)	187 (120–333)	1,573 (1,158–2,278)	918 (688–1,326)	308 (221–460)	310 (216–450)
Self-harm and interpersonal violence	43,045 (34,766–52,789)	112 (60–174)	41 (18–73)	217 (116–308)	470 (256–711)	207 (137–278)	650 (451–897)
Self-harm	23,664 (16,903–31,037)	–	–	–	–	43 (29–64)	376 (227–614)
Interpersonal violence	19,381 (13,950–26,922)	112 (60–174)	41 (18–73)	217 (116–308)	470 (256–711)	164 (95–227)	274 (171–386)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Males, All Ages**	**Males, 0-6 Days**	**Males, 7-27 Days**	**Males, 28-364 Days**	**Males, 1-4 Years**	**Males, 5-9 Years**	**Males, 10-14 Years**
Assault by firearm	9,296 (6,773–10,823)	23 (12–40)	8 (4–11)	58 (25–90)	131 (57–217)	61 (36–85)	137 (82–191)
Assault by sharp object	5,339 (3,126–8,571)	12 (6–28)	3 (2–7)	29 (15–57)	66 (22–158)	25 (13–44)	49 (25–79)
Assault by other means	4,746 (3,544–5,999)	77 (46–156)	30 (16–64)	130 (91–233)	272 (132–548)	79 (55–120)	87 (61–118)
Forces of nature, war, and legal intervention	7,960 (3,948–19,479)	82 (57–116)	114 (88–147)	339 (265–444)	375 (250–549)	117 (86–164)	1,008 (319–3,399)
Exposure to forces of nature	7,403 (3,555–18,377)	76 (50–109)	100 (76–131)	301 (229–403)	342 (219–506)	107 (77–153)	969 (296–3,315)
Collective violence and legal intervention	557 (354–1,080)	6 (1–12)	14 (11–22)	39 (32–50)	34 (23–51)	10 (9–11)	38 (22–80)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
All causes	28,526 (26,398–31,346)	40,567 (37,450–43,764)	42,478 (39,562–45,614)	41,570 (38,758–44,582)	43,938 (40,285–47,762)	45,970 (42,333–49,988)	49,910 (46,176–53,786)
Communicable, maternal, neonatal, and nutritional disorders	6,790 (5,807–7,808)	9,363 (8,190–10,584)	13,179 (11,762–14,605)	14,840 (13,260–16,443)	15,013 (13,223–16,896)	12,645 (10,874–14,513)	11,062 (9,482–12,834)
HIV/AIDS and tuberculosis	1,331 (1,079–1,606)	3,076 (2,519–3,610)	7,115 (6,092–8,094)	9,351 (8,125–10,491)	10,040 (8,655–11,453)	7,927 (6,668–9,254)	6,329 (5,119–7,540)
Tuberculosis	616 (382–860)	1,416 (943–1,801)	2,230 (1,435–2,953)	2,574 (1,676–3,448)	2,688 (1,734–3,688)	2,514 (1,662–3,524)	2,519 (1,616–3,602)
HIV/AIDS	716 (596–853)	1,659 (1,335–2,080)	4,884 (4,180–5,580)	6,778 (6,084–7,478)	7,352 (6,463–8,250)	5,413 (4,701–6,127)	3,810 (3,101–4,542)
HIV disease resulting in mycobacterial infection	133 (109–160)	291 (232–371)	852 (716–976)	1,174 (1,043–1,298)	1,244 (1,084–1,414)	895 (771–1,025)	618 (495–749)
HIV disease resulting in other specified or unspecified diseases	583 (479–700)	1,368 (1,100–1,708)	4,032 (3,428–4,611)	5,604 (5,002–6,199)	6,108 (5,370–6,898)	4,519 (3,910–5,161)	3,192 (2,602–3,824)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	3,138 (2,363–3,948)	3,371 (2,542–4,218)	3,430 (2,669–4,235)	3,196 (2,530–3,922)	2,890 (2,264–3,624)	2,655 (2,105–3,352)	2,711 (2,153–3,398)
Diarrheal diseases	724 (484–1,089)	804 (568–1,186)	923 (664–1,328)	895 (665–1,221)	836 (573–1,274)	728 (499–1,094)	733 (493–1,113)
Cholera	29 (16–50)	32 (19–51)	36 (22–59)	35 (22–57)	33 (19–58)	27 (15–48)	23 (12–43)
Other salmonella infections	84 (48–140)	88 (55–139)	96 (61–150)	85 (56–128)	73 (45–118)	58 (34–97)	55 (32–94)
Shigellosis	93 (54–155)	97 (59–161)	104 (67–168)	93 (60–142)	78 (48–132)	64 (37–105)	66 (38–114)
Enteropathogenic E coli infection	15 (9–27)	15 (9–26)	14 (9–23)	11 (7–19)	8 (4–15)	6 (3–12)	7 (4–13)
Enterotoxigenic E coli infection	64 (37–110)	77 (48–127)	96 (61–151)	101 (67–153)	102 (61–163)	92 (54–152)	91 (52–153)
Campylobacter enteritis	42 (23–73)	45 (27–76)	50 (31–81)	47 (30–73)	43 (25–75)	37 (20–66)	37 (20–67)
Amoebiasis	25 (15–40)	32 (20–51)	41 (27–64)	45 (30–66)	46 (28–75)	43 (25–73)	44 (26–77)
Cryptosporidiosis	18 (11–30)	19 (12–32)	22 (14–33)	20 (13–30)	18 (11–30)	15 (8–26)	15 (8–26)
Rotaviral enteritis	71 (43–118)	75 (48–118)	80 (52–125)	72 (47–106)	61 (38–100)	51 (30–85)	56 (33–97)
Other diarrheal diseases	283 (152–504)	324 (179–572)	383 (217–627)	385 (220–623)	376 (203–637)	335 (187–594)	340 (181–589)
Typhoid and paratyphoid fevers	754 (90–1,431)	669 (82–1,264)	523 (64–985)	381 (46–718)	276 (34–521)	203 (25–392)	143 (18–272)
Lower respiratory infections	876 (651–1,146)	1,087 (798–1,373)	1,240 (891–1,592)	1,279 (926–1,669)	1,251 (926–1,646)	1,214 (871–1,617)	1,422 (1,052–1,852)
Influenza	173 (126–230)	225 (166–288)	269 (193–346)	291 (209–386)	298 (219–393)	293 (211–395)	333 (244–440)
Pneumococcal pneumonia	160 (118–210)	223 (162–283)	284 (202–364)	319 (227–418)	334 (247–432)	340 (241–452)	402 (296–523)
H influenzae type B pneumonia	155 (114–206)	189 (138–242)	212 (153–277)	216 (155–287)	210 (155–279)	199 (144–272)	216 (159–284)

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Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Respiratory syncytial virus pneumonia	9 (7–11)	11 (8–14)	12 (9–16)	13 (9–17)	13 (9–16)	12 (9–16)	14 (11–19)
Other lower respiratory infections	380 (280–506)	438 (317–561)	462 (332–602)	440 (320–580)	396 (291–530)	369 (267–499)	457 (336–601)
Upper respiratory infections	1 (1–2)	1 (1–2)	2 (1–3)	2 (1–3)	1 (1–2)	1 (1–2)	1 (1–2)
Otitis media	3 (0–30)	2 (0–20)	2 (0–17)	2 (0–19)	1 (0–16)	1 (0–15)	2 (0–18)
Meningitis	522 (399–647)	556 (359–740)	513 (336–713)	429 (272–609)	357 (249–511)	334 (210–485)	274 (185–388)
Pneumococcal meningitis	189 (143–241)	214 (137–291)	202 (131–290)	167 (105–246)	134 (92–198)	123 (75–186)	96 (64–141)
H influenzae type B meningitis	80 (60–104)	44 (28–64)	20 (13–30)	19 (12–30)	18 (12–27)	19 (11–30)	17 (11–25)
Meningococcal infection	123 (93–151)	132 (86–175)	124 (79–167)	94 (61–128)	76 (52–103)	66 (43–92)	53 (36–72)
Other meningitis	130 (100–165)	166 (110–225)	168 (111–233)	150 (95–214)	130 (90–184)	127 (79–184)	108 (73–151)
Encephalitis	177 (113–274)	197 (105–358)	185 (101–341)	169 (89–315)	131 (77–241)	139 (73–254)	100 (57–181)
Diphtheria	1 (0–12)	1 (0–8)	1 (0–7)	1 (0–5)	1 (0–5)	<0·5 (0–4)	1 (0–5)
Whooping cough	5 (0–26)	4 (0–22)	4 (0–22)	4 (0–20)	3 (0–17)	4 (0–19)	4 (0–18)
Tetanus	20 (0–92)	20 (0–95)	22 (0–99)	23 (0–108)	24 (0–114)	25 (0–116)	26 (0–124)
Measles	52 (17–120)	25 (9–58)	11 (4–26)	6 (2–13)	4 (1–8)	3 (1–7)	2 (1–4)
Varicella	4 (0–27)	4 (0–27)	5 (0–32)	6 (0–39)	4 (0–28)	3 (0–19)	2 (0–17)
Neglected tropical diseases and malaria	1,496 (1,008–2,099)	1,863 (1,262–2,734)	1,594 (1,060–2,512)	1,246 (770–2,095)	1,010 (619–1,677)	944 (583–1,568)	857 (522–1,473)
Malaria	1,175 (721–1,783)	1,551 (950–2,403)	1,326 (810–2,250)	1,022 (546–1,890)	804 (433–1,490)	745 (392–1,378)	674 (359–1,251)
Chagas disease	1 (0–8)	2 (0–11)	4 (1–21)	7 (1–32)	10 (2–36)	14 (3–58)	19 (4–80)
Leishmaniasis	172 (94–298)	150 (88–239)	117 (68–184)	92 (52–150)	81 (47–130)	73 (41–119)	62 (36–99)
African trypanosomiasis	45 (5–140)	46 (6–147)	38 (5–119)	27 (3–88)	18 (2–57)	13 (1–41)	9 (1–30)
Schistosomiasis	4 (0–23)	6 (0–34)	6 (0–36)	6 (0–35)	10 (0–54)	14 (0–77)	16 (0–94)
Cysticercosis	2 (0–6)	2 (0–9)	3 (0–12)	3 (0–11)	2 (0–8)	2 (0–7)	2 (0–7)
Echinococcosis	1 (0–3)	1 (0–4)	1 (0–4)	1 (0–4)	1 (0–5)	1 (0–5)	2 (0–6)
Dengue	28 (8–60)	23 (6–52)	21 (6–47)	20 (5–54)	15 (5–35)	12 (4–27)	11 (3–22)

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Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Rabies	47 (21–95)	51 (22–105)	48 (21–104)	39 (17–81)	35 (14–76)	37 (16–77)	31 (13–61)
Intestinal nematode infections	1 (0–7)	1 (0–5)	1 (0–3)	1 (0–4)	1 (0–3)	1 (0–3)	<0·5 (0–2)
Ascariasis	1 (0–7)	1 (0–5)	1 (0–3)	1 (0–4)	1 (0–3)	1 (0–3)	<0·5 (0–2)
Other neglected tropical diseases	20 (10–45)	29 (16–60)	29 (16–62)	28 (14–59)	32 (17–67)	32 (15–76)	31 (14–76)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	324 (224–489)	410 (273–617)	386 (280–543)	352 (243–528)	332 (228–528)	295 (200–502)	290 (188–468)
Protein-energy malnutrition	242 (151–393)	303 (185–470)	288 (200–431)	272 (172–437)	268 (159–463)	243 (146–453)	241 (147–405)
Iodine deficiency	6 (4–8)	13 (8–19)	11 (8–15)	6 (4–9)	3 (2–4)	2 (1–3)	2 (1–2)
Iron-deficiency anemia	73 (48–106)	90 (59–132)	83 (59–114)	70 (46–104)	56 (36–79)	42 (26–62)	40 (27–54)
Other nutritional deficiencies	4 (2–5)	4 (3–6)	4 (3–6)	4 (3–6)	5 (3–8)	7 (4–10)	7 (5–10)
Other communicable, maternal, neonatal, and nutritional disorders	500 (342–750)	643 (448–971)	653 (482–923)	694 (510–1,003)	741 (530–1,091)	825 (592–1,230)	875 (606–1,390)
Sexually transmitted diseases excluding HIV	11 (7–22)	15 (9–33)	16 (10–34)	16 (9–34)	14 (9–28)	12 (8–26)	11 (7–22)
Syphilis	11 (7–22)	15 (9–32)	16 (10–34)	16 (9–34)	14 (9–28)	12 (8–24)	11 (7–19)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Sexually transmitted chlamydial diseases	–	–	–	–	–	–	–
Gonococcal infection	–	–	–	–	–	–	–
Other sexually transmitted diseases	–	–	–	–	–	–	–
Hepatitis	292 (162–512)	399 (228–701)	386 (254–622)	399 (254–674)	473 (302–802)	581 (374–969)	616 (373–1,119)
Acute hepatitis A	47 (10–164)	77 (18–263)	89 (21–274)	112 (28–366)	143 (37–463)	188 (53–574)	181 (41–581)
Acute hepatitis B	41 (20–74)	84 (42–147)	109 (55–212)	139 (67–243)	208 (114–370)	308 (170–524)	383 (174–758)
Acute hepatitis C	3 (1–7)	6 (3–11)	13 (7–26)	18 (9–35)	27 (13–52)	37 (17–87)	41 (20–79)
Acute hepatitis E	200 (68–447)	233 (73–536)	174 (70–353)	129 (51–267)	95 (33–212)	48 (12–120)	11 (2–36)
Other infectious diseases	197 (126–309)	230 (155–339)	252 (147–367)	280 (160–402)	255 (137–370)	231 (133–359)	249 (146–381)
Non-communicable diseases	6,375 (5,767–7,109)	8,702 (7,894–9,516)	9,787 (9,011–10,619)	11,555 (10,642–12,476)	15,656 (14,424–16,986)	22,030 (20,450–23,697)	29,265 (27,177–31,322)
Neoplasms	1,606 (1,270–1,875)	1,846 (1,487–2,136)	1,930 (1,577–2,217)	2,348 (2,007–2,670)	3,595 (3,134–4,130)	5,720 (5,097–6,556)	8,240 (7,390–9,262)
Esophageal cancer	5 (3–7)	15 (11–22)	26 (17–39)	47 (29–71)	119 (72–178)	295 (182–426)	548 (353–745)
Stomach cancer	56 (15–116)	90 (36–167)	118 (58–178)	174 (108–246)	299 (199–452)	544 (374–813)	805 (506–1,133)
Liver cancer	79 (51–126)	162 (99–256)	268 (177–388)	419 (288–615)	801 (547–1,223)	1,231 (877–1,901)	1,550 (1,170–2,238)
Liver cancer secondary to hepatitis B	37 (23–63)	79 (48–128)	133 (84–201)	210 (142–314)	410 (271–635)	638 (445–1,016)	798 (591–1,180)
Liver cancer secondary to hepatitis C	3 (2–5)	7 (4–11)	12 (8–16)	18 (13–26)	47 (33–70)	121 (89–181)	217 (168–299)
Liver cancer secondary to alcohol use	4 (3–7)	22 (14–35)	51 (34–77)	95 (65–142)	189 (128–285)	272 (193–403)	325 (246–473)
Other liver cancer	34 (23–53)	53 (34–82)	72 (49–104)	96 (67–142)	156 (107–241)	199 (144–290)	211 (161–300)
Larynx cancer	3 (1–5)	5 (2–10)	6 (3–11)	15 (7–28)	37 (16–67)	111 (51–195)	204 (95–373)
Trachea, bronchus and lung cancers	34 (20–48)	79 (43–112)	113 (66–157)	197 (127–260)	398 (260–555)	867 (610–1,166)	1,572 (1,121–2,152)
Breast cancer	–	–	–	–	–	–	–
Cervical cancer	–	–	–	–	–	–	–
Uterine cancer	–	–	–	–	–	–	–
Prostate cancer	5 (2–9)	6 (3–12)	5 (2–8)	6 (3–10)	8 (4–13)	15 (8–25)	37 (18–57)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Males, 15-19 Years**	**Males, 20-24 Years**	**Males, 25-29 Years**	**Males, 30-34 Years**	**Males, 35-39 Years**	**Males, 40-44 Years**	**Males, 45-49 Years**
Colon and rectum cancers	37 (27–48)	92 (70–118)	125 (101–156)	173 (140–214)	251 (210–328)	350 (299–448)	531 (466–645)
Mouth cancer	13 (9–19)	20 (12–27)	35 (21–49)	65 (39–95)	99 (64–139)	159 (118–203)	253 (196–310)
Nasopharynx cancer	24 (12–44)	31 (15–54)	43 (20–86)	47 (23–82)	100 (49–188)	170 (83–326)	193 (95–346)
Cancer of other part of pharynx and oropharynx	11 (6–20)	16 (8–30)	25 (12–46)	38 (19–72)	62 (31–106)	132 (67–208)	209 (108–291)
Gallbladder and biliary tract cancer	10 (1–40)	21 (3–95)	21 (3–91)	27 (6–91)	49 (17–125)	64 (26–112)	84 (38–130)
Pancreatic cancer	11 (4–24)	17 (7–36)	23 (11–41)	41 (24–58)	86 (55–117)	164 (108–225)	288 (183–401)
Malignant melanoma of skin	7 (3–15)	13 (7–25)	18 (9–34)	26 (14–53)	36 (21–73)	51 (28–95)	65 (33–123)
Non-melanoma skin cancer	5 (2–8)	7 (3–11)	10 (4–16)	11 (5–20)	15 (6–25)	20 (8–34)	25 (11–44)
Ovarian cancer	–	–	–	–	–	–	–
Testicular cancer	23 (12–33)	47 (28–69)	48 (28–67)	39 (24–56)	32 (19–46)	25 (16–37)	21 (13–30)
Kidney and other urinary organ cancers	19 (7–68)	21 (9–50)	19 (9–39)	26 (14–46)	56 (30–89)	102 (61–153)	181 (118–282)
Bladder cancer	7 (4–10)	11 (7–14)	12 (8–16)	20 (15–27)	30 (22–40)	56 (40–75)	100 (71–127)
Brain and nervous system cancers	122 (50–191)	124 (49–180)	137 (55–204)	166 (72–229)	217 (95–327)	265 (125–432)	327 (150–489)
Thyroid cancer	6 (2–13)	9 (4–19)	7 (4–11)	10 (6–17)	14 (8–23)	22 (12–38)	30 (17–46)
Hodgkin's disease	22 (11–37)	31 (16–52)	33 (17–56)	33 (17–56)	27 (15–48)	25 (13–43)	29 (15–52)
Non-Hodgkin's lymphoma	194 (127–279)	180 (129–239)	153 (111–192)	157 (116–198)	162 (119–199)	211 (152–258)	239 (183–285)
Multiple myeloma	10 (3–26)	9 (3–24)	8 (3–18)	9 (4–18)	17 (8–30)	35 (17–60)	54 (28–91)
Leukemia	490 (345–626)	449 (295–574)	336 (230–419)	264 (181–340)	277 (190–350)	281 (206–373)	271 (195–350)
Other neoplasms	414 (218–620)	391 (209–556)	339 (177–515)	336 (182–495)	403 (227–617)	524 (300–781)	621 (355–899)
Cardiovascular and circulatory diseases	1,342 (1,181–1,556)	2,183 (1,924–2,488)	2,711 (2,442–3,026)	3,560 (3,227–3,954)	5,194 (4,693–5,779)	8,091 (7,425–8,941)	11,075 (10,208–12,082)
Rheumatic heart disease	159 (116–218)	192 (148–252)	234 (174–319)	258 (194–354)	295 (223–398)	337 (249–464)	379 (276–522)
Ischemic heart disease	424 (299–587)	816 (641–1,056)	1,091 (858–1,363)	1,629 (1,295–2,017)	2,492 (2,056–2,983)	4,127 (3,381–4,873)	5,741 (4,712–6,697)
Cerebrovascular disease	356 (260–451)	610 (434–759)	695 (500–859)	903 (668–1,089)	1,337 (994–1,577)	2,166 (1,663–2,514)	3,171 (2,474–3,679)
Ischemic stroke	48 (36–58)	78 (58–102)	98 (74–123)	129 (104–160)	165 (136–204)	302 (253–396)	542 (453–735)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Hemorrhagic and other non-ischemic stroke	309 (201–416)	532 (377–692)	597 (428–776)	775 (572–975)	1,173 (855–1,487)	1,864 (1,373–2,311)	2,629 (1,967–3,258)
Hypertensive heart disease	50 (34–67)	83 (56–108)	108 (77–138)	140 (101–181)	228 (164–303)	366 (274–463)	505 (401–638)
Cardiomyopathy and myocarditis	169 (122–238)	219 (167–290)	274 (210–351)	302 (239–394)	390 (311–504)	563 (424–755)	631 (498–787)
Atrial fibrillation and flutter	–	–	–	5 (2–10)	7 (4–11)	10 (5–17)	15 (8–24)
Aortic aneurysm	15 (8–28)	22 (12–41)	27 (16–45)	35 (20–65)	52 (31–90)	80 (48–143)	113 (70–189)
Peripheral vascular disease	–	–	–	–	–	8 (3–18)	13 (5–26)
Endocarditis	27 (18–41)	42 (27–60)	61 (33–108)	48 (29–74)	62 (34–101)	71 (38–121)	60 (41–85)
Other cardiovascular and circulatory diseases	142 (119–171)	200 (168–236)	222 (190–261)	240 (207–277)	331 (282–384)	362 (318–409)	447 (392–512)
Chronic respiratory diseases	400 (328–498)	549 (457–675)	646 (548–780)	655 (552–812)	861 (699–1,097)	1,133 (904–1,406)	1,638 (1,350–2,080)
Chronic obstructive pulmonary disease	130 (82–215)	194 (129–294)	227 (148–348)	260 (172–391)	376 (249–564)	587 (408–849)	950 (669–1,359)
Pneumoconiosis	13 (4–31)	17 (6–39)	25 (9–53)	31 (12–64)	43 (17–87)	52 (22–107)	73 (32–143)
Asthma	153 (90–303)	184 (110–360)	217 (136–405)	194 (123–363)	225 (134–464)	250 (151–475)	334 (200–672)
Other interstitial lung disease	16 (9–27)	22 (13–37)	26 (15–42)	27 (16–44)	38 (22–65)	51 (31–88)	70 (42–120)
Other chronic respiratory diseases	88 (60–145)	131 (88–195)	150 (114–240)	144 (102–208)	179 (119–257)	193 (125–281)	211 (137–306)
Cirrhosis of the liver	164 (119–227)	350 (248–483)	646 (469–832)	1,175 (856–1,554)	1,771 (1,306–2,310)	2,423 (1,798–3,088)	2,890 (2,133–3,576)
Cirrhosis of the liver secondary to hepatitis B	46 (34–69)	95 (70–139)	161 (121–225)	281 (214–383)	439 (325–605)	650 (486–875)	813 (592–1,087)
Cirrhosis of the liver secondary to hepatitis C	22 (16–32)	45 (34–65)	82 (61–112)	147 (110–194)	242 (176–324)	402 (296–512)	563 (403–715)
Cirrhosis of the liver secondary to alcohol use	14 (10–22)	80 (59–119)	211 (154–285)	459 (346–622)	719 (517–968)	933 (691–1,205)	1,070 (763–1,357)
Other cirrhosis of the liver	81 (60–122)	129 (97–188)	192 (143–257)	288 (216–385)	371 (272–500)	437 (322–559)	444 (312–564)
Digestive diseases (except cirrhosis)	402 (308–531)	631 (474–804)	724 (559–922)	875 (671–1,087)	1,032 (797–1,330)	1,135 (864–1,492)	1,280 (981–1,605)
Peptic ulcer disease	112 (71–170)	169 (104–261)	200 (132–290)	255 (165–382)	309 (212–465)	329 (237–486)	380 (269–559)
Gastritis and duodenitis	5 (3–10)	10 (4–18)	9 (5–16)	12 (7–20)	14 (8–25)	16 (9–25)	17 (10–27)
Appendicitis	32 (15–58)	39 (16–72)	38 (16–74)	38 (16–66)	35 (14–60)	33 (14–54)	33 (14–54)
Paralytic ileus and intestinal obstruction without hernia	69 (42–117)	94 (56–154)	95 (56–149)	110 (65–177)	127 (76–218)	128 (78–217)	137 (82–246)

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Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Inguinal or femoral hernia	4 (4–4)	5 (5–5)	5 (5–6)	6 (6–7)	8 (8–8)	9 (9–9)	12 (12–13)
Noninfective inflammatory bowel disease	13 (8–19)	28 (16–48)	27 (16–38)	28 (18–40)	27 (19–39)	25 (18–35)	27 (18–40)
Vascular disorders of intestine	5 (1–14)	8 (1–20)	11 (2–35)	11 (2–35)	12 (3–38)	22 (5–70)	33 (7–106)
Gall bladder and bile duct disease	19 (12–32)	31 (20–50)	29 (19–46)	34 (23–56)	42 (28–68)	49 (33–76)	54 (38–78)
Pancreatitis	30 (17–48)	62 (41–92)	109 (69–166)	137 (93–201)	155 (106–223)	163 (111–236)	167 (116–235)
Other digestive diseases	113 (73–185)	185 (126–292)	201 (137–308)	243 (165–393)	304 (202–512)	360 (236–596)	419 (282–700)
Neurological disorders	1,021 (710–1,533)	1,101 (780–1,591)	927 (682–1,305)	828 (577–1,313)	789 (567–1,217)	800 (565–1,262)	852 (594–1,333)
Alzheimer's disease and other dementias	20 (13–29)	21 (15–29)	20 (13–30)	24 (15–35)	31 (18–49)	36 (23–55)	50 (29–86)
Parkinson's disease	–	9 (4–14)	9 (4–12)	7 (4–10)	8 (5–13)	10 (6–14)	13 (8–19)
Epilepsy	420 (258–560)	537 (329–701)	477 (305–637)	375 (251–496)	320 (206–424)	271 (178–369)	232 (146–323)
Multiple sclerosis	–	6 (4–9)	13 (9–20)	15 (10–23)	23 (16–39)	26 (18–38)	32 (23–46)
Other neurological disorders	581 (317–1,086)	527 (286–989)	409 (232–783)	408 (214–880)	407 (225–837)	457 (249–910)	524 (282–988)
Mental and behavioral disorders	151 (91–244)	423 (231–693)	632 (391–994)	659 (433–1,010)	702 (465–1,160)	768 (492–1,216)	808 (485–1,310)
Schizophrenia	–	–	35 (23–56)	36 (24–56)	53 (33–82)	50 (35–71)	45 (29–67)
Alcohol use disorders	22 (10–39)	70 (29–118)	145 (61–270)	236 (101–439)	340 (150–608)	441 (218–765)	532 (245–965)
Drug use disorders	113 (56–201)	331 (151–575)	426 (197–768)	363 (185–633)	285 (130–548)	256 (108–524)	206 (85–398)
Opioid use disorders	62 (32–111)	187 (85–334)	242 (112–442)	205 (106–361)	160 (73–314)	144 (59–282)	119 (48–231)
Cocaine use disorders	1 (0–1)	2 (1–2)	3 (1–3)	3 (1–3)	2 (0–2)	2 (0–2)	2 (0–2)
Amphetamine use disorders	1 (0–1)	2 (0–2)	2 (1–2)	2 (1–2)	2 (0–2)	2 (0–2)	1 (0–1)
Other drug use disorders	49 (25–87)	139 (64–254)	179 (86–335)	153 (82–284)	122 (58–229)	108 (46–214)	84 (35–161)
Eating disorders	8 (4–12)	12 (6–20)	12 (6–19)	10 (5–16)	8 (4–13)	5 (2–9)	5 (2–8)
Other mental and behavioral disorders	8 (4–12)	11 (6–17)	14 (6–22)	14 (7–23)	17 (8–28)	17 (8–29)	20 (9–33)
Diabetes, urogenital, blood, and endocrine diseases	836 (655–1,204)	1,160 (923–1,484)	1,164 (978–1,566)	1,184 (991–1,521)	1,401 (1,170–1,821)	1,671 (1,408–2,133)	2,167 (1,776–2,683)
Diabetes mellitus	111 (75–149)	207 (132–282)	256 (196–331)	330 (255–429)	472 (331–610)	653 (464–793)	974 (708–1,149)

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Acute glomerulonephritis	141 (41–493)	125 (41–405)	142 (39–510)	124 (36–404)	133 (36–507)	142 (35–511)	129 (36–428)
Chronic kidney diseases	246 (183–311)	443 (308–562)	385 (307–462)	394 (321–484)	462 (382–551)	528 (433–622)	671 (537–796)
Chronic kidney disease due to diabetes mellitus	<0·5 (0–1)	18 (13–23)	31 (24–39)	45 (36–57)	69 (55–85)	97 (79–119)	152 (122–186)
Chronic kidney disease due to hypertension	42 (31–53)	81 (57–104)	77 (61–96)	87 (70–107)	110 (90–133)	135 (113–161)	168 (137–202)
Chronic kidney disease unspecified	204 (153–260)	344 (242–441)	278 (222–335)	262 (213–324)	284 (236–343)	295 (243–356)	351 (284–423)
Urinary diseases and male infertility	53 (30–77)	81 (46–119)	94 (53–140)	96 (52–142)	115 (62–161)	120 (70–180)	151 (88–228)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	26 (13–40)	38 (18–55)	44 (24–68)	45 (23–68)	53 (26–80)	58 (31–92)	78 (41–126)
Urolithiasis	4 (2–7)	7 (4–13)	8 (4–13)	8 (5–14)	14 (7–25)	16 (8–27)	17 (8–33)
Other urinary diseases	23 (12–37)	36 (18–56)	43 (23–70)	42 (21–69)	48 (24–72)	46 (26–74)	57 (30–90)
Gynecological diseases	–	–	–	–	–	–	–
Uterine fibroids	–	–	–	–	–	–	–
Endometriosis	–	–	–	–	–	–	–
Genital prolapse	–	–	–	–	–	–	–
Other gynecological diseases	–	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	152 (101–228)	146 (100–229)	124 (82–184)	88 (60–136)	69 (46–107)	65 (42–109)	56 (37–89)
Thalassemias	71 (46–105)	65 (44–91)	51 (35–71)	36 (25–51)	29 (20–43)	26 (18–39)	19 (14–27)
Sickle cell disorders	44 (24–90)	39 (22–85)	34 (19–68)	24 (14–47)	18 (10–32)	14 (8–27)	13 (7–23)
G6PD deficiency	8 (5–11)	6 (4–9)	5 (4–7)	4 (3–5)	3 (2–5)	3 (2–5)	3 (2–4)
Other hemoglobinopathies and hemolytic anemias	30 (11–67)	35 (14–68)	34 (12–70)	23 (7–49)	19 (5–45)	21 (6–50)	21 (7–42)
Other endocrine, nutritional, blood, and immune disorders	134 (59–260)	160 (63–293)	163 (65–293)	152 (63–306)	150 (66–292)	164 (76–366)	186 (93–394)
Musculoskeletal disorders	69 (40–115)	86 (48–138)	81 (42–128)	70 (37–117)	77 (42–131)	85 (45–145)	93 (53–160)
Rheumatoid arthritis	15 (8–28)	20 (12–38)	17 (9–32)	17 (10–33)	19 (10–33)	23 (13–38)	26 (16–44)
Other musculoskeletal disorders	54 (30–94)	65 (37–112)	64 (34–111)	52 (28–87)	58 (30–99)	62 (32–107)	68 (39–117)
Other non-communicable diseases	385 (270–520)	373 (267–503)	327 (241–441)	202 (150–254)	233 (163–302)	204 (150–261)	222 (158–283)

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Congenital anomalies	341 (226–477)	308 (207–437)	258 (171–368)	125 (82–164)	131 (89–177)	119 (81–156)	132 (85–179)
Neural tube defects	21 (9–48)	18 (8–38)	19 (7–48)	8 (4–16)	9 (4–19)	9 (4–20)	9 (4–19)
Congenital heart anomalies	220 (160–312)	198 (141–284)	156 (105–234)	72 (52–99)	68 (50–91)	54 (40–71)	55 (38–76)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	13 (8–21)	16 (9–29)	17 (10–28)	9 (5–15)	10 (7–16)	10 (6–16)	15 (9–24)
Other chromosomal abnormalities	7 (4–14)	7 (3–15)	6 (3–13)	3 (2–6)	3 (1–5)	3 (1–6)	3 (1–6)
Other congenital anomalies	81 (50–136)	68 (43–107)	59 (38–104)	32 (22–46)	40 (25–69)	43 (26–75)	50 (30–87)
Skin and subcutaneous diseases	44 (31–57)	65 (42–88)	69 (42–99)	77 (47–110)	103 (54–154)	85 (49–125)	90 (50–128)
Cellulitis	14 (10–18)	19 (12–25)	20 (12–29)	24 (15–35)	35 (19–54)	29 (17–43)	33 (18–46)
Abscess, impetigo, and other bacterial skin diseases	20 (14–26)	28 (19–38)	29 (18–43)	33 (21–47)	42 (22–63)	35 (20–50)	36 (20–51)
Decubitus ulcer	9 (6–12)	18 (12–24)	19 (12–28)	19 (12–27)	25 (14–39)	20 (12–29)	20 (11–29)
Other skin and subcutaneous diseases	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	15,360 (13,559–18,021)	22,502 (19,670–25,661)	19,512 (16,909–22,380)	15,176 (13,128–17,562)	13,269 (11,223–15,723)	11,295 (9,566–13,479)	9,583 (8,156–11,377)
Transport injuries	5,293 (3,929–7,054)	7,825 (5,764–10,050)	6,642 (4,815–9,075)	4,870 (3,523–6,999)	4,352 (3,034–6,445)	3,607 (2,495–5,239)	2,983 (2,162–4,581)
Road injury	5,049 (3,680–6,656)	7,416 (5,331–9,885)	6,311 (4,676–8,628)	4,608 (3,281–6,563)	4,147 (2,902–6,093)	3,433 (2,291–5,155)	2,839 (1,895–4,349)
Pedestrian injury by road vehicle	1,533 (985–2,488)	2,164 (1,390–3,229)	1,956 (1,269–3,184)	1,502 (957–2,511)	1,416 (851–2,361)	1,233 (727–2,149)	1,001 (628–1,706)
Pedal cycle vehicle	346 (225–510)	406 (248–607)	349 (214–545)	254 (158–390)	216 (136–327)	177 (114–269)	166 (103–263)
Motorized vehicle with two wheels	1,092 (775–1,532)	1,662 (1,117–2,252)	1,364 (927–1,814)	908 (647–1,220)	803 (544–1,169)	606 (400–898)	509 (328–782)
Motorized vehicle with three or more wheels	1,788 (1,280–2,304)	2,800 (1,908–3,654)	2,272 (1,585–3,007)	1,649 (1,150–2,186)	1,455 (993–2,075)	1,186 (813–1,699)	971 (675–1,334)
Road injury other	290 (106–777)	384 (139–1,100)	371 (135–1,051)	295 (100–866)	257 (79–811)	231 (62–891)	192 (51–728)
Other transport injury	244 (178–369)	410 (269–581)	331 (236–507)	261 (188–377)	205 (144–296)	174 (122–286)	144 (105–214)
Unintentional injuries other than transport injuries	4,542 (3,908–5,203)	6,151 (5,238–7,034)	5,345 (4,522–6,181)	4,501 (3,772–5,317)	4,227 (3,472–4,966)	3,783 (3,110–4,513)	3,295 (2,695–3,867)
Falls	560 (360–822)	887 (560–1,338)	798 (512–1,113)	743 (468–1,087)	792 (495–1,165)	810 (498–1,191)	773 (479–1,128)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Males, 15-19 Years**	**Males, 20-24 Years**	**Males, 25-29 Years**	**Males, 30-34 Years**	**Males, 35-39 Years**	**Males, 40-44 Years**	**Males, 45-49 Years**
	1,586	1,467	1,043	785	682	582	479
Drowning	(1,233–2,180)	(1,145–2,023)	(819–1,499)	(602–1,157)	(520–976)	(446–867)	(364–695)
	444	717	702	606	520	442	334
Fire, heat and hot substances	(239–797)	(397–1,196)	(378–1,134)	(316–1,115)	(270–998)	(227–827)	(181–603)
	348	631	620	539	534	489	394
Poisonings	(211–534)	(373–977)	(364–957)	(323–818)	(296–845)	(259–784)	(224–581)
	667	1,035	956	789	690	574	505
Exposure to mechanical forces	(387–934)	(627–1,412)	(573–1,314)	(473–1,134)	(386–1,060)	(341–831)	(272–705)
	346	498	396	307	236	174	135
Mechanical forces (firearm)	(208–534)	(284–737)	(228–567)	(166–449)	(125–395)	(99–273)	(70–218)
	321	537	560	482	454	399	370
Mechanical forces (other)	(152–562)	(284–800)	(296–825)	(257–752)	(250–746)	(224–601)	(205–539)
	92	131	117	98	94	85	93
Adverse effects of medical treatment	(61–137)	(89–198)	(85–172)	(72–143)	(67–137)	(61–122)	(71–123)
	136	169	126	108	105	85	93
Animal contact	(66–253)	(84–315)	(61–250)	(51–211)	(48–197)	(42–153)	(43–182)
	105	136	99	85	83	68	74
Animal contact (venomous)	(39–244)	(52–276)	(32–224)	(29–202)	(29–189)	(27–158)	(23–192)
	30	34	27	24	22	18	19
Animal contact (non-venomous)	(14–53)	(16–60)	(13–47)	(11–43)	(10–40)	(9–32)	(9–34)
	710	1,114	984	833	809	715	625
Unintentional injuries not classified elsewhere	(535–949)	(845–1,503)	(771–1,278)	(657–1,081)	(616–1,055)	(547–906)	(465–836)
	4,430	7,463	6,603	5,139	4,185	3,462	2,927
Self-harm and interpersonal violence	(3,427–5,575)	(5,744–9,175)	(5,239–8,172)	(3,977–6,476)	(3,258–5,482)	(2,702–4,626)	(2,196–3,898)
	2,084	3,530	3,029	2,521	2,318	2,153	1,970
Self-harm	(1,437–3,022)	(2,268–5,012)	(2,031–4,183)	(1,714–3,537)	(1,506–3,305)	(1,461–3,178)	(1,276–2,820)
	2,346	3,933	3,574	2,618	1,867	1,309	957
Interpersonal violence	(1,634–2,991)	(2,725–5,162)	(2,524–4,878)	(1,772–3,687)	(1,300–2,708)	(894–1,897)	(658–1,562)
	1,288	2,020	1,795	1,288	900	617	415
Assault by firearm	(894–1,601)	(1,548–2,468)	(1,340–2,247)	(924–1,654)	(663–1,240)	(422–854)	(302–621)
	604	1,113	1,036	776	541	372	285
Assault by sharp object	(332–888)	(616–1,717)	(591–1,657)	(457–1,305)	(315–898)	(220–672)	(160–512)
	454	799	743	554	426	320	257
Assault by other means	(299–635)	(550–1,103)	(490–1,054)	(358–799)	(293–623)	(213–481)	(171–391)
	1,094	1,063	922	666	504	443	379
Forces of nature, war, and legal intervention	(407–3,231)	(429–2,911)	(382–2,459)	(287–1,708)	(230–1,226)	(212–1,021)	(192–819)
	1,041	1,002	870	621	464	407	346
Exposure to forces of nature	(373–3,116)	(391–2,781)	(349–2,348)	(259–1,612)	(207–1,140)	(192–944)	(174–749)
	54	61	52	45	40	36	32
Collective violence and legal intervention	(30–113)	(34–130)	(29–111)	(25–96)	(23–86)	(20–76)	(18–69)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
All causes	55,511 (51,409–60,059)	59,678 (55,632–63,745)	56,144 (52,522–59,578)	50,480 (47,587–53,169)	47,992 (45,598–50,158)	36,803 (35,357–38,218)	35,110 (34,184–35,957)
Communicable, maternal, neonatal, and nutritional disorders	9,136 (7,519–10,913)	7,509 (6,142–9,103)	6,378 (5,164–7,686)	5,328 (4,368–6,404)	4,665 (3,866–5,511)	3,496 (2,915–4,067)	3,827 (3,167–4,386)
HIV/AIDS and tuberculosis	4,297 (3,197–5,401)	2,976 (2,124–3,890)	2,214 (1,493–2,999)	1,657 (1,091–2,291)	1,142 (754–1,614)	653 (438–936)	360 (228–543)
Tuberculosis	2,437 (1,543–3,373)	2,156 (1,457–2,949)	1,881 (1,225–2,611)	1,541 (999–2,171)	1,110 (719–1,588)	653 (438–936)	360 (228–543)
HIV/AIDS	1,860 (1,374–2,404)	820 (444–1,261)	333 (132–653)	115 (45–304)	33 (18–78)	–	–
HIV disease resulting in mycobacterial infection	297 (205–398)	129 (59–207)	50 (15–109)	16 (4–50)	4 (1–12)	–	–
HIV disease resulting in other specified or unspecified diseases	1,563 (1,169–2,015)	691 (383–1,042)	283 (119–546)	99 (41–253)	29 (16–66)	–	–
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	2,814 (2,188–3,508)	2,732 (2,070–3,478)	2,642 (1,978–3,312)	2,440 (1,888–2,993)	2,559 (1,977–3,159)	2,173 (1,720–2,608)	2,911 (2,338–3,435)
Diarrheal diseases	713 (497–1,126)	718 (442–1,177)	742 (450–1,225)	616 (394–950)	615 (380–1,009)	422 (255–702)	416 (279–613)
Cholera	18 (10–34)	15 (7–29)	12 (6–23)	6 (3–11)	4 (1–8)	2 (1–5)	2 (1–3)
Other salmonella infections	49 (30–84)	44 (25–78)	40 (22–75)	30 (17–52)	27 (15–50)	20 (11–35)	22 (13–37)
Shigellosis	65 (39–115)	68 (37–124)	72 (38–138)	61 (33–106)	62 (33–117)	43 (22–81)	42 (24–71)
Enteropathogenic E coli infection	8 (5–15)	9 (5–17)	11 (5–23)	10 (5–19)	12 (6–23)	10 (5–20)	14 (7–26)
Enterotoxigenic E coli infection	86 (52–147)	84 (48–148)	84 (46–159)	68 (38–114)	66 (36–122)	43 (23–83)	40 (23–65)
Campylobacter enteritis	36 (21–64)	36 (19–66)	37 (19–73)	30 (16–57)	33 (17–64)	27 (14–54)	34 (19–60)
Amoebiasis	44 (27–76)	46 (26–80)	50 (27–94)	42 (24–74)	43 (23–81)	29 (15–57)	28 (15–49)
Cryptosporidiosis	14 (8–24)	14 (8–25)	14 (8–28)	12 (6–21)	11 (6–23)	8 (4–15)	7 (4–13)
Rotaviral enteritis	59 (37–97)	63 (36–111)	69 (38–129)	61 (35–102)	61 (34–114)	39 (21–73)	32 (19–53)
Other diarrheal diseases	333 (186–602)	339 (170–621)	354 (174–660)	296 (157–545)	296 (147–545)	200 (99–395)	193 (104–334)
Typhoid and paratyphoid fevers	99 (12–188)	64 (8–122)	34 (4–65)	25 (3–47)	23 (3–43)	15 (2–28)	9 (1–17)
Lower respiratory infections	1,531 (1,120–2,016)	1,604 (1,111–2,140)	1,580 (1,080–2,007)	1,609 (1,157–2,031)	1,763 (1,250–2,151)	1,636 (1,237–1,989)	2,409 (1,855–2,897)
Influenza	346 (254–456)	351 (242–476)	333 (229–424)	327 (233–415)	344 (244–421)	307 (230–374)	417 (320–506)
Pneumococcal pneumonia	435 (317–571)	460 (319–604)	458 (312–576)	471 (338–594)	523 (370–636)	493 (371–597)	750 (583–897)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
H influenzae type B pneumonia	216 (157–282)	208 (144–282)	185 (129–236)	170 (122–215)	167 (119–204)	137 (103–166)	152 (115–184)
Respiratory syncytial virus pneumonia	15 (11–20)	16 (11–21)	16 (11–20)	16 (12–20)	18 (12–22)	16 (12–20)	24 (19–29)
Other lower respiratory infections	518 (375–691)	568 (390–778)	588 (404–763)	625 (442–797)	711 (501–874)	684 (511–839)	1,066 (823–1,286)
Upper respiratory infections	2 (1–2)	2 (1–2)	2 (1–3)	2 (1–3)	2 (1–2)	2 (1–2)	2 (2–2)
Otitis media	2 (0–25)	1 (0–13)	1 (0–10)	1 (0–8)	1 (0–6)	<0·5 (0–4)	<0·5 (0–3)
Meningitis	308 (178–456)	219 (142–334)	198 (120–304)	135 (91–203)	109 (71–184)	70 (46–115)	52 (29–93)
Pneumococcal meningitis	106 (60–163)	73 (46–116)	64 (38–100)	41 (27–63)	31 (19–55)	19 (12–32)	12 (6–23)
H influenzae type B meningitis	21 (12–34)	16 (10–27)	16 (10–27)	12 (8–19)	11 (6–20)	7 (5–13)	6 (3–13)
Meningococcal infection	56 (34–81)	38 (26–54)	34 (21–49)	23 (15–32)	16 (11–25)	10 (6–15)	6 (3–9)
Other meningitis	124 (74–181)	92 (60–137)	84 (51–127)	59 (41–89)	51 (34–84)	34 (23–55)	28 (16–48)
Encephalitis	123 (55–232)	84 (42–170)	71 (36–143)	41 (20–83)	36 (16–78)	22 (11–46)	18 (8–40)
Diphtheria	1 (0–5)	<0·5 (0–4)	–	–	–	–	–
Whooping cough	3 (0–13)	7 (0–37)	–	–	–	–	–
Tetanus	28 (0–131)	28 (0–130)	12 (0–57)	11 (0–53)	9 (0–42)	5 (0–25)	2 (0–12)
Measles	2 (1–4)	1 (1–3)	–	–	–	–	–
Varicella	3 (0–17)	2 (0–13)	2 (0–11)	2 (0–10)	2 (0–10)	2 (0–12)	3 (0–23)
Neglected tropical diseases and malaria	800 (482–1,378)	712 (414–1,247)	543 (324–905)	405 (247–628)	306 (180–501)	196 (115–335)	120 (72–200)
Malaria	637 (332–1,194)	566 (286–1,077)	434 (233–789)	318 (166–536)	242 (121–442)	155 (76–281)	93 (47–172)
Chagas disease	22 (5–86)	24 (5–88)	21 (5–82)	17 (3–68)	13 (3–49)	9 (2–33)	7 (2–24)
Leishmaniasis	50 (29–77)	38 (22–61)	24 (14–38)	16 (10–25)	12 (7–18)	6 (4–11)	4 (2–6)
African trypanosomiasis	6 (1–19)	3 (0–9)	1 (0–4)	1 (0–2)	<0·5 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)
Schistosomiasis	18 (0–105)	21 (0–121)	17 (0–99)	12 (0–73)	9 (0–57)	6 (0–36)	2 (0–13)
Cysticercosis	2 (0–6)	1 (0–5)	1 (0–4)	1 (0–3)	<0·5 (0–2)	<0·5 (0–1)	<0·5 (0–1)

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Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
Echinococcosis	1 (0–5)	2 (0–6)	1 (0–5)	1 (0–4)	1 (0–4)	1 (0–3)	<0·5 (0–2)
Dengue	9 (2–22)	8 (3–16)	7 (2–14)	5 (1–10)	3 (1–6)	3 (1–6)	3 (1–6)
Rabies	30 (11–67)	26 (9–57)	18 (7–39)	15 (6–37)	10 (4–22)	5 (2–9)	2 (1–4)
Intestinal nematode infections	<0·5 (0–2)	<0·5 (0–2)	<0·5 (0–2)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–1)
Ascariasis	<0·5 (0–2)	<0·5 (0–2)	<0·5 (0–2)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–1)
Other neglected tropical diseases	24 (12–48)	23 (11–48)	18 (8–36)	18 (7–39)	15 (6–30)	11 (4–25)	9 (3–22)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	274 (191–417)	279 (193–433)	336 (221–528)	306 (197–482)	288 (198–458)	239 (162–379)	295 (196–462)
Protein-energy malnutrition	229 (140–375)	233 (148–366)	287 (175–469)	258 (155–429)	244 (152–416)	202 (123–338)	241 (138–401)
Iodine deficiency	1 (1–2)	1 (1–2)	1 (1–2)	1 (1–2)	1 (1–1)	1 (1–1)	2 (1–2)
Iron-deficiency anemia	36 (24–49)	37 (24–48)	40 (26–54)	39 (24–51)	35 (23–46)	29 (18–37)	39 (22–48)
Other nutritional deficiencies	7 (5–10)	8 (5–10)	8 (5–11)	7 (4–10)	8 (5–10)	8 (5–10)	13 (7–16)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
Other communicable, maternal, neonatal, and nutritional disorders	951 (621–1,673)	810 (539–1,308)	643 (455–1,015)	521 (353–771)	369 (256–541)	234 (162–336)	141 (97–197)
Sexually transmitted diseases excluding HIV	10 (7–20)	8 (5–16)	8 (5–14)	5 (4–10)	4 (3–8)	3 (2–6)	2 (1–4)
Syphilis	10 (7–19)	8 (6–15)	8 (5–14)	5 (4–10)	4 (3–8)	3 (2–6)	2 (1–4)
Sexually transmitted chlamydial diseases	–	–	–	–	–	–	–
Gonococcal infection	–	–	–	–	–	–	–
Other sexually transmitted diseases	–	–	–	–	–	–	–
Hepatitis	695 (391–1,416)	563 (321–1,035)	399 (246–729)	277 (169–469)	179 (113–298)	96 (63–154)	43 (29–67)
Acute hepatitis A	234 (56–802)	182 (47–546)	140 (40–464)	97 (29–289)	62 (18–183)	33 (9–103)	16 (5–47)
Acute hepatitis B	407 (199–875)	348 (173–702)	235 (117–424)	163 (83–312)	103 (55–189)	56 (29–92)	24 (13–36)
Acute hepatitis C	44 (21–95)	29 (15–54)	21 (12–39)	16 (9–28)	13 (6–23)	7 (4–13)	3 (2–5)
Acute hepatitis E	9 (2–29)	5 (1–14)	2 (0–7)	1 (0–4)	1 (0–2)	<0·5 (0–1)	<0·5 (0–0·5)
Other infectious diseases	246 (133–393)	238 (130–393)	236 (134–371)	238 (133–406)	186 (101–328)	135 (73–223)	96 (55–151)
Non-communicable diseases	38,404 (35,983–41,315)	46,065 (43,106–49,037)	45,654 (43,017–48,101)	42,355 (40,151–44,611)	41,212 (39,302–43,013)	31,911 (30,709–33,135)	30,041 (29,348–30,716)
Neoplasms	11,682 (10,392–13,183)	14,941 (13,057–16,665)	14,368 (12,633–15,674)	12,369 (10,994–13,519)	10,898 (9,520–11,842)	7,471 (6,479–8,095)	5,187 (4,586–5,635)
Esophageal cancer	910 (566–1,207)	1,201 (739–1,597)	1,110 (681–1,522)	883 (566–1,215)	691 (426–954)	413 (268–567)	228 (153–301)
Stomach cancer	1,166 (737–1,650)	1,606 (941–2,202)	1,587 (927–2,146)	1,403 (907–1,908)	1,271 (795–1,753)	830 (498–1,122)	508 (319–662)
Liver cancer	1,885 (1,427–2,521)	2,219 (1,675–3,014)	1,768 (1,324–2,225)	1,343 (1,065–1,640)	1,028 (765–1,235)	624 (442–743)	337 (226–404)
Liver cancer secondary to hepatitis B	964 (712–1,302)	1,142 (850–1,589)	897 (671–1,143)	672 (526–834)	497 (365–616)	291 (200–358)	146 (98–184)
Liver cancer secondary to hepatitis C	337 (252–448)	475 (367–652)	449 (347–562)	376 (298–453)	297 (229–349)	187 (134–220)	106 (72–126)
Liver cancer secondary to alcohol use	378 (284–504)	418 (317–559)	319 (238–399)	237 (183–291)	191 (141–230)	121 (86–145)	71 (47–85)
Other liver cancer	206 (157–276)	184 (138–246)	104 (80–132)	58 (46–72)	43 (33–53)	25 (18–31)	13 (8–15)
Larynx cancer	323 (149–594)	344 (156–613)	318 (146–565)	256 (120–442)	201 (88–347)	118 (51–208)	68 (31–116)
Trachea, bronchus and lung cancers	2,622 (1,859–3,588)	3,720 (2,557–4,829)	3,838 (2,598–4,801)	3,358 (2,299–4,114)	2,948 (1,900–3,570)	1,945 (1,179–2,329)	1,088 (653–1,264)

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Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Breast cancer	–	–	–	–	–	–	–
Cervical cancer	–	–	–	–	–	–	–
Uterine cancer	–	–	–	–	–	–	–
Prostate cancer	98 (46–151)	205 (99–318)	358 (176–548)	490 (250–758)	650 (333–1,021)	648 (347–1,006)	791 (432–1,283)
Colon and rectum cancers	753 (655–929)	1,014 (886–1,218)	1,066 (925–1,287)	997 (877–1,164)	962 (819–1,126)	715 (614–816)	567 (487–658)
Mouth cancer	328 (252–396)	352 (266–422)	279 (222–325)	197 (152–234)	143 (111–166)	81 (63–96)	57 (44–69)
Nasopharynx cancer	195 (96–344)	203 (103–367)	152 (74–260)	101 (54–174)	66 (36–108)	35 (19–61)	16 (9–26)
Cancer of other part of pharynx and oropharynx	334 (187–495)	371 (199–536)	306 (159–473)	218 (110–304)	157 (81–229)	81 (41–114)	40 (21–59)
Gallbladder and biliary tract cancer	135 (68–197)	167 (82–239)	172 (95–247)	166 (92–249)	159 (86–228)	119 (62–173)	95 (48–135)
Pancreatic cancer	426 (281–579)	566 (378–770)	566 (388–790)	488 (317–649)	429 (285–572)	286 (184–387)	192 (122–253)
Malignant melanoma of skin	80 (42–150)	88 (47–158)	82 (40–141)	67 (31–108)	58 (26–93)	42 (19–62)	35 (15–48)
Non-melanoma skin cancer	31 (14–56)	41 (18–73)	37 (16–66)	35 (16–64)	34 (15–61)	29 (13–51)	39 (17–68)
Ovarian cancer	–	–	–	–	–	–	–
Testicular cancer	14 (8–20)	12 (7–18)	11 (6–15)	10 (5–15)	9 (5–15)	5 (3–8)	5 (2–8)
Kidney and other urinary organ cancers	271 (182–413)	339 (227–518)	326 (219–509)	275 (178–436)	239 (154–362)	170 (107–245)	120 (75–184)
Bladder cancer	175 (125–233)	268 (184–342)	319 (217–405)	316 (211–391)	344 (233–432)	276 (185–343)	253 (166–309)
Brain and nervous system cancers	358 (162–535)	384 (172–575)	316 (144–454)	245 (109–368)	182 (74–273)	109 (41–166)	61 (21–93)
Thyroid cancer	39 (24–60)	49 (30–77)	45 (28–66)	37 (22–53)	32 (19–45)	20 (11–31)	13 (7–19)
Hodgkin's disease	27 (13–44)	25 (13–43)	21 (11–35)	17 (9–28)	14 (7–23)	9 (4–14)	6 (3–10)
Non-Hodgkin's lymphoma	298 (221–354)	341 (252–413)	326 (241–396)	271 (199–322)	239 (173–284)	169 (120–197)	119 (82–145)
Multiple myeloma	83 (40–136)	115 (57–189)	126 (63–211)	116 (58–199)	107 (54–174)	75 (38–126)	56 (27–90)
Leukemia	290 (208–371)	322 (229–403)	316 (217–378)	282 (191–340)	271 (178–314)	203 (126–231)	163 (94–189)
Other neoplasms	840 (469–1,242)	987 (572–1,449)	924 (541–1,376)	798 (471–1,178)	665 (386–938)	467 (262–669)	329 (189–447)

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Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
Cardiovascular and circulatory diseases	15,203 (14,163–16,402)	18,477 (17,287–19,734)	18,744 (17,760–19,776)	17,967 (17,049–18,888)	18,596 (17,757–19,457)	15,059 (14,473–15,685)	15,654 (15,152–16,186)
Rheumatic heart disease	405 (292–560)	428 (311–581)	357 (267–457)	311 (236–391)	277 (210–337)	201 (152–242)	190 (140–217)
Ischemic heart disease	8,059 (6,682–9,148)	9,528 (8,011–10,646)	9,179 (7,782–10,167)	8,438 (7,298–9,373)	8,532 (7,594–9,357)	6,689 (6,078–7,282)	7,230 (6,762–7,851)
Cerebrovascular disease	4,547 (3,565–5,205)	5,995 (4,780–7,039)	6,604 (5,401–7,551)	6,707 (5,431–7,637)	7,320 (5,972–8,326)	6,083 (5,114–7,024)	5,928 (5,114–6,805)
Ischemic stroke	882 (758–1,151)	1,413 (1,194–1,860)	2,189 (1,850–2,968)	2,451 (2,061–3,309)	3,196 (2,756–4,178)	2,985 (2,558–3,870)	3,717 (3,279–4,643)
Hemorrhagic and other non-ischemic stroke	3,665 (2,875–4,497)	4,582 (3,618–5,648)	4,415 (3,428–5,645)	4,256 (3,300–5,414)	4,124 (3,118–5,263)	3,098 (2,354–3,940)	2,210 (1,736–2,860)
Hypertensive heart disease	726 (580–905)	858 (692–1,101)	920 (741–1,164)	943 (741–1,137)	916 (740–1,149)	764 (623–946)	806 (665–1,003)
Cardiomyopathy and myocarditis	702 (563–888)	683 (544–841)	587 (475–711)	469 (381–589)	398 (325–483)	291 (243–353)	294 (250–355)
Atrial fibrillation and flutter	25 (13–42)	33 (20–57)	49 (30–85)	57 (35–94)	76 (47–129)	86 (52–140)	164 (102–262)
Aortic aneurysm	160 (97–274)	231 (140–388)	273 (172–442)	301 (190–503)	320 (206–514)	263 (168–415)	233 (152–347)
Peripheral vascular disease	19 38)	26 (11–57)	34 (13–75)	36 (14–74)	39 (16–77)	40 (15–80)	58 (7– (23–116)
Endocarditis	59 (40–84)	61 (45–87)	51 (38–72)	43 (33–59)	37 (29–48)	30 (24–39)	31 (25–39)
Other cardiovascular and circulatory diseases	503 (441–576)	632 (569–714)	690 (622–775)	662 (592–750)	681 (621–754)	610 (554–680)	721 (671–776)
Chronic respiratory diseases	2,549 (2,108–3,182)	3,636 (3,057–4,438)	4,617 (3,959–5,416)	5,348 (4,682–6,156)	5,791 (5,236–6,511)	4,828 (4,406–5,300)	4,605 (4,290–4,946)
Chronic obstructive pulmonary disease	1,676 (1,253–2,291)	2,586 (1,934–3,488)	3,459 (2,740–4,565)	4,180 (3,417–5,290)	4,633 (3,852–5,727)	3,919 (3,346–4,759)	3,760 (3,256–4,492)
Pneumoconiosis	119 (52–239)	153 (72–295)	200 (96–416)	226 (104–456)	229 (109–444)	174 (87–330)	183 (92–382)
Asthma	403 (251–853)	474 (296–959)	490 (323–949)	491 (328–920)	461 (323–827)	334 (231–583)	254 (181–438)
Other interstitial lung disease	105 (64–175)	140 (79–237)	186 (103–312)	179 (107–288)	185 (108–290)	157 (91–246)	139 (78–217)
Other chronic respiratory diseases	246 (166–394)	282 (184–423)	282 (186–429)	273 (179–389)	284 (184–411)	245 (163–336)	267 (174–360)
Cirrhosis of the liver	3,048 (2,250–3,710)	2,780 (2,118–3,437)	2,123 (1,565–2,580)	1,426 (1,108–1,744)	976 (742–1,214)	544 (435–701)	320 (255–418)
Cirrhosis of the liver secondary to hepatitis B	908 (673–1,177)	884 (702–1,216)	710 (544–933)	489 (375–655)	326 (261–441)	173 (138–236)	88 (71–126)
Cirrhosis of the liver secondary to hepatitis C	678 (487–832)	685 (515–874)	577 (421–713)	406 (304–515)	277 (210–356)	156 (121–201)	94 (73–124)
Cirrhosis of the liver secondary to alcohol use	1,068 (755–1,309)	918 (698–1,158)	660 (484–813)	431 (326–545)	306 (230–390)	178 (138–230)	116 (91–154)

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Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
Other cirrhosis of the liver	394 (282–493)	293 (219–381)	176 (130–219)	99 (76–128)	68 (52–88)	38 (29–49)	22 (17–29)
Digestive diseases (except cirrhosis)	1,385 (1,065–1,760)	1,336 (1,021–1,619)	1,266 (972–1,559)	1,097 (867–1,326)	1,036 (809–1,248)	814 (635–1,001)	816 (637–977)
Peptic ulcer disease	415 (306–591)	346 (264–474)	326 (242–427)	276 (212–363)	252 (193–336)	186 (144–247)	165 (132–211)
Gastritis and duodenitis	16 (10–25)	18 (11–28)	15 (10–24)	14 (9–22)	12 (8–20)	10 (7–16)	13 (8–20)
Appendicitis	35 (15–57)	37 (15–61)	37 (14–60)	31 (12–53)	27 (10–47)	18 (7–30)	14 (6–22)
Paralytic ileus and intestinal obstruction without hernia	154 (91–250)	157 (90–284)	152 (92–246)	135 (79–224)	138 (86–226)	113 (69–189)	117 (72–177)
Inguinal or femoral hernia	15 (14–15)	17 (17–17)	17 (17–17)	16 (16–17)	18 (17–19)	16 (15–16)	18 (17–18)
Noninfective inflammatory bowel disease	28 (18–41)	30 (20–44)	26 (16–39)	23 (15–35)	21 (14–31)	18 (12–25)	22 (15–30)
Vascular disorders of intestine	45 (10–133)	59 (13–182)	69 (15–212)	72 (16–220)	85 (19–247)	73 (16–217)	82 (19–247)
Gall bladder and bile duct disease	65 (45–98)	74 (50–110)	76 (53–111)	74 (51–112)	77 (52–111)	68 (44–99)	81 (51–112)
Pancreatitis	161 (105–226)	135 (88–195)	106 (69–151)	78 (52–113)	66 (44–94)	46 (30–65)	36 (23–50)
Other digestive diseases	451 (312–695)	464 (350–658)	442 (321–658)	377 (278–545)	339 (258–483)	265 (202–384)	267 (213–380)
Neurological disorders	856 (589–1,444)	858 (569–1,511)	777 (536–1,320)	748 (529–1,268)	779 (595–1,143)	785 (615–1,047)	1,145 (802–1,431)
Alzheimer's disease and other dementias	57 (37–85)	76 (52–121)	108 (73–168)	145 (98–227)	239 (161–347)	335 (211–471)	734 (408–979)
Parkinson's disease	22 (13–32)	34 (21–52)	56 (35–86)	90 (56–143)	141 (89–212)	163 (98–240)	201 (110–278)
Epilepsy	191 (119–258)	144 (87–187)	103 (56–136)	80 (47–105)	62 (34–87)	43 (24–60)	43 (23–64)
Multiple sclerosis	30 (21–42)	34 (22–50)	23 (16–34)	14 (9–21)	10 (6–15)	7 (4–10)	3 (2–4)
Other neurological disorders	556 (299–1,155)	570 (281–1,223)	487 (247–1,027)	418 (213–910)	327 (173–700)	239 (126–462)	165 (88–335)
Mental and behavioral disorders	702 (413–1,147)	528 (315–877)	322 (198–541)	186 (117–306)	128 (87–212)	74 (53–118)	58 (40–87)
Schizophrenia	33 (22–48)	34 (23–50)	21 (14–31)	17 (11–27)	15 (9–22)	10 (7–16)	8 (5–12)
Alcohol use disorders	500 (242–958)	385 (180–710)	235 (114–443)	124 (58–234)	75 (36–152)	34 (17–70)	16 (8–33)
Drug use disorders	145 (62–266)	84 (34–142)	46 (20–86)	27 (12–54)	21 (13–45)	14 (8–33)	12 (7–29)
Opioid use disorders	83 (35–155)	48 (19–82)	26 (11–48)	14 (7–29)	11 (7–25)	8 (5–18)	7 (4–16)

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Other cirrhosis of the liver	1 (0–1)	1 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Digestive diseases (except cirrhosis)	1 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Peptic ulcer disease	60 (27–109)	35 (15–60)	19 (9–37)	12 (6–24)	9 (5–19)	6 (4–14)	5 (3–13)
Gastritis and duodenitis	4 (2–7)	4 (2–6)	3 (1–5)	3 (1–5)	3 (1–5)	3 (1–5)	6 (3–10)
Appendicitis	20 (9–34)	22 (9–35)	18 (8–28)	15 (6–25)	14 (6–23)	12 (6–20)	15 (7–27)
Paralytic ileus and intestinal obstruction without hernia	2,642 (2,228–3,178)	3,140 (2,555–3,671)	3,091 (2,535–3,571)	2,904 (2,409–3,340)	2,697 (2,260–3,123)	2,083 (1,764–2,363)	1,992 (1,738–2,298)
Inguinal or femoral hernia	1,298 (940–1,537)	1,633 (1,197–1,941)	1,677 (1,198–1,926)	1,602 (1,150–1,855)	1,458 (1,021–1,663)	1,069 (750–1,203)	822 (591–929)
Noninfective inflammatory bowel disease	138 (37–522)	123 (33–409)	104 (32–342)	87 (28–276)	77 (25–220)	48 (15–153)	32 (9–100)
Vascular disorders of intestine	777 (649–910)	909 (708–1,071)	835 (631–957)	770 (614–870)	708 (568–825)	575 (485–652)	652 (570–748)
Gall bladder and bile duct disease	207 (173–249)	279 (223–337)	292 (220–351)	238 (192–283)	187 (147–226)	128 (105–152)	121 (101–145)
Pancreatitis	187 (157–219)	208 (160–246)	182 (136–213)	182 (141–209)	179 (141–209)	154 (127–176)	185 (159–213)
Other digestive diseases	383 (321–452)	422 (328–502)	361 (275–427)	350 (278–405)	342 (283–400)	293 (243–332)	346 (298–401)
Neurological disorders	179 (99–264)	213 (122–311)	224 (127–342)	224 (136–349)	248 (146–381)	221 (140–350)	297 (173–483)
Alzheimer's disease and other dementias	93 (47–138)	110 (60–168)	117 (63–178)	119 (64–178)	137 (78–211)	131 (73–194)	198 (104–298)
Parkinson's disease	20 (9–37)	26 (12–51)	22 (11–41)	22 (10–42)	23 (10–42)	18 (7–35)	19 (8–40)
Epilepsy	66 (34–103)	77 (42–117)	84 (45–134)	83 (47–136)	88 (48–150)	72 (42–120)	80 (45–139)
Multiple sclerosis	–	–	–	–	–	–	–
Other neurological disorders	–	–	–	–	–	–	–
Mental and behavioral disorders	–	–	–	–	–	–	–
Schizophrenia	–	–	–	–	–	–	–
Alcohol use disorders	–	–	–	–	–	–	–
Drug use disorders	48 (33–80)	51 (33–82)	53 (33–88)	49 (32–79)	51 (33–77)	45 (28–74)	46 (29–76)
Opioid use disorders	14 (11–18)	9 (7–13)	5 (3–6)	2 (1–2)	1 (1–1)	<0·5 (0–0·5)	<0·5 (0–0·5)

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Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Sickle cell disorders	10 (6–19)	8 (5–16)	7 (4–12)	5 (3–8)	3 (2–4)	1 (1–2)	<0·5 (0–1)
G6PD deficiency	3 (2–4)	3 (2–4)	2 (2–3)	2 (2–3)	3 (2–4)	3 (2–4)	3 (3–4)
Other hemoglobinopathies and hemolytic anemias	22 (9–40)	30 (13–52)	39 (19–71)	40 (20–67)	44 (25–69)	41 (22–71)	43 (25–70)
Other endocrine, nutritional, blood, and immune disorders	202 (90–434)	211 (95–473)	197 (94–432)	173 (82–403)	155 (75–363)	125 (62–278)	142 (73–378)
Musculoskeletal disorders	105 (60–179)	119 (72–222)	112 (68–195)	104 (59–183)	109 (60–186)	90 (50–155)	91 (48–146)
Rheumatoid arthritis	31 (18–51)	41 (26–68)	43 (26–72)	40 (23–66)	47 (26–69)	38 (20–61)	24 (13–36)
Other musculoskeletal disorders	74 (39–134)	78 (44–147)	69 (38–130)	64 (35–117)	63 (33–114)	52 (27–92)	66 (34–106)
Other non-communicable diseases	232 (166–302)	251 (170–330)	235 (154–308)	207 (134–274)	202 (128–258)	162 (104–216)	174 (120–213)
Congenital anomalies	135 (89–187)	152 (89–216)	143 (77–205)	122 (65–183)	120 (62–173)	89 (43–134)	92 (48–124)
Neural tube defects	10 (3–23)	11 (2–35)	8 (2–18)	8 (2–21)	8 (2–18)	4 (1–10)	3 (1–7)
Congenital heart anomalies	48 (31–73)	54 (32–82)	53 (30–83)	51 (29–80)	54 (28–89)	44 (22–74)	54 (32–82)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	17 (10–26)	18 (10–30)	12 (7–19)	4 (2–8)	2 (1–2)	<0·5 (0–1)	<0·5 (0–1)
Other chromosomal abnormalities	3 (1–9)	3 (1–5)	3 (1–8)	2 (1–8)	1 (0–2)	1 (0–2)	1 (0–2)
Other congenital anomalies	58 (33–105)	67 (38–118)	67 (36–123)	55 (30–104)	56 (29–100)	40 (20–74)	34 (17–59)
Skin and subcutaneous diseases	97 (54–138)	99 (57–147)	92 (56–135)	85 (47–119)	82 (50–112)	73 (47–99)	82 (51–103)
Cellulitis	33 (19–48)	34 (20–51)	29 (18–43)	24 (14–35)	20 (12–27)	15 (10–21)	13 (8–17)
Abscess, impetigo, and other bacterial skin diseases	41 (23–58)	40 (23–59)	35 (21–52)	30 (17–42)	26 (16–36)	21 (14–29)	21 (13–26)
Decubitus ulcer	23 (13–33)	25 (14–36)	28 (17–41)	31 (17–43)	35 (22–48)	37 (24–49)	48 (30–59)
Other skin and subcutaneous diseases	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	7,972 (6,777–9,410)	6,104 (5,039–7,245)	4,112 (3,450–4,839)	2,797 (2,276–3,267)	2,114 (1,749–2,468)	1,396 (1,167–1,611)	1,242 (1,043–1,402)
Transport injuries	2,439 (1,660–3,696)	1,877 (1,221–2,764)	1,221 (801–1,824)	842 (551–1,257)	599 (402–877)	366 (249–527)	218 (160–317)

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Road injury	2,317 (1,540–3,524)	1,793 (1,126–2,616)	1,162 (745–1,703)	804 (528–1,195)	572 (379–851)	348 (237–505)	208 (148–307)
Pedestrian injury by road vehicle	851 (504–1,457)	655 (389–1,112)	443 (256–725)	309 (181–505)	221 (135–355)	135 (83–215)	85 (57–129)
Pedal cycle vehicle	147 (93–218)	133 (83–208)	95 (63–148)	71 (44–109)	59 (36–87)	35 (24–52)	19 (13–27)
Motorized vehicle with two wheels	383 (238–614)	267 (165–430)	165 (104–262)	112 (67–171)	74 (49–108)	42 (26–67)	23 (15–35)
Motorized vehicle with three or more wheels	792 (545–1,122)	609 (393–852)	371 (247–547)	258 (165–360)	177 (116–242)	114 (73–159)	70 (44–102)
Road injury other	144 (41–520)	129 (36–455)	88 (24–285)	54 (16–178)	41 (11–157)	22 (7–75)	11 (3–44)
Other transport injury	123 (88–198)	84 (62–124)	59 (44–87)	37 (29–56)	28 (21–37)	18 (14–24)	10 (7–14)
Unintentional injuries other than transport injuries	2,829 (2,315–3,311)	2,248 (1,820–2,645)	1,601 (1,271–1,903)	1,116 (891–1,324)	929 (726–1,127)	675 (529–793)	787 (614–905)
Falls	713 (444–1,002)	609 (367–826)	504 (298–704)	391 (233–538)	379 (207–553)	300 (178–406)	416 (268–516)
Drowning	400 (293–614)	331 (234–461)	216 (154–305)	146 (107–207)	104 (76–144)	64 (46–89)	45 (32–62)
Fire, heat and hot substances	298 (169–512)	215 (117–330)	157 (88–247)	110 (65–159)	89 (55–124)	63 (42–87)	61 (43–77)
Poisonings	314 (179–470)	243 (131–356)	149 (82–223)	86 (45–131)	63 (36–94)	39 (21–60)	27 (14–39)
Exposure to mechanical forces	416 (223–595)	298 (154–441)	170 (85–240)	97 (49–141)	69 (36–101)	37 (20–52)	27 (14–38)
Mechanical forces (firearm)	103 (59–164)	72 (34–112)	39 (19–61)	25 (12–41)	17 (7–27)	9 (4–13)	6 (2–9)
Mechanical forces (other)	314 (181–459)	227 (119–338)	132 (74–189)	72 (40–109)	52 (23–77)	28 (13–41)	21 (8–30)
Adverse effects of medical treatment	85 (67–111)	92 (73–123)	82 (68–99)	70 (57–89)	59 (50–71)	48 (40–58)	48 (41–57)
Animal contact	76 (39–146)	63 (34–107)	51 (27–92)	32 (18–54)	23 (12–37)	15 (8–24)	10 (5–18)
Animal contact (venomous)	56 (21–142)	45 (16–101)	37 (12–83)	22 (8–47)	15 (5–31)	9 (3–19)	7 (2–14)
Animal contact (non-venomous)	19 (9–35)	19 (8–33)	14 (7–25)	10 (5–17)	8 (3–17)	5 (2–9)	3 (1–6)
Unintentional injuries not classified elsewhere	527 (382–706)	397 (290–512)	272 (199–373)	185 (137–261)	144 (108–185)	110 (80–139)	153 (98–191)
Self-harm and interpersonal violence	2,398 (1,807–3,284)	1,744 (1,306–2,571)	1,142 (834–1,613)	739 (523–1,110)	537 (379–810)	341 (244–500)	236 (176–368)
Self-harm	1,756 (1,171–2,536)	1,342 (898–2,046)	930 (622–1,377)	624 (393–991)	470 (311–731)	307 (205–463)	212 (154–341)
Interpersonal violence	642 (440–1,067)	403 (281–704)	212 (146–365)	115 (77–195)	67 (45–109)	34 (21–55)	24 (16–39)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
Assault by firearm	257 (176–408)	148 (100–234)	78 (55–129)	38 (25–59)	20 (12–29)	10 (6–13)	6 (4–8)
Assault by sharp object	186 (99–327)	118 (62–208)	59 (31–102)	31 (16–54)	18 (9–30)	8 (4–14)	6 (3–10)
Assault by other means	199 (139–311)	137 (89–225)	75 (49–113)	47 (31–70)	30 (20–44)	17 (11–24)	13 (8–18)
Forces of nature, war, and legal intervention	305 (164–620)	235 (134–452)	149 (89–273)	100 (62–176)	48 (31–81)	15 (9–25)	2 (1–4)
Exposure to forces of nature	276 (147–556)	211 (117–397)	130 (77–229)	87 (54–145)	41 (26–64)	11 (7–18)	1 (0–2)
Collective violence and legal intervention	29 (16–61)	24 (14–52)	19 (11–41)	14 (7–30)	8 (4–17)	3 (2–7)	1 (0–2)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Females, All Ages**	**Females, 0-6 Days**	**Females, 7-27 Days**	**Females, 28-364 Days**	**Females, 1-4 Years**	**Females, 5-9 Years**	**Females, 10-14 Years**
All causes	718,724 (680,779–746,552)	77,454 (66,115–89,854)	25,987 (23,106–29,130)	80,736 (72,613–93,078)	75,078 (68,348–83,029)	15,997 (14,890–17,099)	12,138 (11,107–13,322)
Communicable, maternal, neonatal, and nutritional disorders	338,699 (315,049–362,773)	71,228 (59,885–83,670)	22,564 (19,687–25,777)	65,540 (58,082–77,450)	55,430 (48,332–63,819)	9,384 (8,296–10,517)	5,773 (5,012–6,616)
HIV/AIDS and tuberculosis	50,850 (45,856–54,807)	–	–	2,082 (1,623–2,939)	4,765 (4,079–5,530)	1,447 (1,259–1,673)	1,300 (1,144–1,483)
Tuberculosis	15,502 (11,446–18,371)	–	–	819 (450–1,693)	1,009 (750–1,420)	334 (196–512)	263 (177–388)
HIV/AIDS	35,348 (32,496–38,415)	–	–	1,263 (1,054–1,511)	3,756 (3,136–4,419)	1,113 (982–1,247)	1,038 (913–1,174)
HIV disease resulting in mycobacterial infection	6,505 (5,881–7,158)	–	–	237 (190–288)	700 (558–877)	214 (177–253)	207 (172–246)
HIV disease resulting in other specified or unspecified diseases	28,843 (26,096–31,648)	–	–	1,026 (820–1,246)	3,056 (2,430–3,777)	899 (758–1,047)	830 (711–958)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	120,482 (108,178–136,338)	6,134 (4,719–8,023)	7,536 (6,267–9,019)	39,341 (33,381–50,783)	26,757 (22,821–31,933)	5,157 (4,164–6,198)	2,863 (2,189–3,607)
Diarrheal diseases	39,606 (34,590–45,081)	934 (635–1,447)	2,099 (1,508–2,911)	14,474 (11,388–18,013)	9,653 (7,555–12,307)	1,656 (1,223–2,226)	762 (522–1,125)
Cholera	2,075 (1,417–2,936)	56 (27–103)	125 (66–221)	833 (489–1,333)	686 (444–1,024)	87 (55–139)	30 (17–52)
Other salmonella infections	2,142 (1,636–2,734)	36 (20–60)	81 (48–126)	592 (372–901)	463 (327–645)	137 (93–200)	91 (56–152)
Shigellosis	3,085 (2,261–4,032)	57 (32–105)	129 (74–217)	875 (567–1,311)	711 (469–1,027)	172 (108–267)	103 (58–173)
Enteropathogenic E coli infection	3,180 (2,126–4,469)	115 (60–217)	262 (148–438)	1,805 (1,109–2,672)	756 (502–1,125)	64 (39–103)	18 (10–32)
Enterotoxigenic E coli infection	2,829 (2,092–3,660)	52 (30–95)	118 (68–198)	819 (532–1,197)	574 (387–819)	109 (68–168)	62 (36–108)
Campylobacter enteritis	3,241 (2,337–4,262)	92 (50–158)	210 (123–336)	1,446 (951–2,073)	804 (530–1,158)	105 (65–164)	45 (24–80)
Amoebiasis	1,003 (720–1,342)	11 (5–21)	24 (11–47)	163 (85–287)	174 (113–260)	38 (23–59)	22 (12–39)
Cryptosporidiosis	3,620 (2,669–4,765)	128 (74–209)	272 (174–401)	1,900 (1,301–2,642)	1,007 (718–1,396)	85 (56–127)	19 (11–33)
Rotaviral enteritis	8,818 (6,657–11,186)	252 (147–438)	561 (352–864)	3,870 (2,729–5,278)	2,724 (1,909–3,731)	309 (198–467)	91 (53–152)
Other diarrheal diseases	9,612 (5,726–14,551)	135 (62–259)	316 (141–573)	2,172 (1,065–3,776)	1,754 (895–3,144)	551 (302–909)	284 (144–517)
Typhoid and paratyphoid fevers	5,057 (616–9,539)	–	–	320 (39–612)	1,051 (128–2,016)	778 (98–1,451)	564 (69–1,056)
Lower respiratory infections	49,847 (44,724–55,322)	3,716 (2,736–5,245)	3,264 (2,569–4,226)	15,803 (13,079–19,049)	9,139 (7,725–11,246)	1,160 (895–1,581)	773 (572–1,084)
Influenza	8,270 (7,147–9,519)	500 (322–747)	440 (308–636)	2,162 (1,588–2,886)	1,342 (1,072–1,730)	202 (151–276)	153 (110–219)
Pneumococcal pneumonia	13,258 (11,383–15,013)	704 (470–1,025)	611 (441–862)	2,967 (2,241–3,948)	2,760 (2,269–3,456)	306 (233–419)	161 (118–227)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Females, All Ages**	**Females, 0-6 Days**	**Females, 7-27 Days**	**Females, 28-364 Days**	**Females, 1-4 Years**	**Females, 5-9 Years**	**Females, 10-14 Years**
H influenzae type B pneumonia	9,261 (7,829–10,927)	785 (519–1,227)	690 (492–972)	3,375 (2,464–4,439)	2,018 (1,622–2,559)	242 (182–340)	146 (103–213)
Respiratory syncytial virus pneumonia	9,651 (7,701–11,938)	1,338 (942–1,973)	1,184 (868–1,624)	5,664 (4,343–7,227)	1,286 (1,019–1,652)	12 (9–16)	8 (6–11)
Other lower respiratory infections	9,407 (8,025–11,005)	390 (227–665)	339 (215–524)	1,634 (1,079–2,438)	1,733 (1,319–2,320)	399 (294–566)	306 (218–428)
Upper respiratory infections	61 (54–68)	4 (3–6)	4 (3–5)	19 (16–23)	12 (10–14)	2 (2–3)	1 (1–2)
Otitis media	117 (0–1,352)	1 (0–17)	6 (0–67)	75 (0–874)	13 (0–140)	3 (0–29)	2 (0–24)
Meningitis	11,893 (9,709–14,449)	550 (321–859)	1,060 (738–1,506)	3,607 (2,529–4,912)	2,633 (1,965–3,748)	705 (492–969)	410 (287–626)
Pneumococcal meningitis	3,159 (2,588–3,781)	108 (60–176)	210 (138–310)	691 (474–959)	734 (546–1,058)	229 (157–318)	142 (98–224)
H influenzae type B meningitis	2,834 (2,262–3,633)	145 (83–226)	284 (193–417)	964 (671–1,363)	886 (650–1,257)	230 (153–329)	99 (66–159)
Meningococcal infection	2,083 (1,645–2,513)	76 (37–143)	150 (92–242)	435 (276–638)	557 (401–789)	149 (110–202)	90 (66–125)
Other meningitis	3,817 (3,053–4,658)	220 (133–333)	416 (293–598)	1,516 (1,065–2,075)	456 (335–641)	97 (68–135)	79 (55–121)
Encephalitis	3,112 (2,528–3,861)	102 (61–175)	216 (119–381)	724 (486–1,103)	588 (365–927)	305 (167–504)	181 (90–353)
Diphtheria	110 (0–933)	–	–	28 (0–230)	62 (0–527)	12 (0–102)	3 (0–28)
Whooping cough	3,321 (11–16,159)	–	–	2,725 (9–13,199)	536 (2–2,664)	26 (0–133)	7 (0–36)
Tetanus	2,194 (908–3,842)	822 (243–1,815)	881 (333–1,745)	234 (88–506)	37 (0–170)	32 (0–150)	23 (0–108)
Measles	4,979 (1,667–11,624)	–	–	1,275 (432–3,017)	2,977 (999–6,943)	466 (156–1,071)	131 (43–304)
Varicella	183 (0–1,243)	4 (0–26)	7 (0–50)	56 (0–381)	55 (0–381)	12 (0–79)	5 (0–34)
Neglected tropical diseases and malaria	38,661 (28,096–55,252)	14 (8–32)	944 (456–1,803)	9,868 (5,435–16,653)	16,249 (9,759–25,556)	1,687 (1,213–2,277)	915 (646–1,279)
Malaria	35,578 (25,064–51,728)	–	916 (428–1,771)	9,599 (5,180–16,381)	15,528 (9,054–24,912)	1,307 (880–1,873)	698 (451–1,061)
Chagas disease	71 (44–175)	–	–	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–1)
Leishmaniasis	966 (579–1,513)	–	7 (4–14)	110 (58–204)	272 (149–472)	116 (61–203)	87 (47–145)
African trypanosomiasis	251 (30–799)	–	–	–	31 (4–101)	27 (3–85)	28 (3–89)
Schistosomiasis	172 (0–1,035)	–	–	<0·5 (0–2)	2 (0–14)	2 (0–9)	2 (0–13)
Cysticercosis	23 (1–87)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–1)	<0·5 (0–2)	1 (0–3)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	Females, All Ages	Females, 0-6 Days	Females, 7-27 Days	Females, 28-364 Days	Females, 1-4 Years	Females, 5-9 Years	Females, 10-14 Years
Echinococcosis	18 (0–68)	–	–	–	<0·5 (0–1)	1 (0–2)	1 (0–2)
Dengue	415 (132–833)	–	–	50 (14–117)	125 (28–389)	57 (16–150)	24 (7–42)
Rabies	630 (249–1,675)	–	–	29 (8–90)	145 (38–466)	141 (51–399)	54 (21–152)
Intestinal nematode infections	90 (0–432)	–	–	11 (0–49)	59 (0–282)	11 (0–52)	3 (0–13)
Ascariasis	90 (0–432)	–	–	11 (0–49)	59 (0–282)	11 (0–52)	3 (0–13)
Other neglected tropical diseases	447 (320–658)	14 (8–32)	20 (12–38)	69 (40–123)	86 (40–190)	26 (10–61)	19 (9–41)
Maternal disorders	14,314 (11,473–17,020)	–	–	–	–	–	–
Maternal hemorrhage	3.191 (2,533–3,757)	–	–	–	–	–	–
Maternal sepsis	1,267 (1,023–1,544)	–	–	–	–	–	–
Hypertensive disorders of pregnancy	2.705 (2,154–3,278)	–	–	–	–	–	–
Obstructed labor	610 (482–760)	–	–	–	–	–	–
Abortion	2.106 (1,698–2,561)	–	–	–	–	–	–
Other maternal disorders	4,435 (3,504–5,149)	–	–	–	–	–	–
Neonatal disorders	80.627 (66,991–95,960)	62.514 (50,864–75,123)	13.020 (10,516–16,095)	4.868 (3,528–6,598)	225 (140–358)	–	–
Preterm birth complications	31,648 (24,797–39,964)	25,666 (19,699–32,559)	4,268 (2,985–5,817)	1,666 (1,072–2,487)	48 (27–91)	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	17.774 (11,951–24,880)	14.961 (9,753–21,253)	2.057 (1,343–3,130)	673 (420–1,036)	83 (42–168)	–	–
Sepsis and other infectious disorders of the newborn baby	18,494 (8,790–35,705)	13,215 (6,082–26,357)	3,941 (1,863–7,963)	1,310 (496–3,050)	29 (8–75)	–	–
Other neonatal disorders	12.711 (9,703–17,149)	8.673 (6,244–12,457)	2.754 (1,891–3,961)	1.219 (782–1,857)	65 (35–127)	–	–
Nutritional deficiencies	17,303 (11,850–22,487)	–	–	5,529 (3,660–8,003)	5,334 (3,613–7,654)	500 (333–761)	321 (208–501)
Protein-energy malnutrition	15,676 (10,852–20,319)	–	–	5,321 (3,490–7,819)	5,036 (3,391–7,310)	443 (284–693)	268 (166–435)
Iodine deficiency	70 (46–87)	–	–	6 (4–8)	4 (3–6)	1 (1–2)	2 (1–2)
Iron-deficiency anemia	1,430 (965–1,772)	–	–	182 (117–262)	282 (185–422)	52 (33–77)	49 (31–71)
Other nutritional deficiencies	127 (80–151)	–	–	19 (11–26)	12 (8–16)	3 (2–4)	2 (1–3)

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Cause	**Females, All Ages**	**Females, 0-6 Days**	**Females, 7-27 Days**	**Females, 28-364 Days**	**Females, 1-4 Years**	**Females, 5-9 Years**	**Females, 10-14 Years**
Other communicable, maternal, neonatal, and nutritional disorders	16,461 (13,253–20,381)	2,566 (1,594–3,871)	1,063 (699–1,530)	3,853 (2,812–5,178)	2,100 (1,486–3,029)	593 (409–872)	373 (241–605)
Sexually transmitted diseases excluding HIV	4,761 (2,799–7,639)	2,074 (1,183–3,396)	504 (289–827)	1,569 (891–2,546)	327 (183–530)	76 (44–125)	9 (6–14)
Syphilis	4,569 (2,628–7,413)	2,074 (1,195–3,378)	504 (290–819)	1,569 (894–2,546)	327 (185–534)	76 (44–124)	1 (1–1)
Sexually transmitted chlamydial diseases	45 (32–71)	–	–	–	–	–	2 (1–3)
Gonococcal infection	34 (24–53)	–	–	–	–	–	1 (1–2)
Other sexually transmitted diseases	114 (80–180)	–	–	–	–	–	5 (3–7)
Hepatitis	5,421 (4,362–7,095)	–	–	655 (341–1,326)	601 (319–1,258)	234 (125–456)	220 (107–438)
Acute hepatitis A	1,753 (862–3,534)	–	–	452 (145–1,176)	211 (37–609)	32 (11–88)	29 (12–61)
Acute hepatitis B	1,421 (876–2,000)	–	–	204 (100–388)	53 (16–110)	12 (6–23)	10 (5–19)
Acute hepatitis C	195 (111–318)	–	–	–	–	<0·5 (0–1)	2 (1–8)
Acute hepatitis E	2,052 (773–4,354)	–	–	–	337 (101–904)	190 (65–442)	178 (58–422)
Other infectious diseases	6,279 (3,935–8,765)	492 (244–808)	559 (286–930)	1,629 (954–2,515)	1,171 (736–1,776)	283 (170–473)	145 (92–235)
Non-communicable diseases	310,876 (285,419–322,731)	5,697 (4,181–7,463)	2,887 (2,224–3,628)	11,321 (9,080–13,249)	10,683 (8,810–12,852)	3,523 (2,982–4,093)	3,328 (2,866–3,779)
Neoplasms	78,388 (71,003–83,655)	62 (37–100)	56 (32–98)	450 (288–698)	733 (484–1,041)	741 (540–912)	656 (496–796)
Esophageal cancer	2.375 (1,604–3,418)	–	–	–	–	–	–
Stomach cancer	5,725 (3,440–8,803)	–	–	–	–	–	–
Liver cancer	5,180 (3,874–5,997)	–	–	–	–	27 (14–55)	30 (16–60)
Liver cancer secondary to hepatitis B	1,932 (1,437–2,288)	–	–	–	–	5 (2–10)	8 (4–17)
Liver cancer secondary to hepatitis C	1,454 (1,047–1,645)	–	–	–	–	1 (0–2)	1 (1–3)
Liver cancer secondary to alcohol use	1,059 (792–1,246)	–	–	–	–	–	–
Other liver cancer	735 (551–887)	–	–	–	–	21 (12–44)	21 (11–42)
Larynx cancer	294 (151–408)	–	–	–	–	–	–
Trachea, bronchus and lung cancers	9.270 (5,323–11,513)	–	–	–	–	–	–

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Breast cancer	11,120 (10,703–11,702)	–	–	–	–	–	–
Cervical cancer	6.329 (4,009–8,655)	–	–	–	–	–	–
Uterine cancer	1,204 (562–1,740)	–	–	–	–	–	–
Prostate cancer	–	–	–	–	–	–	–
Colon and rectum cancers	6,223 (4,904–7,697)	–	–	–	–	–	–
Mouth cancer	1.045 (719–1,327)	–	–	–	–	–	–
Nasopharynx cancer	580 (323–825)	–	–	–	–	3 (2–6)	8 (4–14)
Cancer of other part of pharynx and oropharynx	698 (328–1,051)	–	–	–	–	–	–
Gallbladder and biliary tract cancer	1,709 (803–2,555)	–	–	–	–	–	–
Pancreatic cancer	2.542 (1,564–3,817)	–	–	–	–	–	–
Malignant melanoma of skin	455 (243–712)	–	–	–	–	–	–
Non-melanoma skin cancer	204 (86–360)	–	–	–	–	–	–
Ovarian cancer	4,055 (2,860–5,063)	–	–	–	–	–	–
Testicular cancer	–	–	–	–	–	–	–
Kidney and other urinary organ cancers	1,294 (712–1,945)	–	–	15 (7–28)	61 (30–105)	35 (15–71)	14 (5–37)
Bladder cancer	701 (562–777)	–	–	–	–	–	–
Brain and nervous system cancers	2,545 (1,138–3,197)	–	–	–	102 (28–249)	131 (60–188)	98 (43–142)
Thyroid cancer	451 (268–563)	–	–	–	–	–	7 (3–18)
Hodgkin's disease	254 (131–387)	2 (1–4)	1 (0–1)	3 (1–5)	10 (2–29)	9 (4–14)	11 (5–19)
Non-Hodgkin's lymphoma	2,193 (1,382–2,494)	–	–	22 (14–31)	101 (57–149)	97 (47–156)	65 (34–99)
Multiple myeloma	617 (339–924)	–	–	–	–	–	–
Leukemia	3,947 (2,363–5,153)	–	–	144 (88–220)	272 (145–376)	252 (140–339)	266 (158–373)
Other neoplasms	7,378 (4,536–9,216)	60 (36–97)	55 (31–98)	266 (124–496)	188 (85–331)	187 (100–293)	158 (92–222)

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Cardiovascular and circulatory diseases	114,580 (93,442–126,922)	318 (188–421)	246 (146–353)	1,361 (896–1,744)	1,211 (814–1,626)	438 (283–580)	536 (377–715)
Rheumatic heart disease	4,498 (4,032–4,947)	–	–	–	106 (58–145)	50 (38–67)	103 (75–149)
Ischemic heart disease	46,202 (41,888–48,627)	–	–	267 (134–417)	231 (136–337)	104 (56–188)	122 (75–201)
Cerebrovascular disease	44,074 (37,342–48,939)	121 (75–180)	94 (58–143)	370 (177–578)	332 (200–493)	136 (90–196)	164 (109–241)
Ischemic stroke	17,604 (16,566–19,192)	–	–	85 (48–130)	89 (56–128)	26 (19–34)	24 (20–31)
Hemorrhagic and other non-ischemic stroke	26,469 (22,689–30,049)	121 (77–187)	94 (59–144)	284 (141–492)	243 (126–414)	110 (68–169)	140 (88–220)
Hypertensive heart disease	7,332 (5,057–10,272)	–	–	61 (37–93)	75 (45–117)	18 (11–28)	17 (10–26)
Cardiomyopathy and myocarditis	3,719 (3,142–4,674)	93 (54–174)	90 (44–196)	255 (137–488)	214 (95–526)	63 (39–118)	58 (38–96)
Atrial fibrillation and flutter	649 (531–817)	–	–	–	–	–	–
Aortic aneurysm	1,038 (675–1,396)	–	–	–	–	–	–
Peripheral vascular disease	303 (186–468)	–	–	–	–	–	–
Endocarditis	635 (423–776)	20 (11–31)	14 (8–20)	82 (48–111)	70 (44–94)	15 (10–21)	14 (10–20)
Other cardiovascular and circulatory diseases	6,129 (5,672–6,509)	84 (56–119)	47 (31–67)	326 (220–438)	184 (99–291)	52 (38–69)	58 (46–72)
Chronic respiratory diseases	27,348 (25,989–28,844)	150 (100–252)	152 (104–252)	1,250 (895–1,885)	999 (819–1,246)	168 (130–232)	165 (124–236)
Chronic obstructive pulmonary disease	19,183 (18,010–20,427)	–	–	556 (312–1,082)	293 (196–462)	49 (31–85)	55 (31–112)
Pneumoconiosis	546 (308–980)	–	–	–	12 (4–28)	4 (1–9)	3 (1–6)
Asthma	3,469 (2,877–5,489)	–	–	–	340 (154–563)	61 (34–117)	61 (37–114)
Other interstitial lung disease	671 (355–1,001)	–	–	–	21 (7–45)	4 (2–8)	3 (2–6)
Other chronic respiratory diseases	3,478 (2,418–5,439)	150 (77–290)	152 (82–292)	694 (332–1,346)	332 (140–639)	50 (29–95)	42 (24–83)
Cirrhosis of the liver	8,994 (7,128–10,706)	–	–	–	444 (270–736)	94 (56–167)	125 (67–262)
Cirrhosis of the liver secondary to hepatitis B	2,642 (2,344–3,111)	–	–	–	21 (14–32)	12 (8–22)	24 (13–49)
Cirrhosis of the liver secondary to hepatitis C	2,884 (2,347–3,232)	–	–	–	13 (9–22)	9 (5–16)	17 (9–36)
Cirrhosis of the liver secondary to alcohol use	1.251 (1,014–1,396)	–	–	–	–	–	–

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Cause	Females, All Ages	Females, 0-6 Days	Females, 7-27 Days	Females, 28-364 Days	Females, 1-4 Years	Females, 5-9 Years	Females, 10-14 Years
Other cirrhosis of the liver	2,217 (1,830–2,621)	–	–	–	409 (254–669)	73 (44–136)	84 (45–178)
Digestive diseases (except cirrhosis)	11,446 (10,810–12,257)	–	–	–	1,258 (941–1,718)	206 (161–270)	220 (157–313)
Peptic ulcer disease	2,467 (1,831–3,201)	–	–	–	126 (52–331)	34 (19–61)	51 (26–101)
Gastritis and duodenitis	141 (87–203)	–	–	–	16 (6–36)	3 (1–5)	3 (1–6)
Appendicitis	547 (288–850)	–	–	–	162 (77–381)	28 (16–66)	23 (13–42)
Paralytic ileus and intestinal obstruction without hernia	1,498 (961–2,059)	–	–	–	181 (106–314)	40 (23–67)	39 (21–82)
Inguinal or femoral hernia	153 (150–157)	–	–	–	25 (22–28)	4 (3–4)	3 (2–3)
Noninfective inflammatory bowel disease	567 (266–777)	–	–	–	216 (36–393)	19 (6–32)	12 (5–21)
Vascular disorders of intestine	480 (255–845)	–	–	–	8 (3–16)	3 (1–9)	2 (1–5)
Gall bladder and bile duct disease	920 (672–1,171)	–	–	–	69 (30–121)	11 (7–17)	13 (7–24)
Pancreatitis	651 (448–867)	–	–	–	19 (7–39)	6 (4–10)	7 (4–10)
Other digestive diseases	4,021 (2,639–6,576)	–	–	–	437 (204–915)	58 (34–124)	68 (34–141)
Neurological disorders	15,124 (9,872–19,182)	–	–	956 (508–1,568)	1,596 (772–2,933)	632 (363–990)	537 (331–854)
Alzheimer's disease and other dementias	2,593 (1,535–3,282)	–	–	–	–	30 (16–55)	23 (12–45)
Parkinson's disease	549 (356–736)	–	–	–	–	–	–
Epilepsy	3,782 (2,196–5,382)	–	–	308 (136–585)	854 (300–2,113)	232 (116–383)	182 (106–253)
Multiple sclerosis	314 (210–422)	–	–	–	–	–	–
Other neurological disorders	7,886 (3,634–12,449)	–	–	649 (304–1,228)	742 (321–1,444)	370 (174–696)	332 (152–664)
Mental and behavioral disorders	2,107 (1,506–3,018)	9 (4–15)	11 (4–16)	61 (27–105)	113 (48–209)	24 (13–40)	23 (13–40)
Schizophrenia	244 (178–338)	–	–	–	–	–	–
Alcohol use disorders	662 (280–1,357)	–	–	–	–	–	–
Drug use disorders	975 (538–1,510)	9 (4–15)	11 (4–16)	61 (27–105)	104 (41–196)	18 (8–34)	18 (9–36)
Opioid use disorders	522 (287–792)	4 (2–8)	5 (2–8)	31 (14–52)	49 (19–93)	9 (4–17)	9 (5–17)

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Cause	**Females, All Ages**	**Females, 0-6 Days**	**Females, 7-27 Days**	**Females, 28-364 Days**	**Females, 1-4 Years**	**Females, 5-9 Years**	**Females, 10-14 Years**
Cocaine use disorders	6 (2–5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Amphetamine use disorders	5 (1–4)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Other drug use disorders	441 (249–739)	4 (2–8)	5 (2–8)	30 (13–50)	54 (21–101)	9 (4–17)	9 (5–18)
Eating disorders	112 (57–160)	–	–	–	–	3 (1–5)	3 (1–5)
Other mental and behavioral disorders	114 (60–166)	–	–	–	9 (4–15)	3 (1–5)	2 (1–3)
Diabetes, urogenital, blood, and endocrine diseases	32,030 (27,383–36,220)	270 (162–493)	251 (143–435)	1,638 (1,153–2,346)	2,088 (1,182–3,172)	729 (479–1,025)	631 (451–834)
Diabetes mellitus	13,039 (10,268–13,773)	27 (18–39)	20 (13–30)	142 (89–214)	148 (94–218)	56 (36–83)	75 (46–113)
Acute glomerulonephritis	1,184 (586–2,764)	–	–	149 (55–347)	254 (77–636)	94 (31–274)	79 (28–213)
Chronic kidney diseases	7,904 (5,513–9,049)	–	–	298 (168–451)	329 (186–471)	136 (76–220)	130 (79–193)
Chronic kidney disease due to diabetes mellitus	1,808 (1,260–2,096)	–	–	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Chronic kidney disease due to hypertension	1,633 (1,133–1,888)	–	–	34 (18–53)	39 (21–56)	18 (10–29)	18 (11–28)
Chronic kidney disease unspecified	4,463 (3,088–5,130)	–	–	264 (148–402)	291 (166–413)	119 (65–191)	111 (68–166)
Urinary diseases and male infertility	2,447 (1,810–3,222)	18 (11–42)	21 (13–41)	98 (64–170)	98 (56–211)	25 (17–39)	30 (22–45)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	1,422 (895–1,752)	9 (5–14)	11 (7–20)	62 (34–96)	56 (31–97)	13 (8–17)	16 (9–25)
Urolithiasis	166 (79–234)	–	–	–	–	3 (1–7)	3 (1–6)
Other urinary diseases	859 (594–1,214)	9 (4–30)	10 (4–26)	35 (19–80)	41 (19–123)	9 (6–17)	11 (8–18)
Gynecological diseases	215 (161–263)	–	–	–	–	–	–
Uterine fibroids	25 (19–31)	–	–	–	–	–	–
Endometriosis	1 (0–1)	–	–	–	–	–	–
Genital prolapse	6 (5–6)	–	–	–	–	–	–
Other gynecological diseases	185 (141–228)	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	3,172 (1,723–4,627)	89 (44–143)	74 (33–123)	388 (184–629)	779 (217–1,593)	251 (115–416)	193 (104–287)
Thalassemias	551 (421–684)	2 (1–3)	3 (2–5)	30 (19–47)	91 (54–140)	55 (30–88)	56 (31–83)

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Cause	**Females, All Ages**	**Females, 0-6 Days**	**Females, 7-27 Days**	**Females, 28-364 Days**	**Females, 1-4 Years**	**Females, 5-9 Years**	**Females, 10-14 Years**
Sickle cell disorders	1,217 (540–1,701)	7 (5–10)	18 (9–28)	189 (74–289)	416 (132–752)	153 (58–253)	90 (37–141)
G6PD deficiency	63 (50–81)	<0·5 (0–0·5)	<0·5 (0–1)	4 (2–7)	12 (7–21)	7 (4–12)	6 (3–9)
Other hemoglobinopathies and hemolytic anemias	1,341 (617–2,475)	80 (43–134)	52 (23–96)	165 (57–360)	261 (21–861)	36 (6–107)	41 (11–106)
Other endocrine, nutritional, blood, and immune disorders	4,068 (2,017–7,447)	136 (54–360)	136 (48–330)	563 (294–1,289)	479 (163–1,048)	167 (55–345)	124 (48–260)
Musculoskeletal disorders	2,317 (1,382–3,509)	–	–	–	–	34 (19–53)	57 (33–86)
Rheumatoid arthritis	618 (476–984)	–	–	–	–	9 (6–23)	9 (6–20)
Other musculoskeletal disorders	1,699 (1,449–1,975)	–	–	–	–	25 (15–35)	48 (32–63)
Other non-communicable diseases	18,540 (13,663–22,756)	4,888 (3,433–6,668)	2,171 (1,600–2,899)	5,604 (3,835–7,208)	2,242 (1,637–2,976)	457 (335–678)	377 (243–626)
Congenital anomalies	16,182 (11,431–20,811)	4,888 (3,433–6,668)	1,905 (1,413–2,558)	4,780 (3,129–6,475)	2,050 (1,474–2,810)	429 (308–647)	347 (215–593)
Neural tube defects	2,640 (1,251–4,489)	1,372 (606–2,583)	324 (149–616)	479 (206–965)	221 (73–548)	52 (19–126)	57 (15–164)
Congenital heart anomalies	6,701 (5,320–8,112)	1,637 (1,277–2,124)	815 (595–1,109)	2,015 (1,345–2,801)	939 (638–1,382)	205 (137–317)	163 (97–289)
Cleft lip and cleft palate	86 (34–168)	30 (11–60)	16 (6–32)	31 (12–62)	9 (3–20)	–	–
Down's syndrome	605 (297–1,018)	94 (45–186)	59 (25–119)	166 (77–318)	118 (42–253)	20 (8–43)	18 (7–43)
Other chromosomal abnormalities	800 (359–1,621)	259 (113–573)	140 (62–307)	266 (107–618)	61 (21–157)	15 (5–40)	13 (4–35)
Other congenital anomalies	5,350 (3,068–7,349)	1,496 (819–2,258)	551 (294–833)	1,824 (923–2,856)	701 (308–1,203)	138 (72–250)	95 (48–184)
Skin and subcutaneous diseases	1,502 (962–1,843)	–	–	235 (139–351)	192 (104–291)	28 (18–41)	30 (19–44)
Cellulitis	424 (268–515)	–	–	49 (29–73)	60 (33–93)	11 (7–16)	10 (6–15)
Abscess, impetigo, and other bacterial skin diseases	708 (453–891)	–	–	185 (111–275)	125 (67–190)	15 (10–22)	15 (10–22)
Decubitus ulcer	364 (231–434)	–	–	–	6 (3–9)	2 (1–3)	4 (3–6)
Other skin and subcutaneous diseases	6 (1–2)	–	–	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Sudden infant death syndrome	856 (414–1,915)	–	267 (83–853)	589 (304–1,183)	–	–	–
Injuries	69,149 (60,579–77,800)	528 (429–692)	537 (428–691)	3,874 (3,201–4,768)	8,965 (7,519–10,523)	3,090 (2,643–3,756)	3,037 (2,490–3,943)
Transport injuries	15,339 (11,439–20,078)	39 (22–57)	42 (25–59)	443 (285–676)	1,926 (1,366–2,620)	928 (650–1,325)	756 (553–1,072)

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Road injury	14,585 (12,665–20,168)	33 (22–48)	37 (26–53)	418 (279–678)	1,819 (1,339–2,501)	885 (701–1,283)	718 (561–1,059)
Pedestrian injury by road vehicle	4,670 (3,115–6,072)	10 (3–22)	9 (4–16)	117 (43–263)	834 (381–1,470)	369 (243–555)	244 (158–365)
Pedal cycle vehicle	745 (480–1,166)	–	–	–	58 (25–114)	48 (28–89)	55 (31–107)
Motorized vehicle with two wheels	1,479 (1,194–1,721)	2 (1–3)	2 (1–4)	29 (14–55)	105 (60–167)	52 (34–77)	56 (37–81)
Motorized vehicle with three or more wheels	5,924 (4,477–8,314)	21 (10–42)	17 (8–31)	206 (107–399)	630 (357–1,003)	322 (213–485)	266 (180–419)
Road injury other	1,766 (617–3,888)	<0·5 (0–0·5)	8 (2–22)	66 (18–166)	192 (55–499)	95 (32–227)	97 (27–306)
Other transport injury	754 (486–992)	6 (3–11)	5 (3–8)	25 (13–45)	107 (34–216)	43 (23–79)	38 (23–59)
Unintentional injuries other than transport injuries	32,548 (27,131–37,645)	333 (246–484)	389 (292–543)	2,981 (2,323–3,822)	6,364 (5,106–7,694)	1,913 (1,537–2,512)	1,378 (1,113–1,801)
Falls	4,811 (3,410–5,672)	41 (19–65)	29 (17–50)	297 (190–467)	756 (475–1,136)	217 (133–375)	143 (87–245)
Drowning	5,618 (4,284–7,405)	17 (9–32)	10 (6–18)	223 (136–403)	1,984 (1,307–2,999)	550 (400–789)	425 (306–642)
Fire, heat and hot substances	9,171 (5,630–13,249)	28 (19–43)	51 (35–78)	522 (342–780)	1,716 (1,056–2,408)	489 (262–971)	289 (136–624)
Poisonings	2,934 (1,904–3,986)	17 (11–30)	28 (16–51)	149 (91–219)	372 (260–589)	110 (74–170)	116 (80–190)
Exposure to mechanical forces	2,778 (2,200–3,959)	15 (9–28)	14 (9–24)	109 (55–171)	474 (294–810)	197 (119–356)	148 (83–306)
Mechanical forces (firearm)	1,300 (361–2,975)	9 (2–23)	<0·5 (0–0·5)	41 (12–117)	158 (38–369)	89 (24–211)	83 (20–219)
Mechanical forces (other)	1,478 (612–2,181)	6 (2–12)	14 (5–22)	68 (16–119)	316 (93–645)	108 (43–234)	65 (25–150)
Adverse effects of medical treatment	1,127 (519–1,483)	31 (14–59)	31 (12–54)	161 (66–270)	130 (49–223)	33 (12–56)	25 (10–42)
Animal contact	1,520 (784–2,343)	40 (15–79)	38 (15–73)	228 (79–465)	345 (125–621)	133 (58–263)	87 (37–179)
Animal contact (venomous)	1,083 (410–2,065)	21 (5–47)	38 (13–70)	150 (40–334)	243 (79–471)	106 (34–254)	65 (22–160)
Animal contact (non-venomous)	437 (180–772)	19 (5–60)	<0·5 (0–0·5)	78 (20–178)	103 (30–218)	27 (11–53)	22 (10–48)
Unintentional injuries not classified elsewhere	4,589 (3,276–6,039)	144 (87–275)	189 (111–330)	1,293 (858–2,026)	587 (391–888)	186 (118–294)	145 (93–233)
Self-harm and interpersonal violence	17,165 (12,241–21,489)	96 (62–150)	31 (18–57)	182 (121–246)	405 (257–599)	171 (127–223)	520 (311–903)
Self-harm	12,583 (7,883–16,700)	–	–	–	–	33 (17–63)	363 (162–750)
Interpersonal violence	4,581 (3,748–5,311)	96 (62–150)	31 (18–57)	182 (121–246)	405 (257–599)	139 (98–179)	157 (115–192)

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Assault by firearm	1,263 (640–2,132)	6 (2–13)	17 (1–82)	30 (11–55)	67 (24–143)	33 (14–61)	44 (21–81)
Assault by sharp object	1,216 (718–1,900)	10 (5–20)	1 (0–3)	20 (11–34)	52 (20–118)	20 (11–34)	29 (16–46)
Assault by other means	2,102 (1,539–2,539)	80 (53–139)	13 (1–23)	133 (94–191)	287 (152–487)	85 (60–117)	83 (55–116)
Forces of nature, war, and legal intervention	4,098 (2,165–9,300)	60 (40–86)	75 (52–109)	269 (204–364)	269 (203–358)	77 (57–106)	384 (132–1,224)
Exposure to forces of nature	3,797 (1,989–8,759)	60 (40–86)	69 (46–102)	236 (174–332)	240 (176–327)	70 (51–98)	364 (119–1,184)
Collective violence and legal intervention	301 (200–571)	–	6 (4–8)	32 (27–42)	29 (21–44)	7 (6–8)	20 (11–43)

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Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
All causes	20,438 (18,500–22,439)	27,120 (25,021–29,347)	27,859 (25,898–29,833)	25,747 (23,920–27,439)	26,026 (23,761–28,203)	25,902 (23,789–27,741)	27,987 (25,811–29,872)
Communicable, maternal, neonatal, and nutritional disorders	8,166 (7,157–9,201)	13,623 (12,334–14,961)	15,720 (14,485–16,994)	13,917 (12,822–14,985)	11,807 (10,569–13,090)	8,342 (7,491–9,217)	6,771 (5,936–7,633)
HIV/AIDS and tuberculosis	1,562 (1,351–1,805)	4,305 (3,697–4,983)	7,580 (6,791–8,435)	7,483 (6,819–8,169)	6,257 (5,556–6,999)	4,260 (3,642–4,813)	3,261 (2,714–3,855)
Tuberculosis	630 (468–819)	1,330 (887–1,873)	1,559 (1,042–2,105)	1,390 (928–1,907)	1,325 (883–1,824)	1,058 (768–1,402)	1,060 (742–1,432)
HIV/AIDS	932 (778–1,103)	2,974 (2,539–3,497)	6,021 (5,371–6,760)	6,093 (5,612–6,585)	4,932 (4,412–5,464)	3,202 (2,613–3,631)	2,201 (1,725–2,641)
HIV disease resulting in mycobacterial infection	178 (146–213)	569 (477–679)	1,133 (995–1,282)	1,132 (1,025–1,259)	912 (783–1,050)	558 (439–652)	370 (279–453)
HIV disease resulting in other specified or unspecified diseases	755 (616–901)	2,406 (2,015–2,866)	4,889 (4,299–5,523)	4,961 (4,535–5,397)	4,020 (3,575–4,498)	2,644 (2,161–3,019)	1,831 (1,443–2,205)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	2,605 (2,018–3,208)	3,105 (2,536–3,783)	2,825 (2,303–3,439)	2,257 (1,820–2,720)	2,058 (1,679–2,513)	1,673 (1,370–2,041)	1,749 (1,418–2,131)
Diarrheal diseases	721 (514–1,053)	983 (737–1,347)	1,022 (766–1,408)	808 (594–1,108)	696 (510–1,001)	539 (400–766)	563 (398–805)
Cholera	29 (17–47)	39 (24–60)	40 (25–65)	31 (19–50)	27 (16–43)	20 (12–31)	18 (11–29)
Other salmonella infections	82 (52–136)	104 (70–157)	100 (65–153)	74 (47–110)	58 (36–91)	42 (27–67)	40 (25–64)
Shigellosis	93 (57–161)	119 (75–190)	116 (71–192)	85 (51–129)	66 (40–109)	48 (29–78)	51 (30–85)
Enteropathogenic E coli infection	15 (8–27)	18 (11–28)	16 (10–27)	10 (6–17)	7 (4–12)	4 (2–9)	5 (3–10)
Enterotoxigenic E coli infection	64 (39–113)	94 (60–146)	106 (65–172)	91 (55–141)	85 (51–138)	69 (42–113)	70 (41–112)
Campylobacter enteritis	41 (24–73)	54 (33–86)	54 (33–93)	41 (24–66)	35 (20–60)	26 (16–45)	28 (17–46)
Amoebiasis	25 (15–41)	39 (25–60)	47 (29–76)	41 (26–65)	40 (24–63)	33 (20–54)	34 (20–55)
Cryptosporidiosis	18 (11–30)	24 (15–37)	24 (15–38)	18 (11–29)	15 (9–25)	11 (7–18)	11 (7–18)
Rotaviral enteritis	82 (51–140)	106 (68–164)	104 (65–162)	76 (47–118)	60 (35–94)	44 (28–69)	49 (30–77)
Other diarrheal diseases	274 (149–484)	387 (205–622)	414 (227–689)	339 (181–573)	303 (166–543)	242 (132–407)	256 (138–440)
Typhoid and paratyphoid fevers	554 (67–1,033)	486 (58–924)	360 (43–683)	263 (31–494)	202 (23–385)	150 (17–285)	107 (12–203)
Lower respiratory infections	747 (567–939)	984 (757–1,220)	972 (718–1,216)	803 (592–997)	809 (624–1,000)	747 (547–968)	791 (600–1,019)
Influenza	155 (116–197)	215 (163–273)	223 (164–281)	193 (141–241)	202 (156–253)	189 (139–249)	195 (148–252)
Pneumococcal pneumonia	181 (135–229)	271 (203–336)	296 (213–374)	263 (196–327)	279 (209–344)	269 (194–347)	288 (212–370)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
H influenzae type B pneumonia	136 (103–174)	178 (139–224)	172 (126–218)	139 (103–177)	138 (106–174)	123 (90–162)	122 (93–159)
Respiratory syncytial virus pneumonia	7 (6–9)	10 (8–12)	10 (7–12)	8 (6–10)	8 (6–10)	7 (5–10)	8 (6–10)
Other lower respiratory infections	267 (201–340)	311 (238–392)	272 (199–351)	201 (146–263)	182 (135–241)	158 (114–219)	179 (132–241)
Upper respiratory infections	1 (1–1)	1 (1–2)	1 (1–2)	1 (1–2)	1 (1–1)	1 (1–1)	1 (1–1)
Otitis media	3 (0–28)	2 (0–19)	1 (0–15)	1 (0–16)	1 (0–15)	1 (0–14)	2 (0–18)
Meningitis	376 (281–489)	424 (289–577)	323 (228–447)	263 (178–366)	241 (157–353)	163 (120–226)	193 (126–275)
Pneumococcal meningitis	137 (102–180)	165 (112–227)	127 (89–176)	101 (68–143)	91 (59–136)	59 (42–85)	69 (44–104)
H influenzae type B meningitis	56 (41–76)	34 (22–50)	12 (8–18)	11 (7–16)	12 (7–19)	9 (6–13)	12 (7–18)
Meningococcal infection	91 (69–117)	101 (70–134)	80 (56–114)	62 (42–86)	54 (36–77)	35 (26–47)	39 (26–52)
Other meningitis	92 (70–121)	124 (84–168)	104 (73–143)	88 (60–122)	84 (54–124)	61 (45–85)	74 (49–106)
Encephalitis	118 (71–195)	168 (90–292)	109 (63–197)	87 (48–152)	83 (43–164)	50 (28–94)	73 (38–137)
Diphtheria	1 (0–10)	1 (0–6)	1 (0–4)	<0·5 (0–3)	<0·5 (0–3)	<0·5 (0–2)	<0·5 (0–3)
Whooping cough	5 (0–22)	3 (0–16)	3 (0–14)	2 (0–12)	2 (0–10)	2 (0–11)	2 (0–11)
Tetanus	17 (0–79)	16 (0–74)	14 (0–62)	13 (0–61)	14 (0–65)	13 (0–61)	14 (0–66)
Measles	60 (20–137)	34 (11–79)	16 (5–36)	8 (3–19)	5 (2–11)	3 (1–7)	2 (1–4)
Varicella	4 (0–25)	4 (0–26)	4 (0–29)	5 (0–35)	4 (0–28)	3 (0–18)	2 (0–17)
Neglected tropical diseases and malaria	1,279 (841–1,984)	1,441 (908–2,453)	1,099 (652–2,040)	826 (499–1,475)	674 (416–1,182)	600 (361–1,044)	522 (323–865)
Malaria	1,086 (646–1,768)	1,264 (744–2,268)	952 (512–1,936)	702 (374–1,363)	549 (298–1,061)	488 (254–939)	413 (226–767)
Chagas disease	<0·5 (0–1)	<0·5 (0–1)	1 (0–3)	2 (0–7)	3 (1–8)	4 (1–12)	7 (2–18)
Leishmaniasis	71 (38–120)	63 (36–101)	47 (26–76)	37 (21–63)	34 (19–58)	30 (16–50)	25 (14–42)
African trypanosomiasis	38 (5–120)	36 (4–116)	27 (3–85)	21 (2–66)	14 (2–45)	10 (1–31)	8 (1–25)
Schistosomiasis	3 (0–21)	4 (0–25)	5 (0–31)	6 (0–36)	10 (0–60)	15 (0–86)	18 (0–111)
Cysticercosis	1 (0–6)	2 (0–9)	3 (0–10)	3 (0–9)	2 (0–8)	2 (0–7)	2 (0–7)
Echinococcosis	1 (0–2)	1 (0–3)	1 (0–4)	1 (0–4)	1 (0–4)	1 (0–5)	2 (0–6)

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Dengue	20 (6–43)	18 (5–47)	17 (4–43)	15 (5–38)	20 (4–63)	14 (4–35)	13 (3–38)
Rabies	39 (12–118)	33 (11–91)	28 (9–79)	23 (7–59)	23 (9–64)	20 (7–48)	19 (6–43)
Intestinal nematode infections	1 (0–5)	1 (0–4)	1 (0–3)	1 (0–3)	<0·5 (0–2)	<0·5 (0–2)	<0·5 (0–2)
Ascariasis	1 (0–5)	1 (0–4)	1 (0–3)	1 (0–3)	<0·5 (0–2)	<0·5 (0–2)	<0·5 (0–2)
Other neglected tropical diseases	17 (9–34)	19 (10–35)	18 (10–35)	16 (9–29)	17 (10–30)	16 (9–29)	16 (9–29)
Maternal disorders	1,672 (1,197–2,189)	3,529 (2,789–4,349)	3,161 (2,440–3,864)	2,470 (1,895–3,036)	1,970 (1,492–2,581)	1,025 (792–1,308)	486 (357–644)
Maternal hemorrhage	274 (197–343)	644 (502–785)	692 (531–831)	622 (479–752)	523 (395–672)	290 (227–370)	147 (107–193)
Maternal sepsis	190 (131–261)	380 (301–487)	284 (218–360)	185 (140–241)	139 (101–192)	64 (48–87)	25 (18–35)
Hypertensive disorders of pregnancy	450 (311–607)	709 (556–900)	575 (438–718)	411 (309–526)	331 (246–451)	161 (122–214)	68 (49–94)
Obstructed labor	56 (35–88)	170 (124–235)	132 (95–180)	95 (67–137)	92 (61–141)	47 (31–71)	18 (11–29)
Abortion	254 (175–351)	553 (442–709)	473 (363–597)	359 (272–469)	276 (202–384)	134 (100–183)	57 (41–79)
Other maternal disorders	449 (327–541)	1,074 (837–1,280)	1,005 (770–1,189)	799 (619–946)	609 (463–753)	329 (257–414)	170 (125–223)
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	538 (330–912)	632 (380–1,064)	514 (323–818)	442 (274–689)	420 (259–700)	361 (233–599)	321 (206–504)
Protein-energy malnutrition	422 (242–734)	478 (275–839)	388 (242–640)	350 (214–557)	350 (210–616)	305 (186–536)	273 (165–447)
Iodine deficiency	7 (4–10)	15 (10–23)	12 (8–17)	6 (4–9)	3 (2–4)	2 (1–3)	2 (1–2)
Iron-deficiency anemia	105 (69–165)	133 (84–206)	109 (70–165)	82 (54–122)	63 (39–91)	48 (29–69)	41 (25–56)
Other nutritional deficiencies	4 (3–7)	5 (3–8)	4 (3–6)	4 (3–6)	5 (3–8)	6 (4–9)	6 (4–8)
Other communicable, maternal, neonatal, and nutritional disorders	510 (308–900)	611 (408–945)	540 (349–935)	440 (302–678)	428 (304–639)	424 (302–644)	431 (296–682)
Sexually transmitted diseases excluding HIV	19 (14–29)	25 (18–41)	27 (18–47)	24 (17–40)	21 (15–32)	17 (12–26)	17 (12–24)

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Syphilis	1 (1–2)	1 (1–2)	1 (1–2)	1 (1–2)	1 (1–2)	1 (1–2)	1 (1–1)
Sexually transmitted chlamydial diseases	4 (3–7)	6 (4–10)	6 (4–10)	5 (4–9)	5 (3–7)	4 (3–6)	4 (2–6)
Gonococcal infection	3 (2–5)	4 (3–7)	5 (3–8)	4 (3–7)	4 (2–5)	3 (2–4)	3 (2–4)
Other sexually transmitted diseases	11 (7–17)	14 (10–25)	15 (10–27)	14 (9–24)	12 (8–19)	10 (6–15)	9 (6–14)
Hepatitis	358 (164–752)	414 (228–732)	342 (180–739)	272 (153–500)	267 (163–485)	276 (175–475)	294 (172–547)
Acute hepatitis A	28 (9–64)	31 (13–67)	36 (13–89)	47 (16–121)	76 (27–214)	100 (36–285)	123 (38–351)
Acute hepatitis B	18 (8–41)	24 (12–44)	26 (12–51)	35 (18–66)	56 (30–106)	96 (50–182)	134 (69–270)
Acute hepatitis C	2 (1–5)	4 (1–10)	4 (1–8)	7 (3–17)	13 (6–27)	16 (8–30)	21 (12–40)
Acute hepatitis E	309 (82–816)	355 (114–831)	276 (77–793)	182 (56–446)	122 (43–269)	64 (15–153)	15 (2–56)
Other infectious diseases	134 (87–200)	172 (102–266)	171 (99–265)	144 (79–223)	139 (77–227)	130 (73–210)	121 (68–203)
Non-communicable diseases	4,829 (4,233–5,351)	6,088 (5,260–6,761)	6,329 (5,587–6,920)	7,273 (6,415–7,929)	10,013 (8,859–10,877)	13,783 (12,312–14,863)	18,055 (16,227–19,377)
Neoplasms	1,072 (820–1,302)	1,247 (986–1,492)	1,543 (1,279–1,788)	2,277 (1,942–2,561)	3,676 (3,248–4,056)	5,541 (4,942–6,086)	7,391 (6,705–8,029)
Esophageal cancer	6 (2–17)	10 (4–25)	15 (8–29)	25 (13–52)	57 (32–103)	128 (64–267)	194 (105–349)
Stomach cancer	13 (6–20)	47 (23–79)	103 (50–162)	184 (94–283)	288 (154–444)	404 (224–624)	483 (273–780)
Liver cancer	50 (30–94)	74 (43–133)	96 (56–180)	135 (87–223)	228 (139–375)	335 (209–513)	451 (315–626)
Liver cancer secondary to hepatitis B	16 (9–32)	25 (14–48)	34 (20–65)	49 (30–82)	86 (49–148)	129 (77–202)	173 (117–249)
Liver cancer secondary to hepatitis C	3 (2–5)	4 (3–7)	6 (4–11)	8 (5–13)	20 (12–30)	48 (31–70)	90 (63–118)
Liver cancer secondary to alcohol use	3 (2–5)	11 (6–19)	20 (12–38)	33 (21–54)	58 (36–97)	80 (50–123)	101 (71–142)
Other liver cancer	29 (17–54)	34 (20–58)	37 (22–65)	45 (29–71)	64 (38–99)	78 (50–117)	87 (61–116)
Larynx cancer	2 (0–8)	4 (1–11)	3 (1–9)	6 (2–20)	9 (3–21)	16 (7–34)	28 (13–54)
Trachea, bronchus and lung cancers	18 (8–26)	34 (16–54)	60 (29–96)	117 (56–175)	228 (123–331)	474 (257–653)	736 (409–975)
Breast cancer	13 (11–16)	46 (37–58)	138 (116–164)	369 (329–416)	763 (695–833)	1,147 (1,058–1,240)	1,506 (1,416–1,615)
Cervical cancer	12 (7–19)	46 (28–68)	124 (77–176)	258 (151–356)	483 (285–652)	716 (420–975)	933 (555–1,281)
Uterine cancer	6 (3–10)	7 (3–12)	11 (5–17)	18 (7–26)	36 (14–54)	64 (26–94)	89 (41–128)

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Prostate cancer	–	–	–	–	–	–	–
Colon and rectum cancers	21 (14–29)	54 (34–72)	101 (68–132)	138 (104–174)	213 (165–281)	326 (252–429)	462 (356–595)
Mouth cancer	12 (5–26)	18 (9–37)	27 (14–56)	31 (18–53)	50 (32–76)	84 (52–128)	109 (75–156)
Nasopharynx cancer	20 (8–46)	21 (9–51)	16 (7–36)	28 (12–61)	52 (24–108)	65 (30–130)	76 (38–148)
Cancer of other part of pharynx and oropharynx	11 (3–32)	11 (4–42)	18 (5–66)	33 (8–127)	40 (13–104)	60 (22–133)	81 (33–158)
Gallbladder and biliary tract cancer	10 (1–46)	13 (2–48)	22 (4–109)	33 (7–129)	42 (15–90)	90 (31–167)	129 (54–220)
Pancreatic cancer	7 (2–33)	11 (4–25)	15 (7–32)	26 (12–52)	48 (25–82)	88 (50–144)	152 (88–249)
Malignant melanoma of skin	5 (2–8)	9 (4–16)	14 (7–21)	19 (9–27)	27 (14–41)	37 (18–55)	47 (25–77)
Non-melanoma skin cancer	3 (1–6)	5 (2–8)	6 (2–10)	7 (3–12)	8 (3–15)	10 (4–19)	13 (5–23)
Ovarian cancer	59 (37–86)	70 (44–96)	77 (51–106)	107 (68–140)	187 (119–240)	316 (203–400)	494 (344–650)
Testicular cancer	–	–	–	–	–	–	–
Kidney and other urinary organ cancers	12 (4–35)	15 (6–34)	15 (6–32)	17 (7–33)	30 (14–54)	56 (27–97)	83 (44–136)
Bladder cancer	4 (3–5)	5 (3–7)	7 (5–11)	12 (7–18)	20 (12–29)	28 (19–38)	36 (27–45)
Brain and nervous system cancers	79 (34–119)	85 (37–126)	89 (40–134)	111 (48–161)	150 (69–232)	184 (80–289)	226 (101–341)
Thyroid cancer	6 (3–10)	6 (3–9)	7 (4–11)	10 (6–14)	15 (8–23)	20 (12–29)	30 (17–43)
Hodgkin's disease	15 (7–23)	23 (12–37)	25 (13–43)	20 (10–33)	17 (9–31)	16 (8–27)	17 (8–27)
Non-Hodgkin's lymphoma	95 (49–145)	105 (57–162)	85 (51–123)	90 (53–129)	91 (56–122)	121 (69–162)	142 (87–181)
Multiple myeloma	8 (2–29)	7 (2–21)	6 (2–16)	5 (2–12)	14 (5–30)	20 (10–35)	34 (17–54)
Leukemia	295 (172–406)	248 (135–350)	209 (121–286)	195 (110–276)	226 (126–325)	238 (133–334)	243 (140–337)
Other neoplasms	291 (155–435)	273 (146–424)	250 (133–373)	285 (157–433)	353 (203–514)	499 (273–742)	597 (316–885)
Cardiovascular and circulatory diseases	989 (656–1,222)	1,392 (986–1,740)	1,512 (1,082–1,863)	1,830 (1,280–2,233)	2,621 (1,864–3,121)	3,911 (2,811–4,616)	5,349 (3,958–6,234)
Rheumatic heart disease	171 (129–231)	216 (166–300)	249 (191–340)	254 (194–347)	288 (226–380)	319 (248–415)	330 (260–424)
Ischemic heart disease	277 (196–410)	430 (322–579)	450 (349–578)	614 (485–783)	886 (694–1,110)	1,452 (1,125–1,788)	1,956 (1,584–2,288)
Cerebrovascular disease	250 (171–338)	360 (269–472)	402 (308–502)	505 (396–611)	829 (613–989)	1,359 (1,010–1,605)	2,023 (1,497–2,421)

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Ischemic stroke	38 (32–46)	65 (49–86)	73 (56–96)	94 (77–119)	127 (103–160)	197 (164–239)	304 (266–355)
Hemorrhagic and other non-ischemic stroke	212 (139–311)	295 (208–410)	330 (240–429)	411 (310–531)	701 (532–879)	1,162 (897–1,408)	1,719 (1,392–2,064)
Hypertensive heart disease	39 (25–59)	63 (41–89)	77 (51–114)	102 (66–152)	165 (104–244)	254 (163–373)	377 (250–539)
Cardiomyopathy and myocarditis	95 (68–142)	119 (86–177)	126 (93–171)	132 (100–174)	156 (123–201)	181 (148–224)	224 (185–276)
Atrial fibrillation and flutter	–	–	–	4 (2–6)	6 (4–9)	8 (6–14)	15 (9–27)
Aortic aneurysm	8 (4–14)	10 (5–16)	11 (6–17)	15 (8–24)	22 (12–41)	35 (19–66)	46 (25–91)
Peripheral vascular disease	–	–	–	–	–	5 (3–9)	7 (5–13)
Endocarditis	20 (13–27)	29 (18–40)	29 (18–39)	26 (16–35)	29 (18–41)	32 (19–45)	31 (19–45)
Other cardiovascular and circulatory diseases	129 (105–160)	168 (137–202)	168 (139–198)	179 (149–209)	240 (194–289)	266 (227–309)	340 (289–393)
Chronic respiratory diseases	267 (211–361)	356 (281–468)	391 (311–515)	392 (315–510)	538 (424–700)	662 (534–836)	956 (789–1,186)
Chronic obstructive pulmonary disease	102 (58–186)	136 (85–230)	162 (101–277)	168 (108–286)	258 (166–408)	350 (244–514)	570 (417–800)
Pneumoconiosis	4 (2–9)	9 (3–23)	6 (3–13)	8 (3–16)	11 (5–21)	14 (7–28)	18 (9–33)
Asthma	84 (56–144)	102 (69–166)	111 (75–201)	112 (80–187)	153 (105–287)	174 (127–293)	223 (169–381)
Other interstitial lung disease	8 (3–14)	7 (4–13)	10 (5–18)	12 (6–21)	18 (9–31)	22 (11–37)	35 (17–57)
Other chronic respiratory diseases	69 (44–113)	102 (58–176)	103 (61–179)	92 (58–153)	98 (61–170)	101 (69–167)	111 (77–178)
Cirrhosis of the liver	134 (92–216)	217 (159–303)	298 (199–397)	404 (296–524)	534 (403–682)	701 (564–889)	841 (661–1,032)
Cirrhosis of the liver secondary to hepatitis B	32 (21–50)	54 (40–77)	75 (55–100)	103 (79–136)	144 (113–198)	201 (159–262)	245 (200–308)
Cirrhosis of the liver secondary to hepatitis C	22 (15–36)	38 (28–54)	56 (41–73)	80 (62–104)	118 (95–157)	187 (153–235)	263 (214–311)
Cirrhosis of the liver secondary to alcohol use	4 (3–7)	20 (14–29)	42 (30–56)	72 (54–94)	102 (81–135)	125 (102–155)	145 (117–170)
Other cirrhosis of the liver	77 (53–123)	105 (77–145)	125 (91–164)	148 (113–192)	170 (137–225)	187 (153–232)	189 (153–224)
Digestive diseases (except cirrhosis)	360 (256–530)	498 (384–661)	421 (328–561)	450 (354–586)	481 (380–633)	572 (462–727)	628 (520–790)
Peptic ulcer disease	112 (51–236)	151 (82–262)	111 (66–191)	122 (74–218)	129 (78–226)	158 (95–270)	164 (99–290)
Gastritis and duodenitis	4 (2–7)	6 (3–11)	6 (3–11)	7 (4–11)	7 (4–11)	7 (4–10)	8 (4–11)
Appendicitis	25 (12–43)	28 (14–47)	26 (12–45)	23 (10–44)	22 (10–34)	21 (9–34)	20 (9–31)

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Paralytic ileus and intestinal obstruction without hernia	43 (25–67)	61 (34–102)	54 (30–86)	59 (33–97)	64 (37–107)	70 (41–107)	77 (46–117)
Inguinal or femoral hernia	3 (2–3)	3 (3–4)	3 (3–3)	4 (3–4)	4 (4–5)	5 (5–5)	6 (6–6)
Noninfective inflammatory bowel disease	20 (8–39)	27 (12–41)	24 (12–33)	22 (12–33)	19 (12–26)	19 (13–27)	19 (13–27)
Vascular disorders of intestine	4 (1–7)	5 (2–8)	4 (2–7)	6 (2–11)	8 (4–15)	10 (6–24)	17 (9–36)
Gall bladder and bile duct disease	21 (13–32)	30 (21–44)	33 (23–49)	35 (25–49)	38 (27–57)	46 (30–69)	51 (34–75)
Pancreatitis	14 (8–22)	28 (17–40)	29 (19–42)	34 (21–50)	41 (27–56)	44 (30–61)	49 (33–68)
Other digestive diseases	115 (57–225)	160 (82–323)	131 (70–270)	138 (73–255)	148 (85–274)	192 (114–335)	217 (136–374)
Neurological disorders	660 (416–992)	738 (480–1,048)	604 (393–881)	555 (366–823)	572 (362–958)	596 (368–926)	660 (389–1,154)
Alzheimer's disease and other dementias	20 (12–32)	20 (11–37)	14 (9–23)	13 (8–21)	18 (10–28)	22 (14–34)	25 (16–36)
Parkinson's disease	–	8 (4–15)	7 (2–11)	5 (2–8)	6 (3–8)	7 (5–12)	9 (6–13)
Epilepsy	306 (188–399)	363 (222–505)	289 (189–401)	225 (147–308)	202 (134–265)	169 (108–213)	136 (84–183)
Multiple sclerosis	–	8 (4–15)	15 (9–25)	19 (12–31)	27 (17–42)	34 (22–51)	46 (31–69)
Other neurological disorders	335 (151–637)	338 (158–654)	280 (124–579)	291 (128–562)	319 (136–678)	363 (163–686)	445 (195–934)
Mental and behavioral disorders	81 (44–121)	127 (72–188)	162 (100–232)	155 (101–234)	177 (116–269)	216 (147–326)	213 (136–323)
Schizophrenia	–	–	20 (12–32)	22 (14–37)	28 (17–50)	37 (22–64)	28 (16–46)
Alcohol use disorders	10 (2–22)	14 (5–29)	25 (9–54)	36 (15–80)	60 (24–127)	85 (36–170)	100 (40–188)
Drug use disorders	58 (26–90)	98 (47–160)	102 (49–173)	83 (41–153)	77 (36–137)	81 (36–145)	73 (31–127)
Opioid use disorders	31 (14–49)	52 (24–87)	57 (27–97)	46 (23–82)	43 (20–74)	45 (19–82)	41 (16–75)
Cocaine use disorders	<0·5 (0–0·5)	1 (0–1)	1 (0–1)	1 (0–1)	1 (0–1)	1 (0–1)	<0·5 (0–1)
Amphetamine use disorders	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Other drug use disorders	26 (12–43)	44 (21–76)	43 (22–75)	36 (19–66)	32 (16–57)	35 (17–63)	31 (14–53)
Eating disorders	11 (5–17)	14 (7–22)	12 (6–21)	11 (5–18)	10 (5–16)	8 (4–13)	6 (3–10)
Other mental and behavioral disorders	3 (1–4)	3 (1–4)	3 (1–5)	3 (2–5)	4 (2–6)	5 (3–9)	6 (3–10)
Diabetes, urogenital, blood, and endocrine diseases	833 (644–1,096)	1,044 (815–1,305)	974 (797–1,179)	936 (767–1,112)	1,118 (918–1,321)	1,265 (1,068–1,475)	1,704 (1,435–1,918)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
Diabetes mellitus	129 (82–182)	188 (120–265)	209 (170–257)	223 (175–276)	312 (244–389)	458 (340–548)	749 (564–886)
Acute glomerulonephritis	74 (22–229)	77 (27–230)	48 (19–126)	48 (21–117)	48 (18–134)	41 (17–112)	44 (15–129)
Chronic kidney diseases	208 (141–285)	269 (189–346)	274 (195–348)	286 (209–373)	402 (275–515)	418 (293–530)	525 (356–645)
Chronic kidney disease due to diabetes mellitus	<0·5 (0–1)	13 (9–17)	26 (18–34)	38 (27–50)	69 (46–91)	87 (61–112)	134 (87–169)
Chronic kidney disease due to hypertension	32 (22–44)	46 (32–60)	50 (35–66)	58 (42–76)	88 (60–113)	98 (68–124)	119 (79–147)
Chronic kidney disease unspecified	176 (119–239)	211 (148–274)	198 (140–253)	190 (139–250)	246 (168–316)	232 (161–300)	272 (182–342)
Urinary diseases and male infertility	51 (33–67)	68 (46–96)	70 (48–98)	80 (53–109)	90 (62–123)	96 (67–133)	130 (86–174)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	26 (15–40)	34 (20–49)	34 (20–48)	39 (25–54)	43 (26–62)	50 (29–70)	69 (40–99)
Urolithiasis	3 (1–5)	4 (2–5)	5 (3–8)	7 (3–13)	8 (4–14)	9 (4–18)	11 (5–20)
Other urinary diseases	21 (13–31)	31 (19–48)	31 (20–47)	34 (21–52)	39 (25–61)	36 (24–54)	50 (32–75)
Gynecological diseases	12 (9–16)	16 (9–24)	19 (12–28)	21 (12–33)	26 (16–43)	28 (16–47)	21 (14–33)
Uterine fibroids	<0·5 (0–0·5)	1 (0–1)	1 (1–2)	3 (2–4)	3 (2–5)	4 (2–6)	4 (3–6)
Endometriosis	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Genital prolapse	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–1)
Other gynecological diseases	11 (8–15)	15 (9–23)	18 (11–25)	18 (11–28)	22 (13–37)	23 (13–42)	17 (11–27)
Hemoglobinopathies and hemolytic anemias	211 (120–320)	249 (126–375)	186 (98–288)	121 (72–181)	83 (48–136)	63 (40–103)	60 (36–104)
Thalassemias	70 (43–104)	65 (42–93)	47 (33–66)	35 (26–45)	26 (18–37)	22 (15–31)	19 (14–25)
Sickle cell disorders	75 (35–116)	70 (36–105)	57 (30–83)	40 (21–53)	26 (13–38)	18 (10–26)	15 (9–24)
G6PD deficiency	5 (3–7)	4 (3–6)	3 (2–5)	3 (2–3)	2 (1–3)	2 (1–3)	2 (1–2)
Other hemoglobinopathies and hemolytic anemias	61 (24–138)	110 (33–203)	78 (17–152)	44 (14–87)	29 (8–63)	22 (6–50)	24 (7–51)
Other endocrine, nutritional, blood, and immune disorders	147 (60–282)	178 (75–317)	168 (70–322)	157 (66–276)	156 (70–257)	162 (79–285)	175 (86–310)
Musculoskeletal disorders	129 (76–209)	188 (96–281)	154 (81–241)	132 (74–213)	141 (76–219)	149 (86–223)	153 (88–250)
Rheumatoid arthritis	14 (9–29)	21 (12–51)	18 (11–45)	19 (12–42)	22 (15–47)	30 (20–54)	35 (24–57)
Other musculoskeletal disorders	115 (80–149)	167 (115–242)	135 (96–174)	114 (81–150)	119 (86–164)	119 (88–166)	118 (86–159)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
Other non-communicable diseases	302 (211–402)	279 (199–379)	270 (187–366)	142 (107–178)	155 (114–197)	170 (116–233)	159 (117–209)
Congenital anomalies	239 (157–342)	220 (145–318)	208 (129–300)	90 (64–123)	95 (65–133)	84 (56–115)	89 (61–124)
Neural tube defects	24 (9–69)	16 (7–33)	20 (8–49)	7 (3–15)	9 (4–19)	8 (3–19)	6 (2–14)
Congenital heart anomalies	138 (93–192)	127 (84–191)	118 (74–179)	49 (32–72)	50 (35–74)	41 (28–58)	40 (28–55)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	13 (6–27)	13 (6–26)	14 (6–27)	8 (4–15)	8 (5–13)	10 (5–17)	11 (7–19)
Other chromosomal abnormalities	6 (3–13)	8 (3–16)	7 (2–18)	2 (1–5)	2 (1–4)	2 (1–4)	2 (1–4)
Other congenital anomalies	59 (30–94)	56 (26–94)	49 (23–81)	23 (12–36)	26 (16–45)	24 (15–40)	30 (19–53)
Skin and subcutaneous diseases	63 (34–96)	60 (35–81)	62 (35–92)	52 (30–73)	59 (34–86)	86 (41–144)	70 (37–110)
Cellulitis	20 (11–30)	21 (12–28)	21 (12–31)	19 (11–27)	22 (12–31)	28 (14–47)	24 (13–37)
Abscess, impetigo, and other bacterial skin diseases	27 (15–41)	26 (16–36)	25 (14–37)	22 (13–31)	26 (15–37)	37 (18–61)	28 (15–44)
Decubitus ulcer	15 (8–23)	12 (7–17)	15 (8–22)	11 (6–15)	12 (7–17)	20 (10–33)	18 (10–28)
Other skin and subcutaneous diseases	1 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	7,442 (5,963–9,444)	7,409 (6,111–9,146)	5,810 (4,823–7,179)	4,557 (3,769–5,616)	4,206 (3,395–5,213)	3,778 (3,096–4,644)	3,161 (2,680–3,879)
Transport injuries	1,566 (1,153–2,048)	1,605 (1,176–2,049)	1,221 (904–1,674)	934 (693–1,302)	960 (649–1,376)	934 (642–1,353)	855 (605–1,290)
Road injury	1,485 (1,234–1,937)	1,518 (1,277–1,998)	1,152 (929–1,646)	879 (717–1,233)	915 (717–1,326)	893 (695–1,338)	822 (634–1,286)
Pedestrian injury by road vehicle	372 (251–546)	372 (243–535)	268 (169–397)	227 (147–333)	257 (161–399)	263 (157–413)	250 (154–398)
Pedal cycle vehicle	80 (46–161)	67 (35–131)	57 (31–116)	41 (24–83)	46 (26–91)	44 (24–82)	48 (27–92)
Motorized vehicle with two wheels	197 (136–266)	210 (144–287)	150 (106–208)	115 (82–152)	113 (78–159)	110 (71–163)	86 (59–125)
Motorized vehicle with three or more wheels	667 (464–952)	688 (488–1,014)	535 (374–834)	388 (263–578)	382 (259–563)	351 (252–505)	337 (229–480)
Road injury other	169 (45–390)	181 (55–413)	142 (41–370)	108 (31–289)	117 (28–417)	126 (26–402)	100 (19–335)
Other transport injury	80 (49–125)	88 (50–132)	69 (39–101)	54 (33–79)	45 (28–66)	41 (26–58)	33 (21–45)
Unintentional injuries other than transport injuries	2,668 (1,940–4,084)	2,678 (1,990–3,929)	2,111 (1,535–3,112)	1,768 (1,316–2,626)	1,574 (1,135–2,256)	1,383 (1,051–1,938)	1,114 (855–1,426)

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Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
Falls	173 (104–302)	201 (125–326)	175 (109–259)	157 (98–230)	176 (110–271)	177 (116–265)	186 (113–266)
Drowning	485 (334–774)	361 (252–548)	253 (175–389)	198 (135–307)	186 (129–275)	180 (118–285)	138 (97–204)
Fire, heat and hot substances	1,162 (517–2,620)	1,162 (557–2,377)	901 (392–1,801)	718 (350–1,579)	528 (203–1,137)	409 (189–884)	270 (123–562)
Poisonings	290 (165–434)	330 (204–483)	257 (172–381)	229 (137–338)	221 (122–337)	204 (111–314)	160 (90–227)
Exposure to mechanical forces	221 (127–455)	259 (163–492)	211 (142–364)	197 (130–337)	206 (126–418)	158 (91–246)	130 (74–204)
Mechanical forces (firearm)	144 (38–396)	168 (41–452)	116 (31–299)	104 (26–262)	109 (23–375)	75 (19–196)	54 (13–151)
Mechanical forces (other)	77 (29–169)	92 (38–173)	95 (37–174)	92 (38–170)	97 (40–196)	83 (36–138)	76 (32–127)
Adverse effects of medical treatment	48 (17–85)	62 (25–100)	57 (24–99)	47 (20–72)	49 (21–76)	48 (22–76)	50 (23–73)
Animal contact	100 (38–228)	100 (39–223)	77 (31–159)	58 (24–110)	56 (26–108)	48 (24–88)	40 (21–79)
Animal contact (venomous)	77 (23–211)	74 (22–209)	55 (15–136)	41 (13–92)	40 (16–93)	35 (14–75)	30 (11–68)
Animal contact (non-venomous)	23 (9–53)	27 (10–54)	22 (8–46)	17 (6–32)	16 (7–29)	12 (5–25)	11 (5–24)
Unintentional injuries not classified elsewhere	189 (116–299)	201 (131–301)	180 (115–280)	165 (108–245)	154 (103–230)	160 (102–236)	138 (91–209)
Self-harm and interpersonal violence	2,761 (1,714–4,335)	2,658 (1,729–3,956)	2,039 (1,326–2,978)	1,520 (1,054–2,111)	1,391 (940–1,935)	1,222 (794–1,795)	982 (692–1,429)
Self-harm	2,264 (1,230–3,814)	1,920 (1,000–3,195)	1,405 (698–2,301)	1,048 (591–1,610)	1,032 (599–1,576)	966 (538–1,529)	789 (494–1,208)
Interpersonal violence	497 (365–603)	738 (586–890)	635 (508–779)	472 (379–590)	359 (298–456)	256 (213–333)	193 (158–261)
Assault by firearm	158 (76–275)	215 (111–384)	189 (98–337)	150 (73–278)	114 (53–208)	86 (39–154)	59 (28–110)
Assault by sharp object	131 (80–210)	240 (135–396)	208 (115–357)	158 (93–255)	107 (61–173)	73 (43–122)	57 (31–89)
Assault by other means	208 (136–295)	283 (181–398)	238 (153–341)	164 (113–227)	139 (94–194)	97 (68–130)	77 (52–106)
Forces of nature, war, and legal intervention	448 (169–1,299)	468 (187–1,281)	439 (182–1,154)	335 (144–849)	281 (128–670)	239 (111–557)	210 (101–471)
Exposure to forces of nature	422 (152–1,246)	441 (168–1,222)	415 (165–1,101)	313 (129–803)	260 (114–625)	220 (100–517)	194 (91–435)
Collective violence and legal intervention	25 (14–55)	27 (15–59)	24 (14–53)	22 (12–48)	21 (12–47)	18 (10–40)	16 (9–36)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	Females, 50-54 Years	Females, 55-59 Years	Females, 60-64 Years	Females, 65-69 Years	Females, 70-74 Years	Females, 75-79 Years	Females, 80+ Years
All causes	30,377 (27,846–32,277)	34,808 (31,818–36,865)	35,375 (32,314–37,539)	35,015 (32,134–36,849)	37,500 (34,461–39,399)	32,512 (30,357–34,005)	44,666 (42,841–45,610)
Communicable, maternal, neonatal, and nutritional disorders	4,937 (4,241–5,672)	4,705 (3,928–5,597)	4,481 (3,760–5,253)	4,408 (3,721–5,210)	4,162 (3,507–4,892)	3,276 (2,788–3,770)	4,464 (3,808–4,994)
HIV/AIDS and tuberculosis	1,945 (1,508–2,476)	1,422 (1,000–1,985)	1,046 (747–1,489)	860 (599–1,203)	658 (460–946)	395 (269–576)	223 (150–330)
Tuberculosis	921 (665–1,226)	925 (662–1,280)	839 (621–1,113)	782 (551–1,126)	640 (440–926)	395 (269–576)	223 (150–330)
HIV/AIDS	1,023 (707–1,479)	497 (236–895)	207 (71–609)	77 (23–250)	18 (9–43)	–	–
HIV disease resulting in mycobacterial infection	167 (108–258)	82 (33–155)	33 (8–108)	12 (2–45)	2 (1–7)	–	–
HIV disease resulting in other specified or unspecified diseases	856 (598–1,227)	415 (204–741)	174 (63–505)	65 (21–206)	16 (8–36)	–	–
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	1,735 (1,399–2,067)	1,964 (1,541–2,458)	2,184 (1,737–2,780)	2,368 (1,823–2,995)	2,477 (1,964–3,058)	2,159 (1,753–2,570)	3,533 (2,928–4,005)
Diarrheal diseases	525 (379–742)	627 (412–1,005)	812 (526–1,249)	808 (522–1,367)	806 (522–1,306)	557 (364–877)	560 (387–835)
Cholera	13 (8–21)	13 (7–23)	12 (7–21)	8 (4–14)	4 (2–9)	3 (1–5)	2 (1–4)
Other salmonella infections	35 (22–54)	37 (21–64)	42 (24–68)	37 (20–68)	34 (18–66)	25 (15–44)	30 (19–49)
Shigellosis	49 (29–79)	59 (32–112)	79 (43–134)	80 (42–153)	81 (43–158)	57 (30–105)	56 (31–98)
Enteropathogenic E coli infection	6 (3–10)	8 (4–16)	12 (6–22)	13 (6–27)	15 (7–30)	13 (7–25)	18 (10–32)
Enterotoxigenic E coli infection	64 (38–104)	74 (40–142)	92 (50–157)	89 (48–171)	86 (46–159)	58 (31–105)	55 (32–93)
Campylobacter enteritis	26 (15–42)	31 (16–62)	40 (21–70)	39 (20–79)	43 (22–83)	36 (18–67)	46 (26–79)
Amoebiasis	33 (20–54)	40 (22–78)	54 (30–90)	55 (30–107)	55 (29–105)	39 (20–69)	38 (21–67)
Cryptosporidiosis	10 (6–17)	12 (6–23)	15 (8–27)	15 (8–28)	15 (8–27)	10 (5–19)	10 (5–17)
Rotaviral enteritis	50 (30–77)	62 (35–118)	85 (48–144)	90 (50–169)	91 (50–168)	59 (32–103)	52 (32–87)
Other diarrheal diseases	239 (132–392)	290 (150–543)	382 (191–695)	382 (198–747)	381 (189–720)	259 (130–491)	253 (134–437)
Typhoid and paratyphoid fevers	74 (9–138)	51 (6–95)	29 (3–55)	23 (3–42)	21 (3–40)	15 (2–27)	9 (1–18)
Lower respiratory infections	869 (631–1,096)	1,002 (702–1,268)	1,147 (803–1,484)	1,316 (933–1,624)	1,482 (1,088–1,821)	1,444 (1,121–1,703)	2,879 (2,296–3,306)
Influenza	207 (154–262)	232 (164–293)	256 (179–333)	283 (199–354)	307 (224–379)	287 (222–342)	529 (419–614)
Pneumococcal pneumonia	319 (229–398)	372 (258–463)	428 (301–550)	500 (351–615)	563 (412–687)	558 (433–650)	1,162 (918–1,327)

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Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
H influenzae type B pneumonia	123 (90–157)	132 (94–166)	137 (97–178)	142 (102–177)	145 (105–179)	126 (97–149)	192 (153–225)
Respiratory syncytial virus pneumonia	9 (6–11)	10 (7–13)	11 (8–15)	13 (9–16)	15 (11–18)	14 (11–17)	29 (23–33)
Other lower respiratory infections	211 (150–275)	256 (180–340)	315 (220–415)	378 (266–483)	452 (330–567)	458 (359–556)	967 (767–1,130)
Upper respiratory infections	1 (1–1)	1 (1–1)	2 (1–2)	2 (1–2)	2 (1–2)	1 (1–2)	2 (2–3)
Otitis media	2 (0–24)	1 (0–14)	1 (0–11)	1 (0–9)	1 (0–7)	<0·5 (0–5)	<0·5 (0–4)
Meningitis	183 (123–256)	192 (117–303)	142 (97–208)	157 (93–243)	118 (81–181)	99 (53–192)	57 (34–104)
Pneumococcal meningitis	63 (41–89)	64 (39–108)	45 (31–68)	49 (29–81)	35 (23–54)	27 (14–55)	13 (7–24)
H influenzae type B meningitis	12 (8–18)	14 (8–25)	11 (7–18)	14 (8–24)	12 (7–19)	11 (5–23)	7 (4–14)
Meningococcal infection	36 (24–48)	36 (22–53)	26 (18–37)	26 (16–39)	19 (13–27)	13 (7–24)	6 (4–10)
Other meningitis	72 (48–100)	77 (49–124)	59 (41–86)	67 (40–103)	53 (37–81)	47 (26–93)	31 (20–54)
Encephalitis	60 (31–108)	65 (29–147)	40 (20–83)	53 (25–105)	37 (17–73)	36 (15–87)	18 (9–43)
Diphtheria	<0·5 (0–3)	<0·5 (0–3)	–	–	–	–	–
Whooping cough	2 (0–8)	5 (0–23)	–	–	–	–	–
Tetanus	15 (0–68)	17 (0–80)	9 (0–41)	8 (0–39)	8 (0–37)	5 (0–23)	3 (0–12)
Measles	1 (1–3)	1 (0–2)	–	–	–	–	–
Varicella	3 (0–17)	2 (0–13)	2 (0–12)	2 (0–12)	2 (0–12)	2 (0–15)	5 (0–34)
Neglected tropical diseases and malaria	513 (315–864)	490 (302–832)	460 (284–746)	406 (241–696)	328 (198–544)	191 (111–333)	156 (84–279)
Malaria	415 (229–772)	391 (214–724)	376 (207–637)	344 (180–626)	272 (148–485)	152 (81–285)	125 (59–246)
Chagas disease	8 (3–19)	10 (3–28)	10 (4–23)	9 (2–27)	7 (3–17)	5 (2–13)	5 (2–11)
Leishmaniasis	20 (11–32)	16 (9–27)	11 (6–18)	8 (4–13)	6 (3–10)	4 (2–6)	2 (1–4)
African trypanosomiasis	6 (1–18)	3 (0–10)	1 (0–5)	1 (0–2)	<0·5 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)
Schistosomiasis	20 (0–113)	22 (0–131)	19 (0–111)	15 (0–91)	13 (0–80)	10 (0–60)	6 (0–32)
Cysticercosis	2 (0–6)	2 (0–6)	1 (0–5)	1 (0–3)	1 (0–2)	<0·5 (0–1)	<0·5 (0–1)

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Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Echinococcosis	1 (0–5)	2 (0–7)	1 (0–5)	1 (0–5)	1 (0–5)	1 (0–4)	1 (0–3)
Dengue	9 (3–20)	8 (2–20)	8 (2–20)	6 (2–12)	4 (2–10)	3 (1–6)	5 (1–9)
Rabies	17 (6–40)	20 (7–51)	17 (6–43)	10 (3–24)	8 (3–20)	3 (1–8)	2 (0–3)
Intestinal nematode infections	<0·5 (0–2)	<0·5 (0–2)	<0·5 (0–2)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–1)
Ascariasis	<0·5 (0–2)	<0·5 (0–2)	<0·5 (0–2)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–1)
Other neglected tropical diseases	15 (8–27)	16 (8–30)	15 (7–29)	11 (5–20)	15 (6–31)	12 (5–28)	11 (4–32)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	294 (180–455)	331 (202–531)	343 (214–557)	349 (213–533)	370 (230–604)	301 (185–476)	405 (246–580)
Protein-energy malnutrition	254 (158–420)	285 (172–495)	297 (170–496)	301 (181–475)	321 (187–556)	258 (151–434)	325 (183–471)
Iodine deficiency	1 (1–1)	1 (1–1)	1 (1–1)	1 (1–1)	1 (1–1)	1 (1–2)	3 (2–4)
Iron-deficiency anemia	34 (21–47)	38 (24–54)	39 (23–56)	41 (25–56)	41 (24–58)	34 (21–46)	58 (32–72)
Other nutritional deficiencies	5 (3–8)	6 (4–9)	6 (4–9)	6 (4–8)	7 (4–10)	8 (5–10)	19 (10–24)

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Other communicable, maternal, neonatal, and nutritional disorders	451 (308–690)	499 (337–811)	447 (314–639)	425 (290–658)	329 (221–502)	231 (158–337)	147 (101–203)
Sexually transmitted diseases excluding HIV	12 (9–19)	8 (6–13)	8 (5–12)	6 (4–9)	7 (4–10)	5 (3–7)	5 (3–6)
Syphilis	1 (1–2)	2 (1–3)	2 (1–3)	2 (1–2)	2 (1–3)	1 (1–2)	1 (1–1)
Sexually transmitted chlamydial diseases	3 (2–4)	2 (1–3)	2 (1–3)	1 (1–2)	1 (1–2)	1 (1–1)	1 (1–1)
Gonococcal infection	2 (1–3)	1 (1–2)	1 (1–2)	1 (1–1)	1 (1–1)	1 (0–1)	1 (0–1)
Other sexually transmitted diseases	7 (5–11)	4 (3–7)	4 (2–6)	3 (2–4)	3 (2–4)	2 (1–3)	2 (1–3)
Hepatitis	304 (183–530)	344 (201–658)	276 (168–462)	237 (139–433)	184 (109–331)	100 (62–163)	45 (30–74)
Acute hepatitis A	118 (40–365)	140 (46–396)	105 (37–277)	100 (30–291)	69 (25–193)	39 (14–113)	18 (6–52)
Acute hepatitis B	152 (76–279)	171 (84–344)	143 (71–263)	115 (59–219)	97 (45–207)	51 (28–92)	23 (11–39)
Acute hepatitis C	25 (13–47)	26 (13–54)	24 (12–49)	19 (9–42)	17 (8–32)	9 (5–17)	4 (2–6)
Acute hepatitis E	9 (1–32)	7 (1–22)	3 (1–12)	2 (0–8)	1 (0–5)	1 (0–2)	<0·5 (0–1)
Other infectious diseases	135 (73–239)	147 (79–248)	163 (93–275)	183 (97–312)	139 (70–241)	126 (65–217)	97 (54–149)
Non-communicable diseases	22,642 (20,455–24,189)	27,649 (25,002–29,423)	28,935 (26,118–30,727)	29,030 (26,351–30,796)	31,933 (29,167–33,649)	28,123 (26,066–29,403)	38,755 (37,010–39,770)
Neoplasms	8,973 (8,103–9,718)	10,139 (9,201–10,926)	9,294 (8,392–10,018)	7,861 (7,080–8,614)	7,119 (6,372–7,705)	5,133 (4,567–5,568)	4,421 (3,858–4,788)
Esophageal cancer	281 (171–439)	351 (207–554)	376 (217–577)	327 (203–506)	277 (170–419)	189 (112–287)	139 (88–199)
Stomach cancer	590 (343–925)	708 (415–1,095)	685 (381–1,059)	654 (394–1,096)	643 (381–1,072)	489 (291–772)	434 (260–703)
Liver cancer	574 (391–751)	724 (505–940)	671 (456–842)	588 (409–748)	531 (355–647)	391 (271–484)	274 (180–327)
Liver cancer secondary to hepatitis B	220 (147–305)	282 (194–378)	260 (176–341)	224 (153–292)	195 (125–251)	139 (94–178)	88 (57–109)
Liver cancer secondary to hepatitis C	144 (98–185)	214 (148–274)	230 (159–283)	220 (156–273)	201 (136–242)	151 (103–182)	111 (74–132)
Liver cancer secondary to alcohol use	122 (84–164)	146 (101–191)	128 (89–163)	110 (79–140)	105 (70–128)	80 (54–101)	62 (42–75)
Other liver cancer	87 (58–115)	82 (56–105)	53 (36–67)	34 (24–43)	30 (20–37)	21 (14–26)	13 (9–16)
Larynx cancer	35 (16–60)	46 (23–73)	46 (23–75)	33 (18–51)	34 (17–51)	18 (9–27)	14 (7–20)
Trachea, bronchus and lung cancers	1,056 (596–1,388)	1,364 (821–1,797)	1,371 (769–1,824)	1,260 (707–1,566)	1,142 (608–1,422)	829 (409–1,016)	581 (290–718)

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Breast cancer	1,702 (1,594–1,831)	1,692 (1,586–1,814)	1,256 (1,185–1,345)	879 (819–939)	701 (656–750)	465 (434–502)	445 (409–485)
Cervical cancer	969 (568–1,332)	886 (536–1,249)	703 (408–982)	487 (293–710)	375 (245–558)	201 (129–307)	138 (91–211)
Uterine cancer	136 (62–199)	188 (82–262)	179 (84–271)	159 (75–242)	139 (64–218)	94 (43–143)	78 (36–123)
Prostate cancer	–	–	–	–	–	–	–
Colon and rectum cancers	632 (485–811)	767 (601–963)	770 (610–1,028)	709 (558–894)	757 (574–974)	617 (457–769)	656 (491–830)
Mouth cancer	137 (86–197)	132 (92–188)	133 (90–182)	109 (77–150)	88 (60–115)	57 (38–74)	59 (38–75)
Nasopharynx cancer	66 (36–115)	68 (38–111)	57 (28–104)	40 (20–67)	30 (15–51)	18 (9–30)	11 (6–19)
Cancer of other part of pharynx and oropharynx	117 (50–222)	100 (44–168)	82 (38–134)	59 (29–97)	43 (23–72)	26 (13–41)	17 (9–26)
Gallbladder and biliary tract cancer	174 (76–271)	231 (106–357)	233 (113–370)	221 (110–359)	208 (105–336)	157 (78–253)	144 (74–236)
Pancreatic cancer	233 (136–361)	348 (203–548)	372 (221–566)	353 (209–549)	361 (215–564)	281 (161–421)	247 (144–395)
Malignant melanoma of skin	51 (27–80)	54 (29–80)	49 (26–77)	40 (20–59)	39 (20–61)	30 (15–46)	34 (17–55)
Non-melanoma skin cancer	15 (6–29)	18 (7–34)	19 (7–34)	18 (7–32)	19 (8–36)	20 (9–38)	42 (18–77)
Ovarian cancer	614 (438–823)	610 (437–819)	519 (362–674)	386 (273–516)	297 (199–384)	185 (121–236)	135 (93–176)
Testicular cancer	–	–	–	–	–	–	–
Kidney and other urinary organ cancers	126 (68–211)	170 (89–289)	166 (88–278)	150 (78–246)	140 (69–236)	102 (53–168)	89 (47–144)
Bladder cancer	56 (44–68)	68 (56–81)	82 (65–98)	84 (71–97)	98 (80–113)	87 (71–99)	112 (88–128)
Brain and nervous system cancers	258 (121–415)	274 (128–408)	250 (111–384)	187 (85–273)	152 (64–235)	100 (41–151)	69 (24–108)
Thyroid cancer	42 (24–60)	58 (34–81)	60 (34–83)	58 (35–78)	58 (36–77)	42 (24–57)	32 (19–43)
Hodgkin's disease	17 (9–29)	16 (8–29)	15 (7–26)	13 (6–22)	11 (6–19)	8 (4–14)	6 (3–10)
Non-Hodgkin's lymphoma	162 (105–195)	194 (125–234)	205 (131–245)	189 (124–225)	176 (109–208)	133 (82–158)	121 (75–147)
Multiple myeloma	58 (30–94)	84 (45–132)	94 (49–155)	88 (44–145)	84 (44–136)	63 (31–97)	54 (28–86)
Leukemia	228 (136–314)	255 (146–351)	229 (130–304)	195 (111–262)	181 (98–242)	138 (75–178)	133 (72–174)
Other neoplasms	642 (358–937)	733 (408–1,056)	675 (385–945)	578 (330–830)	536 (304–744)	395 (218–535)	356 (209–501)

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Cardiovascular and circulatory diseases	7,217 (5,462–8,477)	9,394 (7,264–10,800)	10,736 (8,276–12,003)	11,977 (9,619–13,621)	15,204 (12,614–16,902)	14,798 (12,735–16,134)	23,539 (21,392–25,498)
Rheumatic heart disease	350 (270–469)	399 (305–530)	369 (297–449)	333 (274–400)	335 (278–405)	266 (231–306)	360 (324–398)
Ischemic heart disease	2,818 (2,329–3,300)	3,811 (3,030–4,373)	4,481 (3,757–5,151)	4,976 (4,348–5,620)	6,536 (5,792–7,219)	6,191 (5,591–6,773)	10,602 (9,921–11,650)
Cerebrovascular disease	2,800 (2,220–3,305)	3,632 (2,883–4,236)	4,203 (3,327–4,900)	4,834 (3,872–5,693)	6,235 (5,073–7,210)	6,292 (5,210–7,135)	9,135 (7,964–10,573)
Ischemic stroke	481 (422–566)	761 (665–914)	1,241 (1,088–1,489)	1,631 (1,474–1,887)	2,834 (2,555–3,202)	3,279 (2,952–3,717)	6,256 (5,791–6,860)
Hemorrhagic and other non-ischemic stroke	2,318 (1,865–2,777)	2,871 (2,304–3,448)	2,961 (2,348–3,547)	3,203 (2,554–3,865)	3,401 (2,781–3,968)	3,013 (2,436–3,593)	2,878 (2,407–3,313)
Hypertensive heart disease	522 (334–771)	650 (434–941)	764 (500–1,089)	869 (576–1,280)	981 (672–1,433)	922 (617–1,290)	1,375 (938–1,979)
Cardiomyopathy and myocarditis	252 (204–307)	280 (237–341)	272 (232–331)	258 (220–307)	262 (224–311)	236 (205–275)	354 (308–399)
Atrial fibrillation and flutter	14 (10–22)	23 (15–38)	36 (24–58)	48 (34–76)	78 (55–120)	106 (79–152)	311 (238–423)
Aortic aneurysm	62 (37–115)	79 (49–126)	102 (63–171)	123 (77–198)	161 (96–273)	153 (98–244)	211 (140–330)
Peripheral vascular disease	13 (7–24)	18 (10–32)	23 (14–40)	26 (16–49)	39 (22–76)	44 (25–80)	127 (77–209)
Endocarditis	30 (20–41)	31 (21–41)	33 (22–44)	30 (22–41)	31 (22–41)	28 (20–36)	41 (29–54)
Other cardiovascular and circulatory diseases	355 (310–415)	471 (411–542)	455 (412–500)	479 (439–525)	545 (500–598)	561 (519–604)	1,022 (964–1,089)
Chronic respiratory diseases	1,377 (1,151–1,687)	2,216 (1,843–2,695)	2,854 (2,468–3,369)	3,352 (2,924–3,849)	3,770 (3,306–4,312)	3,266 (2,912–3,642)	4,067 (3,748–4,476)
Chronic obstructive pulmonary disease	931 (708–1,231)	1,633 (1,267–2,142)	2,205 (1,806–2,663)	2,673 (2,253–3,176)	3,065 (2,597–3,625)	2,672 (2,339–3,063)	3,304 (3,010–3,631)
Pneumoconiosis	28 (14–51)	43 (21–88)	56 (27–123)	64 (30–134)	79 (35–181)	69 (34–128)	119 (59–284)
Asthma	241 (182–414)	312 (228–536)	328 (244–539)	336 (259–532)	332 (245–513)	255 (195–387)	243 (194–361)
Other interstitial lung disease	43 (22–70)	61 (31–100)	71 (36–114)	83 (40–137)	91 (46–142)	84 (42–127)	98 (44–154)
Other chronic respiratory diseases	134 (92–218)	166 (110–282)	193 (125–323)	196 (126–317)	202 (137–311)	187 (136–274)	303 (214–424)
Cirrhosis of the liver	979 (765–1,193)	1,087 (832–1,352)	967 (763–1,190)	765 (614–941)	656 (492–797)	422 (333–522)	325 (276–424)
Cirrhosis of the liver secondary to hepatitis B	299 (251–377)	355 (286–453)	337 (280–424)	275 (229–343)	232 (185–289)	141 (115–176)	92 (79–124)
Cirrhosis of the liver secondary to hepatitis C	342 (278–401)	412 (318–494)	394 (321–467)	323 (260–377)	277 (215–329)	182 (145–215)	149 (128–182)
Cirrhosis of the liver secondary to alcohol use	156 (124–183)	160 (123–193)	128 (105–153)	96 (78–113)	87 (67–104)	59 (49–70)	54 (47–67)

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Other cirrhosis of the liver	182 (153–213)	160 (126–195)	108 (89–129)	70 (57–83)	60 (47–73)	39 (31–47)	30 (25–37)
Digestive diseases (except cirrhosis)	755 (626–942)	798 (681–959)	912 (785–1,071)	853 (747–990)	928 (815–1,064)	856 (764–961)	1,251 (1,157–1,372)
Peptic ulcer disease	202 (130–324)	168 (115–260)	199 (135–304)	180 (124–272)	185 (129–279)	165 (120–241)	211 (163–285)
Gastritis and duodenitis	9 (5–14)	9 (5–15)	11 (6–17)	10 (6–15)	11 (7–17)	10 (6–15)	17 (11–27)
Appendicitis	22 (9–35)	26 (11–37)	30 (12–47)	25 (10–39)	25 (9–39)	20 (8–29)	21 (9–28)
Paralytic ileus and intestinal obstruction without hernia	96 (58–140)	99 (60–153)	113 (67–163)	102 (65–146)	115 (71–172)	112 (72–161)	174 (103–241)
Inguinal or femoral hernia	7 (7–8)	9 (9–9)	11 (11–11)	11 (11–12)	15 (14–15)	15 (14–15)	25 (24–26)
Noninfective inflammatory bowel disease	21 (14–30)	23 (15–34)	22 (15–31)	20 (13–28)	23 (15–32)	22 (15–31)	40 (25–53)
Vascular disorders of intestine	21 (11–46)	29 (17–61)	39 (23–82)	50 (26–93)	67 (35–116)	75 (38–132)	132 (63–236)
Gall bladder and bile duct disease	58 (38–80)	69 (50–97)	74 (51–99)	74 (52–109)	81 (60–113)	80 (54–116)	136 (89–189)
Pancreatitis	56 (39–80)	58 (38–79)	59 (39–81)	51 (35–69)	55 (36–75)	47 (32–62)	55 (36–73)
Other digestive diseases	263 (162–442)	307 (202–522)	355 (223–573)	329 (217–512)	351 (230–565)	310 (206–472)	441 (303–670)
Neurological disorders	720 (393–1,314)	791 (448–1,387)	807 (452–1,536)	824 (486–1,461)	927 (584–1,604)	953 (654–1,388)	1,996 (1,189–2,611)
Alzheimer's disease and other dementias	36 (23–61)	63 (42–99)	94 (60–160)	134 (88–214)	237 (148–352)	400 (233–534)	1,445 (662–1,932)
Parkinson's disease	13 19)	25 (15–37)	36 (24–55)	57 (36–83)	90 (58–129)	111 (69–156)	176 (8– (102–230)
Epilepsy	109 (61–147)	96 (52–129)	70 (40–99)	76 (41–106)	58 (31–80)	48 (24–69)	59 (28–94)
Multiple sclerosis	44 (28–65)	39 (22–57)	31 (18–45)	21 (13–30)	15 (9–21)	9 (5–13)	6 (3–8)
Other neurological disorders	518 (206–1,101)	570 (252–1,148)	575 (235–1,304)	537 (220–1,165)	528 (218–1,208)	384 (167–775)	310 (135–652)
Mental and behavioral disorders	201 (128–334)	171 (107–277)	113 (75–183)	77 (54–123)	64 (48–104)	46 (35–68)	63 (44–100)
Schizophrenia	22 (15–39)	24 (15–40)	17 (10–29)	14 (9–22)	11 (8–18)	10 (7–15)	10 (6–15)
Alcohol use disorders	107 (43–223)	93 (37–200)	59 (24–124)	34 (15–73)	22 (10–50)	11 (5–26)	7 (3–19)
Drug use disorders	58 (23–107)	42 (19–77)	25 (12–43)	18 (10–31)	18 (11–37)	11 (7–24)	13 (7–27)
Opioid use disorders	33 (12–62)	22 (10–40)	13 (7–23)	9 (5–17)	9 (5–18)	6 (4–13)	7 (4–15)

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Cocaine use disorders	<0·5 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Amphetamine use disorders	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Other drug use disorders	25 (10–43)	19 (9–34)	11 (6–21)	8 (5–15)	9 (5–19)	5 (3–11)	6 (3–13)
Eating disorders	6 (3–9)	5 (2–8)	4 (2–6)	3 (2–5)	3 (2–5)	4 (2–6)	11 (5–21)
Other mental and behavioral disorders	7 (3–12)	8 (4–13)	8 (4–13)	8 (4–13)	9 (5–15)	10 (5–18)	22 (11–43)
Diabetes, urogenital, blood, and endocrine diseases	2,093 (1,751–2,363)	2,674 (2,247–2,972)	2,893 (2,488–3,232)	2,996 (2,507–3,315)	2,907 (2,425–3,221)	2,324 (1,940–2,594)	2,659 (2,226–3,008)
Diabetes mellitus	1,052 (793–1,195)	1,457 (1,117–1,647)	1,654 (1,319–1,850)	1,797 (1,359–2,028)	1,764 (1,305–1,956)	1,344 (1,014–1,485)	1,236 (938–1,357)
Acute glomerulonephritis	42 (15–116)	42 (17–129)	40 (17–101)	39 (15–103)	29 (12–71)	20 (8–52)	15 (6–44)
Chronic kidney diseases	597 (402–739)	735 (481–915)	740 (489–897)	701 (471–866)	635 (411–770)	518 (340–616)	702 (469–858)
Chronic kidney disease due to diabetes mellitus	180 (118–229)	253 (165–322)	290 (188–367)	245 (164–315)	190 (121–236)	131 (86–161)	153 (99–196)
Chronic kidney disease due to hypertension	130 (88–160)	153 (99–193)	146 (97–181)	150 (100–185)	147 (95–178)	127 (83–153)	180 (120–221)
Chronic kidney disease unspecified	287 (194–363)	329 (217–416)	303 (203–377)	305 (202–388)	298 (190–366)	260 (171–312)	369 (244–449)
Urinary diseases and male infertility	154 (108–213)	174 (117–226)	189 (137–258)	207 (140–276)	236 (163–321)	224 (158–299)	388 (265–522)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	88 (50–132)	98 (62–138)	105 (63–150)	116 (67–160)	140 (83–203)	139 (81–193)	274 (141–385)
Urolithiasis	12 (6–21)	15 (7–28)	16 (7–31)	17 (7–34)	17 (7–31)	16 (7–29)	20 (8–39)
Other urinary diseases	54 (35–82)	60 (40–85)	68 (47–100)	75 (48–107)	79 (51–114)	69 (45–102)	94 (63–138)
Gynecological diseases	17 (16–17)	13 (13–14)	10 (9–10)	9 (9–9)	8 (8–8)	7 (7–7)	9 (8–10)
Uterine fibroids	3 (2–3)	2 (2–2)	1 (1–1)	1 (1–1)	1 (1–1)	1 (1–1)	1 (1–1)
Endometriosis	<0·5 (0–0·5)	–	–	–	–	–	–
Genital prolapse	<0·5 (0–0·5)	1 (0–1)	1 (0–1)	1 (1–1)	1 (1–1)	1 (1–1)	1 (1–1)
Other gynecological diseases	14 (13–15)	11 (10–12)	8 (8–9)	7 (7–8)	7 (6–7)	6 (5–6)	7 (7–8)
Hemoglobinopathies and hemolytic anemias	51 (34–88)	59 (37–107)	59 (39–102)	59 (37–105)	63 (40–107)	59 (36–103)	73 (45–126)
Thalassemias	13 (10–18)	10 (8–13)	5 (4–6)	2 (2–3)	1 (1–1)	<0·5 (0–0·5)	<0·5 (0–0·5)

Web Table 29 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 2010							
Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Sickle cell disorders	12 (7–19)	11 (6–17)	8 (5–11)	5 (4–7)	3 (2–4)	1 (1–2)	1 (0–1)
G6PD deficiency	2 (1–2)	2 (1–3)	2 (1–2)	2 (1–2)	2 (2–3)	2 (2–3)	3 (2–4)
Other hemoglobinopathies and hemolytic anemias	24 54)	37 (17–71)	45 (23–78)	50 (26–87)	57 (32–97)	55 (31–99)	69 (9– (43–117)
Other endocrine, nutritional, blood, and immune disorders	180 (92–328)	194 (92–339)	201 (99–374)	185 (93–361)	173 (89–318)	152 (83–296)	237 (121–467)
Musculoskeletal disorders	168 (100–267)	197 (111–321)	169 (102–289)	151 (87–232)	155 (90–255)	156 (89–244)	185 (107–289)
Rheumatoid arthritis	52 (35–90)	74 (49–128)	65 (43–103)	64 (43–103)	65 (43–109)	66 (42–109)	54 (36–87)
Other musculoskeletal disorders	115 (85–168)	122 (89–174)	104 (80–143)	87 (66–114)	90 (65–120)	90 (62–116)	131 (81–169)
Other non-communicable diseases	159 (115–212)	183 (129–252)	189 (127–253)	175 (118–236)	201 (140–258)	169 (120–224)	248 (175–304)
Congenital anomalies	89 (58–131)	113 (68–174)	116 (65–175)	106 (59–160)	118 (64–167)	92 (49–138)	123 (65–169)
Neural tube defects	5 (2–16)	8 (2–23)	7 (2–19)	6 (2–15)	9 (3–19)	6 (2–15)	4 (1–9)
Congenital heart anomalies	32 (22–46)	40 (26–58)	46 (29–70)	49 (28–79)	61 (34–95)	51 (28–83)	85 (57–131)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	15 (8–26)	17 (9–28)	13 (6–24)	6 (2–13)	2 (1–3)	1 (0–1)	1 (0–1)
Other chromosomal abnormalities	2 (1–4)	3 (1–8)	2 (1–3)	6 (1–42)	1 (0–2)	1 (0–2)	2 (0–4)
Other congenital anomalies	34 (20–65)	46 (26–92)	48 (27–92)	39 (22–72)	45 (26–85)	33 (18–65)	32 (17–61)
Skin and subcutaneous diseases	70 (38–109)	69 (41–103)	73 (41–115)	69 (40–99)	84 (51–119)	76 (46–105)	125 (80–159)
Cellulitis	24 (13–37)	23 (14–35)	23 (13–35)	19 (11–28)	19 (12–27)	14 (8–19)	16 (10–20)
Abscess, impetigo, and other bacterial skin diseases	28 (15–43)	27 (16–41)	27 (15–41)	23 (13–33)	25 (15–35)	20 (12–27)	27 (18–35)
Decubitus ulcer	18 (10–28)	18 (11–27)	23 (13–35)	26 (15–38)	39 (24–55)	42 (25–58)	81 (53–102)
Other skin and subcutaneous diseases	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	2,798 (2,373–3,424)	2,453 (2,075–2,934)	1,960 (1,649–2,313)	1,577 (1,317–1,829)	1,405 (1,163–1,615)	1,113 (939–1,276)	1,447 (1,171–1,641)
Transport injuries	737 (512–1,084)	703 (485–999)	540 (370–786)	423 (281–601)	346 (240–501)	232 (164–327)	150 (112–208)

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Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Road injury	705 (546–1,065)	676 (524–987)	520 (404–770)	408 (325–599)	334 (262–509)	223 (181–348)	143 (116–220)
Pedestrian injury by road vehicle	222 (133–351)	227 (139–347)	186 (113–279)	150 (94–224)	131 (83–199)	97 (59–142)	65 (42–94)
Pedal cycle vehicle	44 (25–86)	44 (26–86)	35 (19–70)	28 (17–53)	25 (14–49)	16 (10–28)	9 (5–15)
Motorized vehicle with two wheels	69 (48–98)	60 (41–84)	45 (30–69)	31 (21–45)	23 (17–33)	15 (11–20)	9 (6–13)
Motorized vehicle with three or more wheels	283 (194–417)	255 (173–374)	187 (121–269)	154 (102–224)	116 (79–168)	72 (48–102)	46 (31–70)
Road injury other	87 (16–320)	91 (18–272)	67 (14–236)	44 (10–153)	39 (8–126)	23 (5–76)	14 (3–54)
Other transport injury	32 (21–44)	26 (17–38)	20 (13–28)	14 (9–22)	12 (8–16)	9 (6–13)	7 (5–10)
Unintentional injuries other than transport injuries	1,020 (809–1,290)	911 (732–1,128)	789 (620–961)	694 (546–836)	696 (538–843)	661 (515–789)	1,123 (858–1,301)
Falls	196 (124–287)	202 (129–288)	211 (125–289)	219 (129–311)	264 (164–377)	316 (195–427)	677 (448–846)
Drowning	130 (93–196)	114 (76–175)	105 (70–161)	82 (57–121)	77 (51–120)	55 (38–80)	47 (31–67)
Fire, heat and hot substances	213 (105–440)	178 (91–344)	144 (83–264)	118 (66–197)	107 (63–177)	82 (51–119)	85 (56–114)
Poisonings	138 (73–194)	101 (59–138)	65 (42–98)	51 (31–68)	39 (27–59)	30 (18–40)	27 (17–38)
Exposure to mechanical forces	112 (72–184)	95 (50–163)	66 (36–108)	54 (31–100)	44 (21–77)	35 (19–64)	35 (14–66)
Mechanical forces (firearm)	44 (10–145)	32 (8–94)	22 (6–60)	20 (4–63)	15 (3–43)	11 (2–35)	8 (2–29)
Mechanical forces (other)	68 (31–119)	64 (28–122)	43 (21–80)	34 (13–67)	29 (12–53)	24 (9–53)	27 (11–50)
Adverse effects of medical treatment	53 (22–81)	51 (23–73)	50 (24–71)	50 (24–70)	47 (23–65)	44 (21–64)	62 (28–94)
Animal contact	41 (19–78)	33 (16–62)	30 (15–56)	22 (11–39)	21 (10–36)	14 (6–26)	9 (4–18)
Animal contact (venomous)	29 (10–63)	22 (8–48)	19 (7–40)	14 (5–28)	13 (5–27)	8 (3–19)	5 (2–11)
Animal contact (non-venomous)	13 (6–24)	11 (4–21)	11 (4–21)	8 (3–17)	8 (3–15)	6 (2–12)	4 (2–9)
Unintentional injuries not classified elsewhere	138 (91–200)	137 (89–204)	120 (75–182)	99 (63–138)	98 (59–145)	87 (57–118)	180 (111–224)
Self-harm and interpersonal violence	866 (578–1,284)	696 (456–1,137)	529 (325–754)	388 (239–585)	325 (209–450)	209 (140–296)	171 (117–252)
Self-harm	734 (443–1,141)	597 (354–1,027)	464 (263–684)	344 (196–545)	290 (174–414)	185 (117–272)	148 (96–230)
Interpersonal violence	132 (107–183)	98 (79–138)	66 (52–89)	44 (35–56)	36 (28–46)	24 (18–30)	23 (15–30)

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Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Assault by firearm	37 (18–73)	23 (10–45)	15 (6–28)	8 (3–16)	5 (2–9)	3 (1–6)	2 (1–4)
Assault by sharp object	35 (20–56)	27 (14–42)	18 (9–28)	12 (6–19)	10 (5–16)	5 (2–8)	5 (2–8)
Assault by other means	59 (40–87)	48 (31–77)	33 (22–48)	24 (16–33)	21 (14–30)	15 (10–22)	16 (10–23)
Forces of nature, war, and legal intervention	175 (88–373)	144 (76–294)	102 (56–197)	72 (42–135)	38 (22–70)	11 (6–21)	3 (1–6)
Exposure to forces of nature	161 (79–342)	132 (68–267)	92 (50–176)	64 (38–118)	33 (20–58)	9 (5–16)	2 (1–4)
Collective violence and legal intervention	14 (8–32)	12 (7–28)	10 (5–23)	8 (4–17)	5 (3–11)	2 (1–5)	1 (1–2)

*For these causes, the mean value is outside of the 95% uncertainty interval. This occurs because the full distribution of 1,000 draws is asymmetric with a long tail. A small number of high values in the uncertainty distribution raises the mean above the 97.5 percentile of the distribution.

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
All causes	1,919,208 (1,851,563–1,998,556)	269,296 (242,747–293,394)	108,730 (101,798–115,579)	306,501 (284,845–342,901)	302,251 (273,292–339,849)	56,084 (53,219–59,480)	32,299 (30,751–34,056)
Communicable, maternal, neonatal, and nutritional disorders	1,067,685 (1,005,487–1,149,294)	248,406 (220,506–272,379)	96,944 (90,221–104,168)	260,521 (239,261–299,450)	233,069 (205,836–272,535)	33,264 (30,151–37,734)	14,959 (13,333–16,935)
HIV/AIDS and tuberculosis	71,687 (64,982–82,403)	–	–	3,535 (2,769–4,479)	8,021 (6,482–10,101)	1,660 (1,346–2,139)	987 (820–1,241)
Tuberculosis	55,165 (49,488–64,761)	–	–	2,580 (1,887–3,508)	4,698 (3,548–6,534)	1,419 (1,114–1,894)	933 (768–1,190)
HIV/AIDS	16,522 (13,472–20,698)	–	–	954 (736–1,210)	3,322 (2,551–4,239)	241 (180–331)	54 (39–90)
HIV disease resulting in mycobacterial infection	3,062 (2,445–3,944)	–	–	203 (156–259)	702 (533–905)	50 (36–69)	8 (5–14)
HIV disease resulting in other specified or unspecified diseases	13,460 (10,904–16,981)	–	–	751 (571–970)	2,621 (1,962–3,422)	191 (141–269)	46 (33–76)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	524,589 (473,028–605,481)	32,176 (27,248–38,187)	47,381 (42,782–53,281)	192,613 (170,510–232,903)	157,780 (132,604–199,675)	22,504 (18,979–27,711)	9,163 (7,606–11,204)
Diarrheal diseases	175,884 (161,739–190,525)	5,521 (4,267–7,326)	13,595 (11,198–16,338)	70,924 (62,808–78,587)	55,749 (49,165–63,403)	6,691 (5,450–8,079)	2,440 (2,013–2,930)
Cholera	9,688 (7,716–12,063)	313 (199–497)	763 (509–1,144)	3,725 (2,647–5,096)	3,838 (3,019–4,899)	352 (253–489)	94 (67–132)
Other salmonella infections	9,287 (7,448–11,360)	217 (146–317)	548 (388–781)	3,094 (2,327–4,095)	2,876 (2,308–3,644)	576 (434–752)	302 (218–398)
Shigellosis	12,872 (10,747–15,295)	340 (225–493)	846 (587–1,173)	4,306 (3,286–5,460)	4,151 (3,349–5,096)	705 (529–921)	332 (244–443)
Enteropathogenic E coli infection	16,836 (13,280–20,609)	709 (469–1,103)	1,766 (1,224–2,538)	9,232 (7,009–11,548)	4,492 (3,512–5,537)	261 (193–346)	57 (41–80)
Enterotoxigenic E coli infection	11,740 (9,899–14,043)	317 (213–470)	790 (579–1,120)	4,217 (3,275–5,437)	3,441 (2,807–4,167)	451 (339–588)	201 (146–273)
Campylobacter enteritis	15,858 (12,824–19,063)	567 (381–844)	1,411 (1,007–1,950)	7,394 (5,742–9,201)	4,784 (3,814–5,942)	432 (310–577)	144 (101–199)
Amoebiasis	3,435 (2,720–4,258)	64 (36–113)	156 (95–257)	791 (521–1,175)	1,030 (782–1,313)	156 (111–209)	71 (49–97)
Cryptosporidiosis	18,246 (14,872–21,724)	715 (513–1,021)	1,729 (1,325–2,274)	9,096 (7,285–11,060)	5,856 (4,714–7,194)	344 (251–456)	61 (43–84)
Rotaviral enteritis	41,065 (34,155–47,619)	1,414 (974–2,090)	3,420 (2,525–4,422)	18,047 (14,539–21,432)	14,808 (12,006–17,769)	1,156 (852–1,511)	272 (199–364)
Other diarrheal diseases	36,859 (26,630–49,723)	863 (497–1,400)	2,165 (1,361–3,358)	11,022 (7,374–15,848)	10,474 (7,064–15,281)	2,258 (1,560–3,120)	907 (635–1,273)
Typhoid and paratyphoid fevers	9,122 (1,100–17,011)	–	–	621 (74–1,169)	2,126 (244–4,010)	1,730 (212–3,213)	1,108 (135–2,067)
Lower respiratory infections	204,347 (181,135–220,424)	17,898 (14,424–20,955)	19,164 (16,255–21,761)	77,598 (68,694–85,137)	52,560 (45,302–60,715)	5,602 (4,673–6,480)	2,672 (2,127–3,094)
Influenza	31,918 (27,970–35,597)	2,555 (1,957–3,163)	2,719 (2,175–3,280)	11,289 (9,349–13,285)	7,664 (6,500–9,121)	958 (781–1,124)	520 (412–617)
Pneumococcal pneumonia	43,072 (38,273–47,272)	2,909 (2,243–3,575)	3,094 (2,498–3,717)	12,702 (10,583–14,930)	13,717 (11,948–15,901)	1,256 (1,037–1,478)	490 (381–582)

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Cause	Both Sexes, All Ages	Both Sexes, 0-6 Days	Both Sexes, 7-27 Days	Both Sexes, 28-364 Days	Both Sexes, 1-4 Years	Both Sexes, 5-9 Years	Both Sexes, 10-14 Years
H influenzae type B pneumonia	43,680 (38,170–48,673)	4,067 (3,160–5,029)	4,305 (3,486–5,157)	17,874 (15,162–20,717)	11,892 (10,196–13,929)	1,189 (966–1,407)	512 (405–606)
Respiratory syncytial virus pneumonia	44,918 (38,770–51,120)	5,943 (4,749–7,184)	6,478 (5,396–7,687)	25,393 (22,034–29,008)	6,734 (5,797–7,870)	56 (47–65)	27 (21–31)
Other lower respiratory infections	40,758 (35,255–46,382)	2,425 (1,685–3,218)	2,569 (1,888–3,354)	10,340 (8,072–13,092)	12,553 (10,374–14,719)	2,143 (1,756–2,491)	1,122 (880–1,314)
Upper respiratory infections	257 (227–278)	20 (16–23)	22 (19–25)	101 (90–111)	67 (58–78)	10 (9–12)	4 (4–5)
Otitis media	377 (0–4,401)	5 (0–63)	21 (0–248)	238 (0–2,896)	43 (0–468)	10 (0–112)	8 (0–89)
Meningitis	35,059 (31,121–42,243)	1,746 (1,306–2,340)	3,822 (2,952–5,034)	11,214 (9,259–14,045)	9,795 (7,880–13,257)	2,136 (1,596–2,881)	1,011 (781–1,352)
Pneumococcal meningitis	8,522 (7,500–10,473)	325 (227–452)	716 (531–954)	1,992 (1,606–2,574)	2,662 (2,083–3,746)	680 (499–921)	338 (253–465)
H influenzae type B meningitis	9,496 (8,161–11,931)	484 (349–655)	1,081 (805–1,462)	3,112 (2,511–4,016)	3,453 (2,648–4,764)	711 (515–976)	241 (178–338)
Meningococcal infection	5,372 (4,715–6,629)	203 (135–299)	440 (326–599)	1,165 (926–1,525)	1,846 (1,442–2,620)	430 (338–569)	218 (177–282)
Other meningitis	11,668 (10,308–13,895)	735 (539–958)	1,585 (1,223–2,042)	4,945 (4,095–6,213)	1,833 (1,469–2,515)	315 (242–420)	214 (169–284)
Encephalitis	9,975 (8,642–11,963)	440 (305–647)	1,081 (707–1,589)	2,810 (2,156–3,612)	2,520 (1,868–3,415)	938 (576–1,415)	411 (236–657)
Diphtheria	513 (0–4,349)	–	–	120 (0–996)	308 (0–2,667)	57 (0–508)	14 (0–118)
Whooping cough	14,150 (49–69,288)	–	–	11,387 (40–55,142)	2,533 (8–12,665)	126 (0–641)	26 (0–129)
Tetanus	21,737 (13,511–34,251)	6,527 (3,441–11,526)	9,640 (5,689–15,054)	3,161 (1,628–5,510)	499 (6–2,099)	424 (5–1,716)	228 (3–923)
Measles	52,464 (15,647–123,953)	–	–	14,215 (4,207–34,316)	31,354 (9,335–73,372)	4,725 (1,444–10,598)	1,221 (352–3,037)
Varicella	705 (0–4,759)	19 (0–120)	35 (0–231)	223 (0–1,509)	228 (0–1,561)	54 (0–361)	20 (0–140)
Neglected tropical diseases and malaria	80,317 (65,500–97,265)	40 (23–78)	2,066 (1,431–2,923)	17,404 (12,705–23,061)	34,167 (24,257–44,895)	4,859 (3,605–6,331)	2,777 (2,190–3,441)
Malaria	66,476 (52,135–82,784)	–	1,949 (1,327–2,801)	16,236 (11,285–21,938)	30,551 (20,867–41,155)	2,882 (1,938–4,082)	1,602 (1,137–2,202)
Chagas disease	261 (127–547)	–	–	2 (1–3)	1 (1–3)	1 (0–3)	1 (0–4)
Leishmaniasis	5,764 (3,271–9,353)	–	57 (25–114)	687 (308–1,306)	1,794 (874–3,237)	823 (439–1,419)	551 (313–878)
African trypanosomiasis	2,001 (592–4,347)	–	–	–	241 (53–493)	189 (57–421)	197 (63–418)
Schistosomiasis	328 (0–1,973)	–	–	1 (0–8)	12 (0–67)	6 (0–34)	7 (0–41)
Cysticercosis	31 (1–115)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	1 (0–2)	1 (0–3)	1 (0–5)

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Cause	Both Sexes, All Ages	Both Sexes, 0-6 Days	Both Sexes, 7-27 Days	Both Sexes, 28-364 Days	Both Sexes, 1-4 Years	Both Sexes, 5-9 Years	Both Sexes, 10-14 Years
Echinococcosis	63 (1–241)	–	–	–	1 (0–5)	3 (0–13)	3 (0–12)
Dengue	706 (220–1,507)	–	–	106 (25–248)	252 (52–697)	103 (34–226)	40 (15–79)
Rabies	3,233 (1,865–6,508)	–	–	177 (77–383)	864 (317–2,344)	724 (379–1,423)	316 (173–623)
Intestinal nematode infections	267 (1–1,286)	–	–	31 (0–142)	178 (1–842)	36 (0–167)	8 (0–37)
Ascariasis	267 (1–1,286)	–	–	31 (0–142)	178 (1–842)	36 (0–167)	8 (0–37)
Other neglected tropical diseases	1,187 (733–1,618)	40 (23–78)	60 (33–108)	165 (92–289)	274 (117–541)	91 (42–181)	52 (28–87)
Maternal disorders	20,189 (16,810–24,262)	–	–	–	–	–	–
Maternal hemorrhage	4.640 (3,782–5,562)	–	–	–	–	–	–
Maternal sepsis	1,963 (1,626–2,417)	–	–	–	–	–	–
Hypertensive disorders of pregnancy	4.039 (3,342–4,925)	–	–	–	–	–	–
Obstructed labor	1,082 (887–1,342)	–	–	–	–	–	–
Abortion	3.191 (2,648–3,920)	–	–	–	–	–	–
Other maternal disorders	5,274 (4,339–6,279)	–	–	–	–	–	–
Neonatal disorders	265.289 (231,114–292,218)	206.954 (179,879–229,771)	43.626 (36,991–50,459)	14.137 (11,362–16,935)	571 (441–764)	–	–
Preterm birth complications	103,670 (85,941–118,533)	84,786 (69,685–97,425)	13,998 (10,809–16,865)	4,796 (3,588–6,048)	91 (56–137)	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	54.967 (44,507–68,747)	46.659 (37,339–59,335)	6.340 (4,838–8,364)	1.764 (1,316–2,293)	204 (112–354)	–	–
Sepsis and other infectious disorders of the newborn baby	46,011 (25,137–70,325)	33,698 (18,545–51,677)	9,766 (5,033–15,116)	2,490 (1,253–4,317)	56 (19–120)	–	–
Other neonatal disorders	60.641 (45,572–74,080)	41.811 (30,359–53,299)	13.523 (10,505–16,346)	5.086 (3,571–6,623)	221 (109–360)	–	–
Nutritional deficiencies	61,900 (53,635–72,781)	–	–	21,991 (18,416–26,659)	25,805 (21,134–31,320)	2,359 (1,716–3,284)	1,145 (842–1,630)
Protein-energy malnutrition	57,343 (47,168–68,697)	–	–	21,022 (16,934–25,913)	24,298 (19,432–29,969)	2,146 (1,535–2,990)	990 (689–1,435)
Iodine deficiency	92 (76–108)	–	–	26 (21–33)	13 (10–16)	4 (3–4)	3 (3–4)
Iron-deficiency anemia	4,061 (3,448–4,942)	–	–	801 (654–1,002)	1,427 (1,103–1,854)	197 (158–252)	144 (118–182)
Other nutritional deficiencies	404 (353–507)	–	–	142 (116–197)	67 (55–84)	12 (10–15)	7 (6–9)

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Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
Other communicable, maternal, neonatal, and nutritional disorders	43,714 (34,571–54,130)	9,235 (5,874–14,012)	3,871 (2,741–5,167)	10,842 (8,088–14,215)	6,725 (4,522–8,740)	1,882 (1,480–2,407)	887 (714–1,047)
Sexually transmitted diseases excluding HIV	17,203 (10,443–26,950)	7,821 (4,640–12,382)	2,021 (1,202–3,222)	5,206 (3,101–8,359)	1,234 (724–1,987)	343 (205–546)	28 (18–43)
Syphilis	16,942 (9,965–26,668)	7,821 (4,542–12,385)	2,021 (1,164–3,225)	5,206 (3,008–8,271)	1,234 (701–1,982)	343 (196–547)	14 (7–26)
Sexually transmitted chlamydial diseases	61 (33–81)	–	–	–	–	–	3 (2–5)
Gonococcal infection	46 (25–61)	–	–	–	–	–	3 (2–4)
Other sexually transmitted diseases	155 (84–204)	–	–	–	–	–	8 (5–13)
Hepatitis	9,998 (9,388–10,637)	–	–	1,432 (1,123–1,812)	1,562 (1,193–1,980)	617 (492–758)	430 (359–524)
Acute hepatitis A	4,772 (2,798–7,164)	–	–	1,073 (516–1,669)	940 (240–1,710)	231 (80–419)	155 (69–272)
Acute hepatitis B	2,683 (1,733–3,400)	–	–	359 (160–618)	198 (66–360)	67 (26–116)	37 (18–58)
Acute hepatitis C	252 (147–368)	–	–	–	–	5 (1–15)	6 (2–14)
Acute hepatitis E	2,291 (1,288–3,631)	–	–	–	424 (198–748)	314 (155–538)	233 (118–404)
Other infectious diseases	16,513 (11,137–20,156)	1,415 (827–2,022)	1,850 (1,164–2,512)	4,204 (2,579–5,867)	3,929 (2,143–5,571)	922 (581–1,357)	429 (262–562)
Non-communicable diseases	639,897 (613,537–664,495)	19,093 (16,224–23,783)	9,972 (8,264–12,111)	33,315 (28,317–39,448)	34,119 (28,434–39,885)	10,397 (9,070–12,010)	8,093 (7,368–8,825)
Neoplasms	145,539 (134,783–155,678)	97 (69–143)	90 (55–166)	912 (671–1,246)	2,059 (1,431–2,688)	2,110 (1,674–2,468)	1,760 (1,440–2,002)
Esophageal cancer	8.078 (6,545–10,050)	–	–	–	–	–	–
Stomach cancer	18,249 (13,923–23,845)	–	–	–	–	–	–
Liver cancer	13,110 (10,672–14,985)	–	–	–	–	78 (52–123)	79 (49–111)
Liver cancer secondary to hepatitis B	6,117 (4,998–6,960)	–	–	–	–	19 (12–31)	28 (17–41)
Liver cancer secondary to hepatitis C	2,609 (2,176–2,918)	–	–	–	–	2 (2–4)	3 (2–5)
Liver cancer secondary to alcohol use	2,631 (2,153–2,985)	–	–	–	–	–	–
Other liver cancer	1,754 (1,424–1,998)	–	–	–	–	57 (37–89)	47 (30–66)
Larynx cancer	2,008 (1,059–3,293)	–	–	–	–	–	–
Trachea, bronchus and lung cancers	23.624 (18,644–29,659)	–	–	–	–	–	–

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Breast cancer	8,341 (8,129–8,743)	–	–	–	–	–	–
Cervical cancer	5.471 (3,470–7,549)	–	–	–	–	–	–
Uterine cancer	969 (539–1,699)	–	–	–	–	–	–
Prostate cancer	2.187 (1,254–3,354)	–	–	–	–	–	–
Colon and rectum cancers	10,333 (8,703–11,425)	–	–	–	–	–	–
Mouth cancer	2.162 (1,805–2,340)	–	–	–	–	–	–
Nasopharynx cancer	1,471 (962–1,912)	–	–	–	–	18 (10–29)	33 (19–53)
Cancer of other part of pharynx and oropharynx	2.065 (1,184–2,545)	–	–	–	–	–	–
Gallbladder and biliary tract cancer	2,026 (1,356–2,792)	–	–	–	–	–	–
Pancreatic cancer	4.165 (3,157–5,355)	–	–	–	–	–	–
Malignant melanoma of skin	816 (520–1,208)	–	–	–	–	–	–
Non-melanoma skin cancer	401 (238–623)	–	–	–	–	–	–
Ovarian cancer	2,946 (2,114–3,562)	–	–	–	–	–	–
Testicular cancer	274 (166–358)	–	–	–	–	–	–
Kidney and other urinary organ cancers	2,099 (1,520–2,774)	–	–	39 (15–71)	128 (61–214)	71 (39–124)	30 (12–65)
Bladder cancer	2.307 (1,822–2,771)	–	–	–	–	–	–
Brain and nervous system cancers	4,545 (3,007–6,452)	–	–	–	188 (79–448)	358 (226–518)	232 (152–326)
Thyroid cancer	559 (426–697)	–	–	–	–	–	15 (7–29)
Hodgkin's disease	738 (464–1,021)	8 (5–14)	4 (2–11)	11 (6–19)	36 (15–67)	50 (27–76)	39 (24–56)
Non-Hodgkin's lymphoma	4,449 (3,513–5,142)	–	–	54 (28–97)	294 (153–485)	299 (169–452)	227 (138–334)
Multiple myeloma	1,008 (701–1,432)	–	–	–	–	–	–
Leukemia	8,871 (6,992–10,953)	–	–	411 (297–662)	901 (626–1,233)	840 (637–1,051)	729 (565–929)
Other neoplasms	12,267 (9,344–15,397)	89 (61–134)	86 (50–161)	398 (253–648)	511 (302–807)	396 (277–560)	377 (263–508)

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Cardiovascular and circulatory diseases	226,294 (213,611–243,054)	984 (818–1,149)	887 (752–1,055)	4,094 (3,547–5,065)	4,041 (3,408–4,869)	1,518 (1,307–1,754)	1,560 (1,365–1,786)
Rheumatic heart disease	13,268 (12,150–14,910)	–	–	–	418 (300–586)	245 (194–319)	379 (309–496)
Ischemic heart disease	94,521 (89,934–102,680)	–	–	853 (597–1,120)	826 (565–1,031)	318 (257–378)	329 (269–380)
Cerebrovascular disease	83,682 (78,711–92,582)	412 (299–531)	371 (268–479)	1,207 (865–1,571)	1,129 (854–1,427)	479 (392–580)	457 (383–530)
Ischemic stroke	30,271 (27,690–34,699)	–	–	249 (190–322)	251 (200–322)	83 (68–105)	64 (51–86)
Hemorrhagic and other non-ischemic stroke	53,411 (44,742–62,919)	412 (296–592)	371 (272–534)	958 (662–1,334)	878 (613–1,195)	396 (304–510)	393 (307–483)
Hypertensive heart disease	10,860 (8,948–13,387)	–	–	148 (106–199)	170 (120–230)	55 (41–71)	42 (32–55)
Cardiomyopathy and myocarditis	8,876 (7,220–10,725)	232 (132–349)	268 (138–428)	691 (319–1,165)	722 (248–1,287)	205 (116–315)	170 (112–249)
Atrial fibrillation and flutter	421 (329–551)	–	–	–	–	–	–
Aortic aneurysm	2,349 (1,629–3,220)	–	–	–	–	–	–
Peripheral vascular disease	249 (158–394)	–	–	–	–	–	–
Endocarditis	1,447 (1,171–1,788)	42 (30–61)	45 (35–60)	227 (176–302)	199 (151–257)	44 (33–59)	35 (27–46)
Other cardiovascular and circulatory diseases	10,620 (9,423–11,745)	298 (208–408)	202 (121–305)	968 (604–1,401)	576 (253–952)	172 (117–229)	147 (117–181)
Chronic respiratory diseases	84,177 (82,452–86,047)	626 (523–802)	877 (732–1,107)	4,981 (4,391–5,715)	4,982 (4,472–5,540)	780 (681–893)	576 (518–639)
Chronic obstructive pulmonary disease	58,186 (53,901–62,994)	–	–	2,362 (1,845–3,001)	1,584 (1,232–1,960)	245 (183–318)	173 (131–226)
Pneumoconiosis	3,291 (1,584–5,890)	–	–	–	139 (41–319)	29 (10–61)	19 (8–36)
Asthma	10,634 (7,112–16,753)	–	–	–	1,643 (537–3,241)	292 (127–530)	239 (132–417)
Other interstitial lung disease	1,436 (930–2,028)	–	–	–	103 (20–244)	17 (7–36)	10 (5–18)
Other chronic respiratory diseases	10,631 (7,138–15,708)	626 (413–932)	877 (537–1,295)	2,619 (1,310–4,386)	1,513 (564–2,640)	196 (104–353)	135 (81–237)
Cirrhosis of the liver	23,872 (20,242–26,743)	–	–	–	1,377 (1,092–1,772)	292 (234–356)	268 (213–332)
Cirrhosis of the liver secondary to hepatitis B	6,933 (5,686–7,786)	–	–	–	80 (65–105)	45 (37–57)	59 (47–73)
Cirrhosis of the liver secondary to hepatitis C	5,517 (4,710–6,285)	–	–	–	40 (33–53)	26 (21–32)	35 (28–44)
Cirrhosis of the liver secondary to alcohol use	6.241 (5,048–7,505)	–	–	–	–	–	–

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Other cirrhosis of the liver	5,182 (4,473–6,042)	–	–	–	1,257 (1,000–1,627)	221 (180–272)	174 (139–218)
Digestive diseases (except cirrhosis)	29,097 (25,846–31,990)	–	–	–	5,346 (4,523–6,396)	839 (714–977)	677 (578–781)
Peptic ulcer disease	9,585 (7,931–10,242)	–	–	–	956 (713–1,273)	222 (163–272)	218 (152–264)
Gastritis and duodenitis	457 (326–629)	–	–	–	90 (38–174)	12 (7–19)	9 (6–16)
Appendicitis	1,748 (1,153–2,788)	–	–	–	664 (288–1,355)	120 (76–204)	88 (59–138)
Paralytic ileus and intestinal obstruction without hernia	3,850 (2,236–4,929)	–	–	–	1,085 (474–1,928)	155 (80–218)	111 (61–170)
Inguinal or femoral hernia	666 (654–682)	–	–	–	209 (198–222)	33 (32–34)	16 (16–16)
Noninfective inflammatory bowel disease	1,248 (491–1,828)	–	–	–	625 (101–1,120)	53 (15–90)	27 (11–47)
Vascular disorders of intestine	874 (442–1,894)	–	–	–	38 (8–85)	12 (3–27)	9 (3–20)
Gall bladder and bile duct disease	1,865 (1,550–2,441)	–	–	–	279 (102–522)	45 (29–70)	36 (22–64)
Pancreatitis	1,562 (1,114–1,985)	–	–	–	69 (19–129)	19 (10–28)	16 (10–21)
Other digestive diseases	7,242 (5,495–8,737)	–	–	–	1,332 (756–2,129)	169 (112–242)	147 (90–225)
Neurological disorders	19,274 (14,184–25,049)	–	–	1,375 (883–2,498)	2,571 (1,250–5,432)	1,111 (770–1,637)	922 (653–1,230)
Alzheimer's disease and other dementias	1,910 (1,522–2,445)	–	–	–	–	121 (60–189)	60 (36–91)
Parkinson's disease	738 (582–968)	–	–	–	–	–	–
Epilepsy	6,971 (4,342–9,945)	–	–	531 (250–972)	1,625 (528–3,914)	475 (271–755)	394 (265–522)
Multiple sclerosis	503 (366–619)	–	–	–	–	–	–
Other neurological disorders	9,152 (5,606–13,446)	–	–	844 (508–1,743)	946 (535–2,240)	515 (300–877)	468 (264–749)
Mental and behavioral disorders	5,222 (3,515–7,202)	16 (6–37)	19 (7–37)	63 (29–146)	193 (78–356)	54 (27–95)	41 (21–74)
Schizophrenia	684 (434–871)	–	–	–	–	–	–
Alcohol use disorders	2,663 (1,392–4,157)	–	–	–	–	–	–
Drug use disorders	1,378 (764–2,863)	16 (6–37)	19 (7–37)	63 (29–146)	146 (49–306)	35 (16–72)	26 (13–58)
Opioid use disorders	466 (254–958)	5 (2–12)	6 (2–12)	20 (9–46)	47 (16–97)	11 (5–23)	8 (4–19)

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Cocaine use disorders	62 (34–137)	1 (0–2)	1 (0–2)	3 (1–7)	6 (2–13)	1 (1–3)	1 (1–3)
Amphetamine use disorders	17 (7–25)	<0·5 (0–0·5)	<0·5 (0–0·5)	1 (0–1)	2 (1–3)	<0·5 (0–1)	<0·5 (0–1)
Other drug use disorders	834 (473–1,747)	10 (4–23)	12 (5–23)	39 (18–88)	92 (31–192)	22 (10–46)	16 (8–37)
Eating disorders	183 (78–287)	–	–	–	–	9 (3–15)	7 (3–11)
Other mental and behavioral disorders	313 (133–460)	–	–	–	47 (13–83)	11 (4–18)	8 (3–14)
Diabetes, urogenital, blood, and endocrine diseases	46,458 (40,937–58,146)	596 (332–1,032)	499 (303–685)	3,979 (2,662–5,808)	5,534 (2,758–9,624)	1,985 (1,294–3,490)	1,318 (984–1,849)
Diabetes mellitus	15,294 (13,756–17,063)	84 (57–109)	65 (44–86)	457 (282–641)	399 (254–525)	138 (105–176)	143 (104–183)
Acute glomerulonephritis	6,773 (2,753–17,978)	–	–	885 (311–2,646)	1,645 (432–4,948)	754 (214–2,227)	351 (129–930)
Chronic kidney diseases	11,388 (9,781–12,813)	–	–	769 (469–1,168)	932 (575–1,269)	336 (220–496)	274 (190–383)
Chronic kidney disease due to diabetes mellitus	2,021 (1,772–2,389)	–	–	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Chronic kidney disease due to hypertension	2,300 (1,997–2,614)	–	–	93 (56–144)	116 (70–163)	45 (30–67)	41 (28–58)
Chronic kidney disease unspecified	7,067 (5,997–7,949)	–	–	676 (410–1,033)	816 (510–1,108)	290 (190–426)	233 (161–323)
Urinary diseases and male infertility	3,465 (2,413–4,352)	58 (29–105)	79 (38–134)	369 (170–704)	317 (145–537)	60 (37–84)	54 (36–71)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	1,904 (1,274–2,475)	28 (12–47)	39 (15–66)	199 (83–372)	169 (69–292)	27 (13–38)	27 (15–37)
Urolithiasis	417 (277–651)	–	–	–	–	15 (7–29)	11 (5–21)
Other urinary diseases	1,144 (686–1,635)	30 (11–67)	41 (13–83)	170 (46–440)	148 (44–290)	19 (10–29)	16 (10–22)
Gynecological diseases	187 (121–253)	–	–	–	–	–	–
Uterine fibroids	14 (9–19)	–	–	–	–	–	–
Endometriosis	<0·5 (0–0·5)	–	–	–	–	–	–
Genital prolapse	4 (3–4)	–	–	–	–	–	–
Other gynecological diseases	170 (109–232)	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	6,022 (3,555–8,809)	304 (148–692)	208 (128–297)	880 (430–1,361)	1,703 (516–3,012)	513 (267–826)	372 (221–591)
Thalassemias	1,672 (1,106–2,301)	7 (4–10)	16 (9–22)	134 (77–208)	411 (208–646)	211 (122–336)	171 (106–251)

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Cause	Both Sexes, All Ages	Both Sexes, 0-6 Days	Both Sexes, 7-27 Days	Both Sexes, 28-364 Days	Both Sexes, 1-4 Years	Both Sexes, 5-9 Years	Both Sexes, 10-14 Years
Sickle cell disorders	1,686 (1,009–2,376)	14 (10–19)	35 (21–50)	281 (161–413)	694 (311–1,096)	193 (120–292)	112 (79–165)
G6PD deficiency	205 (152–278)	1 (0–1)	2 (1–2)	17 (10–32)	54 (29–90)	30 (18–49)	20 (13–30)
Other hemoglobinopathies and hemolytic anemias	2,459 (1,332–4,280)	284 (143–659)	156 (91–245)	448 (222–798)	544 (150–1,366)	79 (23–211)	69 (26–163)
Other endocrine, nutritional, blood, and immune disorders	3,329 (1,481–4,801)	150 (51–278)	146 (44–273)	618 (229–1,035)	538 (137–1,124)	184 (58–365)	124 (47–236)
Musculoskeletal disorders	1,835 (1,214–2,343)	–	–	–	–	54 (29–79)	66 (41–89)
Rheumatoid arthritis	769 (525–1,021)	–	–	–	–	23 (12–42)	18 (11–31)
Other musculoskeletal disorders	1,066 (714–1,277)	–	–	–	–	31 (15–51)	47 (26–67)
Other non-communicable diseases	58,129 (48,785–72,401)	16,774 (14,051–21,592)	7,599 (6,002–9,711)	17,912 (14,121–23,420)	8,016 (5,880–10,969)	1,653 (1,282–2,177)	907 (720–1,201)
Congenital anomalies	51,622 (43,096–66,627)	16,774 (14,051–21,592)	6,849 (5,608–9,179)	15,137 (11,935–20,438)	7,230 (5,246–10,192)	1,521 (1,177–2,047)	803 (628–1,101)
Neural tube defects	9,723 (5,791–14,269)	4,925 (2,924–7,286)	1,304 (736–2,014)	1,961 (1,068–3,274)	897 (397–1,621)	217 (96–423)	119 (47–256)
Congenital heart anomalies	21,288 (17,771–28,156)	6,033 (4,989–7,391)	2,870 (2,264–4,158)	6,123 (4,731–8,866)	3,319 (2,411–5,202)	730 (527–1,076)	411 (298–562)
Cleft lip and cleft palate	723 (285–1,423)	203 (91–390)	147 (55–309)	273 (102–643)	100 (34–268)	–	–
Down's syndrome	1,659 (682–2,878)	280 (124–508)	188 (66–354)	508 (192–957)	381 (109–775)	64 (22–132)	37 (15–76)
Other chromosomal abnormalities	2,860 (977–6,654)	988 (367–2,342)	525 (177–1,209)	927 (263–2,643)	244 (59–658)	55 (16–153)	32 (10–85)
Other congenital anomalies	15,370 (8,391–23,689)	4,344 (2,590–6,692)	1,816 (940–2,898)	5,344 (2,602–9,213)	2,290 (901–4,272)	455 (217–819)	203 (108–344)
Skin and subcutaneous diseases	3,924 (2,781–4,829)	–	–	942 (554–1,379)	786 (371–1,171)	132 (88–175)	104 (69–140)
Cellulitis	1,126 (792–1,379)	–	–	192 (114–285)	251 (121–371)	53 (36–70)	39 (26–53)
Abscess, impetigo, and other bacterial skin diseases	2,128 (1,434–2,722)	–	–	747 (444–1,097)	512 (247–752)	69 (46–90)	52 (35–70)
Decubitus ulcer	655 (512–785)	–	–	–	20 (10–29)	10 (6–13)	12 (8–17)
Other skin and subcutaneous diseases	14* (4–7)	–	–	2* (0–1)	2* (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)
Sudden infant death syndrome	2,583 (1,321–4,884)	–	750 (273–1,835)	1,833 (1,025–3,445)	–	–	–
Injuries	211,626 (196,825–231,928)	1,797 (1,545–2,067)	1,814 (1,527–2,101)	12,665 (10,548–14,350)	35,063 (27,457–41,682)	12,424 (11,163–14,019)	9,247 (8,537–10,389)
Transport injuries	48,963 (39,747–60,340)	97 (58–137)	122 (71–175)	1,073 (756–1,396)	5,653 (3,994–7,804)	3,270 (2,628–3,930)	2,289 (1,842–2,711)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Both Sexes, All Ages	Both Sexes, 0-6 Days	Both Sexes, 7-27 Days	Both Sexes, 28-364 Days	Both Sexes, 1-4 Years	Both Sexes, 5-9 Years	Both Sexes, 10-14 Years
Road injury	46,292 (39,117–57,828)	79 (49–113)	93 (62–134)	990 (690–1,343)	5,244 (3,646–7,375)	3,104 (2,555–3,823)	2,157 (1,819–2,646)
Pedestrian injury by road vehicle	14,371 (10,741–17,408)	18 (10–31)	15 (7–24)	207 (93–353)	2,211 (892–3,651)	1,246 (900–1,674)	754 (562–958)
Pedal cycle vehicle	2,606 (1,922–3,226)	–	–	–	219 (71–357)	235 (119–359)	220 (143–312)
Motorized vehicle with two wheels	6,880 (5,234–8,517)	7 (4–11)	9 (5–15)	93 (45–150)	456 (198–689)	266 (154–405)	219 (148–306)
Motorized vehicle with three or more wheels	17,309 (13,540–21,969)	45 (21–80)	51 (19–97)	521 (208–920)	1,749 (688–2,690)	983 (602–1,349)	686 (480–903)
Road injury other	5,125 (2,468–9,086)	9 (2–26)	19 (7–40)	169 (59–374)	608 (166–1,373)	374 (151–707)	278 (119–498)
Other transport injury	2,671 (2,134–3,448)	18 (10–30)	29 (13–54)	83 (33–129)	409 (93–600)	166 (83–265)	132 (93–206)
Unintentional injuries other than transport injuries	110,153 (101,131–123,652)	1,304 (1,100–1,525)	1,478 (1,246–1,769)	10,798 (8,910–12,398)	28,026 (21,319–33,577)	8,586 (7,604–9,997)	5,488 (4,965–6,274)
Falls	12,567 (10,836–15,325)	86 (62–111)	87 (59–131)	863 (584–1,289)	2,422 (1,428–3,474)	737 (560–921)	502 (392–624)
Drowning	28,492 (22,285–34,126)	86 (60–135)	45 (30–67)	952 (644–1,235)	12,041 (7,918–15,351)	3,565 (2,796–4,204)	2,136 (1,783–2,579)
Fire, heat and hot substances	16,118 (12,909–19,288)	70 (53–96)	144 (107–179)	1,330 (886–1,747)	4,827 (2,964–6,723)	1,095 (824–1,418)	503 (390–635)
Poisonings	10,828 (8,060–17,258)	84 (57–145)	146 (80–280)	647 (404–1,086)	2,203 (1,190–3,764)	502 (344–852)	396 (282–647)
Exposure to mechanical forces	14,871 (10,536–22,855)	64 (37–124)	71 (39–141)	421 (234–729)	2,522 (1,253–4,916)	1,172 (675–2,221)	850 (532–1,349)
Mechanical forces (firearm)	7,077 (4,191–11,057)	40 (18–78)	19 (7–36)	189 (91–351)	999 (326–2,070)	578 (263–1,190)	495 (253–875)
Mechanical forces (other)	7,794 (4,979–10,867)	24 (14–45)	52 (24–98)	233 (85–406)	1,523 (536–3,044)	593 (272–1,171)	355 (194–649)
Adverse effects of medical treatment	1,898 (1,362–2,331)	89 (62–128)	107 (65–156)	354 (195–524)	352 (136–554)	67 (47–89)	46 (35–58)
Animal contact	4,306 (2,802–5,720)	111 (53–218)	119 (64–203)	448 (211–767)	897 (412–1,532)	521 (303–754)	343 (194–494)
Animal contact (venomous)	3,176 (1,734–5,077)	54 (20–141)	96 (45–191)	290 (130–515)	634 (291–1,289)	424 (192–710)	268 (129–433)
Animal contact (non-venomous)	1,130 (549–1,863)	57 (22–146)	23 (6–52)	159 (42–439)	263 (81–612)	97 (39–166)	75 (40–123)
Unintentional injuries not classified elsewhere	21,073 (17,831–23,172)	714 (540–904)	760 (592–975)	5,783 (4,515–7,186)	2,762 (2,281–3,377)	928 (751–1,129)	712 (577–856)
Self-harm and interpersonal violence	47,627 (39,693–55,296)	230 (133–309)	89 (40–145)	394 (274–495)	866 (554–1,181)	443 (345–542)	1,096 (900–1,481)
Self-harm	29,297 (22,674–37,032)	–	–	–	–	98 (69–153)	671 (508–1,004)
Interpersonal violence	18,330 (13,232–22,363)	230 (133–309)	89 (40–145)	394 (274–495)	866 (554–1,181)	345 (251–426)	425 (311–531)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Both Sexes, All Ages**	**Both Sexes, 0-6 Days**	**Both Sexes, 7-27 Days**	**Both Sexes, 28-364 Days**	**Both Sexes, 1-4 Years**	**Both Sexes, 5-9 Years**	**Both Sexes, 10-14 Years**
Assault by firearm	7,736 (5,943–9,619)	27 (14–43)	28 (5–108)	73 (36–113)	176 (69–303)	91 (55–133)	162 (113–222)
Assault by sharp object	4,408 (2,924–6,363)	18 (10–33)	4 (2–8)	38 (22–64)	92 (35–191)	42 (24–70)	68 (45–105)
Assault by other means	6,186 (4,637–7,157)	185 (117–280)	57 (32–101)	282 (182–411)	598 (290–902)	212 (152–273)	194 (145–242)
Forces of nature, war, and legal intervention	4,883 (3,491–7,905)	166 (124–219)	125 (95–160)	400 (316–509)	518 (406–685)	124 (101–159)	374 (231–734)
Exposure to forces of nature	1,501 (926–2,727)	53 (35–79)	38 (28–51)	144 (103–198)	107 (75–155)	36 (28–48)	113 (56–256)
Collective violence and legal intervention	3,382 (2,465–5,230)	113 (82–156)	88 (66–112)	256 (204–322)	411 (329–534)	88 (73–110)	262 (166–464)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
All causes	49,040 (46,778–51,762)	59,752 (57,043–63,218)	54,868 (52,411–57,548)	52,227 (50,001–54,754)	55,253 (52,449–58,670)	51,828 (49,341–54,432)	53,973 (51,363–56,830)
Communicable, maternal, neonatal, and nutritional disorders	16,576 (14,882–18,449)	20,722 (19,029–22,703)	20,226 (18,641–22,089)	18,467 (17,050–20,368)	17,777 (16,227–19,666)	13,636 (12,485–15,014)	12,228 (11,164–13,669)
HIV/AIDS and tuberculosis	2,225 (1,922–2,628)	4,738 (4,126–5,526)	6,535 (5,790–7,480)	6,714 (5,913–7,825)	6,854 (5,922–7,943)	5,430 (4,665–6,408)	5,107 (4,262–6,113)
Tuberculosis	1,894 (1,614–2,277)	3,415 (2,931–4,108)	4,228 (3,621–4,980)	4,353 (3,722–5,279)	4,759 (3,903–5,647)	3,975 (3,250–4,814)	4,071 (3,338–4,916)
HIV/AIDS	331 (252–425)	1,324 (1,025–1,711)	2,306 (1,850–2,940)	2,361 (1,924–2,932)	2,094 (1,647–2,651)	1,454 (1,083–1,940)	1,036 (751–1,420)
HIV disease resulting in mycobacterial infection	64 (48–85)	263 (198–343)	424 (331–558)	407 (317–529)	355 (266–472)	240 (165–334)	174 (117–247)
HIV disease resulting in other specified or unspecified diseases	267 (200–350)	1,061 (805–1,384)	1,882 (1,494–2,404)	1,955 (1,589–2,432)	1,739 (1,366–2,196)	1,214 (913–1,616)	861 (630–1,173)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	6,615 (5,488–7,835)	6,302 (5,348–7,273)	5,434 (4,706–6,233)	4,851 (4,220–5,547)	4,618 (4,052–5,314)	3,797 (3,335–4,383)	3,732 (3,294–4,311)
Diarrheal diseases	2,074 (1,628–2,637)	2,208 (1,811–2,737)	2,032 (1,687–2,508)	1,850 (1,534–2,241)	1,775 (1,470–2,183)	1,402 (1,143–1,743)	1,384 (1,128–1,753)
Cholera	82 (55–120)	88 (62–125)	79 (57–111)	72 (53–98)	69 (49–96)	52 (37–74)	44 (31–61)
Other salmonella infections	241 (166–340)	240 (174–330)	206 (146–281)	174 (122–233)	152 (106–207)	111 (76–159)	101 (70–144)
Shigellosis	267 (193–376)	268 (197–363)	232 (172–306)	194 (145–255)	168 (124–224)	125 (90–169)	126 (91–169)
Enteropathogenic E coli infection	43 (30–64)	41 (29–57)	32 (23–45)	24 (17–32)	17 (11–25)	11 (7–18)	13 (9–20)
Enterotoxigenic E coli infection	185 (132–258)	213 (157–293)	213 (157–283)	210 (157–280)	218 (159–293)	180 (134–248)	172 (126–231)
Campylobacter enteritis	120 (81–176)	124 (87–177)	111 (77–157)	97 (68–133)	91 (60–130)	70 (48–101)	69 (48–97)
Amoebiasis	69 (46–99)	85 (60–118)	91 (63–128)	93 (66–124)	99 (68–138)	85 (58–120)	85 (59–117)
Cryptosporidiosis	50 (33–72)	52 (36–75)	47 (33–66)	41 (29–57)	38 (26–53)	29 (20–42)	28 (19–38)
Rotaviral enteritis	217 (150–308)	216 (156–301)	188 (133–258)	158 (113–211)	137 (94–192)	105 (72–147)	112 (79–153)
Other diarrheal diseases	799 (536–1,165)	881 (619–1,233)	833 (583–1,170)	786 (558–1,087)	786 (547–1,102)	636 (453–899)	633 (454–876)
Typhoid and paratyphoid fevers	950 (115–1,778)	767 (92–1,426)	560 (67–1,056)	404 (49–759)	287 (35–542)	183 (22–347)	126 (15–240)
Lower respiratory infections	1,841 (1,483–2,077)	1,914 (1,570–2,169)	1,787 (1,445–2,040)	1,731 (1,412–1,983)	1,785 (1,515–2,043)	1,604 (1,298–1,857)	1,664 (1,386–1,934)
Influenza	378 (302–432)	412 (340–474)	401 (326–461)	405 (331–461)	437 (368–498)	397 (320–460)	399 (333–468)
Pneumococcal pneumonia	381 (307–433)	440 (362–500)	456 (366–523)	477 (391–551)	533 (450–610)	502 (404–579)	519 (438–598)
H influenzae type B pneumonia	350 (279–405)	353 (288–407)	318 (260–365)	301 (245–347)	308 (263–357)	266 (218–313)	255 (212–302)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
Respiratory syncytial virus pneumonia	18 (15–21)	19 (16–22)	18 (14–20)	17 (14–20)	18 (15–20)	16 (13–19)	17 (14–19)
Other lower respiratory infections	714 (567–817)	689 (557–795)	594 (471–685)	529 (428–615)	490 (406–570)	422 (338–499)	474 (390–556)
Upper respiratory infections	2 (2–3)	2 (2–3)	2 (2–3)	3 (2–3)	2 (2–2)	2 (1–2)	2 (1–2)
Otitis media	8 (0–97)	5 (0–58)	4 (0–49)	4 (0–52)	4 (0–46)	3 (0–39)	4 (0–44)
Meningitis	823 (684–1,001)	758 (605–937)	600 (489–750)	496 (405–631)	452 (364–577)	354 (287–440)	316 (254–402)
Pneumococcal meningitis	278 (231–351)	273 (218–344)	222 (176–283)	181 (143–235)	160 (126–216)	121 (96–160)	107 (84–139)
H influenzae type B meningitis	124 (103–157)	61 (48–79)	23 (18–30)	22 (17–29)	22 (17–30)	19 (15–25)	19 (15–25)
Meningococcal infection	184 (157–220)	167 (137–204)	135 (108–163)	105 (86–130)	93 (76–117)	71 (58–87)	61 (50–75)
Other meningitis	237 (198–284)	257 (203–318)	220 (176–272)	189 (152–234)	178 (143–228)	143 (116–180)	129 (105–162)
Encephalitis	259 (176–382)	266 (174–399)	205 (137–318)	170 (111–261)	146 (91–228)	114 (73–178)	105 (65–163)
Diphtheria	4 (0–32)	2 (0–18)	2 (0–14)	1 (0–10)	1 (0–11)	1 (0–8)	1 (0–10)
Whooping cough	14 (0–69)	10 (0–49)	9 (0–44)	8 (0–40)	7 (0–33)	7 (0–33)	6 (0–30)
Tetanus	143 (2–596)	128 (1–531)	113 (1–466)	113 (1–482)	114 (1–474)	100 (1–413)	106 (1–446)
Measles	483 (137–1,226)	229 (65–587)	104 (30–267)	54 (16–138)	31 (9–77)	19 (6–48)	12 (4–29)
Varicella	14 (0–91)	13 (0–87)	15 (0–96)	18 (0–115)	13 (0–84)	7 (0–50)	7 (0–44)
Neglected tropical diseases and malaria	2,796 (2,115–3,791)	2,737 (2,113–3,638)	2,236 (1,656–3,038)	1,829 (1,327–2,708)	1,654 (1,216–2,347)	1,393 (1,045–1,982)	1,234 (926–1,832)
Malaria	1,863 (1,283–2,776)	1,867 (1,292–2,703)	1,509 (1,023–2,326)	1,212 (778–2,076)	1,101 (731–1,830)	947 (635–1,540)	861 (586–1,436)
Chagas disease	3 (1–12)	5 (2–12)	9 (3–22)	15 (5–37)	20 (8–45)	25 (10–56)	29 (11–67)
Leishmaniasis	406 (219–695)	328 (187–525)	242 (137–384)	193 (105–312)	173 (96–286)	133 (73–212)	106 (59–171)
African trypanosomiasis	255 (82–543)	270 (83–601)	244 (79–545)	204 (65–468)	152 (45–339)	106 (32–235)	69 (19–150)
Schistosomiasis	12 (0–75)	16 (0–96)	17 (0–100)	17 (0–103)	25 (0–149)	27 (0–154)	28 (0–172)
Cysticercosis	2 (0–8)	3 (0–12)	4 (0–15)	4 (0–14)	3 (0–11)	2 (0–9)	2 (0–8)
Echinococcosis	3 (0–11)	4 (0–14)	4 (0–15)	5 (0–18)	5 (0–18)	5 (0–18)	4 (0–17)
Dengue	34 (13–64)	26 (9–56)	25 (8–56)	24 (8–54)	21 (7–47)	14 (5–29)	13 (4–31)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Both Sexes, 15-19 Years	Both Sexes, 20-24 Years	Both Sexes, 25-29 Years	Both Sexes, 30-34 Years	Both Sexes, 35-39 Years	Both Sexes, 40-44 Years	Both Sexes, 45-49 Years
Rabies	166 (91–344)	158 (82–298)	130 (74–262)	109 (60–237)	102 (53–208)	93 (53–198)	81 (43–157)
Intestinal nematode infections	3 (0–16)	2 (0–11)	1 (0–7)	2 (0–7)	1 (0–5)	1 (0–4)	1 (0–3)
Ascariasis	3 (0–16)	2 (0–11)	1 (0–7)	2 (0–7)	1 (0–5)	1 (0–4)	1 (0–3)
Other neglected tropical diseases	49 (26–75)	58 (30–95)	52 (27–89)	46 (25–73)	50 (28–76)	42 (22–66)	40 (20–65)
Maternal disorders	2,862 (2,008–3,967)	4,750 (3,732–5,968)	4,163 (3,316–5,209)	3,340 (2,680–4,295)	2,907 (2,251–3,755)	1,480 (1,120–1,903)	687 (462–922)
Maternal hemorrhage	469 (335–628)	907 (729–1,121)	944 (755–1,179)	871 (704–1,111)	802 (623–1,028)	432 (328–550)	215 (144–284)
Maternal sepsis	353 (230–511)	550 (416–709)	414 (313–535)	283 (213–378)	226 (160–307)	100 (73–137)	37 (24–52)
Hypertensive disorders of pregnancy	828 (558–1,177)	1,023 (785–1,309)	809 (623–1,028)	578 (448–749)	480 (359–634)	225 (169–303)	96 (63–131)
Obstructed labor	123 (74–191)	306 (212–416)	234 (159–318)	162 (111–228)	154 (96–223)	76 (50–117)	27 (17–46)
Abortion	468 (306–679)	808 (610–1,047)	673 (512–867)	526 (396–696)	435 (314–590)	201 (148–278)	81 (53–111)
Other maternal disorders	620 (465–786)	1,156 (943–1,399)	1,089 (892–1,344)	920 (752–1,143)	811 (641–1,004)	446 (334–537)	232 (153–300)
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	1,094 (771–1,677)	1,104 (794–1,663)	900 (666–1,282)	817 (602–1,140)	828 (615–1,172)	720 (540–1,026)	675 (499–942)
Protein-energy malnutrition	894 (585–1,455)	897 (607–1,402)	729 (520–1,101)	670 (476–980)	690 (492–987)	610 (419–906)	571 (406–819)
Iodine deficiency	6 (5–8)	9 (6–11)	7 (5–9)	5 (3–6)	3 (2–4)	3 (2–3)	2 (1–3)
Iron-deficiency anemia	184 (148–237)	189 (150–236)	154 (124–199)	132 (103–165)	122 (94–153)	96 (73–118)	89 (68–109)
Other nutritional deficiencies	10 (8–12)	10 (8–13)	10 (8–12)	10 (8–11)	12 (9–14)	12 (10–14)	12 (10–14)
Other communicable, maternal, neonatal, and nutritional disorders	984 (824–1,153)	1,090 (920–1,268)	959 (802–1,114)	916 (752–1,066)	916 (756–1,082)	816 (702–931)	793 (672–928)
Sexually transmitted diseases excluding HIV	52 (34–75)	60 (38–89)	56 (35–83)	58 (36–83)	62 (32–98)	46 (26–70)	38 (22–57)
Syphilis	23 (11–41)	28 (15–47)	26 (14–41)	28 (15–49)	30 (13–50)	27 (11–48)	20 (9–34)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
Sexually transmitted chlamydial diseases	7 (4–10)	7 (4–12)	7 (4–11)	7 (4–11)	7 (3–13)	4 (2–7)	4 (2–7)
Gonococcal infection	5 (3–8)	6 (3–9)	5 (3–9)	5 (3–8)	6 (2–10)	3 (2–5)	3 (2–5)
Other sexually transmitted diseases	17 (10–26)	19 (10–30)	18 (10–29)	18 (9–28)	19 (7–34)	11 (6–18)	11 (5–17)
Hepatitis	561 (465–688)	659 (554–798)	560 (472–664)	522 (440–629)	538 (451–639)	518 (436–613)	507 (411–611)
Acute hepatitis A	136 (56–284)	171 (69–350)	166 (69–339)	188 (76–379)	211 (93–409)	230 (105–437)	227 (93–458)
Acute hepatitis B	70 (37–106)	107 (59–162)	123 (65–188)	152 (84–221)	198 (123–288)	220 (139–311)	243 (147–350)
Acute hepatitis C	6 (3–9)	8 (4–15)	11 (6–20)	16 (8–27)	23 (12–37)	25 (13–43)	27 (15–45)
Acute hepatitis E	350 (197–586)	373 (213–602)	259 (143–432)	167 (89–281)	106 (53–183)	42 (17–82)	9 (2–21)
Other infectious diseases	370 (236–481)	371 (241–490)	343 (214–456)	336 (210–428)	317 (200–429)	253 (167–337)	249 (167–337)
Non-communicable diseases	11,668 (10,732–12,492)	13,925 (12,960–14,771)	14,611 (13,596–15,416)	17,729 (16,574–18,634)	23,752 (22,295–24,942)	28,146 (26,645–29,564)	33,999 (32,090–35,571)
Neoplasms	2,737 (2,332–3,084)	3,026 (2,590–3,342)	3,430 (2,939–3,805)	4,855 (4,198–5,276)	7,193 (6,393–7,813)	9,065 (8,114–9,816)	11,315 (10,205–12,157)
Esophageal cancer	15 (9–27)	36 (23–55)	58 (36–88)	99 (58–147)	220 (135–305)	424 (284–623)	664 (463–908)
Stomach cancer	93 (43–161)	206 (122–298)	346 (234–449)	620 (436–807)	931 (659–1,285)	1,136 (848–1,509)	1,406 (1,057–1,894)
Liver cancer	144 (94–238)	250 (147–367)	385 (241–538)	639 (403–829)	1,062 (711–1,360)	1,202 (821–1,488)	1,394 (999–1,656)
Liver cancer secondary to hepatitis B	62 (38–103)	115 (63–169)	181 (107–251)	305 (186–407)	518 (338–663)	591 (390–758)	687 (470–831)
Liver cancer secondary to hepatitis C	7 (4–10)	11 (7–17)	17 (11–24)	28 (19–37)	66 (46–83)	127 (89–153)	208 (157–244)
Liver cancer secondary to alcohol use	8 (5–12)	35 (20–50)	75 (48–106)	149 (95–197)	258 (177–336)	274 (190–345)	297 (214–359)
Other liver cancer	68 (46–114)	89 (57–133)	112 (71–157)	156 (103–207)	220 (153–282)	210 (149–266)	201 (150–240)
Larynx cancer	6 (2–12)	10 (4–21)	10 (5–19)	22 (10–42)	47 (22–82)	110 (52–181)	182 (91–310)
Trachea, bronchus and lung cancers	61 (41–80)	114 (78–151)	178 (124–234)	329 (243–431)	634 (458–836)	1,071 (798–1,381)	1,621 (1,208–2,057)
Breast cancer	13 (11–15)	37 (31–44)	124 (111–138)	361 (337–388)	695 (657–735)	912 (873–958)	995 (951–1,047)
Cervical cancer	17 (10–26)	47 (28–68)	121 (77–181)	258 (160–371)	451 (287–673)	585 (373–838)	723 (438–1,045)
Uterine cancer	12 (5–23)	9 (4–15)	13 (6–21)	18 (9–28)	31 (16–52)	47 (24–75)	61 (33–104)
Prostate cancer	5 (2–10)	6 (3–11)	5 (2–7)	5 (2–9)	6 (3–10)	11 (5–17)	21 (11–33)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Both Sexes, 15-19 Years	Both Sexes, 20-24 Years	Both Sexes, 25-29 Years	Both Sexes, 30-34 Years	Both Sexes, 35-39 Years	Both Sexes, 40-44 Years	Both Sexes, 45-49 Years
Colon and rectum cancers	62 (42–75)	143 (98–171)	227 (161–263)	336 (244–385)	454 (339–514)	544 (430–605)	690 (548–762)
Mouth cancer	22 (14–31)	32 (19–46)	46 (30–64)	67 (48–86)	115 (84–141)	169 (130–199)	238 (192–275)
Nasopharynx cancer	48 (27–73)	60 (32–91)	58 (34–82)	80 (45–121)	137 (80–200)	164 (98–240)	186 (111–274)
Cancer of other part of pharynx and oropharynx	29 (13–62)	36 (14–74)	53 (19–121)	76 (30–169)	100 (48–168)	146 (80–220)	200 (110–275)
Gallbladder and biliary tract cancer	22 (5–59)	29 (9–78)	35 (9–134)	44 (15–117)	66 (36–117)	90 (56–155)	124 (79–184)
Pancreatic cancer	19 (7–46)	28 (12–54)	37 (20–59)	64 (40–95)	114 (76–153)	182 (128–233)	272 (197–355)
Malignant melanoma of skin	13 (6–19)	24 (13–34)	35 (19–50)	52 (30–74)	68 (41–94)	78 (46–108)	77 (47–107)
Non-melanoma skin cancer	8 (4–14)	10 (5–15)	14 (7–21)	17 (9–25)	20 (11–31)	22 (13–36)	26 (15–42)
Ovarian cancer	58 (33–85)	64 (41–94)	71 (46–96)	92 (61–122)	150 (98–200)	221 (143–276)	311 (212–382)
Testicular cancer	22 (13–32)	46 (27–65)	48 (29–70)	43 (24–58)	32 (18–44)	20 (12–28)	15 (8–20)
Kidney and other urinary organ cancers	29 (11–77)	29 (14–60)	24 (14–48)	30 (18–47)	53 (34–77)	84 (56–118)	130 (86–172)
Bladder cancer	12 (9–15)	17 (11–22)	20 (14–24)	35 (23–43)	51 (37–61)	76 (53–88)	105 (79–120)
Brain and nervous system cancers	187 (116–268)	194 (118–260)	206 (131–282)	261 (166–348)	324 (208–441)	324 (205–441)	338 (227–489)
Thyroid cancer	12 (7–19)	14 (9–21)	12 (9–17)	18 (12–24)	23 (16–30)	27 (19–37)	36 (27–48)
Hodgkin's disease	44 (28–65)	62 (40–92)	68 (42–100)	66 (40–97)	54 (32–77)	45 (27–64)	42 (25–59)
Non-Hodgkin's lymphoma	264 (179–349)	248 (174–321)	204 (145–257)	206 (149–254)	202 (155–241)	220 (169–260)	246 (193–290)
Multiple myeloma	23 (8–53)	17 (7–37)	14 (7–29)	14 (7–23)	24 (14–42)	37 (23–58)	52 (34–76)
Leukemia	866 (680–1,107)	705 (531–910)	534 (407–663)	472 (355–599)	463 (348–587)	397 (288–497)	346 (261–431)
Other neoplasms	629 (435–839)	553 (385–717)	483 (332–631)	532 (358–702)	668 (449–886)	723 (500–960)	816 (578–1,048)
Cardiovascular and circulatory diseases	2,745 (2,392–3,038)	3,834 (3,434–4,216)	4,150 (3,734–4,553)	5,333 (4,771–5,791)	7,277 (6,605–8,027)	9,392 (8,565–10,384)	11,703 (10,693–12,722)
Rheumatic heart disease	596 (488–716)	727 (611–870)	768 (647–923)	813 (690–983)	1,016 (868–1,213)	1,019 (864–1,204)	1,042 (900–1,221)
Ischemic heart disease	789 (662–886)	1,293 (1,119–1,442)	1,399 (1,228–1,531)	2,102 (1,874–2,302)	2,933 (2,674–3,312)	4,066 (3,755–4,576)	5,049 (4,633–5,655)
Cerebrovascular disease	668 (573–789)	976 (840–1,151)	1,067 (929–1,251)	1,399 (1,224–1,643)	2,017 (1,821–2,417)	2,794 (2,532–3,365)	3,873 (3,482–4,584)
Ischemic stroke	90 (74–111)	138 (110–173)	150 (126–184)	199 (167–242)	247 (213–307)	375 (320–481)	592 (500–782)

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Hemorrhagic and other non-ischemic stroke	578 (442–716)	838 (662–1,034)	917 (726–1,121)	1,200 (974–1,438)	1,770 (1,448–2,172)	2,418 (2,022–2,934)	3,281 (2,746–3,997)
Hypertensive heart disease	85 (64–109)	127 (99–159)	146 (115–183)	193 (152–249)	301 (233–387)	420 (333–531)	574 (469–739)
Cardiomyopathy and myocarditis	279 (193–398)	308 (228–428)	331 (252–424)	366 (293–447)	451 (368–539)	525 (417–633)	538 (446–622)
Atrial fibrillation and flutter	–	–	–	5 (3–8)	6 (4–10)	8 (5–12)	12 (7–19)
Aortic aneurysm	28 (13–50)	34 (16–58)	35 (21–54)	49 (29–76)	67 (40–113)	85 (52–143)	106 (65–181)
Peripheral vascular disease	–	–	–	–	–	7 (4–11)	8 (5–14)
Endocarditis	55 (39–78)	78 (52–108)	95 (54–162)	77 (47–115)	87 (52–137)	73 (45–110)	55 (41–75)
Other cardiovascular and circulatory diseases	245 (206–288)	290 (245–340)	309 (267–355)	330 (289–372)	400 (348–455)	396 (359–438)	445 (401–491)
Chronic respiratory diseases	860 (794–934)	1,058 (980–1,143)	1,185 (1,111–1,274)	1,277 (1,198–1,364)	1,928 (1,776–2,082)	2,211 (2,052–2,383)	3,097 (2,826–3,373)
Chronic obstructive pulmonary disease	315 (237–402)	433 (345–528)	499 (384–620)	602 (482–718)	1,034 (840–1,229)	1,319 (1,117–1,559)	1,981 (1,675–2,342)
Pneumoconiosis	31 (12–63)	41 (15–83)	46 (18–91)	60 (25–126)	93 (39–190)	106 (46–209)	147 (58–294)
Asthma	299 (189–476)	330 (211–515)	362 (233–612)	347 (231–556)	466 (302–789)	466 (300–771)	609 (390–1,078)
Other interstitial lung disease	21 (12–34)	24 (14–37)	30 (18–46)	35 (21–54)	52 (31–77)	56 (36–84)	74 (47–114)
Other chronic respiratory diseases	195 (129–297)	230 (148–368)	248 (164–396)	233 (159–363)	285 (190–443)	265 (178–393)	286 (193–450)
Cirrhosis of the liver	316 (237–382)	537 (393–662)	752 (595–880)	1,283 (1,008–1,498)	1,893 (1,509–2,261)	2,277 (1,847–2,609)	2,474 (2,034–2,946)
Cirrhosis of the liver secondary to hepatitis B	85 (60–106)	146 (102–183)	193 (147–235)	312 (238–370)	480 (377–584)	627 (490–733)	739 (593–887)
Cirrhosis of the liver secondary to hepatitis C	46 (35–55)	78 (58–94)	110 (86–128)	186 (148–212)	298 (243–352)	433 (358–494)	542 (455–649)
Cirrhosis of the liver secondary to alcohol use	21 (14–26)	100 (68–123)	205 (152–249)	438 (326–518)	676 (520–831)	766 (604–911)	784 (620–992)
Other cirrhosis of the liver	164 (124–195)	214 (162–258)	245 (193–289)	347 (279–403)	439 (358–517)	451 (371–524)	409 (337–492)
Digestive diseases (except cirrhosis)	1,056 (893–1,230)	1,307 (1,087–1,499)	1,272 (1,084–1,451)	1,418 (1,213–1,614)	1,600 (1,365–1,830)	1,583 (1,345–1,823)	1,668 (1,423–1,927)
Peptic ulcer disease	420 (328–508)	512 (404–595)	511 (391–605)	558 (431–649)	630 (482–731)	630 (510–736)	680 (531–793)
Gastritis and duodenitis	14 (8–23)	27 (13–53)	21 (13–33)	24 (15–37)	26 (17–39)	25 (17–36)	24 (17–36)
Appendicitis	87 (54–130)	82 (52–120)	72 (46–111)	70 (44–109)	68 (43–103)	60 (38–92)	58 (37–89)
Paralytic ileus and intestinal obstruction without hernia	132 (72–181)	151 (87–212)	140 (79–195)	153 (89–214)	176 (100–250)	166 (96–236)	168 (97–230)

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Inguinal or femoral hernia	14 (14–14)	16 (15–16)	15 (15–15)	17 (17–17)	20 (19–20)	20 (19–20)	24 (24–25)
Noninfective inflammatory bowel disease	36 (17–61)	48 (25–73)	46 (27–64)	45 (28–61)	40 (28–52)	35 (26–45)	34 (25–44)
Vascular disorders of intestine	10 (4–20)	12 (4–24)	14 (5–36)	17 (6–38)	19 (8–44)	25 (10–60)	33 (14–83)
Gall bladder and bile duct disease	57 (36–98)	73 (49–117)	70 (49–110)	84 (59–133)	92 (65–143)	93 (68–137)	94 (72–130)
Pancreatitis	38 (26–54)	68 (48–94)	99 (68–137)	134 (90–178)	158 (107–205)	146 (104–196)	130 (91–171)
Other digestive diseases	249 (167–362)	318 (217–450)	283 (200–390)	318 (220–433)	372 (262–499)	384 (270–524)	423 (301–575)
Neurological disorders	1,257 (888–1,607)	1,266 (934–1,628)	1,027 (766–1,282)	942 (690–1,207)	941 (704–1,210)	842 (630–1,054)	820 (595–1,090)
Alzheimer's disease and other dementias	54 (32–79)	46 (28–76)	31 (20–45)	33 (22–50)	49 (27–81)	50 (28–81)	48 (30–75)
Parkinson's disease	–	19 (8–31)	11 (6–17)	12 (6–19)	13 (6–21)	15 (8–25)	14 (9–21)
Epilepsy	602 (421–751)	661 (460–827)	552 (383–685)	453 (315–549)	400 (286–486)	300 (214–364)	229 (155–286)
Multiple sclerosis	–	15 (9–23)	32 (19–52)	43 (26–64)	62 (42–93)	62 (41–87)	62 (42–86)
Other neurological disorders	601 (350–941)	525 (302–860)	401 (245–645)	402 (239–646)	417 (257–669)	414 (253–647)	467 (283–736)
Mental and behavioral disorders	150 (85–232)	298 (177–484)	498 (324–720)	551 (350–774)	647 (403–920)	597 (370–843)	486 (300–700)
Schizophrenia	–	–	97 (47–166)	87 (49–146)	123 (66–210)	103 (53–164)	60 (37–91)
Alcohol use disorders	30 (13–51)	68 (31–112)	137 (61–215)	243 (109–384)	355 (165–564)	382 (182–584)	350 (176–541)
Drug use disorders	82 (40–167)	181 (90–360)	223 (112–435)	185 (101–411)	135 (70–314)	88 (47–209)	51 (28–106)
Opioid use disorders	29 (15–58)	70 (34–125)	85 (43–155)	63 (34–132)	41 (22–92)	25 (14–59)	15 (9–31)
Cocaine use disorders	3 (2–7)	7 (3–15)	9 (4–20)	8 (4–19)	7 (3–18)	5 (2–12)	3 (1–6)
Amphetamine use disorders	1 (0–2)	2 (1–4)	3 (1–4)	2 (1–3)	2 (1–3)	1 (0–2)	1 (0–1)
Other drug use disorders	49 (24–102)	103 (51–210)	127 (65–249)	111 (60–246)	85 (43–193)	56 (29–132)	33 (18–66)
Eating disorders	23 (8–39)	30 (11–54)	24 (8–45)	19 (7–36)	15 (6–28)	9 (4–16)	7 (3–13)
Other mental and behavioral disorders	15 (5–26)	18 (6–37)	17 (5–36)	17 (6–34)	19 (7–36)	16 (6–28)	17 (7–34)
Diabetes, urogenital, blood, and endocrine diseases	1,603 (1,289–2,210)	1,802 (1,517–2,363)	1,644 (1,408–2,119)	1,640 (1,414–2,118)	1,812 (1,565–2,366)	1,791 (1,559–2,306)	2,067 (1,835–2,567)
Diabetes mellitus	237 (180–303)	333 (255–419)	373 (300–419)	441 (363–496)	541 (458–608)	632 (552–729)	850 (752–1,006)

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Acute glomerulonephritis	375 (125–970)	327 (124–880)	276 (92–761)	259 (95–724)	268 (92–830)	247 (72–748)	228 (71–716)
Chronic kidney diseases	415 (339–508)	575 (456–708)	515 (422–600)	526 (435–625)	609 (507–735)	564 (477–691)	644 (546–765)
Chronic kidney disease due to diabetes mellitus	1 (0–1)	24 (19–30)	43 (34–53)	62 (50–76)	95 (77–115)	109 (89–132)	152 (126–184)
Chronic kidney disease due to hypertension	66 (53–82)	100 (79–123)	97 (79–116)	110 (90–131)	138 (113–166)	140 (117–168)	153 (129–182)
Chronic kidney disease unspecified	349 (282–428)	452 (358–559)	375 (309–442)	354 (292–423)	376 (309–463)	316 (266–392)	339 (288–406)
Urinary diseases and male infertility	77 (48–102)	105 (64–143)	106 (68–137)	112 (72–144)	128 (80–165)	125 (81–160)	143 (91–190)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	43 (26–63)	59 (32–86)	57 (35–75)	60 (37–79)	65 (41–86)	64 (43–86)	73 (47–100)
Urolithiasis	9 (6–16)	14 (8–27)	15 (8–27)	17 (10–30)	23 (13–42)	23 (14–40)	25 (15–46)
Other urinary diseases	25 (15–34)	33 (19–46)	35 (21–48)	36 (22–47)	40 (23–54)	38 (23–51)	45 (27–63)
Gynecological diseases	22 (14–32)	18 (7–35)	21 (11–36)	20 (9–38)	25 (12–55)	22 (10–50)	13 (7–25)
Uterine fibroids	<0·5 (0–0·5)	<0·5 (0–1)	1 (0–2)	2 (1–3)	2 (1–4)	2 (1–4)	2 (1–3)
Endometriosis	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Genital prolapse	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Other gynecological diseases	22 (13–31)	17 (7–34)	20 (10–34)	18 (8–35)	23 (10–52)	20 (9–48)	11 (6–23)
Hemoglobinopathies and hemolytic anemias	351 (225–551)	315 (204–524)	237 (152–380)	173 (114–284)	132 (87–232)	101 (67–176)	89 (62–149)
Thalassemias	190 (122–278)	160 (104–244)	110 (70–165)	78 (51–119)	58 (36–95)	40 (26–63)	30 (21–45)
Sickle cell disorders	74 (51–104)	58 (41–83)	49 (34–68)	40 (26–57)	30 (19–44)	24 (15–36)	21 (12–31)
G6PD deficiency	14 (10–20)	10 (7–15)	8 (6–11)	6 (5–9)	5 (4–8)	4 (3–6)	4 (3–6)
Other hemoglobinopathies and hemolytic anemias	73 (31–162)	87 (37–184)	69 (26–140)	49 (17–95)	39 (12–86)	32 (12–70)	34 (13–67)
Other endocrine, nutritional, blood, and immune disorders	125 (51–209)	128 (53–212)	117 (51–196)	109 (48–165)	108 (49–159)	100 (47–150)	99 (49–145)
Musculoskeletal disorders	124 (80–181)	146 (85–211)	117 (74–162)	110 (68–151)	118 (70–164)	100 (69–137)	101 (65–134)
Rheumatoid arthritis	29 (17–46)	36 (21–56)	27 (17–44)	31 (20–48)	35 (21–54)	36 (24–53)	41 (27–59)
Other musculoskeletal disorders	95 (60–138)	110 (63–160)	89 (57–123)	79 (49–109)	83 (51–118)	64 (43–85)	60 (40–79)
Other non-communicable diseases	820 (671–1,008)	652 (537–798)	535 (433–664)	319 (262–382)	343 (274–417)	287 (228–359)	269 (220–333)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Both Sexes, 15-19 Years	Both Sexes, 20-24 Years	Both Sexes, 25-29 Years	Both Sexes, 30-34 Years	Both Sexes, 35-39 Years	Both Sexes, 40-44 Years	Both Sexes, 45-49 Years
Congenital anomalies	673 (532–876)	509 (408–666)	400 (321–531)	195 (156–245)	189 (152–240)	138 (110–179)	137 (109–184)
Neural tube defects	58 (26–124)	38 (18–72)	41 (16–99)	17 (8–32)	19 (8–37)	16 (6–34)	14 (5–27)
Congenital heart anomalies	449 (337–563)	334 (260–428)	242 (185–311)	119 (89–149)	104 (80–129)	63 (50–78)	56 (44–72)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	28 (15–50)	27 (14–47)	26 (13–45)	15 (8–25)	14 (9–23)	13 (8–22)	14 (9–25)
Other chromosomal abnormalities	16 (7–38)	16 (7–35)	13 (5–31)	6 (3–13)	4 (2–10)	4 (2–8)	4 (2–8)
Other congenital anomalies	122 (81–175)	94 (61–139)	78 (53–115)	39 (29–54)	48 (33–73)	42 (30–65)	49 (33–83)
Skin and subcutaneous diseases	147 (101–203)	143 (96–194)	136 (91–184)	125 (90–167)	154 (107–218)	149 (101–211)	131 (93–179)
Cellulitis	47 (32–64)	45 (30–61)	43 (29–59)	42 (30–57)	54 (37–78)	51 (34–71)	46 (33–63)
Abscess, impetigo, and other bacterial skin diseases	65 (45–89)	63 (42–85)	57 (38–77)	53 (39–72)	64 (44–91)	63 (42–88)	53 (38–72)
Decubitus ulcer	34 (23–46)	35 (23–47)	35 (24–48)	29 (21–39)	35 (24–52)	35 (24–50)	31 (23–43)
Other skin and subcutaneous diseases	1 (1–2)	1 (0–1)	1 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	20,796 (19,330–23,070)	25,105 (23,177–28,051)	20,031 (18,431–22,149)	16,031 (14,661–17,959)	13,723 (12,395–15,882)	10,046 (9,120–11,541)	7,746 (7,029–8,793)
Transport injuries	5,733 (4,779–7,130)	6,882 (5,603–8,846)	5,461 (4,299–6,829)	4,129 (3,169–5,292)	3,573 (2,642–4,674)	2,574 (1,908–3,250)	2,020 (1,516–2,524)
Road injury	5,478 (4,702–6,778)	6,535 (5,467–8,504)	5,185 (4,223–6,553)	3,896 (3,071–5,079)	3,391 (2,604–4,290)	2,433 (1,838–3,197)	1,916 (1,500–2,533)
Pedestrian injury by road vehicle	1,440 (1,000–1,870)	1,659 (1,060–2,268)	1,427 (955–1,880)	1,135 (726–1,498)	1,017 (659–1,335)	752 (469–1,003)	584 (391–777)
Pedal cycle vehicle	330 (246–438)	309 (215–417)	249 (171–337)	188 (134–254)	167 (118–227)	127 (91–173)	116 (80–159)
Motorized vehicle with two wheels	1,060 (835–1,309)	1,312 (941–1,725)	932 (678–1,240)	617 (446–825)	542 (357–814)	362 (241–525)	291 (178–443)
Motorized vehicle with three or more wheels	2,086 (1,652–2,621)	2,648 (2,060–3,342)	2,047 (1,626–2,635)	1,534 (1,162–1,954)	1,282 (952–1,680)	916 (692–1,196)	707 (515–883)
Road injury other	562 (227–1,237)	606 (245–1,682)	530 (210–1,318)	421 (161–1,091)	382 (142–949)	276 (100–710)	217 (78–529)
Other transport injury	255 (191–382)	347 (247–468)	276 (206–408)	233 (174–325)	183 (137–256)	142 (108–205)	104 (81–142)
Unintentional injuries other than transport injuries	8,495 (7,597–9,713)	9,275 (8,309–10,760)	7,185 (6,387–8,431)	5,922 (5,279–7,023)	5,212 (4,557–6,430)	3,919 (3,476–4,744)	3,068 (2,751–3,673)
Falls	674 (533–899)	870 (664–1,198)	751 (569–1,095)	663 (538–887)	676 (543–963)	582 (467–811)	523 (431–681)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Both Sexes, 15-19 Years**	**Both Sexes, 20-24 Years**	**Both Sexes, 25-29 Years**	**Both Sexes, 30-34 Years**	**Both Sexes, 35-39 Years**	**Both Sexes, 40-44 Years**	**Both Sexes, 45-49 Years**
Drowning	2,495 (1,981–3,067)	1,886 (1,487–2,440)	1,225 (974–1,574)	925 (759–1,203)	765 (632–999)	553 (452–712)	435 (353–564)
Fire, heat and hot substances	1,444 (1,009–2,003)	1,588 (1,102–2,241)	1,236 (853–1,763)	977 (724–1,312)	738 (542–1,023)	550 (408–743)	339 (253–473)
Poisonings	849 (629–1,300)	1,155 (824–1,907)	956 (718–1,597)	853 (635–1,487)	775 (540–1,391)	594 (424–1,062)	426 (313–735)
Exposure to mechanical forces	1,389 (889–2,131)	1,712 (1,145–2,578)	1,409 (929–2,201)	1,203 (834–1,886)	1,097 (729–1,875)	766 (534–1,267)	605 (413–972)
Mechanical forces (firearm)	840 (471–1,423)	967 (566–1,534)	675 (405–1,191)	568 (329–960)	507 (252–1,015)	330 (193–576)	257 (141–461)
Mechanical forces (other)	549 (314–939)	745 (428–1,165)	734 (447–1,126)	635 (401–985)	590 (387–959)	437 (280–709)	349 (227–561)
Adverse effects of medical treatment	79 (57–104)	97 (73–124)	84 (64–110)	71 (55–88)	67 (50–86)	59 (46–75)	57 (44–70)
Animal contact	304 (175–448)	296 (179–414)	219 (134–320)	172 (110–242)	168 (108–244)	129 (84–184)	135 (80–200)
Animal contact (venomous)	240 (112–381)	233 (113–372)	168 (83–273)	128 (65–214)	126 (67–216)	99 (54–156)	106 (47–174)
Animal contact (non-venomous)	64 (32–107)	63 (32–108)	52 (26–87)	44 (21–72)	43 (22–69)	30 (16–48)	28 (15–48)
Unintentional injuries not classified elsewhere	1,263 (902–1,497)	1,671 (1,167–1,998)	1,304 (1,006–1,493)	1,059 (827–1,206)	926 (724–1,072)	685 (530–783)	550 (457–626)
Self-harm and interpersonal violence	6,138 (5,049–7,471)	8,492 (6,823–9,993)	6,992 (5,700–8,088)	5,644 (4,601–6,584)	4,626 (3,678–5,656)	3,288 (2,717–4,141)	2,427 (1,953–3,005)
Self-harm	3,862 (2,978–5,147)	4,982 (3,527–6,382)	3,923 (2,842–5,009)	3,304 (2,469–4,194)	2,893 (2,113–3,727)	2,206 (1,702–3,015)	1,733 (1,311–2,297)
Interpersonal violence	2,276 (1,648–2,798)	3,510 (2,516–4,275)	3,070 (2,213–3,800)	2,340 (1,646–2,911)	1,733 (1,181–2,211)	1,083 (741–1,401)	694 (458–906)
Assault by firearm	1,065 (817–1,430)	1,650 (1,335–2,123)	1,462 (1,155–1,883)	1,075 (794–1,455)	750 (574–1,030)	460 (317–617)	289 (199–389)
Assault by sharp object	558 (365–805)	921 (604–1,392)	805 (504–1,197)	621 (406–942)	467 (290–682)	284 (180–444)	181 (115–285)
Assault by other means	653 (436–833)	939 (635–1,221)	803 (538–1,051)	644 (429–830)	516 (355–680)	339 (226–467)	224 (152–300)
Forces of nature, war, and legal intervention	429 (266–829)	455 (285–863)	393 (249–734)	336 (213–626)	311 (199–575)	265 (168–488)	231 (146–427)
Exposure to forces of nature	131 (66–291)	127 (64–279)	107 (54–230)	96 (49–202)	90 (46–188)	76 (39–156)	68 (36–140)
Collective violence and legal intervention	298 (190–526)	328 (210–574)	286 (184–498)	240 (154–415)	221 (143–383)	189 (122–326)	162 (105–280)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
All causes	66,473 (63,432–69,807)	72,772 (69,795–76,033)	81,747 (78,725–85,022)	76,066 (73,656–78,588)	64,242 (62,332–66,399)	53,932 (52,730–55,366)	51,874 (51,096–52,858)
Communicable, maternal, neonatal, and nutritional disorders	11,490 (10,245–12,873)	11,257 (10,154–12,685)	10,978 (9,891–12,377)	9,086 (8,313–10,117)	7,318 (6,705–8,071)	5,344 (4,958–5,850)	5,417 (5,063–5,931)
HIV/AIDS and tuberculosis	4,753 (3,879–5,772)	4,448 (3,649–5,303)	4,003 (3,346–4,951)	2,970 (2,539–3,638)	2,046 (1,732–2,520)	1,140 (980–1,377)	525 (442–650)
Tuberculosis	4,171 (3,385–5,048)	4,156 (3,441–5,016)	3,889 (3,261–4,804)	2,929 (2,484–3,614)	2,030 (1,718–2,504)	1,140 (980–1,377)	525 (442–650)
HIV/AIDS	581 (330–952)	291 (87–589)	114 (36–318)	41 (21–102)	15 (12–24)	–	–
HIV disease resulting in mycobacterial infection	98 (44–174)	50 (7–114)	18 (2–63)	5 (1–18)	1 (0–3)	–	–
HIV disease resulting in other specified or unspecified diseases	484 (286–776)	241 (80–476)	96 (35–256)	36 (21–84)	15 (12–21)	–	–
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	4,078 (3,598–4,739)	4,064 (3,571–4,726)	4,403 (3,903–5,066)	4,100 (3,659–4,659)	3,736 (3,343–4,182)	3,194 (2,869–3,567)	4,048 (3,685–4,507)
Diarrheal diseases	1,436 (1,172–1,791)	1,462 (1,169–1,865)	1,630 (1,292–2,109)	1,342 (1,067–1,724)	1,035 (846–1,276)	698 (576–851)	635 (531–774)
Cholera	37 (26–52)	30 (21–44)	25 (17–37)	13 (8–19)	6 (4–9)	3 (2–5)	2 (2–4)
Other salmonella infections	97 (66–133)	89 (61–126)	88 (56–124)	64 (43–94)	46 (31–66)	33 (23–45)	32 (23–45)
Shigellosis	134 (98–179)	139 (98–195)	159 (112–224)	134 (97–192)	106 (76–144)	72 (53–97)	67 (50–89)
Enteropathogenic E coli infection	16 (11–23)	19 (12–27)	23 (15–34)	21 (14–33)	20 (13–28)	17 (12–24)	21 (15–30)
Enterotoxigenic E coli infection	175 (129–236)	173 (124–238)	187 (131–258)	150 (107–207)	113 (83–150)	74 (54–100)	63 (48–84)
Campylobacter enteritis	72 (47–101)	73 (47–108)	81 (52–118)	66 (43–100)	55 (38–79)	45 (31–64)	52 (36–73)
Amoebiasis	91 (63–125)	95 (63–139)	110 (72–160)	94 (64–135)	75 (50–108)	50 (34–71)	45 (30–63)
Cryptosporidiosis	28 (19–39)	29 (19–41)	32 (21–46)	26 (17–38)	20 (13–28)	13 (9–19)	12 (8–17)
Rotaviral enteritis	126 (86–172)	137 (91–196)	165 (109–235)	146 (100–210)	115 (80–160)	72 (50–99)	55 (40–75)
Other diarrheal diseases	660 (459–930)	679 (462–951)	761 (525–1,092)	628 (435–895)	481 (352–657)	319 (225–441)	286 (211–381)
Typhoid and paratyphoid fevers	90 (11–171)	61 (8–114)	37 (5–68)	26 (3–49)	23 (3–42)	14 (2–27)	8 (1–16)
Lower respiratory infections	1,921 (1,638–2,305)	1,951 (1,684–2,307)	2,284 (1,930–2,680)	2,361 (2,013–2,736)	2,416 (2,071–2,783)	2,298 (2,002–2,649)	3,297 (2,931–3,746)
Influenza	445 (379–532)	437 (375–518)	494 (419–585)	492 (423–573)	485 (418–558)	443 (385–511)	589 (523–672)
Pneumococcal pneumonia	608 (519–724)	627 (543–734)	744 (634–869)	785 (671–910)	815 (697–931)	799 (702–915)	1,219 (1,093–1,394)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
H influenzae type B pneumonia	273 (232–332)	254 (220–308)	272 (232–326)	253 (218–300)	232 (200–272)	194 (170–226)	209 (188–244)
Respiratory syncytial virus pneumonia	19 (16–23)	20 (17–23)	23 (19–27)	24 (20–27)	24 (21–28)	23 (20–26)	33 (29–37)
Other lower respiratory infections	576 (479–697)	614 (519–733)	751 (625–895)	807 (680–947)	859 (727–990)	839 (718–965)	1,247 (1,100–1,438)
Upper respiratory infections	2 (2–2)	2 (2–2)	3 (2–4)	3 (2–3)	2 (2–3)	2 (2–2)	3 (2–3)
Otitis media	5 (0–61)	3 (0–36)	3 (0–31)	2 (0–24)	2 (0–17)	1 (0–11)	1 (0–8)
Meningitis	354 (276–461)	317 (238–426)	283 (216–375)	233 (177–311)	165 (126–233)	117 (82–177)	66 (46–96)
Pneumococcal meningitis	118 (89–156)	102 (74–142)	88 (65–123)	69 (50–95)	46 (33–66)	30 (20–49)	14 (9–22)
H influenzae type B meningitis	24 (17–32)	23 (17–34)	23 (16–33)	20 (15–29)	16 (11–23)	12 (8–20)	8 (5–12)
Meningococcal infection	65 (53–81)	54 (42–70)	48 (37–60)	37 (29–49)	25 (19–32)	16 (11–22)	7 (5–10)
Other meningitis	147 (116–187)	136 (101–181)	125 (95–165)	106 (81–140)	79 (60–107)	59 (41–86)	38 (26–53)
Encephalitis	126 (81–200)	113 (67–189)	94 (57–157)	73 (42–122)	48 (26–84)	35 (19–69)	19 (11–34)
Diphtheria	1 (0–10)	1 (0–8)	–	–	–	–	–
Whooping cough	5 (0–24)	14 (0–70)	–	–	–	–	–
Tetanus	121 (1–499)	127 (2–534)	64 (1–262)	55 (1–230)	40 (0–165)	23 (0–95)	10 (0–40)
Measles	9 (3–22)	7 (2–17)	–	–	–	–	–
Varicella	7 (0–48)	5 (0–35)	5 (0–34)	5 (0–32)	4 (0–29)	5 (0–34)	9 (0–62)
Neglected tropical diseases and malaria	1,168 (876–1,701)	1,254 (860–1,779)	1,034 (710–1,507)	720 (506–1,065)	497 (352–754)	278 (197–425)	173 (118–277)
Malaria	842 (582–1,361)	973 (609–1,470)	807 (481–1,251)	555 (357–904)	379 (252–643)	208 (134–349)	132 (79–237)
Chagas disease	33 (14–74)	32 (13–73)	29 (14–71)	23 (9–51)	17 (8–37)	11 (5–25)	6 (3–14)
Leishmaniasis	86 (48–141)	67 (38–110)	46 (26–76)	32 (19–52)	22 (13–36)	12 (7–19)	7 (4–11)
African trypanosomiasis	40 (10–84)	21 (5–43)	8 (2–17)	3 (1–7)	1 (0–2)	<0·5 (0–0·5)	<0·5 (0–0·5)
Schistosomiasis	32 (0–188)	34 (0–199)	31 (0–181)	25 (0–149)	20 (0–123)	12 (0–73)	5 (0–30)
Cysticercosis	2 (0–7)	2 (0–7)	1 (0–5)	1 (0–4)	1 (0–2)	<0·5 (0–1)	<0·5 (0–1)

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Cause	Both Sexes, 50-54 Years	Both Sexes, 55-59 Years	Both Sexes, 60-64 Years	Both Sexes, 65-69 Years	Both Sexes, 70-74 Years	Both Sexes, 75-79 Years	Both Sexes, 80+ Years
Echinococcosis	5 (0–18)	5 (0–20)	5 (0–20)	5 (0–17)	3 (0–12)	3 (0–10)	2 (0–7)
Dengue	10 (3–24)	9 (3–20)	10 (3–21)	7 (2–16)	4 (2–9)	4 (1–7)	4 (1–9)
Rabies	81 (41–153)	78 (38–157)	65 (33–133)	45 (22–86)	28 (15–54)	12 (6–21)	5 (2–9)
Intestinal nematode infections	1 (0–3)	1 (0–3)	1 (0–3)	<0·5 (0–2)	<0·5 (0–2)	<0·5 (0–2)	<0·5 (0–1)
Ascariasis	1 (0–3)	1 (0–3)	1 (0–3)	<0·5 (0–2)	<0·5 (0–2)	<0·5 (0–2)	<0·5 (0–1)
Other neglected tropical diseases	36 (19–56)	33 (18–51)	29 (16–48)	23 (12–43)	22 (11–39)	15 (7–31)	11 (5–23)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	670 (490–955)	685 (493–995)	791 (563–1,136)	679 (514–956)	628 (465–879)	480 (366–643)	529 (415–679)
Protein-energy malnutrition	581 (409–844)	597 (414–877)	693 (465–1,042)	586 (422–839)	542 (379–783)	405 (288–564)	422 (316–561)
Iodine deficiency	1 (1–2)	1 (1–2)	2 (1–2)	2 (1–2)	2 (1–2)	2 (1–2)	3 (2–4)
Iron-deficiency anemia	75 (61–95)	74 (59–91)	82 (66–104)	79 (61–97)	72 (54–90)	61 (48–73)	83 (67–106)
Other nutritional deficiencies	12 (10–15)	13 (11–15)	14 (12–17)	13 (11–16)	13 (11–16)	13 (11–16)	21 (18–28)

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Cause	Both Sexes, 50-54 Years	Both Sexes, 55-59 Years	Both Sexes, 60-64 Years	Both Sexes, 65-69 Years	Both Sexes, 70-74 Years	Both Sexes, 75-79 Years	Both Sexes, 80+ Years
Other communicable, maternal, neonatal, and nutritional disorders	821 (695–969)	806 (675–950)	747 (622–899)	618 (502–773)	411 (336–511)	252 (207–315)	142 (114–182)
Sexually transmitted diseases excluding HIV	42 (21–69)	35 (17–61)	40 (16–96)	22 (12–36)	19 (10–33)	13 (7–20)	7 (5–9)
Syphilis	27 (10–51)	25 (10–50)	29 (10–81)	16 (7–29)	12 (6–22)	8 (4–14)	4 (2–5)
Sexually transmitted chlamydial diseases	3 (2–5)	2 (1–4)	3 (1–6)	2 (1–2)	2 (1–3)	1 (1–2)	1 (0–1)
Gonococcal infection	3 (1–4)	2 (1–3)	2 (1–4)	1 (1–2)	1 (0–3)	1 (0–1)	1 (0–1)
Other sexually transmitted diseases	9 (5–14)	6 (3–10)	7 (3–14)	4 (2–6)	4 (2–8)	3 (1–4)	2 (1–3)
Hepatitis	507 (421–604)	510 (422–623)	423 (348–508)	314 (264–374)	202 (171–242)	100 (85–118)	37 (31–44)
Acute hepatitis A	242 (105–469)	256 (110–501)	220 (104–417)	159 (66–311)	100 (42–192)	48 (20–96)	19 (8–38)
Acute hepatitis B	230 (155–320)	224 (142–324)	176 (110–255)	133 (87–186)	87 (56–123)	44 (29–58)	15 (10–20)
Acute hepatitis C	29 (15–48)	26 (15–44)	25 (13–43)	20 (11–33)	15 (8–25)	8 (4–12)	3 (2–5)
Acute hepatitis E	6 (2–14)	4 (1–10)	2 (1–6)	1 (0–3)	1 (0–2)	<0·5 (0–1)	<0·5 (0–0·5)
Other infectious diseases	273 (179–382)	260 (178–357)	284 (198–393)	282 (190–422)	190 (127–286)	139 (100–199)	99 (70–138)
Non-communicable diseases	47,868 (45,435–50,163)	56,112 (53,673–58,573)	66,438 (64,062–69,062)	63,922 (61,699–66,238)	54,787 (53,102–56,771)	46,985 (45,763–48,283)	44,965 (44,109–45,926)
Neoplasms	15,764 (14,300–17,024)	18,280 (16,746–19,769)	19,618 (18,092–21,264)	16,994 (15,733–18,469)	12,206 (11,353–13,355)	8,642 (8,096–9,491)	5,383 (5,035–5,883)
Esophageal cancer	1,065 (787–1,419)	1,324 (970–1,837)	1,410 (1,069–1,904)	1,155 (882–1,525)	852 (652–1,110)	498 (382–662)	258 (205–335)
Stomach cancer	2,076 (1,565–2,761)	2,506 (1,890–3,379)	2,781 (2,076–3,779)	2,401 (1,790–3,206)	1,787 (1,362–2,398)	1,231 (952–1,675)	728 (556–1,005)
Liver cancer	1,645 (1,211–1,968)	1,811 (1,431–2,108)	1,610 (1,274–1,895)	1,244 (1,058–1,475)	832 (713–1,001)	491 (418–629)	246 (210–315)
Liver cancer secondary to hepatitis B	801 (568–972)	862 (676–1,012)	738 (577–873)	556 (465–665)	363 (306–452)	198 (168–258)	90 (76–118)
Liver cancer secondary to hepatitis C	318 (240–371)	437 (350–492)	465 (364–540)	394 (336–460)	270 (230–324)	167 (142–208)	88 (77–110)
Liver cancer secondary to alcohol use	334 (246–393)	348 (279–407)	302 (237–358)	233 (197–277)	159 (135–193)	103 (89–128)	57 (49–71)
Other liver cancer	192 (145–230)	165 (132–190)	105 (83–122)	60 (51–70)	39 (33–47)	23 (19–28)	11 (9–13)
Larynx cancer	307 (151–525)	342 (174–574)	371 (189–617)	277 (142–485)	173 (90–286)	102 (53–172)	49 (27–81)
Trachea, bronchus and lung cancers	2,789 (2,081–3,518)	3,680 (2,790–4,551)	4,337 (3,296–5,420)	3,795 (2,967–4,910)	2,580 (2,083–3,435)	1,665 (1,340–2,290)	769 (629–1,028)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Both Sexes, 50-54 Years	Both Sexes, 55-59 Years	Both Sexes, 60-64 Years	Both Sexes, 65-69 Years	Both Sexes, 70-74 Years	Both Sexes, 75-79 Years	Both Sexes, 80+ Years
Breast cancer	1,195 (1,144–1,261)	1,096 (1,056–1,161)	971 (927–1,033)	776 (741–832)	500 (479–539)	378 (361–409)	288 (271–316)
Cervical cancer	812 (499–1,162)	735 (436–1,023)	660 (369–913)	465 (274–628)	312 (187–430)	183 (110–256)	102 (60–144)
Uterine cancer	103 (56–175)	131 (69–223)	155 (86–273)	152 (87–268)	104 (55–182)	80 (43–144)	52 (29–95)
Prostate cancer	60 (32–94)	130 (73–220)	263 (147–415)	383 (219–616)	410 (223–640)	452 (252–689)	432 (242–665)
Colon and rectum cancers	1,004 (832–1,131)	1,233 (1,042–1,392)	1,471 (1,240–1,651)	1,410 (1,191–1,627)	1,105 (937–1,282)	943 (792–1,101)	711 (581–832)
Mouth cancer	326 (258–371)	321 (262–360)	310 (256–353)	229 (188–255)	139 (115–154)	87 (71–99)	61 (49–69)
Nasopharynx cancer	166 (106–240)	164 (107–244)	145 (92–202)	100 (65–147)	62 (39–87)	33 (21–46)	15 (10–22)
Cancer of other part of pharynx and oropharynx	339 (194–462)	339 (192–443)	309 (180–409)	217 (128–285)	122 (76–167)	65 (41–88)	32 (21–42)
Gallbladder and biliary tract cancer	201 (129–292)	257 (163–370)	299 (197–438)	301 (199–439)	235 (156–342)	189 (128–276)	135 (87–202)
Pancreatic cancer	439 (322–578)	580 (433–764)	674 (511–895)	639 (474–833)	487 (365–647)	381 (285–513)	248 (183–349)
Malignant melanoma of skin	89 (52–133)	87 (56–132)	91 (55–134)	77 (50–118)	53 (34–81)	43 (27–67)	32 (21–51)
Non-melanoma skin cancer	33 (19–55)	42 (24–71)	45 (26–75)	44 (26–72)	36 (23–60)	35 (22–58)	49 (29–80)
Ovarian cancer	417 (287–532)	409 (288–504)	394 (279–500)	329 (234–425)	203 (137–264)	142 (102–185)	84 (59–113)
Testicular cancer	10 (6–13)	9 (5–14)	9 (5–14)	9 (4–13)	6 (3–9)	3 (2–5)	3 (1–4)
Kidney and other urinary organ cancers	211 (145–277)	268 (185–365)	299 (209–398)	267 (185–365)	180 (126–250)	142 (101–198)	85 (60–119)
Bladder cancer	185 (141–220)	265 (201–327)	364 (280–440)	379 (292–460)	315 (254–393)	270 (224–342)	213 (178–263)
Brain and nervous system cancers	416 (284–585)	431 (286–590)	413 (268–586)	321 (220–458)	192 (134–282)	111 (77–176)	47 (34–78)
Thyroid cancer	55 (39–72)	69 (50–88)	80 (59–101)	72 (53–92)	58 (42–74)	41 (30–54)	25 (18–33)
Hodgkin's disease	43 (25–60)	42 (25–61)	42 (24–60)	35 (21–50)	22 (14–32)	16 (10–24)	9 (6–13)
Non-Hodgkin's lymphoma	301 (238–349)	351 (280–398)	391 (322–442)	357 (295–403)	268 (223–302)	194 (166–235)	122 (103–149)
Multiple myeloma	89 (57–128)	126 (83–179)	159 (107–234)	162 (108–242)	126 (85–186)	100 (67–152)	64 (43–93)
Leukemia	377 (291–455)	398 (315–492)	416 (334–510)	375 (303–477)	276 (223–355)	217 (175–279)	150 (119–195)
Other neoplasms	1,010 (710–1,304)	1,134 (809–1,494)	1,143 (826–1,501)	1,025 (772–1,353)	771 (574–1,033)	549 (415–747)	374 (287–515)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Both Sexes, 50-54 Years	Both Sexes, 55-59 Years	Both Sexes, 60-64 Years	Both Sexes, 65-69 Years	Both Sexes, 70-74 Years	Both Sexes, 75-79 Years	Both Sexes, 80+ Years
Cardiovascular and circulatory diseases	17,550 (16,340–19,069)	20,934 (19,786–22,670)	26,570 (24,932–28,733)	27,201 (25,671–29,316)	25,015 (23,627–27,079)	24,390 (23,073–25,976)	27,116 (25,818–28,303)
Rheumatic heart disease	1,154 (983–1,416)	1,162 (991–1,423)	1,130 (971–1,337)	914 (814–1,054)	726 (647–847)	577 (518–637)	584 (540–643)
Ischemic heart disease	7,961 (7,329–8,849)	9,188 (8,743–10,435)	11,927 (11,296–13,206)	12,077 (11,383–13,292)	10,580 (10,122–11,743)	10,591 (10,127–11,476)	12,239 (11,778–13,065)
Cerebrovascular disease	6,104 (5,573–7,158)	7,834 (7,172–9,198)	10,180 (9,295–11,775)	10,798 (9,882–12,396)	10,606 (9,730–12,052)	10,333 (9,459–11,516)	10,979 (10,013–12,151)
Ischemic stroke	1,101 (958–1,436)	1,746 (1,501–2,251)	3,312 (2,877–4,040)	3,928 (3,456–4,740)	4,601 (4,068–5,456)	5,571 (5,151–6,244)	7,572 (7,071–8,147)
Hemorrhagic and other non-ischemic stroke	5,002 (4,187–5,972)	6,088 (5,098–7,209)	6,868 (5,748–8,210)	6,870 (5,700–8,096)	6,005 (4,920–7,210)	4,761 (3,979–5,591)	3,407 (2,841–4,028)
Hypertensive heart disease	879 (712–1,126)	1,055 (849–1,348)	1,344 (1,099–1,684)	1,432 (1,146–1,799)	1,337 (1,071–1,704)	1,212 (958–1,531)	1,340 (1,042–1,739)
Cardiomyopathy and myocarditis	670 (564–777)	667 (561–776)	699 (606–791)	582 (503–657)	447 (388–510)	364 (321–402)	360 (321–402)
Atrial fibrillation and flutter	16 (10–25)	23 (15–37)	38 (26–62)	49 (36–73)	59 (42–89)	76 (59–100)	130 (104–165)
Aortic aneurysm	158 (100–253)	211 (137–322)	295 (198–430)	356 (239–523)	351 (232–546)	305 (213–426)	270 (198–364)
Peripheral vascular disease	14 (8–23)	19 (11–34)	28 (16–52)	34 (20–58)	37 (22–60)	39 (24–62)	62 (39–97)
Endocarditis	55 (42–76)	55 (43–75)	57 (46–77)	50 (41–71)	40 (33–57)	36 (31–50)	39 (34–52)
Other cardiovascular and circulatory diseases	538 (493–589)	719 (662–782)	872 (816–940)	908 (846–975)	832 (780–889)	858 (814–906)	1,113 (1,060–1,176)
Chronic respiratory diseases	5,198 (4,833–5,606)	7,227 (6,736–7,776)	10,249 (9,628–10,906)	10,933 (10,362–11,516)	10,568 (10,100–11,090)	8,295 (7,944–8,637)	7,269 (6,987–7,536)
Chronic obstructive pulmonary disease	3,681 (3,199–4,188)	5,410 (4,817–6,136)	8,013 (7,231–8,943)	8,833 (8,075–9,721)	8,737 (8,058–9,540)	6,905 (6,417–7,494)	6,060 (5,683–6,505)
Pneumoconiosis	255 (102–519)	332 (146–634)	457 (200–940)	467 (206–997)	428 (199–829)	318 (168–603)	324 (175–613)
Asthma	771 (484–1,354)	911 (588–1,498)	1,073 (715–1,733)	977 (672–1,506)	820 (573–1,258)	596 (437–897)	434 (327–628)
Other interstitial lung disease	107 (68–165)	140 (88–223)	196 (116–347)	188 (120–291)	163 (104–247)	130 (87–201)	91 (60–141)
Other chronic respiratory diseases	384 (258–598)	434 (290–664)	510 (345–765)	468 (316–670)	421 (290–593)	346 (249–477)	360 (273–477)
Cirrhosis of the liver	2,861 (2,421–3,390)	2,835 (2,357–3,321)	2,535 (2,123–2,931)	1,859 (1,546–2,105)	1,152 (972–1,319)	729 (607–819)	432 (351–481)
Cirrhosis of the liver secondary to hepatitis B	917 (748–1,069)	952 (768–1,124)	875 (724–1,001)	648 (531–740)	405 (330–460)	239 (193–271)	130 (97–149)
Cirrhosis of the liver secondary to hepatitis C	712 (609–840)	792 (661–924)	790 (673–919)	625 (529–714)	390 (329–445)	256 (218–292)	159 (129–177)
Cirrhosis of the liver secondary to alcohol use	836 (690–1,044)	772 (613–949)	644 (520–775)	446 (362–537)	269 (217–321)	177 (145–207)	109 (89–123)

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Cause	Both Sexes, 50-54 Years	Both Sexes, 55-59 Years	Both Sexes, 60-64 Years	Both Sexes, 65-69 Years	Both Sexes, 70-74 Years	Both Sexes, 75-79 Years	Both Sexes, 80+ Years
Other cirrhosis of the liver	396 (341–474)	320 (268–379)	227 (193–267)	141 (118–164)	88 (73–102)	56 (47–65)	34 (27–38)
Digestive diseases (except cirrhosis)	2,053 (1,741–2,338)	1,885 (1,621–2,160)	2,119 (1,832–2,455)	1,910 (1,698–2,154)	1,625 (1,447–1,851)	1,379 (1,238–1,562)	1,362 (1,253–1,497)
Peptic ulcer disease	856 (680–971)	675 (540–773)	747 (608–836)	642 (528–723)	529 (432–591)	423 (349–473)	378 (303–415)
Gastritis and duodenitis	26 (18–41)	29 (20–44)	29 (21–43)	28 (20–42)	24 (17–35)	21 (15–31)	27 (18–38)
Appendicitis	64 (39–95)	66 (42–99)	73 (47–108)	62 (39–92)	50 (31–71)	37 (24–52)	28 (19–39)
Paralytic ileus and intestinal obstruction without hernia	213 (125–290)	212 (127–285)	235 (146–300)	211 (133–270)	191 (123–243)	169 (115–211)	185 (133–232)
Inguinal or femoral hernia	32 (32–33)	37 (36–37)	46 (45–47)	44 (43–45)	40 (39–42)	40 (39–42)	43 (41–44)
Noninfective inflammatory bowel disease	39 (27–51)	41 (28–55)	42 (28–58)	39 (26–52)	34 (23–44)	30 (23–38)	37 (28–46)
Vascular disorders of intestine	49 (20–114)	66 (29–158)	96 (42–227)	115 (57–254)	109 (57–232)	121 (65–242)	130 (75–240)
Gall bladder and bile duct disease	117 (91–162)	127 (101–173)	149 (120–193)	152 (124–202)	132 (106–180)	125 (102–159)	140 (114–180)
Pancreatitis	143 (100–188)	125 (91–164)	126 (90–164)	103 (74–134)	75 (56–97)	64 (48–82)	49 (36–63)
Other digestive diseases	514 (363–686)	509 (377–656)	575 (424–737)	515 (381–642)	439 (328–550)	349 (261–432)	346 (258–446)
Neurological disorders	883 (611–1,226)	895 (623–1,259)	911 (635–1,286)	889 (646–1,239)	838 (609–1,138)	808 (646–1,008)	977 (797–1,289)
Alzheimer's disease and other dementias	52 (31–72)	68 (45–93)	106 (71–145)	145 (102–201)	202 (144–276)	288 (218–399)	557 (435–854)
Parkinson's disease	21 (14–29)	34 (24–49)	58 (43–85)	95 (71–135)	127 (95–178)	159 (121–214)	159 (123–221)
Epilepsy	200 (135–250)	155 (103–195)	119 (81–150)	103 (69–129)	71 (44–93)	52 (33–65)	49 (30–68)
Multiple sclerosis	56 (42–75)	59 (40–93)	43 (33–59)	31 (24–39)	19 (13–27)	12 (9–17)	5 (3–6)
Other neurological disorders	554 (320–885)	579 (332–947)	584 (333–957)	514 (289–855)	419 (218–702)	297 (164–462)	206 (109–327)
Mental and behavioral disorders	502 (300–728)	391 (241–563)	298 (189–453)	178 (123–265)	99 (72–140)	75 (54–105)	66 (44–89)
Schizophrenia	48 (32–68)	48 (32–70)	32 (22–48)	31 (20–48)	22 (14–34)	17 (11–26)	14 (8–23)
Alcohol use disorders	389 (196–590)	291 (146–462)	221 (118–369)	112 (63–195)	48 (28–82)	27 (17–49)	12 (7–20)
Drug use disorders	41 (23–119)	28 (16–59)	22 (12–49)	14 (8–30)	10 (6–22)	8 (5–18)	6 (4–13)
Opioid use disorders	12 (7–38)	9 (5–19)	7 (4–16)	4 (3–10)	3 (2–7)	2 (2–6)	2 (1–4)

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Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Cocaine use disorders	2 (1–6)	1 (1–3)	1 (1–2)	1 (0–1)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–1)
Amphetamine use disorders	1 (0–1)	<0·5 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Other drug use disorders	26 (15–75)	17 (10–36)	14 (8–31)	8 (5–18)	6 (4–13)	5 (3–11)	4 (2–8)
Eating disorders	6 (3–12)	5 (2–11)	5 (2–8)	5 (2–8)	4 (2–7)	5 (2–8)	11 (5–17)
Other mental and behavioral disorders	18 (7–34)	19 (8–37)	18 (8–32)	17 (8–30)	15 (7–26)	17 (8–28)	23 (10–36)
Diabetes, urogenital, blood, and endocrine diseases	2,635 (2,374–3,176)	3,191 (2,903–3,812)	3,636 (3,352–4,319)	3,513 (3,236–4,016)	2,869 (2,654–3,299)	2,325 (2,158–2,625)	2,020 (1,852–2,295)
Diabetes mellitus	1,245 (1,085–1,407)	1,663 (1,467–1,920)	2,014 (1,793–2,322)	2,007 (1,770–2,344)	1,596 (1,436–1,867)	1,219 (1,092–1,413)	855 (772–1,007)
Acute glomerulonephritis	246 (81–687)	232 (75–697)	218 (77–655)	183 (71–503)	141 (53–375)	86 (33–245)	51 (19–146)
Chronic kidney diseases	757 (644–906)	867 (738–1,060)	899 (773–1,113)	819 (709–1,031)	681 (588–848)	589 (518–725)	615 (524–749)
Chronic kidney disease due to diabetes mellitus	208 (174–255)	277 (231–341)	327 (274–409)	266 (229–339)	193 (162–238)	141 (122–176)	123 (103–153)
Chronic kidney disease due to hypertension	172 (146–206)	189 (159–229)	185 (159–230)	182 (158–229)	162 (140–201)	148 (131–180)	162 (139–196)
Chronic kidney disease unspecified	377 (318–458)	402 (338–497)	387 (327–485)	371 (323–473)	326 (282–404)	299 (262–366)	330 (283–403)
Urinary diseases and male infertility	187 (124–240)	214 (145–270)	267 (180–335)	274 (188–343)	248 (177–310)	247 (180–308)	294 (217–383)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	100 (69–138)	112 (78–148)	146 (99–198)	152 (109–207)	139 (98–188)	149 (108–201)	198 (148–269)
Urolithiasis	33 (19–56)	40 (23–69)	45 (27–76)	43 (24–70)	38 (23–61)	35 (21–58)	32 (19–53)
Other urinary diseases	54 (34–74)	62 (40–81)	76 (49–100)	79 (51–102)	72 (47–94)	62 (42–82)	64 (46–87)
Gynecological diseases	10 (10–11)	9 (8–9)	7 (7–7)	6 (6–6)	5 (5–5)	4 (4–4)	4 (4–4)
Uterine fibroids	1 (1–1)	1 (1–1)	1 (1–1)	1 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Endometriosis	<0·5 (0–0·5)	–	–	–	–	–	–
Genital prolapse	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Other gynecological diseases	9 (8–9)	8 (7–8)	6 (6–6)	5 (5–5)	4 (4–5)	4 (3–4)	3 (3–4)
Hemoglobinopathies and hemolytic anemias	83 (58–138)	91 (64–161)	103 (70–166)	98 (67–148)	95 (64–148)	87 (56–138)	88 (57–137)
Thalassemias	24 (17–34)	17 (13–25)	10 (7–14)	4 (3–6)	2 (1–2)	1 (0–1)	<0·5 (0–0·5)

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Sickle cell disorders	18 (11–27)	16 (9–23)	13 (8–19)	8 (6–12)	5 (3–7)	2 (2–3)	1 (1–1)
G6PD deficiency	4 (3–6)	4 (3–6)	4 (3–6)	4 (3–6)	4 (3–6)	4 (3–6)	4 (3–6)
Other hemoglobinopathies and hemolytic anemias	37 (17–70)	54 (29–100)	76 (43–128)	81 (46–126)	84 (48–135)	80 (45–130)	82 (49–128)
Other endocrine, nutritional, blood, and immune disorders	106 (52–156)	113 (56–169)	127 (62–191)	126 (65–188)	104 (51–152)	94 (49–135)	113 (55–165)
Musculoskeletal disorders	127 (78–168)	143 (92–189)	144 (97–195)	137 (90–184)	128 (79–168)	118 (75–151)	104 (67–142)
Rheumatoid arthritis	60 (40–85)	75 (51–104)	80 (53–108)	79 (55–107)	76 (49–105)	71 (45–96)	49 (34–68)
Other musculoskeletal disorders	67 (43–91)	68 (44–91)	63 (42–85)	57 (38–76)	52 (32–73)	46 (31–61)	55 (38–72)
Other non-communicable diseases	296 (237–369)	329 (258–406)	361 (271–448)	310 (236–380)	289 (222–349)	224 (176–273)	236 (187–280)
Congenital anomalies	148 (113–201)	181 (133–241)	205 (136–274)	174 (114–236)	153 (98–204)	107 (71–146)	101 (69–132)
Neural tube defects	16 (5–33)	20 (5–45)	19 (6–38)	16 (5–34)	15 (5–28)	8 (3–19)	5 (2–10)
Congenital heart anomalies	48 (35–66)	58 (42–80)	70 (46–101)	69 (47–98)	69 (43–103)	55 (35–79)	67 (44–95)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	19 (11–34)	19 (10–36)	16 (9–33)	7 (3–16)	2 (1–3)	1 (0–1)	<0·5 (0–0·5)
Other chromosomal abnormalities	4 (2–10)	5 (2–12)	5 (2–11)	8 (1–49)	1 (1–4)	1 (0–3)	1 (0–2)
Other congenital anomalies	62 (40–101)	79 (50–125)	95 (57–155)	74 (44–125)	66 (39–112)	42 (23–73)	28 (15–48)
Skin and subcutaneous diseases	148 (104–200)	148 (105–198)	156 (113–212)	135 (100–176)	136 (103–175)	117 (90–153)	135 (107–170)
Cellulitis	50 (36–69)	51 (36–68)	49 (35–66)	38 (28–49)	32 (24–41)	23 (18–30)	19 (15–23)
Abscess, impetigo, and other bacterial skin diseases	61 (43–84)	59 (42–79)	59 (42–79)	47 (35–60)	42 (32–55)	32 (25–41)	31 (25–39)
Decubitus ulcer	37 (26–50)	38 (27–51)	48 (35–65)	50 (37–65)	61 (46–79)	62 (48–79)	84 (68–104)
Other skin and subcutaneous diseases	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	7,115 (6,515–8,197)	5,403 (4,963–6,302)	4,331 (3,986–4,982)	3,058 (2,829–3,486)	2,137 (1,945–2,408)	1,603 (1,476–1,767)	1,492 (1,359–1,647)
Transport injuries	1,809 (1,339–2,242)	1,396 (1,038–1,748)	1,092 (812–1,351)	762 (595–924)	504 (397–603)	337 (264–397)	186 (142–220)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Road injury	1,713 (1,367–2,191)	1,327 (1,050–1,697)	1,039 (824–1,319)	728 (596–900)	484 (388–592)	322 (263–390)	178 (142–212)
Pedestrian injury by road vehicle	552 (373–726)	415 (273–535)	341 (243–439)	240 (178–302)	164 (121–206)	120 (91–149)	73 (55–89)
Pedal cycle vehicle	111 (80–151)	99 (69–132)	83 (58–112)	63 (45–83)	45 (30–59)	30 (21–37)	14 (10–18)
Motorized vehicle with two wheels	240 (146–357)	169 (103–258)	125 (74–190)	83 (50–116)	52 (32–72)	30 (18–41)	14 (8–21)
Motorized vehicle with three or more wheels	620 (462–781)	480 (354–604)	363 (267–469)	261 (193–324)	162 (118–204)	109 (81–139)	59 (43–73)
Road injury other	190 (70–427)	164 (64–352)	127 (54–264)	82 (34–172)	61 (24–128)	34 (14–69)	17 (6–33)
Other transport injury	96 (73–147)	69 (53–102)	54 (41–80)	33 (26–52)	21 (16–29)	15 (12–20)	8 (6–11)
Unintentional injuries other than transport injuries	2,898 (2,596–3,515)	2,243 (2,012–2,708)	1,872 (1,691–2,212)	1,377 (1,254–1,609)	1,047 (960–1,208)	891 (820–1,000)	1,069 (969–1,228)
Falls	532 (440–708)	457 (382–619)	439 (373–571)	380 (322–489)	344 (289–447)	369 (309–450)	611 (522–751)
Drowning	405 (333–549)	306 (249–395)	250 (207–317)	171 (143–215)	120 (97–151)	78 (64–97)	50 (39–63)
Fire, heat and hot substances	328 (257–441)	242 (190–335)	217 (170–291)	165 (128–217)	131 (99–168)	103 (79–137)	93 (73–125)
Poisonings	397 (296–677)	295 (220–506)	221 (162–379)	138 (104–231)	92 (70–149)	60 (46–92)	40 (31–61)
Exposure to mechanical forces	542 (369–929)	391 (270–635)	280 (195–451)	167 (111–276)	101 (67–160)	68 (46–106)	43 (28–68)
Mechanical forces (firearm)	212 (117–398)	149 (82–276)	101 (55–183)	66 (34–144)	43 (21–86)	26 (12–61)	16 (8–41)
Mechanical forces (other)	330 (225–517)	242 (163–399)	179 (119–291)	101 (67–175)	57 (37–94)	41 (27–73)	27 (17–49)
Adverse effects of medical treatment	58 (47–72)	64 (51–77)	64 (51–77)	62 (48–76)	46 (36–58)	40 (30–50)	36 (26–50)
Animal contact	129 (83–178)	95 (61–139)	81 (54–122)	55 (36–81)	42 (27–62)	27 (17–43)	16 (10–27)
Animal contact (venomous)	97 (46–165)	67 (34–122)	56 (27–93)	37 (19–62)	27 (14–47)	17 (9–32)	10 (5–18)
Animal contact (non-venomous)	32 (17–52)	28 (14–46)	25 (13–42)	18 (9–29)	14 (7–24)	10 (5–17)	6 (3–11)
Unintentional injuries not classified elsewhere	507 (397–599)	393 (321–457)	321 (260–376)	239 (195–275)	172 (142–200)	145 (119–167)	180 (145–202)
Self-harm and interpersonal violence	2,193 (1,775–2,818)	1,572 (1,276–2,088)	1,208 (955–1,612)	807 (610–1,064)	532 (403–695)	357 (269–456)	231 (170–297)
Self-harm	1,687 (1,295–2,304)	1,251 (941–1,744)	997 (760–1,374)	690 (500–955)	470 (340–630)	321 (236–417)	209 (148–278)
Interpersonal violence	507 (335–704)	321 (211–441)	211 (143–275)	117 (82–157)	62 (44–79)	36 (27–46)	22 (17–27)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Both Sexes, 50-54 Years**	**Both Sexes, 55-59 Years**	**Both Sexes, 60-64 Years**	**Both Sexes, 65-69 Years**	**Both Sexes, 70-74 Years**	**Both Sexes, 75-79 Years**	**Both Sexes, 80+ Years**
Assault by firearm	181 (124–251)	112 (71–163)	70 (42–101)	34 (22–48)	16 (10–25)	8 (5–11)	5 (3–7)
Assault by sharp object	127 (78–191)	79 (46–115)	49 (31–72)	27 (17–38)	15 (9–21)	7 (4–10)	4 (3–7)
Assault by other means	199 (143–274)	130 (92–179)	92 (69–123)	56 (41–72)	31 (24–39)	21 (16–26)	13 (10–17)
Forces of nature, war, and legal intervention	215 (136–395)	193 (120–360)	157 (99–292)	112 (70–209)	54 (34–98)	19 (12–34)	6 (4–10)
Exposure to forces of nature	74 (39–150)	79 (42–160)	70 (37–140)	55 (29–109)	26 (14–50)	9 (5–18)	2 (1–4)
Collective violence and legal intervention	140 (91–241)	114 (74–196)	88 (57–149)	57 (37–96)	28 (18–47)	10 (6–16)	4 (2–6)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
All causes	1,078,321 (1,032,373–1,130,661)	158,550 (139,749–176,118)	61,562 (57,559–65,199)	166,085 (151,887–184,336)	161,810 (139,008–188,791)	30,139 (28,512–31,925)	17,127 (16,273–18,094)
Communicable, maternal, neonatal, and nutritional disorders	579,451 (538,939–627,862)	146,257 (126,264–163,744)	55,088 (50,609–59,378)	140,800 (127,613–159,858)	122,712 (102,859–149,022)	17,030 (15,166–19,482)	7,349 (6,454–8,364)
HIV/AIDS and tuberculosis	42,981 (37,075–52,562)	–	–	1,752 (1,305–2,430)	4,197 (3,114–5,861)	823 (617–1,184)	432 (331–601)
Tuberculosis	33,197 (28,065–42,452)	–	–	1,252 (837–1,875)	2,439 (1,470–4,043)	694 (488–1,063)	400 (300–571)
HIV/AIDS	9,783 (8,000–12,251)	–	–	500 (386–631)	1,758 (1,350–2,248)	129 (98–180)	32 (24–50)
HIV disease resulting in mycobacterial infection	1,697 (1,352–2,193)	–	–	106 (81–137)	371 (287–471)	27 (19–37)	4 (3–7)
HIV disease resulting in other specified or unspecified diseases	8,086 (6,623–10,117)	–	–	394 (296–513)	1,387 (1,058–1,788)	103 (76–144)	28 (21–43)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	280,670 (247,973–329,373)	18,690 (14,757–23,734)	26,929 (22,913–32,042)	104,010 (90,285–125,286)	82,167 (65,107–108,095)	11,396 (9,320–14,141)	4,450 (3,502–5,468)
Diarrheal diseases	90,680 (80,689–102,098)	3,014 (2,063–4,429)	7,493 (5,663–9,839)	37,627 (31,132–43,383)	27,875 (22,977–33,820)	3,427 (2,536–4,560)	1,195 (864–1,627)
Cholera	5,056 (3,630–6,822)	174 (90–314)	427 (233–727)	1,989 (1,231–3,039)	1,940 (1,335–2,742)	184 (114–291)	47 (27–78)
Other salmonella infections	4,888 (3,713–6,373)	123 (70–205)	309 (191–497)	1,686 (1,150–2,441)	1,502 (1,114–2,021)	298 (200–427)	150 (95–229)
Shigellosis	6,624 (5,046–8,275)	186 (109–309)	470 (289–737)	2,311 (1,572–3,254)	2,086 (1,533–2,739)	365 (234–540)	163 (101–256)
Enteropathogenic E coli infection	8,928 (6,498–11,852)	389 (218–666)	982 (604–1,591)	4,966 (3,478–6,846)	2,276 (1,631–3,051)	135 (87–214)	28 (17–46)
Enterotoxigenic E coli infection	6,085 (4,749–7,845)	174 (102–295)	440 (272–716)	2,272 (1,630–3,179)	1,747 (1,294–2,294)	233 (154–347)	99 (61–153)
Campylobacter enteritis	8,333 (6,354–10,555)	312 (182–526)	785 (500–1,224)	3,975 (2,866–5,320)	2,422 (1,792–3,226)	223 (144–337)	71 (43–116)
Amoebiasis	1,738 (1,317–2,248)	36 (17–69)	87 (45–157)	425 (243–689)	519 (358–722)	81 (52–122)	35 (20–54)
Cryptosporidiosis	9,719 (7,553–12,302)	400 (258–634)	968 (654–1,405)	4,906 (3,663–6,339)	3,022 (2,280–3,986)	179 (118–256)	30 (18–47)
Rotaviral enteritis	20,318 (16,053–25,267)	740 (450–1,188)	1,810 (1,193–2,592)	9,166 (6,941–11,724)	7,064 (5,377–9,204)	557 (367–809)	123 (80–185)
Other diarrheal diseases	18,991 (11,362–28,715)	479 (218–962)	1,213 (601–2,105)	5,929 (3,226–9,784)	5,298 (2,843–8,905)	1,172 (641–1,804)	450 (249–735)
Typhoid and paratyphoid fevers	5,352 (634–10,060)	–	–	364 (41–689)	1,251 (137–2,377)	1,015 (123–1,915)	632 (75–1,181)
Lower respiratory infections	112,361 (91,937–126,740)	10,534 (7,452–13,032)	10,967 (8,447–13,107)	42,794 (34,483–49,422)	28,425 (21,597–34,765)	2,788 (2,140–3,367)	1,202 (867–1,438)
Influenza	17,512 (14,003–20,525)	1,523 (1,003–2,019)	1,575 (1,109–2,049)	6,326 (4,800–7,905)	4,090 (3,054–5,142)	462 (342–578)	226 (160–280)
Pneumococcal pneumonia	21,214 (17,398–25,089)	1,566 (1,020–2,141)	1,612 (1,200–2,093)	6,381 (4,881–8,001)	6,673 (5,125–8,441)	543 (408–673)	188 (134–232)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
H influenzae type B pneumonia	24,154 (19,163–28,560)	2,432 (1,654–3,308)	2,503 (1,804–3,212)	9,993 (7,588–12,265)	6,347 (4,726–8,048)	570 (418–718)	223 (158–281)
Respiratory syncytial virus pneumonia	23,626 (18,544–28,507)	3,327 (2,320–4,309)	3,531 (2,651–4,475)	13,210 (10,444–16,050)	3,361 (2,553–4,166)	28 (21–34)	12 (9–14)
Other lower respiratory infections	25,854 (20,764–31,056)	1,687 (1,058–2,374)	1,747 (1,170–2,497)	6,884 (4,875–9,310)	7,955 (6,020–9,913)	1,185 (890–1,458)	552 (398–675)
Upper respiratory infections	142 (115–160)	12 (8–15)	13 (10–15)	56 (46–65)	36 (28–46)	5 (4–6)	2 (2–2)
Otitis media	198 (0–2,306)	3 (0–33)	11 (0–131)	125 (0–1,522)	23 (0–248)	5 (0–59)	4 (0–45)
Meningitis	18,917 (16,214–25,064)	1,109 (728–1,662)	2,232 (1,547–3,151)	6,033 (4,666–8,401)	5,024 (3,715–7,774)	1,033 (695–1,578)	508 (370–721)
Pneumococcal meningitis	4,536 (3,803–6,121)	205 (131–328)	416 (277–621)	1,057 (774–1,490)	1,356 (994–2,103)	326 (214–503)	169 (118–248)
H influenzae type B meningitis	5,045 (4,078–6,844)	310 (197–478)	637 (416–950)	1,667 (1,236–2,315)	1,746 (1,262–2,707)	335 (215–519)	120 (83–176)
Meningococcal infection	2,929 (2,467–3,899)	128 (76–214)	253 (165–379)	636 (453–944)	976 (715–1,561)	220 (156–338)	113 (85–155)
Other meningitis	6,407 (5,318–8,222)	466 (309–675)	927 (639–1,319)	2,673 (2,035–3,710)	946 (712–1,419)	151 (106–228)	107 (81–149)
Encephalitis	5,128 (4,193–6,778)	280 (159–481)	659 (406–1,070)	1,447 (1,006–2,101)	1,202 (797–1,926)	394 (195–693)	192 (98–332)
Diphtheria	269 2,296)	–	–	63 (0–522)	160 (0–1,389)	30 (0–262)	7 (0– (0–60)
Whooping cough	7,313 (25–35,329)	–	–	5,916 (20–28,230)	1,272 (4–6,387)	67 (0–343)	13 (0–63)
Tetanus	12,314 (5,845–22,739)	3,729 (1,399–8,249)	5,537 (2,531–10,434)	1,798 (628–3,782)	232 (2–1,083)	206 (1–944)	109 (1–502)
Measles	27,628 (7,948–66,904)	–	–	7,669 (2,286–18,299)	16,546 (4,649–40,710)	2,398 (736–5,311)	576 (168–1,422)
Varicella	368 (0–2,480)	10 (0–61)	18 (0–120)	117 (0–783)	121 (0–816)	28 (0–192)	10 (0–71)
Neglected tropical diseases and malaria	43,839 (33,360–57,645)	23 (10–52)	1,212 (753–1,949)	9,311 (5,975–13,730)	18,281 (11,752–26,642)	2,644 (1,919–3,516)	1,512 (1,158–1,949)
Malaria	35,355 (25,209–47,855)	–	1,140 (681–1,888)	8,569 (5,240–12,860)	16,057 (9,776–24,237)	1,450 (938–2,123)	777 (512–1,117)
Chagas disease	168 (40–430)	–	–	1 (0–3)	1 (0–2)	1 (0–2)	1 (0–3)
Leishmaniasis	4,126 (2,197–7,256)	–	41 (15–93)	489 (183–1,074)	1,284 (550–2,649)	585 (277–1,090)	386 (203–657)
African trypanosomiasis	1,076 (313–2,344)	–	–	–	128 (29–263)	102 (30–228)	101 (33–217)
Schistosomiasis	136 800)	–	–	<0·5 (0–3)	4 (0–24)	2 (0–13)	3 (0– (0–16)
Cysticercosis	15 (1–58)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–1)	<0·5 (0–2)	1 (0–2)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Echinococcosis	31 (1–116)	–	–	–	1 (0–3)	2 (0–7)	1 (0–6)
Dengue	352 (70–878)	–	–	58 (8–171)	117 (16–366)	49 (11–108)	21 (4–55)
Rabies	1,792 (841–3,691)	–	–	93 (29–197)	455 (137–1,309)	389 (156–773)	192 (87–390)
Intestinal nematode infections	151 720)	–	–	17 (0–79)	101 (0–479)	20 (0–95)	4 (1– (0–20)
Ascariasis	151 720)	–	–	17 (0–79)	101 (0–479)	20 (0–95)	4 (1– (0–20)
Other neglected tropical diseases	638 (308–989)	23 (10–52)	31 (11–68)	83 (33–194)	134 (35–336)	45 (15–102)	26 (10–53)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	155.790 (131,070–175,950)	122.645 (100,965–140,473)	24.814 (19,891–29,018)	7.973 (5,824–10,406)	359 (252–532)	–	–
Preterm birth complications	60,567 (46,730–71,758)	49,918 (38,172–60,258)	7,839 (5,524–9,889)	2,759 (1,856–3,708)	50 (29–79)	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	32.701 (24,528–43,187)	27.865 (20,749–36,772)	3.655 (2,592–5,315)	1.047 (709–1,503)	134 (60–260)	–	–
Sepsis and other infectious disorders of the newborn baby	27,288 (12,015–44,217)	20,316 (8,709–33,294)	5,657 (2,277–9,714)	1,277 (479–2,711)	38 (10–89)	–	–
Other neonatal disorders	35.235 (24,599–46,186)	24.545 (16,427–34,073)	7.663 (5,363–10,184)	2.889 (1,843–4,129)	138 (56–272)	–	–
Nutritional deficiencies	32,288 (27,328–38,268)	–	–	11,885 (9,374–15,021)	14,070 (10,866–18,132)	1,180 (804–1,796)	510 (356–775)
Protein-energy malnutrition	29,871 (22,750–36,214)	–	–	11,332 (8,336–14,566)	13,203 (9,808–17,548)	1,065 (686–1,652)	434 (278–688)
Iodine deficiency	49 (37–57)	–	–	15 (11–19)	7 (5–9)	2 (1–2)	2 (1–2)
Iron-deficiency anemia	2,153 (1,678–2,672)	–	–	458 (346–598)	825 (573–1,193)	107 (80–149)	71 (53–95)
Other nutritional deficiencies	215 (179–282)	–	–	81 (60–112)	36 (27–47)	6 (5–8)	4 (3–5)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Other communicable, maternal, neonatal, and nutritional disorders	23,883 (18,452–29,790)	4,900 (3,089–7,282)	2,133 (1,440–2,911)	5,868 (4,167–7,786)	3,638 (2,371–4,902)	987 (718–1,291)	445 (341–552)
Sexually transmitted diseases excluding HIV	8,873 (5,408–13,896)	4,013 (2,371–6,352)	1,043 (619–1,669)	2,703 (1,607–4,347)	644 (374–1,029)	179 (107–285)	12 (6–24)
Syphilis	8,873 (5,259–13,890)	4,013 (2,332–6,338)	1,043 (593–1,679)	2,703 (1,555–4,309)	644 (366–1,032)	179 (103–285)	12 (6–24)
Sexually transmitted chlamydial diseases	–	–	–	–	–	–	–
Gonococcal infection	–	–	–	–	–	–	–
Other sexually transmitted diseases	–	–	–	–	–	–	–
Hepatitis	5,594 (5,194–6,070)	–	–	790 (558–1,055)	823 (601–1,140)	326 (241–420)	208 (163–267)
Acute hepatitis A	2,649 (1,315–4,712)	–	–	577 (229–1,042)	474 (109–1,000)	123 (37–264)	80 (25–178)
Acute hepatitis B	1,832 (1,005–2,404)	–	–	213 (64–414)	129 (28–257)	46 (12–93)	23 (8–39)
Acute hepatitis C	146 (77–237)	–	–	–	–	4 (1–14)	3 (1–7)
Acute hepatitis E	967 (486–1,680)	–	–	–	219 (101–407)	153 (74–274)	103 (52–177)
Other infectious diseases	9,416 (5,752–11,885)	887 (479–1,452)	1,090 (636–1,618)	2,375 (1,299–3,587)	2,171 (1,080–3,261)	481 (281–776)	224 (124–317)
Non-communicable diseases	357,007 (342,919–373,132)	11,253 (8,966–15,365)	5,478 (4,371–7,001)	18,177 (14,894–23,235)	18,029 (14,390–22,855)	5,533 (4,687–6,888)	4,078 (3,636–4,502)
Neoplasms	82,054 (74,074–90,480)	40 (25–59)	27 (16–42)	434 (317–576)	1,137 (724–1,573)	1,195 (896–1,425)	1,000 (779–1,160)
Esophageal cancer	5.327 (4,029–6,993)	–	–	–	–	–	–
Stomach cancer	11,499 (7,587–16,068)	–	–	–	–	–	–
Liver cancer	9,497 (7,187–10,575)	–	–	–	–	48 (28–74)	49 (24–72)
Liver cancer secondary to hepatitis B	4,768 (3,660–5,354)	–	–	–	–	14 (8–23)	20 (10–31)
Liver cancer secondary to hepatitis C	1,673 (1,274–1,871)	–	–	–	–	1 (1–2)	2 (1–3)
Liver cancer secondary to alcohol use	1,874 (1,434–2,139)	–	–	–	–	–	–
Other liver cancer	1,182 (875–1,368)	–	–	–	–	33 (20–50)	26 (13–39)
Larynx cancer	1,750 (821–3,029)	–	–	–	–	–	–
Trachea, bronchus and lung cancers	17.342 (12,752–22,838)	–	–	–	–	–	–

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Breast cancer	–	–	–	–	–	–	–
Cervical cancer	–	–	–	–	–	–	–
Uterine cancer	–	–	–	–	–	–	–
Prostate cancer	2.187 (1,254–3,354)	–	–	–	–	–	–
Colon and rectum cancers	5,455 (4,522–5,785)	–	–	–	–	–	–
Mouth cancer	1.374 (1,145–1,463)	–	–	–	–	–	–
Nasopharynx cancer	989 (587–1,421)	–	–	–	–	13 (6–24)	23 (12–41)
Cancer of other part of pharynx and oropharynx	1.423 (716–1,950)	–	–	–	–	–	–
Gallbladder and biliary tract cancer	789 (456–1,078)	–	–	–	–	–	–
Pancreatic cancer	2.399 (1,671–3,257)	–	–	–	–	–	–
Malignant melanoma of skin	460 (231–767)	–	–	–	–	–	–
Non-melanoma skin cancer	246 (114–444)	–	–	–	–	–	–
Ovarian cancer	–	–	–	–	–	–	–
Testicular cancer	274 (166–358)	–	–	–	–	–	–
Kidney and other urinary organ cancers	1,290 (843–1,797)	–	–	24 (8–43)	72 (30–121)	37 (18–70)	15 (5–42)
Bladder cancer	1.708 (1,232–2,163)	–	–	–	–	–	–
Brain and nervous system cancers	2,602 (1,364–3,891)	–	–	–	110 (35–343)	197 (95–295)	130 (66–195)
Thyroid cancer	220 (144–291)	–	–	–	–	–	6 (2–16)
Hodgkin's disease	454 (233–686)	5 (2–10)	4 (1–10)	7 (3–15)	20 (7–40)	34 (16–60)	23 (11–38)
Non-Hodgkin's lymphoma	2,725 (2,095–3,146)	–	–	28 (14–56)	177 (84–337)	190 (101–317)	157 (90–249)
Multiple myeloma	533 (302–864)	–	–	–	–	–	–
Leukemia	4,961 (3,491–6,068)	–	–	207 (143–298)	493 (304–660)	485 (332–623)	398 (282–513)
Other neoplasms	6,550 (4,146–9,174)	34 (20–53)	24 (13–37)	168 (98–265)	265 (130–466)	190 (113–291)	199 (112–294)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Cardiovascular and circulatory diseases	123,626 (121,954–125,228)	568 (478–685)	484 (403–581)	2,150 (1,814–2,587)	2,036 (1,750–2,387)	786 (689–897)	778 (704–864)
Rheumatic heart disease	5,973 (5,115–7,304)	–	–	–	181 (80–349)	115 (78–179)	166 (123–231)
Ischemic heart disease	56,305 (52,643–62,551)	–	–	452 (283–663)	438 (273–579)	171 (129–212)	174 (128–209)
Cerebrovascular disease	42,668 (39,580–48,873)	244 (162–341)	203 (138–281)	665 (453–923)	569 (417–761)	253 (193–337)	232 (187–286)
Ischemic stroke	14,477 (12,464–18,234)	–	–	128 (89–186)	106 (75–133)	42 (31–57)	31 (24–44)
Hemorrhagic and other non-ischemic stroke	28,190 (22,588–35,291)	244 (154–399)	203 (130–353)	537 (338–836)	464 (292–689)	212 (144–305)	201 (145–265)
Hypertensive heart disease	5,018 (4,375–6,197)	–	–	56 (31–76)	53 (28–75)	25 (17–33)	20 (14–27)
Cardiomyopathy and myocarditis	5,519 (4,419–6,592)	137 (58–221)	147 (56–233)	399 (146–634)	434 (109–706)	112 (52–170)	95 (55–138)
Atrial fibrillation and flutter	175 (111–261)	–	–	–	–	–	–
Aortic aneurysm	1,465 (943–2,231)	–	–	–	–	–	–
Peripheral vascular disease	132 (58–256)	–	–	–	–	–	–
Endocarditis	779 (594–1,003)	18 (12–27)	21 (15–30)	109 (80–157)	85 (61–118)	20 (14–28)	16 (12–22)
Other cardiovascular and circulatory diseases	5,592 (5,079–6,127)	170 (114–244)	112 (67–179)	470 (269–747)	275 (121–512)	91 (62–130)	74 (58–95)
Chronic respiratory diseases	47,690 (46,172–49,297)	397 (301–565)	537 (410–741)	2,874 (2,382–3,426)	2,813 (2,403–3,281)	418 (351–498)	293 (252–336)
Chronic obstructive pulmonary disease	32,320 (28,000–37,028)	–	–	1,374 (914–1,930)	867 (593–1,161)	127 (90–173)	81 (57–110)
Pneumoconiosis	2,353 (774–4,805)	–	–	–	101 (17–280)	19 (5–46)	11 (3–27)
Asthma	6,092 (3,080–11,366)	–	–	–	920 (184–2,382)	165 (47–400)	133 (48–287)
Other interstitial lung disease	931 (540–1,485)	–	–	–	65 (10–183)	10 (4–26)	6 (3–12)
Other chronic respiratory diseases	5,995 (3,455–9,079)	397 (225–643)	537 (262–851)	1,499 (586–2,630)	861 (234–1,474)	97 (45–170)	61 (35–111)
Cirrhosis of the liver	16,115 (12,601–19,238)	–	–	–	722 (511–1,008)	146 (109–196)	119 (85–159)
Cirrhosis of the liver secondary to hepatitis B	4,599 (3,438–5,567)	–	–	–	49 (36–73)	26 (19–36)	30 (21–41)
Cirrhosis of the liver secondary to hepatitis C	3,207 (2,459–3,974)	–	–	–	21 (15–30)	12 (9–17)	15 (11–20)
Cirrhosis of the liver secondary to alcohol use	5,247 (4,056–6,509)	–	–	–	–	–	–

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Other cirrhosis of the liver	3,063 (2,363–3,885)	–	–	–	652 (482–983)	107 (82–149)	74 (55–100)
Digestive diseases (except cirrhosis)	16,765 (13,749–19,501)	–	–	–	2,934 (2,279–3,778)	446 (350–557)	310 (230–385)
Peptic ulcer disease	6,028 (4,606–6,579)	–	–	–	520 (356–751)	121 (84–161)	94 (64–117)
Gastritis and duodenitis	251 (151–369)	–	–	–	45 (11–103)	5 (2–9)	4 (2–7)
Appendicitis	1,037 (494–1,990)	–	–	–	427 (100–1,051)	70 (35–146)	47 (24–87)
Paralytic ileus and intestinal obstruction without hernia	2,244 (1,099–3,228)	–	–	–	704 (225–1,512)	85 (37–134)	55 (26–88)
Inguinal or femoral hernia	353 (345–363)	–	–	–	101 (94–111)	17 (16–17)	8 (7–8)
Noninfective inflammatory bowel disease	553 (266–900)	–	–	–	259 (53–578)	20 (7–42)	10 (5–19)
Vascular disorders of intestine	468 (95–1,354)	–	–	–	20 (3–61)	7 (1–18)	6 (1–17)
Gall bladder and bile duct disease	854 (637–1,218)	–	–	–	146 (37–351)	25 (13–46)	13 (7–27)
Pancreatitis	1,044 (691–1,464)	–	–	–	42 (11–96)	11 (5–18)	8 (5–12)
Other digestive diseases	3,934 (2,688–4,688)	–	–	–	670 (342–1,237)	84 (48–137)	65 (36–106)
Neurological disorders	10,233 (7,270–13,705)	–	–	706 (438–1,371)	1,243 (558–2,901)	558 (349–890)	487 (320–725)
Alzheimer's disease and other dementias	820 (558–958)	–	–	–	–	69 (21–120)	31 (14–49)
Parkinson's disease	393 (261–579)	–	–	–	–	–	–
Epilepsy	3,865 (2,387–5,996)	–	–	286 (120–623)	806 (243–2,206)	249 (135–444)	212 (140–311)
Multiple sclerosis	232 (148–291)	–	–	–	–	–	–
Other neurological disorders	4,923 (2,741–7,483)	–	–	420 (238–941)	437 (234–1,124)	240 (123–464)	244 (126–458)
Mental and behavioral disorders	3,796 (2,356–5,761)	10 (3–26)	12 (3–26)	33 (11–91)	100 (34–198)	32 (14–65)	21 (9–40)
Schizophrenia	391 (197–528)	–	–	–	–	–	–
Alcohol use disorders	2,162 (977–3,545)	–	–	–	–	–	–
Drug use disorders	927 (441–2,111)	10 (3–26)	12 (3–26)	33 (11–91)	67 (15–157)	20 (6–56)	12 (4–32)
Opioid use disorders	321 (147–732)	3 (1–8)	4 (1–8)	11 (3–29)	22 (5–51)	6 (2–18)	4 (1–10)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Cocaine use disorders	41 (19–105)	<0·5 (0–1)	<0·5 (0–1)	1 (0–4)	3 (1–7)	1 (0–2)	1 (0–2)
Amphetamine use disorders	11 (4–19)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–1)	1 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)
Other drug use disorders	555 (264–1,343)	7 (2–16)	7 (2–16)	21 (7–57)	42 (10–100)	12 (4–35)	7 (3–20)
Eating disorders	94 (30–154)	–	–	–	–	5 (1–9)	3 (1–7)
Other mental and behavioral disorders	222 (77–328)	–	–	–	32 (8–62)	7 (2–12)	6 (2–11)
Diabetes, urogenital, blood, and endocrine diseases	23,921 (20,298–33,065)	358 (172–767)	253 (140–340)	2,272 (1,451–4,026)	2,843 (1,380–5,751)	1,038 (593–2,443)	600 (442–983)
Diabetes mellitus	7,203 (6,059–8,484)	46 (28–66)	33 (19–47)	246 (123–390)	198 (97–285)	65 (44–89)	57 (39–76)
Acute glomerulonephritis	4,348 (1,277–13,892)	–	–	572 (111–2,173)	981 (106–3,670)	476 (85–1,903)	163 (37–557)
Chronic kidney diseases	6,280 (5,257–7,085)	–	–	469 (226–823)	540 (288–830)	172 (104–275)	141 (90–225)
Chronic kidney disease due to diabetes mellitus	1,019 (918–1,258)	–	–	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Chronic kidney disease due to hypertension	1,313 (1,125–1,488)	–	–	59 (28–108)	70 (37–109)	24 (14–39)	22 (14–36)
Chronic kidney disease unspecified	3,949 (3,169–4,500)	–	–	410 (198–719)	470 (253–726)	148 (89–235)	119 (76–188)
Urinary diseases and male infertility	1,928 (978–2,625)	41 (15–81)	56 (19–103)	270 (95–579)	206 (66–381)	34 (16–52)	25 (11–35)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	948 (530–1,399)	17 (5–33)	22 (7–44)	120 (41–244)	87 (29–168)	13 (6–20)	11 (6–17)
Urolithiasis	229 (132–436)	–	–	–	–	9 (3–21)	5 (2–12)
Other urinary diseases	751 (316–1,184)	24 (6–58)	33 (8–72)	150 (29–418)	119 (26–248)	13 (5–22)	9 (3–14)
Gynecological diseases	–	–	–	–	–	–	–
Uterine fibroids	–	–	–	–	–	–	–
Endometriosis	–	–	–	–	–	–	–
Genital prolapse	–	–	–	–	–	–	–
Other gynecological diseases	–	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	2,835 (1,317–4,288)	206 (58–597)	113 (46–175)	465 (162–764)	739 (168–1,398)	232 (96–405)	170 (89–293)
Thalassemias	779 (535–1,160)	3 (2–6)	8 (4–12)	66 (28–113)	179 (57–312)	96 (45–161)	80 (44–132)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Sickle cell disorders	779 (437–1,429)	8 (5–13)	19 (10–33)	143 (70–262)	318 (85–682)	84 (49–154)	48 (31–82)
G6PD deficiency	124 (85–180)	<0·5 (0–1)	1 (0–2)	11 (5–23)	32 (11–62)	18 (9–33)	12 (7–20)
Other hemoglobinopathies and hemolytic anemias	1,153 (613–2,019)	194 (72–566)	85 (46–142)	245 (84–459)	211 (21–550)	34 (6–97)	29 (8–74)
Other endocrine, nutritional, blood, and immune disorders	1,326 (484–2,110)	65 (20–112)	52 (15–81)	250 (80–390)	178 (47–412)	59 (19–89)	45 (15–66)
Musculoskeletal disorders	671 (331–996)	–	–	–	–	27 (11–45)	26 (12–39)
Rheumatoid arthritis	343 (179–498)	–	–	–	–	14 (6–30)	10 (5–18)
Other musculoskeletal disorders	328 (169–498)	–	–	–	–	13 (5–27)	15 (7–25)
Other non-communicable diseases	32,135 (25,187–44,068)	9,880 (7,721–14,114)	4,165 (3,133–5,786)	9,708 (7,136–14,270)	4,203 (2,748–6,633)	887 (629–1,387)	445 (329–611)
Congenital anomalies	28,609 (22,091–40,900)	9,880 (7,721–14,114)	3,787 (2,914–5,451)	8,116 (5,759–12,484)	3,819 (2,435–6,201)	810 (567–1,296)	393 (284–557)
Neural tube defects	5,320 (2,836–8,060)	2,881 (1,471–4,610)	676 (334–1,125)	1,015 (455–1,868)	443 (175–900)	114 (41–276)	47 (20–103)
Congenital heart anomalies	12,083 (9,848–16,971)	3,584 (2,924–4,749)	1,657 (1,223–2,586)	3,422 (2,490–5,287)	1,809 (1,242–3,104)	391 (269–618)	216 (147–298)
Cleft lip and cleft palate	578 (190–1,248)	153 (55–323)	119 (34–280)	222 (65–598)	84 (21–252)	–	–
Down's syndrome	750 (286–1,578)	140 (49–292)	78 (24–167)	229 (76–540)	165 (41–451)	28 (9–66)	15 (6–30)
Other chromosomal abnormalities	1,332 (417–3,314)	543 (171–1,531)	249 (70–681)	356 (91–1,099)	105 (22–342)	25 (7–74)	12 (4–31)
Other congenital anomalies	8,545 (4,483–14,042)	2,579 (1,434–4,388)	1,008 (469–1,747)	2,872 (1,331–5,439)	1,213 (454–2,536)	251 (115–508)	103 (53–174)
Skin and subcutaneous diseases	2,093 (1,355–2,697)	–	–	537 (247–855)	384 (103–586)	77 (44–112)	52 (30–77)
Cellulitis	602 (392–760)	–	–	108 (49–172)	124 (33–189)	32 (18–46)	21 (12–31)
Abscess, impetigo, and other bacterial skin diseases	1,150 (682–1,540)	–	–	428 (195–684)	250 (67–381)	39 (23–56)	26 (15–38)
Decubitus ulcer	334 (226–414)	–	–	–	8 (2–12)	6 (3–8)	5 (3–7)
Other skin and subcutaneous diseases	7* (2–4)	–	–	1 (0–1)	1 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)
Sudden infant death syndrome	1,434 (624–2,915)	–	378 (108–949)	1,056 (504–2,317)	–	–	–
Injuries	141,863 (129,855–159,896)	1,040 (856–1,276)	997 (803–1,206)	7,108 (5,619–8,455)	21,068 (14,408–26,433)	7,576 (6,502–8,815)	5,700 (5,122–6,449)
Transport injuries	36,470 (28,529–48,669)	56 (30–80)	67 (32–108)	603 (349–862)	3,573 (2,282–5,572)	2,093 (1,555–2,716)	1,480 (1,119–1,897)

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Cause	Males, All Ages	Males, 0-6 Days	Males, 7-27 Days	Males, 28-364 Days	Males, 1-4 Years	Males, 5-9 Years	Males, 10-14 Years
Road injury	34,548 (27,764–45,859)	46 (25–70)	47 (25–80)	555 (304–860)	3,314 (1,865–5,426)	1,990 (1,478–2,691)	1,396 (1,085–1,854)
Pedestrian injury by road vehicle	11,538 (8,063–14,676)	11 (6–25)	7 (3–16)	135 (50–280)	1,580 (558–2,958)	881 (602–1,252)	544 (375–740)
Pedal cycle vehicle	2,024 (1,431–2,479)	–	–	–	155 (42–265)	173 (77–273)	160 (98–246)
Motorized vehicle with two wheels	5,558 (4,107–7,012)	4 (2–7)	5 (2–9)	48 (21–83)	292 (99–497)	183 (96–314)	149 (95–218)
Motorized vehicle with three or more wheels	12,437 (9,482–16,286)	22 (9–43)	29 (9–66)	297 (108–594)	990 (342–1,759)	567 (312–832)	410 (264–560)
Road injury other	2,992 (1,102–6,495)	9 (2–26)	6 (1–20)	74 (16–212)	298 (44–932)	185 (44–467)	132 (40–293)
Other transport injury	1,922 (1,514–2,596)	9 (5–19)	20 (8–44)	48 (18–80)	259 (53–376)	103 (49–192)	84 (58–148)
Unintentional injuries other than transport injuries	69,702 (62,597–80,340)	753 (592–956)	799 (627–1,009)	6,059 (4,761–7,279)	16,740 (11,278–21,007)	5,175 (4,410–6,155)	3,365 (2,938–3,876)
Falls	8,549 (7,037–11,075)	51 (34–72)	55 (31–92)	552 (323–943)	1,480 (723–2,308)	457 (315–600)	337 (238–451)
Drowning	19,024 (13,536–23,725)	55 (36–95)	25 (12–37)	539 (317–771)	7,499 (3,885–10,159)	2,386 (1,634–2,908)	1,384 (1,105–1,772)
Fire, heat and hot substances	7,452 (5,189–9,471)	37 (25–57)	71 (43–101)	707 (364–1,083)	2,779 (1,385–4,161)	489 (340–642)	213 (152–279)
Poisonings	6,960 (4,869–12,833)	54 (31–113)	89 (40–209)	384 (203–791)	1,394 (604–2,799)	284 (167–584)	207 (133–391)
Exposure to mechanical forces	10,027 (6,563–15,832)	34 (17–75)	36 (14–78)	227 (80–490)	1,246 (478–2,883)	631 (337–1,410)	512 (286–855)
Mechanical forces (firearm)	4,589 (2,745–6,098)	21 (10–42)	19 (7–36)	104 (41–216)	536 (159–1,296)	312 (128–767)	287 (143–499)
Mechanical forces (other)	5,438 (3,671–7,421)	13 (8–29)	17 (7–41)	123 (49–223)	710 (261–1,427)	319 (156–691)	225 (124–407)
Adverse effects of medical treatment	1,210 (892–1,498)	65 (43–101)	75 (41–121)	223 (112–362)	228 (79–378)	43 (29–59)	28 (22–38)
Animal contact	2,144 (1,179–3,057)	59 (20–171)	54 (24–109)	147 (66–301)	344 (150–890)	296 (132–480)	198 (92–306)
Animal contact (venomous)	1,651 (707–3,329)	29 (7–97)	32 (9–82)	121 (41–305)	268 (92–789)	247 (78–510)	160 (54–300)
Animal contact (non-venomous)	493 (232–745)	30 (9–107)	23 (6–52)	26 (9–59)	75 (19–188)	49 (17–95)	38 (17–69)
Unintentional injuries not classified elsewhere	14,336 (11,868–15,772)	399 (275–567)	393 (287–566)	3,281 (2,467–4,358)	1,770 (1,412–2,232)	590 (464–751)	486 (374–607)
Self-harm and interpersonal violence	32,617 (26,281–38,635)	126 (58–189)	53 (18–97)	218 (118–332)	475 (244–728)	235 (156–317)	611 (469–845)
Self-harm	17,951 (13,158–24,308)	–	–	–	–	52 (34–90)	343 (249–549)
Interpersonal violence	14,666 (9,743–18,849)	126 (58–189)	53 (18–97)	218 (118–332)	475 (244–728)	183 (106–253)	268 (166–372)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Males, All Ages**	**Males, 0-6 Days**	**Males, 7-27 Days**	**Males, 28-364 Days**	**Males, 1-4 Years**	**Males, 5-9 Years**	**Males, 10-14 Years**
Assault by firearm	6,743 (5,073–8,531)	22 (8–37)	9 (4–14)	52 (22–84)	121 (40–205)	59 (31–89)	121 (75–172)
Assault by sharp object	3,617 (2,174–5,496)	10 (5–24)	3 (1–7)	23 (11–49)	52 (15–127)	23 (10–45)	43 (23–75)
Assault by other means	4,307 (2,921–5,084)	94 (50–172)	41 (15–85)	143 (83–257)	302 (134–546)	100 (65–147)	104 (69–136)
Forces of nature, war, and legal intervention	3,073 (1,965–6,083)	106 (79–139)	77 (59–99)	228 (184–292)	281 (215–373)	73 (59–94)	244 (131–577)
Exposure to forces of nature	957 (542–2,026)	31 (19–45)	22 (16–30)	79 (59–108)	56 (35–86)	21 (16–28)	75 (32–197)
Collective violence and legal intervention	2,116 (1,393–3,905)	76 (57–99)	55 (42–71)	149 (121–188)	225 (174–297)	52 (43–66)	169 (93–375)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
All causes	27,375 (25,835–29,268)	34,812 (32,828–37,212)	32,077 (30,429–34,154)	31,077 (29,432–33,083)	32,685 (30,561–35,226)	31,362 (29,360–33,555)	33,229 (31,147–35,755)
Communicable, maternal, neonatal, and nutritional disorders	7,005 (6,091–7,954)	8,172 (7,257–9,212)	8,612 (7,730–9,746)	8,766 (7,890–10,050)	8,719 (7,733–10,030)	7,437 (6,514–8,640)	7,191 (6,156–8,489)
HIV/AIDS and tuberculosis	1,059 (806–1,366)	2,337 (1,927–2,909)	3,605 (3,032–4,415)	4,179 (3,541–5,187)	4,389 (3,568–5,379)	3,623 (2,927–4,445)	3,442 (2,659–4,345)
Tuberculosis	947 (700–1,257)	1,774 (1,378–2,275)	2,307 (1,809–2,963)	2,642 (2,101–3,454)	2,956 (2,222–3,794)	2,595 (1,952–3,354)	2,735 (2,002–3,503)
HIV/AIDS	112 (76–175)	563 (405–801)	1,299 (996–1,694)	1,537 (1,205–1,998)	1,433 (1,116–1,849)	1,028 (779–1,357)	706 (478–977)
HIV disease resulting in mycobacterial infection	20 (13–34)	104 (71–154)	220 (161–297)	244 (175–332)	226 (166–304)	159 (109–224)	111 (67–164)
HIV disease resulting in other specified or unspecified diseases	92 (62–143)	459 (321–651)	1,079 (830–1,424)	1,293 (1,013–1,666)	1,207 (936–1,535)	869 (663–1,144)	595 (411–819)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	3,458 (2,741–4,242)	3,211 (2,563–3,879)	2,824 (2,325–3,430)	2,637 (2,172–3,180)	2,482 (2,097–3,010)	2,171 (1,829–2,637)	2,151 (1,812–2,635)
Diarrheal diseases	975 (671–1,452)	984 (693–1,449)	964 (712–1,321)	930 (695–1,251)	897 (676–1,253)	754 (542–1,052)	743 (537–1,065)
Cholera	39 (22–70)	39 (23–69)	38 (24–63)	37 (22–55)	35 (22–57)	28 (17–47)	23 (14–38)
Other salmonella infections	116 (70–191)	109 (68–173)	100 (65–153)	89 (57–129)	78 (50–121)	60 (37–98)	55 (35–89)
Shigellosis	126 (74–212)	120 (75–198)	110 (70–170)	97 (62–144)	84 (53–128)	66 (40–106)	67 (41–104)
Enteropathogenic E coli infection	21 (12–35)	18 (11–31)	15 (9–25)	12 (7–18)	9 (5–16)	6 (3–12)	7 (4–13)
Enterotoxigenic E coli infection	87 (52–147)	95 (61–158)	101 (64–155)	105 (67–156)	110 (68–170)	96 (62–154)	93 (59–142)
Campylobacter enteritis	57 (33–102)	56 (35–97)	53 (34–86)	50 (32–75)	46 (29–73)	38 (23–64)	38 (23–61)
Amoebiasis	33 (19–54)	38 (24–60)	43 (28–67)	46 (30–66)	49 (31–74)	45 (28–71)	46 (29–71)
Cryptosporidiosis	24 (14–40)	24 (15–40)	22 (15–35)	21 (13–31)	19 (12–30)	15 (9–24)	15 (9–23)
Rotaviral enteritis	94 (57–156)	89 (56–148)	82 (53–126)	73 (48–105)	64 (41–97)	52 (33–82)	56 (37–87)
Other diarrheal diseases	379 (208–649)	396 (214–670)	400 (233–646)	402 (235–644)	403 (240–649)	345 (202–557)	344 (197–571)
Typhoid and paratyphoid fevers	558 (67–1,045)	462 (54–870)	336 (40–638)	242 (29–459)	170 (21–319)	106 (13–203)	73 (9–139)
Lower respiratory infections	970 (698–1,156)	1,005 (719–1,206)	952 (682–1,154)	988 (714–1,183)	997 (755–1,204)	934 (685–1,156)	1,025 (782–1,279)
Influenza	194 (139–237)	211 (151–255)	208 (147–251)	226 (162–272)	238 (181–290)	226 (165–282)	240 (183–302)
Pneumococcal pneumonia	175 (125–211)	202 (144–244)	212 (151–255)	242 (174–293)	265 (201–324)	263 (192–328)	289 (221–362)
H influenzae type B pneumonia	183 (130–223)	184 (132–226)	167 (119–204)	170 (125–208)	170 (131–212)	154 (114–197)	155 (119–197)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Respiratory syncytial virus pneumonia	10 (7–12)	10 (7–12)	10 (7–12)	10 (7–12)	10 (8–12)	9 (7–12)	10 (8–13)
Other lower respiratory infections	408 (292–502)	398 (281–483)	355 (251–434)	340 (247–415)	313 (236–392)	282 (204–351)	330 (246–408)
Upper respiratory infections	1 (1–1)	1 (1–1)	1 (1–2)	1 (1–2)	1 (1–1)	1 (1–1)	1 (1–1)
Otitis media	4 (0–51)	3 (0–32)	2 (0–26)	2 (0–28)	2 (0–24)	2 (0–20)	2 (0–23)
Meningitis	486 (393–613)	438 (327–576)	341 (255–446)	279 (212–373)	248 (194–340)	221 (167–302)	176 (136–240)
Pneumococcal meningitis	163 (129–212)	155 (117–205)	125 (94–171)	101 (75–142)	87 (65–123)	76 (57–108)	59 (43–84)
H influenzae type B meningitis	73 (57–95)	35 (26–47)	13 (10–18)	12 (9–18)	12 (9–17)	12 (9–17)	10 (7–15)
Meningococcal infection	109 (88–137)	98 (71–126)	78 (57–100)	59 (45–76)	51 (40–68)	44 (33–58)	34 (27–46)
Other meningitis	141 (114–177)	150 (108–195)	125 (92–164)	106 (79–141)	98 (77–131)	89 (65–119)	72 (57–96)
Encephalitis	145 (89–234)	133 (81–228)	107 (65–189)	94 (55–167)	76 (41–133)	76 (43–133)	53 (28–93)
Diphtheria	2 (0–17)	1 (0–10)	1 (0–8)	1 (0–6)	1 (0–6)	1 (0–4)	1 (0–6)
Whooping cough	7 (0–37)	6 (0–28)	5 (0–26)	5 (0–23)	4 (0–19)	4 (0–20)	4 (0–18)
Tetanus	70 (0–328)	67 (0–316)	60 (0–277)	63 (0–289)	66 (0–304)	59 (0–279)	65 (0–298)
Measles	230 (65–580)	104 (30–265)	45 (13–112)	23 (7–58)	13 (4–33)	9 (3–23)	6 (2–14)
Varicella	7 (0–48)	7 (0–47)	8 (0–52)	9 (0–61)	7 (0–44)	4 (0–26)	3 (0–22)
Neglected tropical diseases and malaria	1,538 (1,118–2,129)	1,597 (1,164–2,190)	1,290 (949–1,852)	1,056 (738–1,727)	950 (695–1,476)	820 (588–1,295)	752 (531–1,270)
Malaria	952 (606–1,487)	1,039 (665–1,610)	830 (542–1,382)	675 (390–1,345)	618 (381–1,149)	549 (349–1,018)	528 (334–1,031)
Chagas disease	2 (0–10)	3 (0–10)	6 (1–19)	10 (2–31)	14 (2–38)	17 (3–47)	19 (3–52)
Leishmaniasis	294 (146–539)	240 (130–412)	176 (93–299)	141 (73–245)	127 (66–221)	96 (50–167)	76 (40–136)
African trypanosomiasis	138 (42–296)	153 (46–332)	140 (45–311)	111 (34–256)	79 (23–177)	55 (16–122)	35 (9–76)
Schistosomiasis	6 (0–34)	8 (0–46)	8 (0–45)	8 (0–44)	10 (0–60)	11 (0–63)	12 (0–72)
Cysticercosis	1 (0–4)	2 (0–6)	2 (0–8)	2 (0–7)	2 (0–6)	1 (0–5)	1 (0–4)
Echinococcosis	1 (0–6)	2 (0–7)	2 (0–8)	2 (0–9)	3 (0–9)	2 (0–9)	2 (0–9)
Dengue	20 (5–45)	15 (3–39)	14 (3–32)	14 (2–41)	9 (2–23)	6 (2–16)	6 (1–15)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Rabies	94 (44–189)	97 (41–206)	79 (36–176)	64 (29–141)	57 (25–127)	56 (26–125)	47 (23–99)
Intestinal nematode infections	2 (0–9)	1 (0–6)	1 (0–4)	1 (0–4)	1 (0–3)	1 (0–2)	<0·5 (0–2)
Ascariasis	2 (0–9)	1 (0–6)	1 (0–4)	1 (0–4)	1 (0–3)	1 (0–2)	<0·5 (0–2)
Other neglected tropical diseases	28 (10–49)	37 (14–67)	33 (12–61)	27 (12–52)	30 (13–55)	26 (10–50)	25 (9–49)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	432 (297–675)	447 (307–702)	369 (275–521)	351 (241–532)	356 (246–541)	321 (216–511)	322 (214–516)
Protein-energy malnutrition	338 (205–549)	351 (216–597)	292 (197–446)	282 (177–467)	293 (175–481)	266 (156–455)	269 (160–455)
Iodine deficiency	3 (2–4)	4 (3–6)	3 (2–4)	2 (1–3)	2 (1–2)	1 (1–2)	1 (1–2)
Iron-deficiency anemia	86 (58–114)	86 (59–116)	69 (51–89)	61 (41–81)	56 (36–73)	47 (29–62)	45 (30–59)
Other nutritional deficiencies	5 (4–7)	5 (4–7)	5 (4–6)	5 (4–6)	6 (4–7)	6 (5–8)	7 (5–8)
Other communicable, maternal, neonatal, and nutritional disorders	518 (409–643)	580 (476–694)	523 (420–623)	544 (420–664)	541 (425–690)	503 (410–597)	525 (422–656)
Sexually transmitted diseases excluding HIV	21 (11–40)	27 (13–45)	24 (13–42)	27 (14–49)	28 (12–49)	26 (10–47)	19 (8–34)
Syphilis	21 (10–39)	27 (13–45)	24 (12–39)	27 (13–48)	28 (12–49)	26 (10–47)	19 (8–33)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Sexually transmitted chlamydial diseases	–	–	–	–	–	–	–
Gonococcal infection	–	–	–	–	–	–	–
Other sexually transmitted diseases	–	–	–	–	–	–	–
Hepatitis	276 (215–350)	343 (273–433)	308 (251–377)	315 (250–406)	322 (252–409)	325 (261–398)	345 (265–447)
Acute hepatitis A	83 (19–228)	113 (27–300)	109 (29–262)	122 (31–297)	122 (35–284)	130 (42–288)	138 (39–331)
Acute hepatitis B	51 (20–84)	85 (38–139)	102 (45–168)	120 (56–187)	150 (83–232)	164 (84–245)	185 (95–280)
Acute hepatitis C	3 (1–6)	5 (3–8)	8 (4–16)	10 (5–20)	13 (7–25)	16 (7–34)	18 (8–33)
Acute hepatitis E	138 (70–241)	140 (64–252)	90 (40–158)	62 (28–117)	37 (15–71)	15 (4–33)	4 (1–12)
Other infectious diseases	220 (121–324)	210 (117–279)	191 (108–266)	202 (110–280)	191 (103–289)	153 (85–220)	160 (88–238)
Non-communicable diseases	6,603 (6,016–7,222)	8,206 (7,563–8,954)	8,470 (7,871–9,064)	10,368 (9,620–11,043)	13,858 (12,920–14,744)	16,593 (15,401–17,686)	20,382 (19,033–21,644)
Neoplasms	1,620 (1,303–1,858)	1,801 (1,493–2,034)	1,869 (1,538–2,093)	2,475 (2,057–2,751)	3,596 (3,051–4,047)	4,621 (3,972–5,168)	6,055 (5,241–6,775)
Esophageal cancer	7 (4–10)	21 (14–29)	33 (18–48)	60 (30–86)	138 (75–195)	268 (168–400)	446 (291–628)
Stomach cancer	74 (25–142)	123 (54–204)	180 (92–246)	308 (170–392)	485 (287–642)	656 (417–869)	883 (563–1,254)
Liver cancer	91 (51–133)	178 (89–260)	284 (154–383)	488 (266–643)	826 (497–1,068)	939 (585–1,187)	1,086 (689–1,348)
Liver cancer secondary to hepatitis B	45 (25–68)	89 (42–132)	143 (74–196)	248 (132–340)	426 (249–551)	488 (301–634)	567 (349–709)
Liver cancer secondary to hepatitis C	4 (2–6)	7 (4–11)	12 (7–16)	20 (11–26)	47 (28–61)	91 (58–112)	148 (96–183)
Liver cancer secondary to alcohol use	5 (3–7)	24 (13–36)	54 (29–74)	112 (61–148)	196 (116–260)	209 (132–269)	227 (146–287)
Other liver cancer	38 (22–56)	57 (29–84)	74 (41–101)	108 (62–143)	157 (96–208)	151 (97–195)	144 (95–182)
Larynx cancer	4 (1–8)	7 (2–12)	6 (2–12)	16 (6–28)	39 (16–68)	95 (41–160)	160 (70–283)
Trachea, bronchus and lung cancers	42 (23–56)	79 (48–103)	113 (69–149)	205 (133–271)	409 (273–553)	728 (498–959)	1,165 (785–1,556)
Breast cancer	–	–	–	–	–	–	–
Cervical cancer	–	–	–	–	–	–	–
Uterine cancer	–	–	–	–	–	–	–
Prostate cancer	5 (2–10)	6 (3–11)	5 (2–7)	5 (2–9)	6 (3–10)	11 (5–17)	21 (11–33)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990

Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Colon and rectum cancers	39 (25–48)	89 (58–108)	128 (85–151)	189 (126–221)	242 (174–275)	285 (215–312)	371 (298–408)
Mouth cancer	13 (8–17)	16 (9–21)	23 (17–29)	39 (29–48)	71 (53–85)	107 (85–123)	159 (128–182)
Nasopharynx cancer	25 (14–40)	35 (16–59)	40 (21–62)	50 (23–81)	87 (41–137)	115 (57–183)	128 (64–208)
Cancer of other part of pharynx and oropharynx	14 (6–22)	21 (7–35)	29 (10–47)	40 (15–64)	59 (26–88)	93 (49–130)	130 (66–173)
Gallbladder and biliary tract cancer	8 (2–22)	15 (3–52)	15 (2–53)	20 (5–70)	33 (14–74)	35 (17–60)	46 (24–71)
Pancreatic cancer	12 (4–29)	17 (6–38)	22 (10–39)	41 (22–58)	76 (46–104)	122 (79–158)	180 (119–250)
Malignant melanoma of skin	8 (3–13)	14 (6–21)	19 (8–31)	30 (14–50)	39 (19–63)	45 (21–73)	44 (21–69)
Non-melanoma skin cancer	5 (2–10)	6 (2–10)	9 (3–16)	11 (4–18)	13 (5–23)	15 (6–27)	17 (8–32)
Ovarian cancer	–	–	–	–	–	–	–
Testicular cancer	22 (13–32)	46 (27–65)	48 (29–70)	43 (24–58)	32 (18–44)	20 (12–28)	15 (8–20)
Kidney and other urinary organ cancers	18 (5–50)	16 (6–35)	13 (6–29)	17 (9–27)	34 (19–52)	55 (33–77)	90 (53–128)
Bladder cancer	8 (5–11)	12 (7–17)	13 (8–17)	23 (13–30)	33 (20–41)	52 (31–64)	75 (50–90)
Brain and nervous system cancers	116 (55–188)	114 (49–163)	121 (60–181)	156 (75–214)	193 (95–289)	192 (93–286)	200 (102–319)
Thyroid cancer	6 (2–12)	8 (4–15)	6 (3–9)	8 (5–14)	10 (6–16)	13 (8–20)	17 (10–25)
Hodgkin's disease	28 (14–46)	37 (19–60)	40 (20–66)	42 (21–67)	34 (17–55)	28 (13–42)	28 (13–44)
Non-Hodgkin's lymphoma	177 (110–248)	160 (106–212)	132 (86–168)	132 (91–164)	130 (94–156)	139 (101–166)	155 (118–182)
Multiple myeloma	12 (3–34)	9 (3–21)	8 (3–18)	8 (4–15)	12 (6–22)	23 (12–39)	31 (17–52)
Leukemia	517 (356–642)	434 (288–557)	310 (216–374)	263 (173–314)	248 (165–304)	215 (138–252)	186 (123–217)
Other neoplasms	371 (208–553)	337 (194–472)	271 (158–382)	280 (152–406)	347 (187–501)	372 (214–547)	425 (240–605)
Cardiovascular and circulatory diseases	1,547 (1,437–1,667)	2,260 (2,097–2,436)	2,440 (2,298–2,589)	3,249 (3,076–3,428)	4,465 (4,254–4,678)	5,863 (5,617–6,138)	7,370 (7,036–7,753)
Rheumatic heart disease	305 (231–388)	357 (265–444)	346 (274–454)	369 (291–485)	441 (353–557)	446 (342–575)	494 (385–649)
Ischemic heart disease	457 (354–529)	813 (673–929)	920 (781–1,019)	1,450 (1,234–1,612)	2,103 (1,897–2,428)	2,952 (2,717–3,324)	3,678 (3,409–4,170)
Cerebrovascular disease	386 (324–486)	592 (484–751)	618 (511–759)	818 (692–1,039)	1,133 (999–1,434)	1,537 (1,372–1,922)	2,157 (1,884–2,725)
Ischemic stroke	51 (39–66)	76 (56–102)	81 (62–107)	107 (84–143)	132 (107–180)	216 (178–298)	364 (290–520)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Hemorrhagic and other non-ischemic stroke	336 (240–442)	516 (375–697)	537 (405–692)	712 (552–927)	1,000 (783–1,341)	1,321 (1,035–1,718)	1,792 (1,424–2,368)
Hypertensive heart disease	45 (32–59)	70 (50–91)	78 (58–98)	101 (79–131)	155 (124–203)	221 (178–285)	300 (249–390)
Cardiomyopathy and myocarditis	176 (113–262)	202 (143–283)	218 (155–292)	244 (182–308)	308 (237–379)	376 (282–479)	375 (293–450)
Atrial fibrillation and flutter	–	–	–	2 (1–5)	3 (1–6)	4 (2–7)	5 (3–9)
Aortic aneurysm	16 (7–32)	21 (10–41)	23 (13–41)	30 (17–55)	42 (25–78)	53 (32–90)	70 (41–120)
Peripheral vascular disease	–	–	–	–	–	4 (2–8)	5 (2–11)
Endocarditis	31 (19–51)	47 (27–71)	63 (30–130)	49 (26–85)	57 (30–104)	49 (26–85)	35 (23–51)
Other cardiovascular and circulatory diseases	129 (109–153)	159 (136–185)	173 (152–198)	184 (164–209)	224 (200–252)	222 (202–247)	251 (226–280)
Chronic respiratory diseases	475 (428–529)	607 (548–669)	653 (593–722)	704 (646–767)	1,044 (934–1,166)	1,245 (1,122–1,381)	1,804 (1,584–2,060)
Chronic obstructive pulmonary disease	167 (114–237)	244 (168–325)	250 (167–347)	318 (218–414)	521 (379–685)	718 (532–910)	1,119 (869–1,416)
Pneumoconiosis	21 (6–53)	24 (6–62)	34 (9–77)	45 (13–108)	70 (21–169)	78 (23–179)	113 (30–258)
Asthma	177 (90–327)	203 (99–378)	220 (118–411)	201 (108–382)	261 (127–505)	259 (135–501)	353 (172–728)
Other interstitial lung disease	13 (7–22)	17 (9–27)	20 (10–33)	22 (12–35)	33 (18–54)	37 (22–62)	49 (28–85)
Other chronic respiratory diseases	97 (63–153)	118 (80–193)	129 (90–226)	119 (84–192)	159 (107–278)	153 (97–248)	170 (109–285)
Cirrhosis of the liver	193 (118–250)	363 (225–476)	529 (377–638)	952 (686–1,150)	1,408 (1,041–1,752)	1,703 (1,280–2,027)	1,853 (1,439–2,334)
Cirrhosis of the liver secondary to hepatitis B	56 (32–74)	101 (61–136)	134 (92–170)	225 (152–278)	343 (243–434)	453 (324–552)	540 (393–683)
Cirrhosis of the liver secondary to hepatitis C	26 (16–33)	47 (30–61)	68 (47–85)	120 (83–144)	193 (141–244)	283 (211–345)	356 (266–459)
Cirrhosis of the liver secondary to alcohol use	17 (10–22)	84 (53–108)	174 (122–218)	378 (267–459)	584 (427–738)	665 (505–823)	682 (522–886)
Other cirrhosis of the liver	94 (56–120)	132 (83–169)	154 (109–192)	228 (162–280)	289 (213–361)	302 (226–373)	276 (207–355)
Digestive diseases (except cirrhosis)	544 (400–677)	749 (560–916)	755 (577–915)	884 (690–1,050)	1,052 (819–1,270)	1,029 (799–1,264)	1,106 (869–1,351)
Peptic ulcer disease	222 (151–289)	292 (204–358)	313 (233–385)	364 (260–440)	443 (315–528)	435 (331–522)	490 (358–582)
Gastritis and duodenitis	7 (3–15)	16 (5–40)	11 (6–22)	14 (7–26)	16 (8–28)	16 (9–25)	15 (9–25)
Appendicitis	48 (21–82)	47 (21–77)	40 (18–71)	40 (19–68)	39 (17–68)	34 (16–62)	34 (16–60)
Paralytic ileus and intestinal obstruction without hernia	77 (35–119)	91 (44–138)	82 (40–129)	93 (48–142)	106 (52–171)	102 (50–167)	100 (46–154)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Inguinal or femoral hernia	7 (7–8)	9 (8–9)	9 (8–9)	10 (10–10)	12 (11–12)	12 (11–12)	15 (15–15)
Noninfective inflammatory bowel disease	13 (8–19)	24 (13–43)	22 (14–31)	22 (14–33)	21 (15–31)	19 (14–27)	18 (12–27)
Vascular disorders of intestine	5 (1–14)	7 (1–19)	10 (1–32)	11 (2–31)	11 (2–35)	16 (3–51)	22 (4–71)
Gall bladder and bile duct disease	23 (13–46)	37 (21–73)	30 (19–54)	37 (23–69)	43 (27–74)	42 (28–74)	44 (31–67)
Pancreatitis	25 (14–39)	46 (30–69)	75 (46–114)	103 (65–144)	121 (76–166)	111 (71–159)	96 (63–136)
Other digestive diseases	117 (68–184)	179 (112–277)	163 (102–246)	190 (119–279)	241 (152–358)	242 (141–373)	271 (174–408)
Neurological disorders	785 (518–1,102)	791 (538–1,113)	624 (426–835)	564 (392–829)	555 (397–797)	490 (338–707)	472 (322–684)
Alzheimer's disease and other dementias	29 (14–50)	26 (13–46)	16 (9–27)	20 (12–36)	29 (14–54)	24 (14–39)	29 (16–55)
Parkinson's disease	–	8 (3–16)	6 (3–9)	6 (2–12)	7 (3–13)	8 (3–14)	7 (4–12)
Epilepsy	355 (223–486)	403 (255–537)	329 (205–453)	267 (173–352)	228 (151–316)	179 (120–249)	140 (89–191)
Multiple sclerosis	–	7 (4–11)	17 (9–29)	19 (10–33)	32 (19–58)	28 (16–42)	27 (16–42)
Other neurological disorders	402 (201–727)	347 (173–635)	256 (135–442)	252 (124–495)	259 (136–491)	252 (131–477)	269 (142–487)
Mental and behavioral disorders	94 (52–159)	222 (123–368)	375 (225–582)	425 (251–651)	504 (292–789)	448 (254–704)	376 (212–590)
Schizophrenia	–	–	62 (24–119)	48 (24–86)	79 (32–158)	54 (23–95)	36 (18–62)
Alcohol use disorders	21 (9–36)	57 (23–100)	116 (45–193)	209 (83–346)	299 (123–500)	313 (138–509)	288 (121–489)
Drug use disorders	49 (20–118)	130 (52–264)	170 (75–371)	144 (64–366)	102 (43–283)	64 (27–182)	36 (16–81)
Opioid use disorders	18 (8–42)	51 (20–101)	67 (29–132)	51 (23–116)	32 (14–81)	18 (8–50)	10 (5–25)
Cocaine use disorders	2 (1–5)	5 (2–12)	7 (3–17)	7 (3–16)	5 (2–15)	4 (1–9)	2 (1–5)
Amphetamine use disorders	1 (0–1)	1 (0–2)	2 (1–3)	2 (1–3)	1 (0–2)	1 (0–1)	<0·5 (0–1)
Other drug use disorders	28 (12–71)	72 (30–157)	95 (41–210)	85 (37–217)	64 (26–175)	41 (16–110)	23 (10–52)
Eating disorders	13 (3–23)	19 (5–39)	13 (3–28)	10 (3–21)	7 (2–15)	4 (1–8)	3 (1–6)
Other mental and behavioral disorders	12 (3–22)	16 (4–34)	14 (4–32)	14 (4–31)	16 (5–32)	12 (4–24)	14 (4–28)
Diabetes, urogenital, blood, and endocrine diseases	838 (636–1,251)	994 (800–1,442)	909 (741–1,367)	909 (739–1,390)	1,000 (822–1,520)	1,009 (826–1,522)	1,150 (974–1,614)
Diabetes mellitus	112 (76–156)	178 (119–247)	196 (129–231)	243 (170–283)	300 (226–361)	348 (275–417)	458 (393–571)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Males, 15-19 Years**	**Males, 20-24 Years**	**Males, 25-29 Years**	**Males, 30-34 Years**	**Males, 35-39 Years**	**Males, 40-44 Years**	**Males, 45-49 Years**
Acute glomerulonephritis	231 (61–665)	192 (55–656)	192 (48–666)	176 (48–668)	191 (51–743)	184 (40–698)	164 (42–601)
Chronic kidney diseases	237 (190–300)	371 (284–475)	309 (252–379)	307 (247–376)	330 (272–401)	313 (268–382)	361 (309–450)
Chronic kidney disease due to diabetes mellitus	<0·5 (0–0·5)	15 (11–19)	24 (18–31)	34 (27–43)	49 (39–62)	57 (47–73)	81 (65–102)
Chronic kidney disease due to hypertension	39 (30–50)	66 (50–86)	60 (47–74)	66 (53–83)	78 (63–97)	81 (68–99)	90 (74–112)
Chronic kidney disease unspecified	198 (158–250)	290 (225–371)	225 (181–273)	206 (166–252)	203 (168–248)	175 (148–215)	191 (160–239)
Urinary diseases and male infertility	39 (20–52)	61 (27–94)	59 (29–80)	61 (29–83)	73 (34–101)	67 (34–92)	78 (41–122)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	20 (10–30)	33 (14–56)	30 (15–44)	31 (16–47)	35 (19–51)	32 (18–48)	37 (20–62)
Urolithiasis	5 (3–10)	9 (4–23)	8 (4–18)	8 (5–18)	14 (7–30)	13 (7–26)	15 (8–31)
Other urinary diseases	14 (6–20)	19 (8–29)	21 (9–31)	21 (9–30)	24 (10–35)	22 (10–32)	26 (12–44)
Gynecological diseases	–	–	–	–	–	–	–
Uterine fibroids	–	–	–	–	–	–	–
Endometriosis	–	–	–	–	–	–	–
Genital prolapse	–	–	–	–	–	–	–
Other gynecological diseases	–	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	165 (100–292)	138 (90–254)	103 (65–182)	74 (47–130)	59 (36–108)	49 (30–93)	42 (26–76)
Thalassemias	92 (56–147)	76 (49–123)	52 (32–84)	37 (24–64)	28 (17–50)	21 (13–36)	15 (10–25)
Sickle cell disorders	34 (21–63)	27 (16–49)	22 (13–39)	16 (10–29)	13 (7–22)	11 (6–19)	10 (5–17)
G6PD deficiency	9 (6–14)	6 (4–10)	5 (3–8)	4 (3–6)	3 (2–5)	3 (2–4)	2 (2–4)
Other hemoglobinopathies and hemolytic anemias	30 (9–84)	29 (10–66)	23 (6–56)	17 (4–41)	15 (3–39)	15 (4–39)	15 (4–34)
Other endocrine, nutritional, blood, and immune disorders	53 (18–87)	54 (18–85)	50 (17–81)	48 (17–90)	47 (17–78)	46 (17–82)	46 (17–80)
Musculoskeletal disorders	48 (24–77)	48 (24–74)	37 (19–60)	33 (16–51)	41 (18–65)	36 (18–58)	41 (19–60)
Rheumatoid arthritis	18 (8–33)	21 (10–36)	14 (6–25)	15 (7–25)	17 (8–30)	16 (8–28)	21 (10–34)
Other musculoskeletal disorders	29 (15–52)	27 (13–44)	23 (11–38)	18 (9–28)	23 (11–41)	19 (9–31)	20 (10–32)
Other non-communicable diseases	459 (334–601)	370 (283–488)	278 (208–377)	173 (133–222)	193 (143–259)	148 (113–195)	154 (115–205)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Congenital anomalies	396 (279–540)	290 (209–412)	210 (147–312)	104 (75–142)	101 (73–142)	75 (56–108)	78 (57–117)
Neural tube defects	27 (11–67)	19 (8–43)	18 (6–43)	7 (3–14)	8 (3–17)	8 (3–17)	8 (3–17)
Congenital heart anomalies	277 (187–367)	196 (141–270)	132 (94–183)	65 (46–86)	56 (41–74)	35 (27–46)	31 (22–44)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	13 (7–21)	15 (7–29)	13 (7–22)	7 (4–11)	7 (4–12)	6 (3–10)	7 (4–15)
Other chromosomal abnormalities	8 (3–20)	7 (3–19)	6 (2–15)	3 (1–7)	2 (1–6)	2 (1–5)	2 (1–5)
Other congenital anomalies	71 (47–110)	53 (35–83)	42 (28–70)	22 (16–32)	28 (17–49)	25 (15–45)	29 (17–55)
Skin and subcutaneous diseases	63 (39–89)	80 (48–118)	68 (39–103)	69 (43–102)	92 (54–150)	73 (47–109)	76 (45–113)
Cellulitis	20 (13–29)	23 (14–34)	20 (11–30)	22 (14–32)	32 (19–52)	25 (16–38)	28 (17–42)
Abscess, impetigo, and other bacterial skin diseases	29 (18–41)	35 (21–51)	29 (17–44)	30 (19–45)	37 (22–61)	30 (19–45)	31 (18–47)
Decubitus ulcer	13 (8–19)	22 (13–33)	19 (11–28)	17 (11–25)	23 (13–38)	17 (11–26)	17 (10–26)
Other skin and subcutaneous diseases	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	13,767 (12,652–15,460)	18,434 (16,702–20,948)	14,995 (13,404–16,932)	11,942 (10,677–13,653)	10,108 (8,848–11,841)	7,332 (6,435–8,688)	5,656 (5,015–6,602)
Transport injuries	4,373 (3,562–5,762)	5,702 (4,471–7,609)	4,551 (3,405–5,964)	3,392 (2,498–4,502)	2,850 (1,961–3,893)	2,008 (1,397–2,733)	1,548 (1,107–2,083)
Road injury	4,191 (3,442–5,469)	5,428 (4,400–7,325)	4,332 (3,390–5,664)	3,207 (2,391–4,350)	2,708 (1,947–3,672)	1,898 (1,335–2,614)	1,466 (1,076–2,077)
Pedestrian injury by road vehicle	1,211 (769–1,626)	1,482 (886–2,097)	1,288 (813–1,738)	1,006 (606–1,369)	886 (537–1,210)	643 (378–893)	485 (293–667)
Pedal cycle vehicle	263 (186–360)	264 (173–363)	209 (140–294)	158 (107–221)	134 (88–186)	100 (68–143)	89 (59–130)
Motorized vehicle with two wheels	865 (661–1,107)	1,138 (799–1,561)	805 (560–1,101)	523 (365–730)	450 (276–700)	294 (183–457)	239 (136–388)
Motorized vehicle with three or more wheels	1,509 (1,141–1,980)	2,141 (1,523–2,805)	1,656 (1,223–2,196)	1,232 (867–1,628)	1,000 (700–1,375)	699 (484–964)	523 (351–695)
Road injury other	343 (101–992)	404 (125–1,380)	373 (108–1,126)	288 (84–913)	237 (66–780)	162 (46–601)	129 (37–433)
Other transport injury	183 (135–296)	274 (194–387)	218 (159–352)	185 (131–271)	142 (104–211)	110 (80–171)	82 (61–121)
Unintentional injuries other than transport injuries	5,358 (4,644–6,282)	6,456 (5,604–7,665)	5,075 (4,461–6,065)	4,209 (3,702–5,128)	3,731 (3,209–4,699)	2,798 (2,426–3,540)	2,217 (1,934–2,786)
Falls	518 (374–738)	720 (530–1,042)	617 (439–961)	542 (420–763)	544 (417–822)	463 (352–694)	409 (319–566)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Males, 15-19 Years	Males, 20-24 Years	Males, 25-29 Years	Males, 30-34 Years	Males, 35-39 Years	Males, 40-44 Years	Males, 45-49 Years
Drowning	1,807 (1,349–2,367)	1,468 (1,066–2,000)	949 (723–1,289)	709 (554–991)	576 (451–793)	413 (314–574)	320 (240–447)
Fire, heat and hot substances	371 (248–526)	539 (366–799)	450 (319–627)	392 (279–553)	356 (243–526)	266 (182–386)	176 (123–254)
Poisonings	467 (317–859)	754 (486–1,462)	647 (442–1,206)	590 (410–1,129)	544 (340–1,138)	416 (264–843)	303 (207–596)
Exposure to mechanical forces	1,005 (567–1,479)	1,329 (808–1,965)	1,127 (663–1,798)	940 (623–1,528)	809 (512–1,392)	583 (388–1,010)	465 (293–787)
Mechanical forces (firearm)	575 (306–928)	701 (418–1,074)	500 (292–822)	411 (226–647)	332 (163–585)	228 (118–392)	182 (95–319)
Mechanical forces (other)	430 (231–729)	628 (358–1,029)	627 (371–1,024)	529 (322–886)	477 (295–809)	356 (215–627)	283 (175–502)
Adverse effects of medical treatment	51 (37–71)	67 (50–91)	57 (43–77)	46 (38–60)	41 (32–57)	37 (30–47)	35 (30–42)
Animal contact	146 (77–224)	157 (83–238)	126 (65–194)	103 (57–157)	102 (54–158)	77 (43–117)	83 (42–136)
Animal contact (venomous)	113 (42–205)	122 (52–211)	96 (34–179)	78 (27–142)	78 (27–155)	59 (23–110)	66 (20–132)
Animal contact (non-venomous)	33 (14–58)	34 (15–61)	29 (12–56)	25 (11–49)	23 (9–47)	17 (8–33)	17 (7–31)
Unintentional injuries not classified elsewhere	993 (672–1,198)	1,422 (952–1,743)	1,102 (796–1,277)	886 (647–1,017)	759 (561–896)	544 (415–638)	426 (339–496)
Self-harm and interpersonal violence	3,751 (2,963–4,557)	5,974 (4,741–7,020)	5,115 (4,051–6,075)	4,125 (3,284–4,905)	3,330 (2,568–4,155)	2,352 (1,847–3,026)	1,738 (1,290–2,204)
Self-harm	1,864 (1,332–2,620)	2,965 (2,038–4,025)	2,509 (1,718–3,455)	2,162 (1,536–2,889)	1,893 (1,317–2,619)	1,458 (1,048–2,098)	1,168 (806–1,661)
Interpersonal violence	1,887 (1,259–2,396)	3,010 (2,011–3,822)	2,606 (1,764–3,327)	1,964 (1,260–2,565)	1,437 (880–1,906)	895 (546–1,203)	570 (338–785)
Assault by firearm	937 (703–1,296)	1,489 (1,194–1,948)	1,312 (991–1,693)	952 (667–1,291)	656 (459–937)	400 (256–554)	251 (160–347)
Assault by sharp object	469 (273–712)	788 (460–1,246)	680 (389–1,068)	514 (304–822)	390 (214–594)	236 (128–384)	149 (83–255)
Assault by other means	481 (270–648)	732 (440–1,001)	614 (367–846)	497 (294–679)	391 (235–558)	259 (155–396)	170 (106–244)
Forces of nature, war, and legal intervention	285 (154–669)	303 (165–693)	254 (139–577)	216 (118–492)	198 (109–452)	173 (96–388)	153 (85–338)
Exposure to forces of nature	92 (41–234)	89 (40–223)	72 (32–180)	63 (29–158)	60 (27–146)	50 (23–121)	45 (21–108)
Collective violence and legal intervention	193 (107–427)	214 (119–466)	183 (102–396)	153 (85–329)	139 (78–295)	123 (69–262)	107 (60–228)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
All causes	41,100 (38,518–44,200)	44,901 (42,256–47,626)	49,143 (46,877–51,749)	43,225 (41,332–45,171)	34,446 (33,230–35,983)	26,514 (25,836–27,334)	21,102 (20,733–21,491)
Communicable, maternal, neonatal, and nutritional disorders	6,983 (5,957–8,270)	6,801 (5,839–8,011)	6,416 (5,512–7,674)	5,049 (4,434–5,931)	3,900 (3,423–4,537)	2,724 (2,407–3,126)	2,439 (2,154–2,813)
HIV/AIDS and tuberculosis	3,200 (2,421–4,081)	3,014 (2,282–3,760)	2,681 (2,137–3,539)	1,948 (1,553–2,555)	1,288 (1,005–1,744)	698 (558–909)	313 (238–421)
Tuberculosis	2,814 (2,048–3,656)	2,824 (2,108–3,588)	2,609 (2,052–3,463)	1,921 (1,531–2,532)	1,278 (995–1,735)	698 (558–909)	313 (238–421)
HIV/AIDS	386 (205–623)	191 (61–360)	73 (26–179)	27 (14–93)	10 (7–19)	–	–
HIV disease resulting in mycobacterial infection	60 (23–106)	31 (4–66)	10 (1–33)	3 (1–17)	1 (0–3)	–	–
HIV disease resulting in other specified or unspecified diseases	325 (181–506)	160 (56–296)	62 (24–147)	24 (13–76)	9 (7–16)	–	–
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	2,291 (1,926–2,838)	2,203 (1,825–2,731)	2,330 (1,931–2,878)	2,074 (1,718–2,548)	1,869 (1,545–2,260)	1,555 (1,269–1,895)	1,770 (1,500–2,106)
Diarrheal diseases	737 (530–1,080)	690 (486–1,028)	738 (492–1,159)	591 (408–902)	451 (326–635)	303 (216–431)	290 (215–402)
Cholera	19 (11–33)	14 (8–25)	11 (6–21)	6 (3–11)	3 (1–5)	1 (1–3)	1 (1–2)
Other salmonella infections	51 (32–79)	43 (27–68)	41 (24–66)	29 (18–48)	21 (12–34)	15 (9–23)	14 (9–23)
Shigellosis	68 (43–107)	66 (40–107)	72 (42–123)	59 (36–101)	46 (28–75)	31 (19–50)	31 (19–48)
Enteropathogenic E coli infection	8 (5–14)	9 (5–15)	11 (6–19)	10 (5–18)	9 (5–15)	7 (4–12)	10 (6–16)
Enterotoxigenic E coli infection	90 (56–140)	82 (50–131)	85 (50–143)	66 (41–109)	49 (30–78)	32 (20–51)	28 (18–43)
Campylobacter enteritis	37 (23–60)	35 (20–59)	37 (20–67)	29 (17–51)	24 (14–39)	20 (12–32)	24 (15–39)
Amoebiasis	47 (30–72)	45 (27–75)	50 (29–88)	41 (24–70)	32 (20–53)	22 (13–35)	20 (13–33)
Cryptosporidiosis	15 (9–23)	14 (8–23)	14 (8–25)	11 (7–19)	9 (5–14)	6 (4–9)	5 (3–9)
Rotaviral enteritis	60 (39–96)	61 (38–99)	70 (42–118)	60 (38–98)	46 (29–73)	29 (18–45)	23 (14–34)
Other diarrheal diseases	342 (200–565)	323 (179–566)	348 (191–618)	280 (158–482)	213 (126–346)	141 (81–232)	134 (81–211)
Typhoid and paratyphoid fevers	51 (6–97)	34 (4–64)	20 (2–38)	14 (2–27)	12 (1–22)	7 (1–14)	4 (0–8)
Lower respiratory infections	1,145 (884–1,493)	1,163 (894–1,494)	1,309 (995–1,686)	1,292 (987–1,618)	1,277 (977–1,589)	1,167 (907–1,460)	1,427 (1,162–1,751)
Influenza	260 (201–335)	254 (194–328)	276 (208–357)	262 (203–329)	249 (192–311)	218 (170–274)	246 (200–305)
Pneumococcal pneumonia	326 (253–423)	335 (257–425)	380 (287–484)	380 (293–474)	379 (288–473)	356 (278–449)	450 (365–553)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
H influenzae type B pneumonia	161 (126–216)	150 (117–197)	154 (116–203)	136 (103–174)	120 (91–150)	96 (74–121)	87 (71–109)
Respiratory syncytial virus pneumonia	11 (9–15)	12 (9–15)	13 (10–17)	13 (10–16)	13 (10–16)	12 (9–15)	14 (12–18)
Other lower respiratory infections	388 (295–510)	412 (315–529)	486 (366–622)	501 (375–630)	515 (394–644)	486 (384–608)	629 (512–772)
Upper respiratory infections	1 (1–1)	1 (1–2)	2 (1–2)	1 (1–2)	1 (1–2)	1 (1–1)	1 (1–1)
Otitis media	3 (0–31)	2 (0–18)	1 (0–15)	1 (0–11)	1 (0–8)	<0·5 (0–5)	<0·5 (0–3)
Meningitis	199 (144–285)	164 (117–244)	161 (111–249)	108 (76–162)	79 (54–131)	48 (33–77)	30 (19–55)
Pneumococcal meningitis	66 (46–98)	52 (35–81)	50 (33–81)	31 (21–50)	22 (14–39)	12 (8–21)	6 (4–13)
H influenzae type B meningitis	13 (9–20)	12 (8–19)	13 (9–22)	9 (6–15)	8 (5–14)	5 (3–9)	4 (2–7)
Meningococcal infection	36 (28–50)	28 (20–39)	27 (19–38)	18 (13–25)	12 (8–18)	7 (5–10)	3 (2–5)
Other meningitis	83 (62–118)	72 (52–103)	71 (49–108)	50 (36–73)	38 (27–61)	24 (17–38)	17 (11–29)
Encephalitis	71 (38–129)	59 (31–115)	59 (31–120)	32 (14–67)	24 (10–55)	14 (6–29)	9 (5–23)
Diphtheria	1 (0–6)	1 (0–5)	–	–	–	–	–
Whooping cough	3 (0–15)	8 (0–42)	–	–	–	–	–
Tetanus	72 (0–329)	75 (1–342)	37 (0–171)	31 (0–145)	21 (0–103)	12 (0–56)	5 (0–21)
Measles	5 (2–12)	4 (1–10)	–	–	–	–	–
Varicella	4 (0–24)	3 (0–17)	2 (0–16)	2 (0–15)	2 (0–14)	2 (0–15)	4 (0–25)
Neglected tropical diseases and malaria	672 (474–1,097)	767 (424–1,200)	586 (340–902)	375 (239–576)	244 (163–399)	137 (90–223)	72 (48–112)
Malaria	481 (305–891)	607 (284–1,040)	463 (229–762)	283 (158–472)	183 (105–329)	102 (58–185)	53 (31–94)
Chagas disease	21 (4–62)	20 (4–57)	18 (4–57)	14 (2–42)	10 (2–29)	6 (1–18)	3 (1–10)
Leishmaniasis	61 (32–106)	47 (25–83)	32 (17–56)	22 (12–39)	15 (8–26)	8 (4–14)	5 (3–8)
African trypanosomiasis	19 (5–41)	9 (2–20)	4 (1–7)	1 (0–3)	<0·5 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)
Schistosomiasis	14 (0–83)	15 (0–88)	13 (0–76)	10 (0–58)	7 (0–43)	4 (0–22)	1 (0–7)
Cysticercosis	1 (0–4)	1 (0–3)	1 (0–2)	<0·5 (0–2)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–0·5)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
Echinococcosis	2 (0–9)	2 (0–9)	2 (0–9)	2 (0–7)	1 (0–5)	1 (0–4)	1 (0–2)
Dengue	5 (1–15)	5 (1–12)	5 (1–13)	3 (1–8)	2 (0–4)	2 (0–4)	1 (0–4)
Rabies	46 (19–93)	41 (17–88)	31 (13–62)	25 (11–56)	15 (7–32)	7 (3–13)	2 (1–5)
Intestinal nematode infections	<0·5 (0–2)	<0·5 (0–2)	<0·5 (0–2)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–1)
Ascariasis	<0·5 (0–2)	<0·5 (0–2)	<0·5 (0–2)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–1)
Other neglected tropical diseases	21 (8–37)	19 (7–33)	16 (6–31)	14 (5–29)	10 (4–23)	7 (2–17)	5 (2–13)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	304 (206–480)	323 (208–553)	387 (247–657)	324 (215–534)	281 (190–454)	207 (145–322)	217 (157–316)
Protein-energy malnutrition	259 (156–413)	278 (164–490)	338 (201–592)	279 (168–483)	242 (149–413)	175 (111–288)	177 (114–273)
Iodine deficiency	1 (1–1)	1 (1–1)	1 (1–1)	1 (1–1)	1 (1–1)	1 (1–1)	1 (1–1)
Iron-deficiency anemia	37 (26–49)	37 (28–47)	41 (30–53)	38 (28–50)	32 (24–41)	26 (20–32)	30 (23–37)
Other nutritional deficiencies	7 (5–9)	7 (6–9)	8 (6–10)	7 (5–8)	7 (5–8)	6 (5–8)	8 (7–11)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
Other communicable, maternal, neonatal, and nutritional disorders	516 (413–648)	493 (390–611)	431 (338–555)	327 (258–441)	218 (166–302)	127 (96–175)	68 (48–95)
Sexually transmitted diseases excluding HIV	26 (8–50)	22 (8–47)	26 (8–76)	14 (5–26)	9 (4–18)	7 (3–13)	3 (2–5)
Syphilis	26 (9–49)	22 (8–47)	26 (8–76)	14 (5–26)	9 (4–18)	7 (3–13)	3 (2–4)
Sexually transmitted chlamydial diseases	–	–	–	–	–	–	–
Gonococcal infection	–	–	–	–	–	–	–
Other sexually transmitted diseases	–	–	–	–	–	–	–
Hepatitis	326 (253–409)	316 (243–414)	242 (184–315)	162 (133–195)	101 (81–125)	48 (38–60)	18 (15–23)
Acute hepatitis A	146 (46–332)	149 (45–340)	125 (42–279)	78 (25–170)	49 (14–106)	22 (6–53)	9 (3–20)
Acute hepatitis B	160 (89–241)	151 (80–255)	104 (55–173)	74 (40–116)	46 (24–71)	22 (11–34)	7 (4–11)
Acute hepatitis C	17 (8–34)	14 (7–28)	12 (5–22)	10 (4–18)	7 (3–13)	4 (2–6)	1 (1–2)
Acute hepatitis E	3 (1–8)	2 (0–5)	1 (0–3)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)
Other infectious diseases	164 (91–256)	155 (94–242)	164 (100–258)	152 (92–251)	108 (62–191)	71 (44–117)	47 (27–73)
Non-communicable diseases	29,056 (27,361–30,911)	34,370 (32,396–36,300)	39,885 (38,046–41,842)	36,317 (34,806–37,878)	29,340 (28,285–30,518)	22,975 (22,337–23,649)	18,038 (17,696–18,364)
Neoplasms	8,960 (7,784–10,067)	10,943 (9,577–12,442)	11,893 (10,662–13,425)	10,011 (9,015–11,403)	6,999 (6,327–7,978)	4,717 (4,296–5,398)	2,661 (2,412–2,974)
Esophageal cancer	732 (510–1,075)	928 (631–1,410)	960 (699–1,359)	758 (520–1,098)	538 (377–763)	298 (203–433)	138 (101–193)
Stomach cancer	1,382 (882–1,973)	1,732 (1,159–2,504)	1,911 (1,262–2,872)	1,572 (1,016–2,238)	1,124 (754–1,612)	711 (481–1,070)	358 (252–514)
Liver cancer	1,258 (847–1,562)	1,354 (999–1,594)	1,147 (839–1,394)	830 (644–1,033)	520 (420–652)	277 (233–372)	123 (102–158)
Liver cancer secondary to hepatitis B	651 (421–821)	684 (512–818)	563 (421–696)	402 (314–511)	249 (199–324)	125 (104–180)	52 (43–68)
Liver cancer secondary to hepatitis C	222 (150–275)	302 (224–348)	304 (217–361)	239 (185–291)	151 (123–190)	84 (70–111)	39 (32–50)
Liver cancer secondary to alcohol use	249 (171–307)	254 (190–306)	211 (152–255)	152 (122–190)	97 (77–120)	57 (47–75)	27 (22–34)
Other liver cancer	135 (90–168)	114 (83–134)	69 (49–83)	36 (28–45)	22 (18–28)	11 (10–15)	5 (4–6)
Larynx cancer	277 (126–490)	301 (142–523)	326 (148–564)	244 (114–446)	147 (66–260)	88 (41–162)	41 (19–73)
Trachea, bronchus and lung cancers	2,106 (1,397–2,751)	2,818 (1,984–3,635)	3,351 (2,430–4,320)	2,809 (2,068–3,762)	1,841 (1,377–2,582)	1,166 (869–1,651)	510 (381–721)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Breast cancer	–	–	–	–	–	–	–
Cervical cancer	–	–	–	–	–	–	–
Uterine cancer	–	–	–	–	–	–	–
Prostate cancer	60 (32–94)	130 (73–220)	263 (147–415)	383 (219–616)	410 (223–640)	452 (252–689)	432 (242–665)
Colon and rectum cancers	541 (432–595)	690 (583–762)	816 (679–911)	758 (650–863)	567 (489–669)	449 (383–506)	292 (247–322)
Mouth cancer	217 (173–245)	220 (184–252)	207 (170–232)	144 (117–161)	82 (69–92)	49 (41–54)	28 (23–31)
Nasopharynx cancer	118 (65–190)	117 (65–191)	101 (56–156)	69 (38–112)	41 (24–64)	20 (11–33)	8 (5–14)
Cancer of other part of pharynx and oropharynx	230 (118–323)	251 (126–358)	233 (125–346)	165 (82–231)	90 (48–136)	46 (25–68)	21 (11–30)
Gallbladder and biliary tract cancer	82 (44–122)	102 (54–148)	116 (65–173)	114 (65–175)	90 (48–134)	68 (38–104)	45 (24–67)
Pancreatic cancer	287 (191–397)	363 (247–500)	402 (282–576)	354 (239–487)	251 (172–344)	174 (118–252)	98 (66–141)
Malignant melanoma of skin	52 (24–91)	51 (26–91)	52 (25–91)	43 (23–76)	28 (14–49)	21 (10–38)	13 (7–24)
Non-melanoma skin cancer	22 (10–42)	29 (13–53)	30 (14–56)	28 (13–51)	22 (10–41)	19 (9–36)	21 (10–40)
Ovarian cancer	–	–	–	–	–	–	–
Testicular cancer	10 (6–13)	9 (5–14)	9 (5–14)	9 (4–13)	6 (3–9)	3 (2–5)	3 (1–4)
Kidney and other urinary organ cancers	144 (90–201)	179 (109–254)	193 (119–273)	161 (98–239)	105 (64–152)	77 (48–112)	41 (25–61)
Bladder cancer	139 (95–175)	208 (146–267)	287 (201–363)	289 (205–369)	233 (171–309)	194 (149–260)	141 (106–191)
Brain and nervous system cancers	241 (126–363)	244 (123–374)	232 (115–352)	176 (91–279)	104 (55–161)	55 (31–93)	22 (12–42)
Thyroid cancer	25 (15–37)	30 (18–42)	32 (19–45)	24 (15–34)	18 (12–25)	11 (7–16)	6 (4–8)
Hodgkin's disease	27 (12–41)	27 (13–40)	26 (12–39)	19 (10–30)	12 (6–19)	8 (4–12)	4 (2–7)
Non-Hodgkin's lymphoma	190 (142–222)	220 (165–253)	236 (182–272)	202 (159–235)	147 (116–173)	98 (81–123)	56 (45–71)
Multiple myeloma	50 (27–83)	70 (37–118)	86 (47–146)	84 (48–142)	64 (34–109)	47 (27–84)	28 (15–48)
Leukemia	209 (143–255)	219 (153–282)	232 (174–299)	210 (151–273)	152 (114–206)	113 (88–157)	71 (56–97)
Other neoplasms	561 (314–816)	651 (369–939)	645 (392–946)	568 (345–846)	407 (252–624)	271 (169–418)	162 (105–247)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
Cardiovascular and circulatory diseases	11,104 (10,639–11,584)	13,259 (12,804–13,760)	16,185 (15,655–16,668)	15,252 (14,838–15,673)	12,854 (12,473–13,258)	11,101 (10,819–11,372)	9,877 (9,667–10,072)
Rheumatic heart disease	531 (418–692)	547 (428–752)	531 (418–709)	414 (339–522)	311 (259–396)	230 (188–280)	188 (153–235)
Ischemic heart disease	5,695 (5,103–6,454)	6,479 (6,140–7,568)	7,889 (7,333–8,967)	7,248 (6,760–8,222)	5,744 (5,390–6,584)	5,046 (4,773–5,602)	4,596 (4,370–5,029)
Cerebrovascular disease	3,484 (3,118–4,247)	4,604 (4,061–5,542)	5,843 (5,240–6,989)	5,731 (5,116–6,688)	5,241 (4,669–6,125)	4,493 (3,944–5,170)	3,865 (3,419–4,398)
Ischemic stroke	677 (557–917)	1,097 (896–1,548)	2,015 (1,641–2,648)	2,179 (1,801–2,837)	2,259 (1,830–2,994)	2,365 (2,027–2,897)	2,552 (2,246–2,930)
Hemorrhagic and other non-ischemic stroke	2,807 (2,268–3,545)	3,507 (2,809–4,447)	3,828 (2,997–4,911)	3,552 (2,785–4,513)	2,982 (2,260–3,886)	2,129 (1,631–2,716)	1,312 (1,013–1,732)
Hypertensive heart disease	461 (387–611)	556 (465–737)	682 (574–904)	689 (561–866)	588 (491–741)	482 (411–628)	435 (368–550)
Cardiomyopathy and myocarditis	464 (366–562)	449 (356–536)	454 (368–532)	353 (290–415)	250 (202–296)	185 (154–212)	144 (124–165)
Atrial fibrillation and flutter	9 (5–17)	13 (7–23)	20 (11–35)	24 (15–38)	26 (16–41)	30 (18–45)	40 (26–59)
Aortic aneurysm	105 (63–180)	150 (87–251)	203 (127–322)	236 (151–374)	214 (133–350)	177 (115–266)	125 (83–184)
Peripheral vascular disease	8 (3–17)	12 (5–27)	18 (8–39)	21 (9–44)	20 (8–39)	20 (8–39)	23 (10–46)
Endocarditis	35 (24–51)	34 (25–51)	32 (25–47)	27 (21–39)	19 (15–28)	16 (14–24)	14 (12–19)
Other cardiovascular and circulatory diseases	311 (280–347)	415 (381–453)	512 (475–560)	509 (466–561)	441 (407–481)	422 (391–458)	447 (415–481)
Chronic respiratory diseases	3,144 (2,852–3,503)	4,287 (3,894–4,701)	6,086 (5,562–6,640)	6,370 (5,883–6,848)	5,969 (5,567–6,369)	4,519 (4,273–4,775)	3,453 (3,299–3,617)
Chronic obstructive pulmonary disease	2,176 (1,787–2,635)	3,156 (2,594–3,797)	4,695 (3,990–5,539)	5,065 (4,373–5,931)	4,868 (4,278–5,627)	3,729 (3,298–4,271)	2,843 (2,527–3,233)
Pneumoconiosis	200 (55–456)	248 (76–545)	344 (107–807)	349 (110–850)	301 (95–687)	211 (78–470)	184 (70–474)
Asthma	462 (236–964)	535 (277–1,048)	623 (330–1,235)	573 (309–1,034)	465 (267–884)	322 (187–580)	219 (135–381)
Other interstitial lung disease	75 (43–128)	95 (53–170)	139 (68–278)	122 (69–221)	103 (56–178)	78 (44–133)	49 (28–82)
Other chronic respiratory diseases	231 (143–383)	253 (151–419)	285 (176–448)	261 (156–385)	231 (141–366)	179 (111–268)	157 (100–226)
Cirrhosis of the liver	2,067 (1,647–2,590)	1,979 (1,526–2,450)	1,691 (1,306–2,114)	1,151 (865–1,390)	661 (491–808)	384 (287–464)	194 (139–226)
Cirrhosis of the liver secondary to hepatitis B	644 (480–812)	645 (471–834)	567 (415–689)	388 (287–477)	224 (163–274)	120 (86–145)	54 (37–66)
Cirrhosis of the liver secondary to hepatitis C	449 (346–570)	481 (365–625)	455 (347–568)	329 (251–413)	186 (140–235)	110 (83–136)	56 (42–68)
Cirrhosis of the liver secondary to alcohol use	717 (565–920)	652 (498–836)	534 (409–668)	356 (275–447)	205 (155–259)	128 (95–157)	71 (52–86)

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Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Other cirrhosis of the liver	257 (197–331)	201 (150–261)	136 (103–171)	78 (59–99)	45 (34–56)	26 (19–31)	13 (9–16)
Digestive diseases (except cirrhosis)	1,284 (983–1,559)	1,210 (950–1,477)	1,290 (1,020–1,601)	1,085 (879–1,320)	869 (700–1,066)	670 (543–842)	546 (448–669)
Peptic ulcer disease	580 (439–677)	486 (382–568)	510 (385–593)	414 (323–473)	326 (252–377)	237 (182–276)	179 (138–203)
Gastritis and duodenitis	15 (10–25)	19 (11–33)	17 (11–28)	16 (10–27)	13 (8–19)	11 (6–17)	11 (6–17)
Appendicitis	38 (17–68)	40 (18–69)	42 (19–71)	35 (16–62)	26 (12–44)	18 (8–30)	12 (6–20)
Paralytic ileus and intestinal obstruction without hernia	122 (59–190)	128 (64–193)	134 (67–197)	116 (60–169)	99 (52–142)	81 (44–123)	69 (41–100)
Inguinal or femoral hernia	20 (19–20)	23 (23–24)	28 (27–28)	24 (24–25)	21 (21–22)	19 (19–20)	18 (17–18)
Noninfective inflammatory bowel disease	21 (13–30)	22 (15–32)	22 (13–35)	20 (13–29)	15 (10–22)	12 (9–17)	13 (9–17)
Vascular disorders of intestine	32 (6–95)	43 (9–129)	59 (12–186)	63 (13–191)	57 (12–170)	53 (11–159)	46 (9–137)
Gall bladder and bile duct disease	56 (40–91)	61 (44–93)	71 (52–103)	68 (49–104)	58 (44–84)	52 (38–74)	47 (34–63)
Pancreatitis	100 (64–142)	85 (55–122)	78 (51–111)	57 (37–82)	38 (24–54)	28 (19–42)	19 (12–26)
Other digestive diseases	299 (197–444)	304 (206–419)	329 (223–461)	270 (185–376)	218 (153–295)	159 (111–215)	133 (100–166)
Neurological disorders	491 (325–728)	487 (320–767)	459 (308–733)	435 (297–662)	389 (273–555)	358 (262–481)	338 (263–434)
Alzheimer's disease and other dementias	29 (14–46)	37 (19–56)	51 (28–72)	67 (41–91)	90 (54–126)	114 (72–163)	158 (109–242)
Parkinson's disease	12 18)	19 (11–29)	32 (20–51)	54 (34–84)	71 (45–115)	85 (56–127)	78 (7– (51–127)
Epilepsy	123 (77–166)	90 (59–120)	66 (43–88)	52 (33–70)	36 (21–52)	24 (15–32)	20 (11–30)
Multiple sclerosis	24 (16–35)	32 (17–59)	20 (14–30)	13 (8–17)	8 (4–14)	5 (3–8)	2 (1–2)
Other neurological disorders	302 (160–539)	310 (158–584)	290 (153–572)	249 (121–479)	184 (93–342)	130 (63–244)	80 (41–146)
Mental and behavioral disorders	382 (204–611)	290 (158–475)	213 (117–367)	120 (73–201)	64 (40–102)	43 (28–66)	29 (18–42)
Schizophrenia	26 (14–43)	26 (14–43)	16 (9–24)	16 (8–29)	12 (6–22)	9 (4–16)	7 (3–13)
Alcohol use disorders	312 (137–520)	231 (99–399)	170 (78–311)	83 (40–161)	36 (17–70)	19 (10–38)	8 (4–15)
Drug use disorders	28 (11–96)	17 (7–48)	13 (5–37)	8 (3–19)	5 (2–12)	4 (2–11)	2 (1–6)
Opioid use disorders	8 (3–30)	5 (2–15)	4 (2–11)	2 (1–6)	2 (1–4)	1 (0–4)	1 (0–2)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
Cocaine use disorders	1 (1–5)	1 (0–2)	1 (0–2)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–0·5)
Amphetamine use disorders	<0·5 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Other drug use disorders	18 (7–60)	11 (4–29)	8 (3–23)	5 (2–12)	3 (1–7)	2 (1–7)	2 (1–4)
Eating disorders	3 (1–6)	2 (1–5)	2 (1–4)	2 (1–4)	2 (1–4)	2 (1–4)	4 (1–6)
Other mental and behavioral disorders	13 (4–27)	14 (5–29)	12 (4–23)	11 (4–22)	9 (3–18)	9 (3–15)	9 (3–15)
Diabetes, urogenital, blood, and endocrine diseases	1,406 (1,213–1,882)	1,674 (1,463–2,175)	1,809 (1,599–2,345)	1,672 (1,495–2,121)	1,339 (1,190–1,670)	1,033 (930–1,235)	816 (737–956)
Diabetes mellitus	630 (503–759)	821 (690–1,040)	933 (758–1,157)	883 (701–1,105)	670 (547–837)	482 (397–607)	303 (250–372)
Acute glomerulonephritis	179 (47–560)	169 (46–606)	155 (44–538)	125 (39–374)	103 (30–331)	60 (19–208)	34 (10–105)
Chronic kidney diseases	413 (355–524)	471 (400–604)	474 (409–598)	424 (372–543)	355 (311–459)	303 (271–374)	289 (261–359)
Chronic kidney disease due to diabetes mellitus	108 (89–138)	143 (119–185)	163 (135–212)	130 (111–170)	94 (80–125)	68 (59–85)	53 (46–64)
Chronic kidney disease due to hypertension	99 (83–126)	107 (90–138)	103 (85–131)	99 (85–128)	88 (77–115)	80 (70–98)	81 (72–102)
Chronic kidney disease unspecified	207 (175–269)	221 (181–290)	208 (173–271)	195 (167–259)	172 (149–218)	155 (137–187)	156 (137–193)
Urinary diseases and male infertility	97 (48–136)	119 (62–167)	142 (74–197)	139 (73–192)	125 (67–175)	115 (65–163)	122 (72–183)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	48 (26–76)	57 (33–87)	72 (42–112)	71 (43–111)	64 (39–103)	66 (38–103)	79 (49–122)
Urolithiasis	18 (9–33)	25 (12–51)	26 (12–52)	24 (12–47)	21 (11–41)	17 (8–32)	14 (8–27)
Other urinary diseases	31 (14–45)	37 (18–54)	44 (21–66)	44 (22–63)	40 (20–59)	32 (16–47)	29 (16–45)
Gynecological diseases	–	–	–	–	–	–	–
Uterine fibroids	–	–	–	–	–	–	–
Endometriosis	–	–	–	–	–	–	–
Genital prolapse	–	–	–	–	–	–	–
Other gynecological diseases	–	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	38 (25–69)	41 (26–81)	48 (27–85)	44 (27–78)	41 (23–73)	36 (21–68)	32 (18–58)
Thalassemias	11 (8–17)	8 (6–13)	5 (3–8)	2 (1–3)	1 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Males, 50-54 Years	Males, 55-59 Years	Males, 60-64 Years	Males, 65-69 Years	Males, 70-74 Years	Males, 75-79 Years	Males, 80+ Years
Sickle cell disorders	7 (4–14)	7 (4–13)	6 (3–10)	4 (2–7)	2 (1–3)	1 (1–2)	<0·5 (0–0·5)
G6PD deficiency	3 (2–4)	3 (2–4)	2 (2–4)	2 (2–4)	2 (2–3)	2 (2–3)	2 (2–3)
Other hemoglobinopathies and hemolytic anemias	17 (7–35)	24 (10–50)	35 (17–70)	36 (18–65)	36 (19–67)	32 (16–61)	30 (16–52)
Other endocrine, nutritional, blood, and immune disorders	48 (17–85)	52 (20–95)	57 (21–101)	56 (21–105)	45 (16–83)	38 (13–68)	36 (12–63)
Musculoskeletal disorders	49 (23–75)	55 (27–83)	59 (28–85)	55 (25–80)	51 (22–72)	39 (19–58)	28 (14–43)
Rheumatoid arthritis	26 (13–43)	31 (15–50)	36 (18–57)	34 (17–53)	32 (16–50)	24 (12–38)	14 (7–21)
Other musculoskeletal disorders	24 (11–41)	24 (12–40)	22 (11–37)	21 (10–37)	18 (9–32)	15 (7–26)	14 (7–25)
Other non-communicable diseases	168 (124–225)	186 (133–246)	200 (141–270)	166 (114–221)	147 (103–192)	109 (79–144)	96 (71–119)
Congenital anomalies	81 (57–123)	99 (63–147)	109 (68–161)	90 (52–136)	77 (42–114)	51 (27–78)	42 (25–60)
Neural tube defects	8 (2–20)	10 (2–31)	9 (3–23)	8 (2–24)	7 (2–16)	3 (1–7)	2 (1–4)
Congenital heart anomalies	27 (17–41)	32 (20–51)	37 (22–63)	35 (20–58)	32 (17–57)	24 (13–42)	25 (14–37)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	8 (5–17)	9 (4–20)	7 (4–14)	3 (1–6)	1 (1–2)	<0·5 (0–0·5)	<0·5 (0–0·5)
Other chromosomal abnormalities	3 (1–8)	2 (1–5)	3 (1–9)	2 (0–8)	1 (0–2)	<0·5 (0–2)	<0·5 (0–1)
Other congenital anomalies	35 (20–63)	45 (25–80)	53 (27–98)	42 (21–78)	36 (17–68)	23 (11–44)	15 (7–27)
Skin and subcutaneous diseases	87 (51–134)	87 (53–130)	90 (58–139)	76 (50–109)	70 (46–97)	58 (41–81)	53 (37–70)
Cellulitis	30 (18–46)	30 (19–45)	28 (18–44)	22 (14–31)	17 (11–23)	12 (9–17)	9 (6–11)
Abscess, impetigo, and other bacterial skin diseases	37 (22–57)	35 (22–52)	35 (22–53)	27 (18–39)	22 (15–31)	17 (12–23)	13 (9–17)
Decubitus ulcer	20 (12–32)	22 (13–32)	27 (17–42)	27 (18–40)	30 (20–42)	29 (20–40)	31 (21–40)
Other skin and subcutaneous diseases	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	5,061 (4,517–6,037)	3,731 (3,347–4,484)	2,842 (2,560–3,399)	1,859 (1,666–2,216)	1,206 (1,061–1,453)	815 (722–941)	625 (557–724)
Transport injuries	1,343 (937–1,769)	996 (688–1,391)	743 (509–1,005)	488 (351–659)	308 (219–412)	192 (137–252)	106 (74–138)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
Road injury	1,271 (917–1,733)	946 (693–1,311)	706 (502–984)	467 (346–640)	296 (207–390)	184 (135–246)	102 (70–132)
Pedestrian injury by road vehicle	444 (274–614)	319 (190–441)	246 (156–342)	161 (104–223)	102 (66–137)	66 (42–87)	41 (26–54)
Pedal cycle vehicle	81 (54–112)	72 (47–99)	59 (40–85)	43 (28–60)	32 (19–43)	20 (13–26)	10 (6–13)
Motorized vehicle with two wheels	194 (104–311)	134 (76–220)	97 (52–158)	63 (35–96)	40 (21–59)	22 (11–32)	10 (5–15)
Motorized vehicle with three or more wheels	444 (297–586)	332 (219–447)	237 (154–321)	159 (106–214)	94 (62–129)	62 (42–83)	34 (22–46)
Road injury other	108 (27–336)	89 (28–274)	67 (23–182)	40 (14–110)	28 (10–82)	14 (5–38)	6 (2–19)
Other transport injury	72 (52–122)	50 (36–82)	37 (26–65)	21 (16–40)	13 (10–20)	8 (7–13)	4 (3–7)
Unintentional injuries other than transport injuries	2,038 (1,795–2,602)	1,547 (1,347–1,957)	1,215 (1,064–1,532)	807 (719–995)	556 (494–693)	412 (370–491)	391 (352–469)
Falls	404 (312–569)	333 (262–495)	298 (239–421)	230 (181–334)	184 (140–268)	160 (118–217)	196 (156–260)
Drowning	290 (223–432)	216 (168–302)	163 (125–225)	102 (81–144)	62 (47–86)	37 (28–50)	23 (17–31)
Fire, heat and hot substances	173 (123–257)	122 (91–190)	105 (81–167)	74 (55–106)	54 (40–84)	42 (29–61)	36 (26–47)
Poisonings	280 (195–549)	209 (144–414)	152 (102–297)	84 (55–170)	53 (36–100)	33 (22–61)	19 (13–33)
Exposure to mechanical forces	402 (254–730)	284 (188–528)	191 (125–345)	100 (64–174)	56 (36–98)	32 (21–52)	18 (12–30)
Mechanical forces (firearm)	142 (73–232)	102 (50–177)	62 (32–99)	36 (18–63)	22 (11–41)	11 (5–18)	6 (3–11)
Mechanical forces (other)	261 (171–443)	182 (121–329)	130 (82–228)	64 (42–110)	34 (21–59)	21 (14–32)	12 (8–21)
Adverse effects of medical treatment	36 (30–43)	41 (35–51)	40 (34–47)	36 (30–43)	25 (22–30)	20 (16–23)	15 (13–18)
Animal contact	72 (37–111)	60 (35–96)	48 (28–78)	31 (18–46)	21 (12–34)	13 (7–20)	8 (5–12)
Animal contact (venomous)	54 (18–109)	42 (15–93)	34 (11–67)	22 (9–41)	14 (4–30)	9 (3–17)	6 (2–11)
Animal contact (non-venomous)	18 (8–30)	17 (8–33)	14 (7–25)	9 (5–16)	7 (3–13)	4 (2–8)	2 (1–4)
Unintentional injuries not classified elsewhere	381 (281–459)	283 (217–336)	217 (169–260)	151 (125–180)	100 (82–120)	76 (64–90)	77 (64–91)
Self-harm and interpersonal violence	1,539 (1,178–2,040)	1,062 (823–1,474)	784 (599–1,081)	494 (362–703)	310 (220–448)	200 (143–276)	125 (86–176)
Self-harm	1,129 (790–1,633)	807 (573–1,201)	626 (441–915)	413 (281–632)	270 (182–407)	180 (123–254)	113 (73–165)
Interpersonal violence	410 (240–607)	256 (145–376)	158 (92–220)	81 (48–121)	39 (23–56)	20 (12–29)	12 (7–17)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Males, 50-54 Years**	**Males, 55-59 Years**	**Males, 60-64 Years**	**Males, 65-69 Years**	**Males, 70-74 Years**	**Males, 75-79 Years**	**Males, 80+ Years**
Assault by firearm	156 (96–225)	96 (52–146)	58 (31–86)	28 (15–41)	13 (7–20)	6 (3–8)	3 (2–5)
Assault by sharp object	104 (59–168)	63 (33–101)	37 (20–60)	18 (9–31)	9 (5–15)	4 (2–7)	3 (1–4)
Assault by other means	151 (96–224)	96 (63–145)	63 (41–89)	35 (22–50)	18 (11–25)	10 (7–14)	6 (4–8)
Forces of nature, war, and legal intervention	140 (79–313)	126 (71–286)	100 (56–225)	70 (38–154)	32 (17–68)	11 (6–23)	3 (1–5)
Exposure to forces of nature	49 (23–115)	53 (25–124)	45 (22–107)	35 (17–82)	15 (7–35)	5 (2–12)	1 (0–2)
Collective violence and legal intervention	92 (52–193)	74 (42–155)	55 (31–115)	34 (20–73)	17 (9–35)	6 (3–12)	2 (1–4)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990

Cause	Females, All Ages	Females, 0-6 Days	Females, 7-27 Days	Females, 28-364 Days	Females, 1-4 Years	Females, 5-9 Years	Females, 10-14 Years
All causes	840,887 (804,212–881,318)	110,745 (92,777–129,735)	47,168 (42,037–52,749)	140,415 (127,139–159,643)	140,442 (130,629–152,198)	25,945 (24,423–27,836)	15,172 (14,109–16,408)
Communicable, maternal, neonatal, and nutritional disorders	488,234 (455,006–532,024)	102,148 (84,323–121,455)	41,856 (36,919–47,506)	119,721 (107,048–140,201)	110,357 (99,685–123,782)	16,234 (14,365–18,574)	7,610 (6,713–8,847)
HIV/AIDS and tuberculosis	28,706 (26,286–32,835)	–	–	1,783 (1,292–2,591)	3,823 (3,074–4,848)	836 (655–1,108)	556 (431–743)
Tuberculosis	21,968 (19,784–25,868)	–	–	1,329 (846–2,101)	2,259 (1,701–3,167)	725 (553–992)	533 (410–724)
HIV/AIDS	6,739 (5,402–8,504)	–	–	454 (352–575)	1,564 (1,196–2,010)	111 (82–155)	22 (15–39)
HIV disease resulting in mycobacterial infection	1,365 (1,075–1,731)	–	–	97 (75–122)	331 (246–434)	23 (17–32)	4 (2–7)
HIV disease resulting in other specified or unspecified diseases	5,374 (4,221–6,849)	–	–	357 (274–456)	1,233 (907–1,634)	88 (64–126)	18 (12–33)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	243,920 (220,595–282,071)	13,486 (10,924–16,595)	20,452 (17,799–24,169)	88,602 (77,245–109,131)	75,613 (64,790–91,803)	11,109 (9,128–13,863)	4,712 (3,850–5,869)
Diarrheal diseases	85,205 (77,561–92,597)	2,507 (1,763–3,854)	6,102 (4,815–7,843)	33,297 (28,912–37,714)	27,874 (23,135–32,298)	3,264 (2,586–4,037)	1,245 (1,015–1,544)
Cholera	4,632 (3,381–6,282)	140 (73–261)	335 (190–580)	1,736 (1,079–2,768)	1,898 (1,327–2,578)	168 (114–242)	47 (31–70)
Other salmonella infections	4,398 (3,464–5,469)	94 (55–162)	239 (150–369)	1,408 (951–1,981)	1,374 (1,058–1,788)	278 (202–374)	153 (110–205)
Shigellosis	6,248 (4,787–7,960)	154 (85–274)	376 (228–614)	1,995 (1,363–2,863)	2,066 (1,505–2,736)	340 (235–481)	168 (116–235)
Enteropathogenic E coli infection	7,908 (5,710–10,505)	320 (179–594)	784 (464–1,261)	4,266 (2,943–6,042)	2,216 (1,577–2,999)	126 (84–185)	29 (19–43)
Enterotoxigenic E coli infection	5,655 (4,425–7,102)	143 (83–251)	350 (224–542)	1,944 (1,385–2,772)	1,694 (1,275–2,220)	218 (151–305)	102 (69–143)
Campylobacter enteritis	7,525 (5,763–9,619)	255 (150–458)	626 (404–962)	3,419 (2,473–4,667)	2,362 (1,755–3,087)	209 (144–300)	73 (50–104)
Amoebiasis	1,697 (1,271–2,248)	29 (13–61)	69 (34–130)	365 (200–660)	511 (355–704)	75 (51–109)	36 (23–53)
Cryptosporidiosis	8,528 (6,754–10,636)	314 (199–515)	762 (522–1,113)	4,190 (3,156–5,387)	2,834 (2,172–3,589)	165 (117–232)	31 (20–46)
Rotaviral enteritis	20,747 (16,656–24,715)	674 (411–1,157)	1,610 (1,108–2,302)	8,881 (6,868–11,162)	7,744 (5,975–9,462)	599 (429–816)	149 (106–202)
Other diarrheal diseases	17,868 (10,692–27,256)	384 (180–729)	952 (494–1,710)	5,093 (2,754–8,440)	5,176 (2,788–8,738)	1,086 (649–1,621)	457 (274–688)
Typhoid and paratyphoid fevers	3,770 (459–7,009)	–	–	256 (32–487)	875 (106–1,676)	716 (89–1,325)	476 (57–892)
Lower respiratory infections	91,986 (86,037–97,337)	7,364 (5,893–8,865)	8,197 (7,097–9,384)	34,804 (31,445–38,430)	24,134 (21,292–27,381)	2,814 (2,161–3,366)	1,470 (1,087–1,747)
Influenza	14,406 (12,516–16,575)	1,032 (725–1,392)	1,144 (874–1,461)	4,963 (3,906–6,321)	3,574 (3,005–4,345)	496 (378–615)	294 (214–370)
Pneumococcal pneumonia	21,858 (19,232–24,774)	1,343 (977–1,774)	1,482 (1,148–1,894)	6,322 (5,005–7,988)	7,044 (6,061–8,170)	712 (536–889)	303 (222–374)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Females, All Ages**	**Females, 0-6 Days**	**Females, 7-27 Days**	**Females, 28-364 Days**	**Females, 1-4 Years**	**Females, 5-9 Years**	**Females, 10-14 Years**
H influenzae type B pneumonia	19,525 (16,924–22,382)	1,635 (1,204–2,105)	1,802 (1,399–2,279)	7,882 (6,278–9,597)	5,545 (4,705–6,584)	619 (466–779)	289 (211–361)
Respiratory syncytial virus pneumonia	21,292 (17,741–25,402)	2,616 (1,958–3,378)	2,947 (2,317–3,667)	12,182 (10,044–14,642)	3,372 (2,791–4,099)	28 (22–34)	15 (11–17)
Other lower respiratory infections	14,904 (12,655–17,760)	738 (478–1,106)	822 (551–1,211)	3,456 (2,415–4,902)	4,598 (3,615–5,730)	959 (720–1,200)	569 (410–705)
Upper respiratory infections	115 (107–121)	8 (7–10)	10 (8–11)	45 (40–50)	30 (27–34)	5 (4–6)	2 (2–3)
Otitis media	179 (0–2,095)	3 (0–30)	10 (0–118)	113 (0–1,370)	20 (0–221)	5 (0–53)	4 (0–44)
Meningitis	16,142 (13,760–20,833)	638 (402–917)	1,591 (1,103–2,326)	5,181 (3,882–7,091)	4,771 (3,470–7,119)	1,104 (716–1,648)	503 (356–765)
Pneumococcal meningitis	3,986 (3,354–5,150)	120 (74–179)	300 (198–461)	935 (675–1,327)	1,306 (931–1,980)	354 (217–544)	169 (115–264)
H influenzae type B meningitis	4,451 (3,612–5,999)	174 (110–255)	445 (293–685)	1,445 (1,043–1,995)	1,707 (1,225–2,550)	375 (229–590)	121 (80–194)
Meningococcal infection	2,443 (2,040–3,140)	75 (43–122)	188 (116–279)	529 (375–756)	871 (636–1,333)	210 (148–295)	106 (79–154)
Other meningitis	5,261 (4,378–6,683)	269 (169–377)	658 (459–967)	2,272 (1,688–3,110)	887 (653–1,305)	164 (109–247)	107 (76–159)
Encephalitis	4,847 (3,964–6,194)	160 (98–263)	422 (210–773)	1,364 (925–1,961)	1,318 (852–1,990)	545 (276–950)	218 (101–434)
Diphtheria	245 (0–2,073)	–	–	57 (0–472)	147 (0–1,253)	28 (0–241)	7 (0–58)
Whooping cough	6,836 (24–33,959)	–	–	5,471 (19–26,923)	1,261 (4–6,421)	59 (0–292)	13 (0–66)
Tetanus	9,423 (4,875–16,586)	2,798 (1,196–5,447)	4,104 (2,029–7,284)	1,363 (553–2,495)	266 (2–1,237)	218 (1–1,000)	119 (1–555)
Measles	24,836 (7,516–56,771)	–	–	6,546 (1,923–16,064)	14,808 (4,554–32,253)	2,327 (717–5,220)	645 (184–1,606)
Varicella	337 (0–2,278)	9 (0–57)	17 (0–112)	106 (0–717)	107 (0–740)	25 (0–169)	10 (0–69)
Neglected tropical diseases and malaria	36,478 (27,251–47,696)	17 (9–38)	855 (486–1,372)	8,092 (5,150–12,199)	15,886 (10,194–22,325)	2,215 (1,434–3,332)	1,265 (899–1,803)
Malaria	31,121 (22,068–42,041)	–	810 (440–1,322)	7,667 (4,710–11,788)	14,494 (8,900–20,668)	1,432 (760–2,417)	825 (507–1,343)
Chagas disease	93 (61–132)	–	–	1 (0–1)	1 (0–1)	<0·5 (0–1)	<0·5 (0–1)
Leishmaniasis	1,638 (889–2,811)	–	16 (6–36)	198 (80–431)	510 (237–1,010)	239 (117–476)	165 (85–298)
African trypanosomiasis	925 (279–2,004)	–	–	–	113 (25–232)	87 (27–194)	96 (31–206)
Schistosomiasis	192 (0–1,160)	–	–	1 (0–5)	7 (0–43)	4 (0–22)	4 (0–26)
Cysticercosis	15 (1–57)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–1)	<0·5 (0–1)	1 (0–2)

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Cause	Females, All Ages	Females, 0-6 Days	Females, 7-27 Days	Females, 28-364 Days	Females, 1-4 Years	Females, 5-9 Years	Females, 10-14 Years
Echinococcosis	32 (1–125)	–	–	–	1 (0–2)	2 (0–6)	1 (0–6)
Dengue	354 (67–881)	–	–	47 (8–138)	135 (18–520)	54 (11–157)	19 (4–40)
Rabies	1,442 (573–4,081)	–	–	84 (21–268)	409 (105–1,398)	335 (128–934)	124 (49–366)
Intestinal nematode infections	116 (1–550)	–	–	13 (0–61)	77 (0–363)	16 (0–73)	3 (0–16)
Ascariasis	116 (1–550)	–	–	13 (0–61)	77 (0–363)	16 (0–73)	3 (0–16)
Other neglected tropical diseases	549 (310–814)	17 (9–38)	29 (15–54)	82 (41–157)	140 (47–332)	46 (16–115)	26 (11–51)
Maternal disorders	20,189 (16,810–24,262)	–	–	–	–	–	–
Maternal hemorrhage	4.640 (3,782–5,562)	–	–	–	–	–	–
Maternal sepsis	1,963 (1,626–2,417)	–	–	–	–	–	–
Hypertensive disorders of pregnancy	4.039 (3,342–4,925)	–	–	–	–	–	–
Obstructed labor	1,082 (887–1,342)	–	–	–	–	–	–
Abortion	3.191 (2,648–3,920)	–	–	–	–	–	–
Other maternal disorders	5,274 (4,339–6,279)	–	–	–	–	–	–
Neonatal disorders	109.498 (87,952–129,693)	84.310 (66,979–102,679)	18.812 (14,493–23,240)	6.163 (4,320–7,792)	213 (149–303)	–	–
Preterm birth complications	43,103 (32,027–53,320)	34,868 (25,722–44,099)	6,158 (4,056–8,109)	2,036 (1,243–2,795)	41 (20–74)	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	22.266 (14,706–31,071)	18.794 (12,018–26,747)	2.685 (1,671–4,076)	717 (430–1,055)	70 (30–132)	–	–
Sepsis and other infectious disorders of the newborn baby	18,723 (7,618–35,508)	13,382 (5,368–25,252)	4,109 (1,627–8,004)	1,213 (408–2,702)	19 (4–49)	–	–
Other neonatal disorders	25.406 (17,641–33,414)	17.266 (11,379–24,113)	5.860 (4,092–7,644)	2.197 (1,368–3,211)	83 (37–158)	–	–
Nutritional deficiencies	29,612 (23,861–38,657)	–	–	10,106 (7,767–13,189)	11,735 (8,477–16,313)	1,179 (731–1,936)	635 (397–1,056)
Protein-energy malnutrition	27,472 (19,579–36,742)	–	–	9,691 (6,556–13,403)	11,095 (7,658–15,044)	1,081 (662–1,860)	556 (328–953)
Iodine deficiency	43 (31–56)	–	–	11 (8–16)	6 (4–8)	2 (1–2)	2 (1–2)
Iron-deficiency anemia	1,908 (1,429–2,535)	–	–	343 (247–496)	603 (409–869)	90 (61–129)	73 (55–107)
Other nutritional deficiencies	188 (146–260)	–	–	61 (44–95)	31 (24–44)	6 (4–8)	4 (3–5)

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Other communicable, maternal, neonatal, and nutritional disorders	19,831 (15,026–25,339)	4,335 (2,756–6,619)	1,738 (1,162–2,386)	4,974 (3,490–6,822)	3,087 (1,905–4,421)	895 (632–1,302)	442 (334–570)
Sexually transmitted diseases excluding HIV	8,330 (4,971–13,198)	3,807 (2,233–6,084)	978 (577–1,537)	2,503 (1,479–4,028)	590 (353–949)	164 (97–259)	15 (8–24)
Syphilis	8,069 (4,693–12,790)	3,807 (2,214–6,046)	978 (572–1,542)	2,503 (1,454–3,963)	590 (335–949)	164 (93–262)	1 (1–2)
Sexually transmitted chlamydial diseases	61 (33–81)	–	–	–	–	–	3 (2–5)
Gonococcal infection	46 (25–61)	–	–	–	–	–	3 (2–4)
Other sexually transmitted diseases	155 (84–204)	–	–	–	–	–	8 (5–13)
Hepatitis	4,404 (3,999–4,838)	–	–	642 (461–874)	739 (523–990)	291 (213–383)	222 (174–284)
Acute hepatitis A	2,123 (940–3,261)	–	–	496 (173–867)	466 (93–900)	108 (25–229)	75 (25–141)
Acute hepatitis B	851 (516–1,134)	–	–	146 (56–269)	68 (22–139)	21 (8–40)	14 (7–26)
Acute hepatitis C	106 (48–176)	–	–	–	–	<0·5 (0–1)	3 (1–10)
Acute hepatitis E	1,324 (750–2,145)	–	–	–	205 (91–367)	162 (78–275)	130 (63–233)
Other infectious diseases	7,097 (3,895–9,735)	528 (262–822)	760 (381–1,186)	1,829 (837–3,025)	1,758 (690–2,912)	441 (213–806)	205 (109–320)
Non-communicable diseases	282,890 (266,818–299,276)	7,840 (6,333–10,277)	4,494 (3,422–5,920)	15,137 (12,072–18,245)	16,090 (13,099–19,003)	4,864 (4,098–5,641)	4,016 (3,525–4,536)
Neoplasms	63,485 (57,968–69,054)	58 (34–101)	63 (30–137)	478 (296–785)	922 (581–1,339)	915 (666–1,166)	760 (576–937)
Esophageal cancer	2.751 (1,792–3,703)	–	–	–	–	–	–
Stomach cancer	6,750 (4,005–10,312)	–	–	–	–	–	–
Liver cancer	3,613 (2,734–4,453)	–	–	–	–	30 (15–64)	30 (15–54)
Liver cancer secondary to hepatitis B	1,349 (1,013–1,695)	–	–	–	–	5 (3–12)	8 (4–15)
Liver cancer secondary to hepatitis C	936 (710–1,083)	–	–	–	–	1 (0–2)	1 (1–3)
Liver cancer secondary to alcohol use	756 (554–936)	–	–	–	–	–	–
Other liver cancer	572 (418–727)	–	–	–	–	24 (12–50)	20 (10–36)
Larynx cancer	258 (126–388)	–	–	–	–	–	–
Trachea, bronchus and lung cancers	6.282 (4,645–9,773)	–	–	–	–	–	–

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Breast cancer	8,341 (8,129–8,743)	–	–	–	–	–	–
Cervical cancer	5.471 (3,470–7,549)	–	–	–	–	–	–
Uterine cancer	969 (539–1,699)	–	–	–	–	–	–
Prostate cancer	–	–	–	–	–	–	–
Colon and rectum cancers	4,878 (3,674–5,839)	–	–	–	–	–	–
Mouth cancer	788 (526–932)	–	–	–	–	–	–
Nasopharynx cancer	483 (274–675)	–	–	–	–	5 (2–9)	10 (5–17)
Cancer of other part of pharynx and oropharynx	642 (277–980)	–	–	–	–	–	–
Gallbladder and biliary tract cancer	1,237 (669–1,953)	–	–	–	–	–	–
Pancreatic cancer	1.766 (1,125–2,749)	–	–	–	–	–	–
Malignant melanoma of skin	356 (193–571)	–	–	–	–	–	–
Non-melanoma skin cancer	155 (66–280)	–	–	–	–	–	–
Ovarian cancer	2,946 (2,114–3,562)	–	–	–	–	–	–
Testicular cancer	–	–	–	–	–	–	–
Kidney and other urinary organ cancers	809 (467–1,320)	–	–	15 (5–35)	56 (22–126)	34 (14–77)	14 (4–37)
Bladder cancer	599 (492–658)	–	–	–	–	–	–
Brain and nervous system cancers	1,943 (1,033–3,160)	–	–	–	78 (28–205)	160 (85–249)	102 (55–159)
Thyroid cancer	339 (224–440)	–	–	–	–	–	10 (4–19)
Hodgkin's disease	284 (143–430)	3 (1–6)	1 (0–2)	4 (2–8)	16 (4–41)	15 (7–26)	16 (8–27)
Non-Hodgkin's lymphoma	1,724 (1,198–2,197)	–	–	26 (11–52)	118 (51–224)	109 (52–182)	71 (38–109)
Multiple myeloma	474 (290–768)	–	–	–	–	–	–
Leukemia	3,910 (2,605–5,759)	–	–	203 (125–437)	408 (248–672)	355 (224–539)	330 (200–485)
Other neoplasms	5,718 (3,760–7,821)	55 (32–98)	62 (29–136)	230 (109–476)	246 (108–493)	206 (111–354)	178 (103–267)

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Cardiovascular and circulatory diseases	102,667 (90,264–119,659)	416 (273–537)	404 (280–543)	1,943 (1,477–2,821)	2,005 (1,436–2,739)	733 (568–966)	782 (596–999)
Rheumatic heart disease	7,295 (6,684–7,963)	–	–	–	236 (100–320)	130 (96–179)	212 (159–317)
Ischemic heart disease	38,215 (36,773–42,399)	–	–	401 (251–560)	388 (244–513)	148 (108–190)	155 (120–191)
Cerebrovascular disease	41,014 (36,804–47,931)	168 (105–234)	168 (107–240)	542 (336–774)	560 (366–789)	226 (166–294)	225 (162–281)
Ischemic stroke	15,794 (14,597–17,600)	–	–	121 (85–169)	146 (104–207)	42 (32–57)	33 (25–49)
Hemorrhagic and other non-ischemic stroke	25,221 (20,380–29,597)	168 (106–254)	168 (105–244)	422 (244–669)	414 (254–629)	184 (129–251)	192 (132–257)
Hypertensive heart disease	5,842 (4,025–8,217)	–	–	92 (57–140)	117 (73–176)	30 (19–44)	22 (14–33)
Cardiomyopathy and myocarditis	3,357 (2,406–4,634)	96 (52–174)	122 (52–264)	292 (134–660)	288 (104–727)	93 (47–194)	75 (41–141)
Atrial fibrillation and flutter	246 (190–342)	–	–	–	–	–	–
Aortic aneurysm	884 (517–1,257)	–	–	–	–	–	–
Peripheral vascular disease	117 (56–158)	–	–	–	–	–	–
Endocarditis	668 (479–899)	24 (14–39)	24 (14–33)	118 (80–172)	114 (77–162)	25 (16–37)	19 (13–27)
Other cardiovascular and circulatory diseases	5,029 (4,104–5,813)	128 (77–190)	90 (45–150)	498 (271–765)	301 (110–516)	81 (48–117)	73 (51–96)
Chronic respiratory diseases	36,486 (35,574–37,499)	229 (191–279)	340 (278–422)	2,107 (1,804–2,501)	2,169 (1,864–2,478)	361 (301–435)	283 (242–329)
Chronic obstructive pulmonary disease	25,866 (24,510–27,074)	–	–	988 (752–1,262)	718 (484–1,021)	118 (72–178)	92 (59–135)
Pneumoconiosis	938 (523–1,590)	–	–	–	38 (11–99)	11 (3–30)	7 (3–16)
Asthma	4,542 (3,248–8,059)	–	–	–	723 (233–1,397)	127 (53–265)	106 (55–225)
Other interstitial lung disease	505 (274–809)	–	–	–	39 (8–98)	7 (2–15)	4 (2–8)
Other chronic respiratory diseases	4,636 (2,457–8,745)	229 (138–406)	340 (194–607)	1,120 (425–2,477)	652 (168–1,563)	99 (35–230)	73 (32–168)
Cirrhosis of the liver	7,757 (5,868–8,814)	–	–	–	656 (434–908)	146 (103–193)	150 (105–206)
Cirrhosis of the liver secondary to hepatitis B	2,334 (1,816–2,557)	–	–	–	31 (22–42)	19 (13–25)	29 (20–40)
Cirrhosis of the liver secondary to hepatitis C	2,310 (1,882–2,617)	–	–	–	20 (14–27)	13 (10–18)	20 (14–28)
Cirrhosis of the liver secondary to alcohol use	994 (829–1,136)	–	–	–	–	–	–

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Other cirrhosis of the liver	2,119 (1,748–2,471)	–	–	–	605 (427–855)	114 (83–154)	100 (71–138)
Digestive diseases (except cirrhosis)	12,332 (11,657–13,057)	–	–	–	2,412 (1,983–2,964)	394 (329–472)	367 (301–447)
Peptic ulcer disease	3,557 (2,768–4,009)	–	–	–	437 (255–692)	101 (65–137)	124 (75–163)
Gastritis and duodenitis	206 (132–319)	–	–	–	45 (16–100)	6 (3–13)	6 (3–11)
Appendicitis	711 (445–1,168)	–	–	–	238 (124–505)	50 (30–88)	41 (23–68)
Paralytic ileus and intestinal obstruction without hernia	1,606 (849–1,992)	–	–	–	381 (176–635)	70 (30–118)	56 (26–104)
Inguinal or femoral hernia	313 (304–323)	–	–	–	107 (100–115)	17 (16–17)	8 (8–9)
Noninfective inflammatory bowel disease	695 (207–1,080)	–	–	–	366 (36–684)	32 (6–63)	17 (5–34)
Vascular disorders of intestine	406 (218–751)	–	–	–	18 (4–40)	5 (1–15)	3 (1–8)
Gall bladder and bile duct disease	1,011 (782–1,449)	–	–	–	133 (44–261)	20 (12–35)	23 (11–48)
Pancreatitis	518 (355–685)	–	–	–	27 (7–53)	8 (4–14)	7 (4–11)
Other digestive diseases	3,308 (1,990–4,673)	–	–	–	662 (297–1,227)	84 (47–157)	82 (41–150)
Neurological disorders	9,041 (5,745–12,260)	–	–	668 (359–1,284)	1,328 (559–2,926)	552 (338–856)	435 (272–625)
Alzheimer's disease and other dementias	1,090 (780–1,642)	–	–	–	–	52 (25–93)	29 (14–56)
Parkinson's disease	345 (220–494)	–	–	–	–	–	–
Epilepsy	3,106 (1,767–4,722)	–	–	244 (110–445)	819 (246–2,169)	226 (120–388)	181 (108–254)
Multiple sclerosis	271 (162–363)	–	–	–	–	–	–
Other neurological disorders	4,229 (1,823–6,982)	–	–	424 (182–962)	509 (205–1,303)	274 (113–524)	225 (96–407)
Mental and behavioral disorders	1,426 (908–2,022)	6 (2–11)	7 (2–13)	30 (12–64)	93 (29–191)	23 (10–42)	19 (8–38)
Schizophrenia	293 (159–403)	–	–	–	–	–	–
Alcohol use disorders	501 (205–934)	–	–	–	–	–	–
Drug use disorders	451 (219–738)	6 (2–11)	7 (2–13)	30 (12–64)	79 (19–174)	15 (5–33)	14 (5–31)
Opioid use disorders	145 (69–235)	2 (1–4)	2 (1–4)	10 (4–20)	25 (6–55)	5 (2–11)	4 (2–10)

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Cocaine use disorders	21 (10–32)	<0·5 (0–0·5)	<0·5 (0–1)	1 (1–3)	3 (1–7)	1 (0–1)	1 (0–1)
Amphetamine use disorders	6 (2–10)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–1)	1 (0–3)	<0·5 (0–0·5)	<0·5 (0–0·5)
Other drug use disorders	279 (135–449)	3 (1–7)	4 (1–8)	19 (7–39)	50 (12–110)	9 (3–20)	8 (3–19)
Eating disorders	89 (34–154)	–	–	–	–	4 (1–9)	4 (1–7)
Other mental and behavioral disorders	91 (37–149)	–	–	–	14 (3–31)	4 (1–9)	2 (1–4)
Diabetes, urogenital, blood, and endocrine diseases	22,537 (18,639–27,985)	238 (137–374)	246 (117–384)	1,707 (1,013–2,459)	2,691 (1,136–4,370)	947 (540–1,723)	718 (481–1,070)
Diabetes mellitus	8,090 (7,317–9,244)	37 (22–53)	32 (20–46)	211 (117–311)	202 (116–282)	73 (47–104)	86 (56–121)
Acute glomerulonephritis	2,425 (928–7,071)	–	–	313 (98–928)	664 (126–1,952)	277 (60–997)	188 (52–492)
Chronic kidney diseases	5,108 (3,869–6,260)	–	–	301 (155–494)	391 (175–616)	164 (87–290)	133 (77–213)
Chronic kidney disease due to diabetes mellitus	1,003 (789–1,286)	–	–	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Chronic kidney disease due to hypertension	987 (754–1,244)	–	–	34 (18–58)	46 (20–73)	21 (11–37)	19 (11–31)
Chronic kidney disease unspecified	3,118 (2,311–3,773)	–	–	266 (137–441)	345 (153–533)	143 (75–250)	114 (66–182)
Urinary diseases and male infertility	1,537 (971–1,919)	18 (9–35)	24 (10–42)	99 (45–180)	110 (47–209)	26 (13–39)	29 (18–42)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	956 (632–1,296)	12 (5–19)	16 (6–32)	78 (32–165)	82 (32–149)	14 (7–21)	15 (8–23)
Urolithiasis	188 (92–332)	–	–	–	–	6 (2–14)	6 (2–14)
Other urinary diseases	393 (238–524)	6 (3–20)	8 (3–21)	21 (9–41)	29 (10–69)	6 (3–10)	7 (4–11)
Gynecological diseases	187 (121–253)	–	–	–	–	–	–
Uterine fibroids	14 (9–19)	–	–	–	–	–	–
Endometriosis	<0·5 (0–0·5)	–	–	–	–	–	–
Genital prolapse	4 (3–4)	–	–	–	–	–	–
Other gynecological diseases	170 (109–232)	–	–	–	–	–	–
Hemoglobinopathies and hemolytic anemias	3,187 (1,252–5,502)	98 (42–163)	95 (35–153)	415 (144–738)	964 (182–2,020)	281 (102–545)	202 (94–370)
Thalassemias	893 (360–1,293)	3 (2–5)	8 (3–13)	68 (23–114)	232 (51–403)	115 (35–198)	91 (36–144)

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Sickle cell disorders	907 (398–1,478)	6 (3–8)	16 (8–25)	138 (54–219)	376 (92–704)	109 (52–193)	64 (39–110)
G6PD deficiency	81 (42–123)	<0·5 (0–0·5)	1 (0–1)	6 (2–12)	22 (6–47)	12 (5–22)	7 (4–13)
Other hemoglobinopathies and hemolytic anemias	1,306 (408–2,536)	89 (45–149)	71 (23–136)	203 (43–423)	334 (14–1,074)	45 (5–157)	40 (9–113)
Other endocrine, nutritional, blood, and immune disorders	2,002 (727–3,371)	84 (21–207)	94 (21–215)	369 (110–737)	360 (66–901)	126 (28–297)	80 (22–184)
Musculoskeletal disorders	1,164 (632–1,615)	–	–	–	–	27 (12–42)	40 (20–61)
Rheumatoid arthritis	425 (277–613)	–	–	–	–	9 (4–20)	8 (5–18)
Other musculoskeletal disorders	739 (495–887)	–	–	–	–	18 (8–29)	32 (15–49)
Other non-communicable diseases	25,994 (19,996–34,984)	6,894 (5,417–9,384)	3,434 (2,417–4,999)	8,203 (5,714–11,438)	3,813 (2,576–5,905)	766 (549–1,096)	462 (342–706)
Congenital anomalies	23,014 (17,480–32,487)	6,894 (5,417–9,384)	3,062 (2,258–4,539)	7,021 (4,821–10,505)	3,411 (2,211–5,478)	711 (492–1,041)	410 (295–663)
Neural tube defects	4,403 (1,891–7,406)	2,044 (963–3,474)	628 (252–1,135)	947 (344–1,866)	453 (120–1,010)	103 (34–234)	72 (22–207)
Congenital heart anomalies	9,205 (6,868–13,014)	2,450 (1,778–3,121)	1,212 (814–1,891)	2,701 (1,776–4,191)	1,510 (959–2,551)	339 (206–556)	196 (112–318)
Cleft lip and cleft palate	145 (46–328)	50 (16–112)	28 (9–66)	51 (16–125)	16 (5–39)	–	–
Down's syndrome	908 (318–1,718)	141 (55–276)	110 (34–237)	279 (91–580)	216 (50–503)	35 (10–89)	22 (7–55)
Other chromosomal abnormalities	1,528 (458–4,068)	445 (150–1,164)	276 (87–727)	571 (136–1,785)	139 (28–450)	30 (7–104)	20 (4–67)
Other congenital anomalies	6,825 (3,415–10,827)	1,765 (986–2,736)	808 (393–1,337)	2,472 (1,076–4,365)	1,077 (382–2,112)	204 (89–419)	101 (45–200)
Skin and subcutaneous diseases	1,831 (1,148–2,380)	–	–	405 (209–640)	402 (149–720)	55 (31–83)	52 (29–80)
Cellulitis	525 (324–677)	–	–	85 (44–135)	127 (46–225)	21 (12–32)	18 (10–28)
Abscess, impetigo, and other bacterial skin diseases	978 (586–1,329)	–	–	319 (166–501)	262 (96–462)	29 (17–45)	26 (15–40)
Decubitus ulcer	321 (222–420)	–	–	–	12 (4–21)	4 (2–6)	7 (4–11)
Other skin and subcutaneous diseases	7 (1–3)	–	–	1 (0–0)	1 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)
Sudden infant death syndrome	1,149 (456–2,987)	–	372 (100–1,295)	777 (339–1,940)	–	–	–
Injuries	69,763 (63,691–79,045)	757 (613–902)	818 (641–1,012)	5,557 (4,409–6,641)	13,995 (11,407–16,837)	4,848 (4,187–5,734)	3,546 (3,150–4,208)
Transport injuries	12,493 (9,800–15,468)	41 (21–72)	55 (31–83)	470 (311–701)	2,080 (1,376–3,009)	1,178 (901–1,499)	809 (608–1,020)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Females, All Ages	Females, 0-6 Days	Females, 7-27 Days	Females, 28-364 Days	Females, 1-4 Years	Females, 5-9 Years	Females, 10-14 Years
Road injury	11,744 (9,454–13,511)	32 (18–59)	46 (30–72)	436 (312–656)	1,930 (1,519–2,618)	1,115 (918–1,344)	762 (606–910)
Pedestrian injury by road vehicle	2,833 (1,748–3,968)	7 (2–14)	8 (2–14)	72 (22–148)	632 (236–1,267)	365 (206–524)	210 (131–291)
Pedal cycle vehicle	583 (333–929)	–	–	–	65 (21–145)	62 (30–127)	59 (34–105)
Motorized vehicle with two wheels	1,323 (876–1,962)	3 (1–6)	4 (1–8)	45 (15–91)	164 (60–294)	83 (41–147)	70 (39–115)
Motorized vehicle with three or more wheels	4,872 (3,454–6,767)	22 (10–51)	22 (7–48)	224 (78–421)	759 (285–1,272)	416 (231–647)	276 (178–421)
Road injury other	2,133 (637–3,971)	<0·5 (0–0·5)	13 (4–29)	95 (26–250)	311 (78–809)	189 (54–405)	146 (43–315)
Other transport injury	749 (374–1,106)	9 (3–18)	9 (3–15)	35 (11–68)	150 (28–293)	63 (22–138)	47 (22–90)
Unintentional injuries other than transport injuries	40,450 (35,478–47,264)	551 (427–686)	678 (525–886)	4,739 (3,655–5,857)	11,286 (8,868–13,852)	3,411 (2,846–4,174)	2,122 (1,813–2,586)
Falls	4,018 (3,266–5,180)	35 (22–49)	31 (21–55)	312 (200–548)	943 (521–1,516)	280 (197–393)	164 (116–226)
Drowning	9,467 (7,284–11,919)	31 (19–56)	20 (12–39)	413 (264–589)	4,542 (3,222–6,080)	1,179 (861–1,530)	753 (563–967)
Fire, heat and hot substances	8,666 (6,340–10,944)	33 (23–50)	72 (51–97)	622 (409–855)	2,048 (1,171–3,060)	605 (400–888)	290 (198–410)
Poisonings	3,867 (2,886–6,878)	30 (20–52)	57 (32–111)	263 (167–455)	809 (471–1,570)	218 (150–418)	189 (129–385)
Exposure to mechanical forces	4,844 (2,685–9,082)	31 (12–73)	36 (15–87)	195 (91–346)	1,275 (437–2,786)	541 (233–1,162)	338 (149–753)
Mechanical forces (firearm)	2,488 (625–5,451)	19 (3–53)	<0·5 (0–1)	85 (22–196)	463 (79–1,212)	266 (59–719)	208 (43–574)
Mechanical forces (other)	2,356 (811–4,572)	11 (3–25)	35 (12–75)	110 (25–229)	813 (190–2,049)	275 (86–718)	129 (47–358)
Adverse effects of medical treatment	688 (311–986)	24 (10–41)	31 (12–52)	131 (45–229)	124 (33–227)	24 (10–37)	17 (7–25)
Animal contact	2,163 (1,135–3,160)	51 (21–112)	64 (26–130)	301 (99–600)	553 (161–973)	225 (100–383)	145 (64–250)
Animal contact (venomous)	1,526 (595–2,646)	25 (7–67)	64 (25–132)	169 (50–358)	365 (110–764)	177 (62–354)	108 (36–212)
Animal contact (non-venomous)	637 (187–1,339)	26 (6–83)	<0·5 (0–0·5)	132 (25–408)	188 (43–489)	48 (15–102)	37 (14–79)
Unintentional injuries not classified elsewhere	6,737 (4,870–8,172)	316 (169–438)	367 (226–518)	2,502 (1,675–3,442)	992 (649–1,395)	338 (226–467)	226 (150–316)
Self-harm and interpersonal violence	15,010 (10,851–19,591)	105 (58–146)	36 (17–64)	176 (123–221)	391 (244–548)	208 (152–262)	485 (348–728)
Self-harm	11,346 (7,570–16,048)	–	–	–	–	45 (27–82)	328 (208–569)
Interpersonal violence	3,663 (2,794–4,058)	105 (58–146)	36 (17–64)	176 (123–221)	391 (244–548)	163 (111–198)	157 (115–186)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Females, All Ages**	**Females, 0-6 Days**	**Females, 7-27 Days**	**Females, 28-364 Days**	**Females, 1-4 Years**	**Females, 5-9 Years**	**Females, 10-14 Years**
Assault by firearm	993 (497–1,644)	6 (2–13)	19 (1–96)	21 (8–42)	55 (17–135)	32 (13–59)	41 (19–72)
Assault by sharp object	791 (490–1,179)	8 (4–18)	1 (0–3)	15 (7–28)	40 (12–99)	19 (9–35)	25 (14–39)
Assault by other means	1,879 (1,381–2,265)	90 (55–143)	16 (3–28)	139 (83–199)	296 (130–464)	112 (69–148)	91 (61–123)
Forces of nature, war, and legal intervention	1,810 (1,219–3,389)	60 (42–86)	48 (35–62)	172 (130–226)	238 (190–305)	51 (41–65)	130 (71–299)
Exposure to forces of nature	544 (331–1,091)	23 (15–34)	16 (11–22)	64 (43–93)	52 (36–72)	15 (12–21)	38 (17–96)
Collective violence and legal intervention	1,266 (869–2,279)	37 (23–57)	33 (23–44)	107 (80–143)	186 (150–235)	36 (29–44)	92 (52–203)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
All causes	21,665 (20,096–23,582)	24,940 (23,229–27,142)	22,792 (21,311–24,637)	21,150 (19,838–22,656)	22,568 (20,706–24,586)	20,466 (19,201–22,015)	20,744 (19,416–22,146)
Communicable, maternal, neonatal, and nutritional disorders	9,571 (8,314–11,075)	12,550 (11,248–14,116)	11,614 (10,426–13,077)	9,700 (8,701–10,998)	9,059 (7,968–10,325)	6,199 (5,540–7,030)	5,036 (4,515–5,638)
HIV/AIDS and tuberculosis	1,166 (992–1,452)	2,402 (2,018–2,982)	2,929 (2,528–3,429)	2,535 (2,122–3,028)	2,465 (2,040–2,924)	1,807 (1,502–2,154)	1,665 (1,380–2,003)
Tuberculosis	946 (785–1,215)	1,641 (1,308–2,209)	1,922 (1,567–2,394)	1,711 (1,369–2,129)	1,803 (1,431–2,193)	1,380 (1,131–1,693)	1,336 (1,089–1,640)
HIV/AIDS	219 (159–301)	761 (577–998)	1,007 (790–1,263)	824 (624–1,074)	661 (405–892)	426 (269–610)	329 (189–506)
HIV disease resulting in mycobacterial infection	44 (30–63)	159 (115–218)	204 (156–263)	163 (119–218)	129 (71–179)	82 (47–119)	63 (30–100)
HIV disease resulting in other specified or unspecified diseases	175 (122–246)	602 (440–808)	803 (623–1,024)	662 (497–877)	532 (332–729)	345 (218–496)	266 (155–410)
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	3,158 (2,601–3,833)	3,092 (2,598–3,592)	2,610 (2,196–3,077)	2,214 (1,885–2,591)	2,136 (1,814–2,509)	1,627 (1,390–1,891)	1,581 (1,363–1,823)
Diarrheal diseases	1,098 (825–1,481)	1,225 (970–1,546)	1,067 (845–1,357)	919 (729–1,174)	878 (676–1,143)	649 (511–807)	640 (527–790)
Cholera	43 (27–66)	48 (32–69)	41 (28–61)	36 (24–52)	34 (22–50)	24 (16–36)	20 (14–29)
Other salmonella infections	125 (84–184)	131 (93–183)	106 (73–152)	85 (59–121)	74 (50–105)	50 (34–74)	46 (32–63)
Shigellosis	141 (91–221)	149 (100–211)	122 (81–177)	97 (64–140)	84 (53–125)	58 (37–85)	59 (40–82)
Enteropathogenic E coli infection	23 (14–38)	22 (14–33)	17 (11–25)	12 (7–18)	8 (5–14)	5 (3–9)	6 (4–10)
Enterotoxigenic E coli infection	97 (63–150)	117 (79–168)	112 (74–164)	105 (69–154)	108 (70–159)	83 (55–119)	80 (55–113)
Campylobacter enteritis	63 (39–101)	68 (45–100)	57 (37–88)	48 (32–71)	44 (28–65)	32 (21–48)	32 (21–45)
Amoebiasis	37 (23–56)	47 (31–68)	48 (31–73)	47 (31–69)	50 (31–75)	40 (25–60)	40 (27–57)
Cryptosporidiosis	27 (16–42)	29 (19–42)	25 (16–37)	21 (14–30)	19 (12–28)	13 (9–20)	13 (9–19)
Rotaviral enteritis	122 (81–182)	127 (87–180)	106 (70–156)	85 (56–122)	73 (48–108)	53 (35–76)	56 (38–78)
Other diarrheal diseases	420 (238–693)	485 (286–746)	432 (246–664)	385 (226–591)	384 (228–621)	290 (179–440)	290 (181–419)
Typhoid and paratyphoid fevers	392 (48–726)	304 (37–560)	224 (27–416)	162 (20–302)	117 (14–219)	77 (9–145)	53 (6–101)
Lower respiratory infections	871 (647–1,018)	908 (686–1,065)	835 (643–988)	743 (559–880)	788 (615–933)	670 (505–789)	639 (494–755)
Influenza	184 (136–218)	201 (154–240)	193 (148–232)	179 (137–214)	198 (155–235)	171 (128–203)	158 (121–188)
Pneumococcal pneumonia	206 (152–248)	238 (179–280)	244 (184–292)	235 (178–282)	268 (205–316)	240 (179–289)	230 (178–276)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
H influenzae type B pneumonia	168 (125–203)	169 (129–202)	151 (117–181)	131 (103–155)	138 (108–164)	113 (85–135)	100 (78–120)
Respiratory syncytial virus pneumonia	9 (6–10)	9 (7–11)	8 (6–10)	7 (6–9)	8 (6–9)	7 (5–8)	6 (5–8)
Other lower respiratory infections	305 (223–358)	291 (221–350)	239 (178–289)	189 (142–235)	177 (133–221)	140 (101–177)	145 (110–179)
Upper respiratory infections	1 (1–1)	1 (1–1)	1 (1–2)	1 (1–2)	1 (1–1)	1 (0–1)	1 (0–1)
Otitis media	4 (0–46)	2 (0–27)	2 (0–22)	2 (0–24)	2 (0–21)	2 (0–18)	2 (0–21)
Meningitis	337 (261–465)	320 (240–445)	259 (192–357)	218 (159–300)	204 (143–299)	133 (101–178)	140 (102–204)
Pneumococcal meningitis	115 (87–165)	118 (86–173)	97 (70–143)	80 (56–115)	73 (49–112)	45 (33–64)	48 (34–72)
H influenzae type B meningitis	51 (38–74)	26 (19–39)	10 (7–15)	10 (6–14)	10 (7–16)	7 (5–10)	8 (6–13)
Meningococcal infection	75 (59–99)	69 (53–93)	57 (43–78)	46 (35–63)	42 (30–60)	27 (21–36)	27 (20–38)
Other meningitis	96 (74–129)	107 (80–146)	95 (70–130)	83 (59–112)	79 (56–115)	55 (41–74)	57 (41–84)
Encephalitis	114 (65–208)	133 (72–236)	98 (53–181)	76 (40–139)	70 (35–136)	38 (21–71)	52 (28–100)
Diphtheria	2 (0–15)	1 (0–7)	1 (0–6)	1 (0–4)	<0·5 (0–4)	<0·5 (0–3)	<0·5 (0–4)
Whooping cough	6 (0–32)	4 (0–21)	4 (0–19)	3 (0–17)	3 (0–13)	3 (0–13)	2 (0–12)
Tetanus	72 (0–341)	61 (0–288)	53 (0–240)	49 (0–230)	48 (0–225)	41 (0–192)	41 (0–194)
Measles	253 (72–643)	125 (35–318)	60 (17–153)	31 (9–80)	18 (5–45)	10 (3–25)	6 (2–15)
Varicella	7 (0–44)	6 (0–40)	7 (0–44)	8 (0–54)	6 (0–40)	4 (0–24)	3 (0–22)
Neglected tropical diseases and malaria	1,258 (810–2,091)	1,140 (758–1,809)	946 (598–1,574)	773 (496–1,269)	704 (450–1,195)	573 (381–955)	482 (325–780)
Malaria	911 (499–1,749)	827 (483–1,474)	678 (371–1,303)	537 (283–1,056)	483 (258–981)	398 (226–781)	333 (192–638)
Chagas disease	1 (0–2)	2 (0–4)	2 (1–5)	5 (2–10)	6 (3–11)	8 (3–15)	10 (4–21)
Leishmaniasis	112 (55–208)	87 (46–151)	65 (35–111)	52 (28–88)	46 (25–79)	37 (19–63)	30 (16–51)
African trypanosomiasis	118 (39–254)	117 (38–263)	105 (34–236)	92 (31–212)	73 (22–160)	51 (16–113)	34 (9–75)
Schistosomiasis	7 (0–41)	8 (0–49)	9 (0–55)	10 (0–59)	15 (0–89)	16 (0–91)	16 (0–100)
Cysticercosis	1 (0–4)	1 (0–6)	2 (0–7)	2 (0–7)	1 (0–6)	1 (0–5)	1 (0–4)
Echinococcosis	1 (0–5)	2 (0–6)	2 (0–7)	2 (0–9)	2 (0–9)	2 (0–9)	2 (0–8)

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Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
Dengue	14 (3–30)	11 (2–27)	12 (2–31)	10 (2–23)	12 (2–34)	7 (1–19)	7 (1–19)
Rabies	72 (23–217)	61 (20–173)	51 (17–153)	44 (15–135)	45 (17–133)	36 (13–103)	34 (12–83)
Intestinal nematode infections	1 (0–7)	1 (0–5)	1 (0–3)	1 (0–3)	<0·5 (0–2)	<0·5 (0–2)	<0·5 (0–1)
Ascariasis	1 (0–7)	1 (0–5)	1 (0–3)	1 (0–3)	<0·5 (0–2)	<0·5 (0–2)	<0·5 (0–1)
Other neglected tropical diseases	21 (10–36)	22 (10–40)	20 (9–38)	19 (9–35)	20 (9–32)	16 (7–27)	15 (7–26)
Maternal disorders	2,862 (2,008–3,967)	4,750 (3,732–5,968)	4,163 (3,316–5,209)	3,340 (2,680–4,295)	2,907 (2,251–3,755)	1,480 (1,120–1,903)	687 (462–922)
Maternal hemorrhage	469 (335–628)	907 (729–1,121)	944 (755–1,179)	871 (704–1,111)	802 (623–1,028)	432 (328–550)	215 (144–284)
Maternal sepsis	353 (230–511)	550 (416–709)	414 (313–535)	283 (213–378)	226 (160–307)	100 (73–137)	37 (24–52)
Hypertensive disorders of pregnancy	828 (558–1,177)	1,023 (785–1,309)	809 (623–1,028)	578 (448–749)	480 (359–634)	225 (169–303)	96 (63–131)
Obstructed labor	123 (74–191)	306 (212–416)	234 (159–318)	162 (111–228)	154 (96–223)	76 (50–117)	27 (17–46)
Abortion	468 (306–679)	808 (610–1,047)	673 (512–867)	526 (396–696)	435 (314–590)	201 (148–278)	81 (53–111)
Other maternal disorders	620 (465–786)	1,156 (943–1,399)	1,089 (892–1,344)	920 (752–1,143)	811 (641–1,004)	446 (334–537)	232 (153–300)
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	662 (392–1,208)	657 (408–1,212)	530 (336–907)	466 (303–768)	472 (314–776)	400 (263–663)	352 (236–557)
Protein-energy malnutrition	556 (306–1,079)	545 (312–1,060)	436 (261–789)	388 (245–653)	398 (253–665)	344 (210–583)	303 (190–477)
Iodine deficiency	3 (2–4)	4 (3–6)	4 (2–5)	2 (1–3)	2 (1–2)	1 (1–2)	1 (1–1)
Iron-deficiency anemia	98 (69–143)	102 (73–145)	86 (60–124)	71 (49–98)	66 (45–92)	49 (33–68)	43 (28–57)
Other nutritional deficiencies	5 (3–6)	5 (3–7)	5 (4–6)	5 (4–6)	6 (4–8)	6 (4–8)	6 (4–7)
Other communicable, maternal, neonatal, and nutritional disorders	466 (360–583)	510 (399–645)	435 (328–553)	373 (286–463)	375 (285–466)	314 (247–391)	268 (210–330)
Sexually transmitted diseases excluding HIV	31 (17–45)	34 (17–55)	32 (15–53)	31 (14–49)	34 (13–61)	20 (10–32)	19 (9–31)

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Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
Syphilis	2 (1–3)	2 (1–3)	2 (1–3)	2 (1–2)	2 (1–3)	1 (1–2)	1 (1–2)
Sexually transmitted chlamydial diseases	7 (4–10)	7 (4–12)	7 (4–11)	7 (4–11)	7 (3–13)	4 (2–7)	4 (2–7)
Gonococcal infection	5 (3–8)	6 (3–9)	5 (3–9)	5 (3–8)	6 (2–10)	3 (2–5)	3 (2–5)
Other sexually transmitted diseases	17 (10–26)	19 (10–30)	18 (10–29)	18 (9–28)	19 (7–34)	11 (6–18)	11 (5–17)
Hepatitis	286 (214–386)	316 (238–417)	251 (194–328)	207 (166–262)	216 (163–283)	193 (146–254)	161 (122–213)
Acute hepatitis A	53 (17–108)	58 (20–122)	58 (19–122)	66 (23–134)	90 (32–185)	100 (39–213)	89 (33–187)
Acute hepatitis B	19 (8–36)	22 (10–38)	21 (11–41)	32 (16–50)	48 (25–79)	56 (31–92)	58 (34–92)
Acute hepatitis C	2 (1–5)	3 (1–8)	3 (1–6)	5 (2–12)	9 (3–18)	9 (4–18)	9 (4–18)
Acute hepatitis E	212 (104–395)	233 (117–431)	169 (81–325)	105 (51–204)	69 (31–129)	27 (8–57)	5 (1–15)
Other infectious diseases	150 (85–222)	161 (85–260)	152 (79–236)	134 (67–194)	126 (66–183)	100 (58–150)	88 (50–133)
Non-communicable diseases	5,065 (4,480–5,606)	5,719 (5,092–6,245)	6,141 (5,481–6,660)	7,361 (6,638–7,875)	9,895 (9,004–10,726)	11,553 (10,609–12,513)	13,617 (12,466–14,674)
Neoplasms	1,117 (899–1,345)	1,226 (997–1,422)	1,561 (1,314–1,817)	2,380 (2,060–2,676)	3,597 (3,137–4,027)	4,444 (3,954–4,953)	5,260 (4,700–5,736)
Esophageal cancer	8 (3–20)	15 (6–33)	25 (11–54)	39 (16–82)	82 (38–141)	156 (63–326)	218 (105–406)
Stomach cancer	19 (10–32)	83 (39–142)	166 (86–243)	312 (163–468)	446 (245–727)	480 (266–757)	523 (293–819)
Liver cancer	53 (26–111)	72 (34–141)	101 (50–212)	151 (71–277)	235 (118–369)	263 (148–359)	307 (183–399)
Liver cancer secondary to hepatitis B	18 (8–39)	26 (11–52)	37 (17–82)	57 (25–115)	92 (44–147)	103 (55–145)	120 (70–156)
Liver cancer secondary to hepatitis C	3 (1–6)	4 (2–7)	6 (3–11)	9 (4–15)	19 (10–28)	36 (22–48)	60 (36–75)
Liver cancer secondary to alcohol use	3 (1–6)	10 (5–21)	21 (10–45)	38 (19–69)	62 (31–96)	65 (37–87)	70 (42–93)
Other liver cancer	30 (15–62)	32 (15–62)	37 (19–73)	47 (23–85)	63 (31–96)	59 (34–81)	57 (34–74)
Larynx cancer	2 (1–7)	4 (1–12)	4 (1–10)	6 (2–21)	8 (3–24)	14 (6–32)	22 (9–43)
Trachea, bronchus and lung cancers	19 (11–31)	35 (21–59)	65 (33–113)	124 (72–198)	225 (141–388)	344 (227–550)	456 (298–716)
Breast cancer	13 (11–15)	37 (31–44)	124 (111–138)	361 (337–388)	695 (657–735)	912 (873–958)	995 (951–1,047)
Cervical cancer	17 (10–26)	47 (28–68)	121 (77–181)	258 (160–371)	451 (287–673)	585 (373–838)	723 (438–1,045)
Uterine cancer	12 (5–23)	9 (4–15)	13 (6–21)	18 (9–28)	31 (16–52)	47 (24–75)	61 (33–104)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
Prostate cancer	–	–	–	–	–	–	–
Colon and rectum cancers	23 (14–31)	55 (33–73)	99 (65–127)	146 (94–181)	212 (138–256)	260 (182–311)	319 (227–375)
Mouth cancer	9 (5–17)	15 (7–29)	23 (11–40)	28 (15–44)	45 (24–65)	62 (37–86)	79 (49–106)
Nasopharynx cancer	23 (10–44)	25 (12–46)	18 (8–34)	31 (15–52)	50 (24–82)	50 (23–87)	58 (29–95)
Cancer of other part of pharynx and oropharynx	15 (4–47)	15 (4–49)	24 (5–84)	36 (8–114)	41 (12–107)	53 (18–117)	70 (26–134)
Gallbladder and biliary tract cancer	14 (2–50)	14 (3–46)	20 (4–74)	25 (7–71)	33 (13–66)	54 (25–118)	78 (38–132)
Pancreatic cancer	7 (2–28)	11 (4–29)	15 (6–32)	23 (10–53)	38 (20–67)	60 (33–102)	92 (56–151)
Malignant melanoma of skin	5 (2–8)	10 (5–16)	15 (7–23)	22 (11–33)	28 (14–41)	33 (16–50)	33 (17–51)
Non-melanoma skin cancer	3 (1–6)	4 (1–7)	5 (2–9)	6 (2–11)	7 (3–13)	8 (3–14)	9 (4–16)
Ovarian cancer	58 (33–85)	64 (41–94)	71 (46–96)	92 (61–122)	150 (98–200)	221 (143–276)	311 (212–382)
Testicular cancer	–	–	–	–	–	–	–
Kidney and other urinary organ cancers	11 (3–34)	13 (5–38)	12 (4–27)	12 (5–26)	19 (9–38)	30 (15–52)	40 (21–68)
Bladder cancer	4 (3–5)	5 (3–7)	7 (5–9)	12 (7–15)	18 (12–24)	23 (17–29)	30 (21–35)
Brain and nervous system cancers	71 (38–112)	80 (39–123)	85 (42–122)	105 (53–155)	132 (66–195)	133 (66–205)	138 (72–211)
Thyroid cancer	6 (4–11)	5 (3–9)	7 (4–10)	9 (6–14)	13 (8–18)	14 (9–20)	20 (12–28)
Hodgkin's disease	17 (8–27)	25 (13–41)	28 (14–46)	24 (13–39)	20 (10–33)	17 (8–27)	14 (7–22)
Non-Hodgkin's lymphoma	87 (49–128)	88 (51–133)	72 (44–103)	74 (46–102)	71 (47–95)	80 (53–110)	91 (59–123)
Multiple myeloma	11 (2–36)	8 (2–26)	6 (2–15)	6 (2–12)	12 (5–27)	14 (7–26)	21 (12–35)
Leukemia	349 (213–528)	272 (168–433)	225 (145–341)	208 (125–320)	214 (127–326)	182 (109–265)	161 (97–230)
Other neoplasms	258 (148–389)	216 (127–320)	212 (117–309)	252 (145–362)	320 (182–470)	350 (209–535)	391 (236–561)
Cardiovascular and circulatory diseases	1,199 (861–1,476)	1,574 (1,181–1,897)	1,710 (1,284–2,106)	2,085 (1,539–2,553)	2,813 (2,161–3,637)	3,529 (2,762–4,457)	4,333 (3,355–5,319)
Rheumatic heart disease	290 (228–393)	370 (296–485)	422 (342–538)	444 (349–570)	575 (465–717)	574 (467–717)	548 (459–672)
Ischemic heart disease	332 (247–391)	480 (380–585)	478 (392–555)	652 (550–755)	830 (734–984)	1,114 (990–1,383)	1,371 (1,218–1,634)
Cerebrovascular disease	281 (211–356)	385 (305–495)	449 (362–575)	581 (470–738)	885 (746–1,142)	1,256 (1,000–1,649)	1,717 (1,380–2,161)

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Cause	Females, 15-19 Years	Females, 20-24 Years	Females, 25-29 Years	Females, 30-34 Years	Females, 35-39 Years	Females, 40-44 Years	Females, 45-49 Years
Ischemic stroke	39 (30–54)	62 (46–91)	69 (54–94)	93 (73–124)	115 (92–149)	160 (128–217)	227 (192–310)
Hemorrhagic and other non-ischemic stroke	242 (168–324)	322 (233–438)	380 (278–531)	488 (373–646)	770 (582–1,048)	1,097 (853–1,468)	1,489 (1,165–1,909)
Hypertensive heart disease	40 (25–59)	57 (37–83)	68 (43–101)	92 (61–136)	146 (94–220)	199 (128–289)	274 (179–404)
Cardiomyopathy and myocarditis	104 (61–183)	106 (65–184)	113 (73–182)	122 (83–176)	143 (103–195)	149 (114–186)	163 (127–199)
Atrial fibrillation and flutter	–	–	–	2 (1–4)	3 (2–6)	4 (2–8)	6 (4–12)
Aortic aneurysm	12 (4–27)	13 (4–25)	12 (5–22)	19 (7–36)	25 (10–54)	32 (14–73)	37 (16–78)
Peripheral vascular disease	–	–	–	–	–	3 (1–4)	3 (1–5)
Endocarditis	24 (16–34)	31 (19–49)	32 (19–48)	28 (17–43)	30 (18–48)	24 (16–36)	21 (14–32)
Other cardiovascular and circulatory diseases	116 (86–151)	132 (97–171)	136 (102–171)	146 (113–181)	175 (135–219)	174 (142–208)	193 (159–229)
Chronic respiratory diseases	385 (339–439)	451 (403–508)	532 (481–597)	573 (521–634)	884 (790–991)	966 (873–1,079)	1,293 (1,174–1,424)
Chronic obstructive pulmonary disease	148 (98–217)	189 (140–251)	249 (179–337)	284 (223–357)	512 (392–645)	601 (484–725)	862 (700–1,045)
Pneumoconiosis	10 (3–21)	16 (5–44)	12 (5–25)	15 (7–32)	23 (11–46)	27 (12–56)	34 (16–70)
Asthma	121 (74–245)	127 (79–235)	142 (90–307)	146 (97–283)	205 (126–413)	207 (138–397)	256 (173–489)
Other interstitial lung disease	8 (3–17)	7 (3–12)	11 (5–19)	13 (6–23)	19 (9–32)	19 (9–32)	25 (12–42)
Other chronic respiratory diseases	98 (51–192)	111 (53–229)	119 (58–247)	115 (61–226)	125 (62–261)	112 (60–223)	116 (61–233)
Cirrhosis of the liver	123 (86–156)	174 (126–217)	223 (150–271)	331 (236–396)	485 (357–586)	574 (418–690)	621 (459–726)
Cirrhosis of the liver secondary to hepatitis B	29 (21–38)	45 (33–58)	60 (41–74)	87 (65–107)	137 (105–167)	173 (131–206)	200 (151–238)
Cirrhosis of the liver secondary to hepatitis C	20 (15–26)	31 (23–39)	42 (30–50)	66 (51–78)	106 (85–126)	150 (121–176)	186 (152–214)
Cirrhosis of the liver secondary to alcohol use	4 (3–5)	16 (12–20)	31 (23–37)	60 (47–70)	92 (76–110)	101 (85–119)	102 (85–119)
Other cirrhosis of the liver	70 (53–91)	83 (63–104)	91 (68–110)	119 (93–141)	150 (122–179)	149 (122–175)	133 (108–155)
Digestive diseases (except cirrhosis)	512 (426–614)	557 (473–653)	517 (440–602)	534 (462–614)	547 (475–627)	554 (490–629)	561 (496–627)
Peptic ulcer disease	197 (141–267)	220 (164–282)	198 (141–259)	193 (142–249)	186 (132–238)	195 (142–248)	190 (138–242)
Gastritis and duodenitis	6 (3–12)	11 (5–21)	10 (5–17)	10 (6–17)	11 (6–18)	9 (5–15)	9 (5–16)
Appendicitis	40 (21–59)	35 (19–54)	31 (17–49)	30 (15–52)	29 (15–45)	26 (13–42)	24 (12–38)

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Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
Paralytic ileus and intestinal obstruction without hernia	54 (25–79)	59 (29–90)	58 (27–95)	60 (29–96)	69 (33–108)	64 (31–87)	68 (33–100)
Inguinal or femoral hernia	7 (6–7)	7 (7–7)	7 (6–7)	7 (7–7)	8 (7–8)	8 (8–8)	9 (9–10)
Noninfective inflammatory bowel disease	23 (7–47)	24 (8–42)	24 (10–39)	22 (10–35)	19 (10–25)	16 (10–23)	16 (10–22)
Vascular disorders of intestine	5 (2–9)	5 (2–10)	5 (2–8)	6 (3–13)	8 (3–16)	8 (5–21)	11 (6–27)
Gall bladder and bile duct disease	33 (18–67)	35 (22–63)	40 (25–73)	47 (29–81)	50 (32–88)	51 (33–87)	50 (33–80)
Pancreatitis	14 (8–22)	22 (13–32)	24 (15–35)	31 (19–43)	37 (24–51)	35 (25–48)	33 (22–46)
Other digestive diseases	132 (67–219)	139 (74–246)	120 (66–205)	128 (67–208)	131 (68–200)	142 (79–210)	152 (81–221)
Neurological disorders	471 (304–661)	475 (310–659)	403 (270–544)	379 (253–525)	386 (260–535)	352 (232–489)	348 (213–526)
Alzheimer's disease and other dementias	25 (14–41)	20 (10–46)	14 (8–25)	13 (7–24)	20 (9–39)	26 (11–51)	18 (11–28)
Parkinson's disease	–	11 (3–20)	6 (2–10)	5 (2–9)	6 (2–11)	8 (3–16)	7 (3–12)
Epilepsy	247 (161–321)	258 (163–341)	222 (141–295)	186 (117–245)	172 (110–224)	121 (74–157)	90 (53–126)
Multiple sclerosis	–	8 (3–15)	16 (7–31)	24 (12–41)	30 (16–46)	35 (19–54)	35 (20–54)
Other neurological disorders	199 (85–373)	178 (79–335)	144 (60–264)	150 (66–291)	158 (66–285)	162 (73–294)	198 (85–373)
Mental and behavioral disorders	55 (25–98)	75 (38–141)	122 (66–191)	126 (74–200)	143 (89–222)	149 (89–240)	109 (64–173)
Schizophrenia	–	–	35 (14–66)	40 (16–89)	44 (19–85)	49 (19–95)	24 (12–42)
Alcohol use disorders	9 (2–24)	11 (3–25)	21 (7–44)	34 (13–67)	55 (21–110)	68 (26–133)	62 (24–116)
Drug use disorders	33 (12–75)	51 (20–113)	53 (22–109)	40 (19–73)	33 (15–73)	24 (12–46)	16 (8–33)
Opioid use disorders	11 (4–24)	18 (7–38)	18 (7–37)	13 (6–23)	10 (4–21)	7 (3–14)	5 (2–10)
Cocaine use disorders	1 (0–3)	2 (1–5)	2 (1–5)	2 (1–4)	2 (1–4)	1 (1–2)	1 (0–2)
Amphetamine use disorders	<0·5 (0–1)	1 (0–2)	1 (0–2)	1 (0–1)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–0·5)
Other drug use disorders	20 (7–45)	30 (11–69)	32 (13–66)	25 (12–46)	21 (9–45)	15 (7–30)	10 (5–20)
Eating disorders	10 (3–19)	11 (4–22)	11 (3–25)	9 (3–19)	8 (3–16)	5 (2–10)	4 (1–8)
Other mental and behavioral disorders	3 (1–5)	2 (1–4)	3 (1–6)	3 (1–6)	3 (1–6)	3 (1–7)	4 (1–9)
Diabetes, urogenital, blood, and endocrine diseases	765 (568–1,210)	807 (615–1,150)	736 (597–960)	731 (603–928)	812 (676–1,005)	783 (666–963)	917 (801–1,101)

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Diabetes mellitus	125 (83–179)	155 (107–219)	177 (140–210)	198 (147–232)	241 (199–283)	284 (230–327)	392 (334–452)
Acute glomerulonephritis	144 (30–538)	135 (36–432)	84 (22–259)	83 (27–225)	78 (23–238)	62 (20–184)	64 (17–209)
Chronic kidney diseases	178 (119–257)	205 (137–296)	206 (146–271)	220 (165–294)	279 (195–374)	251 (177–345)	284 (206–376)
Chronic kidney disease due to diabetes mellitus	<0·5 (0–0·5)	9 (6–13)	19 (13–25)	28 (20–37)	46 (32–63)	51 (36–70)	71 (50–95)
Chronic kidney disease due to hypertension	27 (18–40)	34 (22–47)	37 (26–50)	43 (32–58)	60 (43–79)	59 (41–81)	64 (45–83)
Chronic kidney disease unspecified	151 (101–216)	162 (109–236)	150 (107–200)	148 (110–203)	173 (123–238)	141 (100–201)	149 (108–199)
Urinary diseases and male infertility	38 (19–57)	44 (25–63)	48 (27–69)	52 (29–73)	55 (33–79)	58 (32–80)	64 (37–91)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	23 (12–39)	26 (14–41)	27 (15–39)	29 (17–43)	31 (18–46)	32 (19–49)	35 (22–50)
Urolithiasis	4 (2–9)	5 (2–9)	7 (3–15)	8 (3–18)	9 (4–19)	10 (4–23)	11 (5–25)
Other urinary diseases	11 (5–17)	14 (7–22)	14 (8–23)	15 (8–22)	16 (9–25)	16 (9–23)	18 (10–28)
Gynecological diseases	22 (14–32)	18 (7–35)	21 (11–36)	20 (9–38)	25 (12–55)	22 (10–50)	13 (7–25)
Uterine fibroids	<0·5 (0–0·5)	<0·5 (0–1)	1 (0–2)	2 (1–3)	2 (1–4)	2 (1–4)	2 (1–3)
Endometriosis	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Genital prolapse	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Other gynecological diseases	22 (13–31)	17 (7–34)	20 (10–34)	18 (8–35)	23 (10–52)	20 (9–48)	11 (6–23)
Hemoglobinopathies and hemolytic anemias	186 (90–332)	177 (83–322)	134 (64–240)	99 (52–184)	73 (38–154)	51 (28–102)	47 (27–100)
Thalassemias	98 (38–158)	84 (35–138)	58 (26–93)	41 (19–65)	30 (13–53)	20 (10–36)	16 (9–26)
Sickle cell disorders	40 (25–67)	31 (20–45)	28 (17–41)	23 (13–35)	18 (9–27)	13 (7–23)	11 (6–18)
G6PD deficiency	5 (3–8)	4 (2–6)	3 (2–5)	3 (2–4)	2 (1–4)	2 (1–3)	2 (1–3)
Other hemoglobinopathies and hemolytic anemias	43 (13–107)	58 (15–121)	46 (9–99)	32 (8–70)	24 (5–55)	17 (4–42)	19 (5–45)
Other endocrine, nutritional, blood, and immune disorders	72 (24–154)	73 (26–158)	67 (24–142)	60 (23–109)	60 (23–107)	54 (22–93)	53 (22–83)
Musculoskeletal disorders	77 (42–129)	98 (46–157)	80 (40–120)	77 (37–117)	77 (37–117)	64 (36–95)	60 (31–88)
Rheumatoid arthritis	11 (7–20)	16 (8–31)	13 (7–27)	17 (9–31)	18 (10–32)	20 (12–33)	20 (13–34)
Other musculoskeletal disorders	66 (38–105)	82 (43–133)	66 (40–97)	60 (35–88)	60 (35–91)	45 (30–63)	40 (24–55)

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Other non-communicable diseases	361 (280–490)	282 (212–388)	257 (188–356)	146 (109–186)	149 (112–193)	139 (95–197)	115 (88–155)
Congenital anomalies	277 (203–396)	218 (152–322)	189 (132–281)	90 (60–122)	88 (60–123)	63 (45–89)	60 (42–84)
Neural tube defects	30 (11–76)	19 (7–43)	24 (7–66)	10 (4–23)	11 (4–25)	9 (3–23)	6 (2–16)
Congenital heart anomalies	173 (112–243)	138 (86–204)	110 (68–163)	54 (31–74)	48 (30–67)	28 (19–40)	25 (17–34)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	15 (5–36)	12 (5–26)	13 (5–30)	8 (3–17)	7 (4–15)	7 (3–16)	7 (4–15)
Other chromosomal abnormalities	8 (3–24)	8 (2–24)	8 (2–22)	3 (1–8)	2 (1–6)	2 (1–5)	2 (1–5)
Other congenital anomalies	51 (28–87)	41 (21–75)	36 (17–62)	17 (10–30)	20 (11–39)	17 (11–30)	20 (13–36)
Skin and subcutaneous diseases	84 (47–134)	64 (35–97)	67 (36–105)	56 (32–83)	62 (37–93)	76 (40–128)	55 (35–84)
Cellulitis	26 (15–41)	22 (12–33)	23 (12–36)	20 (12–30)	22 (14–34)	25 (13–43)	19 (12–28)
Abscess, impetigo, and other bacterial skin diseases	36 (20–57)	28 (16–43)	28 (15–43)	23 (14–34)	26 (16–40)	33 (17–56)	22 (14–33)
Decubitus ulcer	21 (11–32)	13 (7–20)	16 (9–25)	12 (7–17)	12 (8–19)	18 (9–30)	14 (9–21)
Other skin and subcutaneous diseases	1 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	7,029 (6,167–8,489)	6,670 (5,638–8,026)	5,036 (4,351–5,963)	4,088 (3,545–4,766)	3,615 (3,041–4,464)	2,714 (2,309–3,274)	2,090 (1,792–2,455)
Transport injuries	1,360 (1,098–1,738)	1,181 (915–1,511)	911 (678–1,169)	737 (537–949)	724 (499–933)	566 (389–703)	472 (327–597)
Road injury	1,287 (1,058–1,511)	1,107 (899–1,405)	853 (664–1,103)	689 (511–876)	683 (474–861)	535 (369–667)	450 (310–557)
Pedestrian injury by road vehicle	229 (145–316)	177 (115–249)	139 (91–195)	129 (82–182)	131 (82–192)	109 (67–156)	99 (63–139)
Pedal cycle vehicle	66 (36–120)	46 (24–85)	40 (21–76)	30 (18–53)	33 (18–58)	26 (16–44)	27 (15–50)
Motorized vehicle with two wheels	195 (124–301)	175 (107–261)	127 (76–198)	94 (57–149)	92 (50–155)	68 (37–124)	52 (28–89)
Motorized vehicle with three or more wheels	578 (426–781)	507 (388–687)	391 (281–547)	302 (210–428)	283 (190–399)	217 (151–289)	184 (119–254)
Road injury other	219 (50–471)	203 (45–507)	157 (38–401)	133 (31–332)	145 (28–367)	114 (23–270)	88 (15–211)
Other transport injury	73 (39–127)	74 (37–121)	58 (30–95)	48 (26–78)	41 (22–68)	32 (17–49)	23 (13–33)
Unintentional injuries other than transport injuries	3,137 (2,551–3,857)	2,819 (2,239–3,703)	2,109 (1,658–2,817)	1,713 (1,416–2,188)	1,482 (1,181–2,071)	1,121 (939–1,402)	851 (726–1,028)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Females, 15-19 Years**	**Females, 20-24 Years**	**Females, 25-29 Years**	**Females, 30-34 Years**	**Females, 35-39 Years**	**Females, 40-44 Years**	**Females, 45-49 Years**
Falls	156 (117–219)	150 (115–213)	134 (100–193)	120 (95–163)	133 (100–183)	120 (92–159)	114 (83–163)
Drowning	688 (478–932)	418 (297–600)	276 (194–416)	215 (146–321)	189 (136–267)	141 (100–192)	115 (77–156)
Fire, heat and hot substances	1,072 (656–1,564)	1,049 (612–1,702)	786 (432–1,285)	585 (368–877)	382 (215–640)	284 (170–428)	162 (98–262)
Poisonings	382 (263–666)	401 (273–741)	309 (214–584)	263 (186–506)	231 (159–423)	178 (126–303)	122 (89–211)
Exposure to mechanical forces	384 (175–945)	383 (178–948)	282 (141–636)	263 (126–571)	288 (131–744)	183 (98–334)	140 (80–243)
Mechanical forces (firearm)	265 (58–780)	266 (63–769)	175 (38–533)	157 (34–450)	175 (31–618)	102 (23–268)	74 (16–211)
Mechanical forces (other)	119 (41–335)	117 (40–309)	107 (38–269)	106 (39–255)	112 (43–298)	81 (36–169)	66 (29–125)
Adverse effects of medical treatment	27 (11–42)	30 (12–43)	28 (13–43)	24 (12–36)	26 (12–40)	22 (11–34)	21 (11–32)
Animal contact	158 (59–271)	139 (54–233)	94 (39–153)	69 (32–111)	67 (31–108)	52 (26–87)	52 (26–88)
Animal contact (venomous)	127 (38–235)	111 (30–198)	71 (21–133)	50 (18–95)	47 (18–89)	39 (15–72)	40 (15–75)
Animal contact (non-venomous)	31 (10–72)	28 (9–67)	22 (7–52)	18 (6–37)	19 (6–39)	13 (4–25)	12 (4–25)
Unintentional injuries not classified elsewhere	270 (175–384)	249 (160–326)	202 (133–278)	172 (114–226)	167 (107–220)	141 (91–187)	123 (78–163)
Self-harm and interpersonal violence	2,388 (1,639–3,447)	2,518 (1,659–3,355)	1,878 (1,287–2,478)	1,519 (989–2,010)	1,296 (863–1,849)	936 (626–1,364)	689 (486–1,010)
Self-harm	1,998 (1,280–3,054)	2,018 (1,153–2,862)	1,414 (854–2,019)	1,142 (668–1,632)	1,001 (591–1,546)	748 (448–1,199)	565 (368–902)
Interpersonal violence	389 (296–465)	500 (391–588)	464 (339–542)	376 (268–444)	296 (223–350)	188 (141–227)	124 (92–150)
Assault by firearm	127 (62–211)	160 (80–291)	150 (71–264)	122 (56–224)	94 (41–167)	60 (26–105)	38 (18–67)
Assault by sharp object	89 (54–143)	133 (82–214)	125 (75–199)	107 (65–173)	77 (43–128)	48 (27–80)	32 (18–50)
Assault by other means	173 (118–230)	207 (139–282)	189 (128–258)	147 (103–194)	125 (85–171)	80 (55–108)	53 (37–70)
Forces of nature, war, and legal intervention	144 (78–331)	152 (83–348)	139 (76–314)	120 (66–271)	113 (63–254)	91 (50–205)	78 (43–175)
Exposure to forces of nature	39 (17–98)	38 (17–95)	35 (15–87)	32 (14–79)	30 (13–75)	26 (11–62)	23 (10–55)
Collective violence and legal intervention	105 (58–229)	114 (63–248)	104 (58–224)	87 (49–188)	83 (46–179)	66 (37–141)	55 (31–119)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	Females, 50-54 Years	Females, 55-59 Years	Females, 60-64 Years	Females, 65-69 Years	Females, 70-74 Years	Females, 75-79 Years	Females, 80+ Years
All causes	25,373 (23,849–27,119)	27,870 (26,218–29,570)	32,604 (30,878–34,561)	32,842 (31,355–34,832)	29,797 (28,538–31,649)	27,418 (26,328–28,744)	30,772 (30,043–31,642)
Communicable, maternal, neonatal, and nutritional disorders	4,507 (3,976–5,135)	4,456 (3,900–5,125)	4,563 (4,011–5,189)	4,038 (3,582–4,540)	3,417 (3,048–3,847)	2,619 (2,385–2,899)	2,978 (2,710–3,363)
HIV/AIDS and tuberculosis	1,553 (1,248–1,923)	1,433 (1,148–1,797)	1,321 (1,060–1,637)	1,022 (821–1,280)	758 (613–944)	442 (358–553)	212 (173–264)
Tuberculosis	1,357 (1,096–1,693)	1,332 (1,052–1,617)	1,280 (1,036–1,588)	1,007 (807–1,258)	752 (607–938)	442 (358–553)	212 (173–264)
HIV/AIDS	196 (68–390)	101 (23–317)	42 (10–201)	14 (7–43)	6 (5–9)	–	–
HIV disease resulting in mycobacterial infection	37 (9–80)	20 (2–64)	8 (1–42)	2 (0–8)	<0·5 (0–1)	–	–
HIV disease resulting in other specified or unspecified diseases	159 (59–313)	81 (20–251)	34 (9–159)	12 (7–35)	6 (4–8)	–	–
Diarrhea, lower respiratory infections, meningitis, and other common infectious diseases	1,787 (1,542–2,102)	1,860 (1,569–2,246)	2,073 (1,779–2,421)	2,025 (1,755–2,358)	1,866 (1,652–2,123)	1,639 (1,467–1,861)	2,278 (2,024–2,601)
Diarrheal diseases	699 (552–902)	772 (581–1,057)	892 (685–1,203)	750 (583–1,009)	584 (469–735)	395 (324–483)	345 (281–427)
Cholera	18 (12–27)	16 (10–26)	14 (9–21)	7 (4–11)	3 (2–5)	2 (1–3)	1 (1–2)
Other salmonella infections	46 (32–66)	46 (30–70)	47 (30–68)	35 (22–53)	25 (16–37)	18 (12–26)	18 (12–26)
Shigellosis	65 (43–97)	73 (46–114)	87 (54–135)	75 (47–118)	60 (39–87)	41 (27–58)	36 (24–51)
Enteropathogenic E coli infection	8 (5–12)	10 (6–16)	13 (7–22)	12 (7–20)	11 (7–17)	10 (6–15)	11 (7–18)
Enterotoxigenic E coli infection	85 (56–123)	91 (57–137)	102 (65–153)	84 (54–130)	63 (41–92)	42 (28–61)	34 (23–50)
Campylobacter enteritis	34 (22–51)	38 (23–59)	44 (26–69)	37 (23–58)	31 (20–46)	25 (17–37)	28 (19–42)
Amoebiasis	45 (30–64)	50 (32–81)	60 (37–94)	53 (33–84)	42 (27–62)	29 (19–42)	24 (16–36)
Cryptosporidiosis	14 (9–20)	15 (9–23)	17 (11–26)	14 (9–23)	11 (7–17)	8 (5–11)	6 (4–10)
Rotaviral enteritis	66 (44–94)	77 (49–116)	95 (61–144)	86 (55–132)	68 (45–98)	43 (29–60)	33 (23–46)
Other diarrheal diseases	318 (191–477)	356 (204–577)	413 (249–649)	348 (210–533)	268 (170–387)	178 (111–258)	153 (98–222)
Typhoid and paratyphoid fevers	40 (5–74)	27 (3–51)	16 (2–31)	12 (2–23)	11 (1–20)	7 (1–13)	4 (0–8)
Lower respiratory infections	775 (612–943)	788 (642–926)	975 (774–1,139)	1,069 (870–1,255)	1,139 (952–1,306)	1,131 (970–1,339)	1,870 (1,608–2,205)
Influenza	186 (147–228)	182 (148–217)	218 (175–259)	230 (190–273)	236 (199–275)	225 (193–266)	343 (296–406)
Pneumococcal pneumonia	282 (222–343)	292 (236–343)	364 (286–430)	405 (328–471)	436 (364–501)	443 (380–519)	769 (655–909)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
H influenzae type B pneumonia	112 (88–138)	104 (84–127)	118 (96–140)	117 (97–142)	112 (94–132)	98 (84–118)	122 (107–148)
Respiratory syncytial virus pneumonia	8 (6–9)	8 (6–9)	10 (8–11)	11 (9–13)	11 (10–13)	11 (10–13)	19 (16–22)
Other lower respiratory infections	188 (145–231)	202 (162–245)	265 (211–315)	306 (248–362)	344 (283–398)	353 (298–414)	618 (531–732)
Upper respiratory infections	1 (1–1)	1 (1–1)	1 (1–2)	1 (1–2)	1 (1–2)	1 (1–1)	2 (1–2)
Otitis media	3 (0–30)	2 (0–18)	2 (0–16)	1 (0–12)	1 (0–9)	1 (0–6)	<0·5 (0–5)
Meningitis	155 (108–215)	153 (100–241)	122 (88–176)	124 (81–179)	86 (62–131)	69 (40–127)	36 (23–56)
Pneumococcal meningitis	52 (36–76)	50 (32–83)	38 (26–57)	37 (24–57)	24 (16–37)	18 (10–35)	7 (4–13)
H influenzae type B meningitis	10 (7–16)	11 (7–20)	10 (7–15)	11 (7–17)	8 (6–13)	7 (4–15)	4 (2–7)
Meningococcal infection	29 (20–39)	27 (18–39)	21 (16–29)	20 (14–27)	13 (10–19)	9 (6–15)	4 (3–6)
Other meningitis	64 (44–89)	65 (43–102)	54 (39–75)	56 (36–81)	41 (29–61)	35 (20–62)	21 (13–31)
Encephalitis	55 (29–99)	54 (25–117)	35 (17–70)	40 (19–77)	24 (11–47)	22 (10–55)	10 (5–20)
Diphtheria	<0·5 (0–4)	<0·5 (0–3)	–	–	–	–	–
Whooping cough	2 (0–10)	6 (0–28)	–	–	–	–	–
Tetanus	49 (0–227)	52 (0–243)	27 (0–129)	24 (0–111)	19 (0–90)	11 (0–53)	5 (0–24)
Measles	4 (1–11)	3 (1–7)	–	–	–	–	–
Varicella	4 (0–24)	3 (0–18)	3 (0–17)	3 (0–17)	2 (0–16)	3 (0–19)	5 (0–36)
Neglected tropical diseases and malaria	495 (323–821)	487 (290–826)	449 (265–788)	345 (205–630)	253 (152–456)	141 (80–273)	101 (55–189)
Malaria	361 (209–681)	366 (182–687)	344 (179–664)	272 (144–552)	197 (104–390)	106 (52–229)	79 (37–169)
Chagas disease	11 (5–19)	12 (5–22)	11 (6–21)	9 (4–18)	7 (3–13)	5 (2–9)	3 (2–5)
Leishmaniasis	25 (14–42)	20 (11–34)	14 (7–25)	10 (5–17)	7 (4–12)	4 (2–7)	2 (1–4)
African trypanosomiasis	21 (5–43)	11 (3–24)	5 (1–9)	2 (0–4)	1 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)
Schistosomiasis	18 (0–107)	19 (0–112)	18 (0–105)	15 (0–91)	13 (0–80)	8 (0–50)	4 (0–23)
Cysticercosis	1 (0–4)	1 (0–3)	1 (0–3)	1 (0–2)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–0·5)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Echinococcosis	2 (0–9)	3 (0–10)	3 (0–11)	3 (0–10)	2 (0–7)	2 (0–7)	1 (0–5)
Dengue	5 (1–11)	5 (1–12)	5 (1–13)	4 (1–9)	3 (1–6)	2 (1–4)	3 (1–6)
Rabies	35 (13–88)	37 (12–93)	34 (12–94)	20 (6–50)	13 (4–32)	6 (2–13)	2 (1–6)
Intestinal nematode infections	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–2)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–1)
Ascariasis	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–2)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–1)
Other neglected tropical diseases	15 (7–26)	14 (6–27)	14 (6–24)	10 (4–18)	12 (4–25)	8 (3–19)	6 (2–16)
Maternal disorders	–	–	–	–	–	–	–
Maternal hemorrhage	–	–	–	–	–	–	–
Maternal sepsis	–	–	–	–	–	–	–
Hypertensive disorders of pregnancy	–	–	–	–	–	–	–
Obstructed labor	–	–	–	–	–	–	–
Abortion	–	–	–	–	–	–	–
Other maternal disorders	–	–	–	–	–	–	–
Neonatal disorders	–	–	–	–	–	–	–
Preterm birth complications	–	–	–	–	–	–	–
Neonatal encephalopathy (birth asphyxia and birth trauma)	–	–	–	–	–	–	–
Sepsis and other infectious disorders of the newborn baby	–	–	–	–	–	–	–
Other neonatal disorders	–	–	–	–	–	–	–
Nutritional deficiencies	366 (234–591)	362 (235–601)	404 (254–673)	355 (234–544)	347 (224–509)	272 (185–403)	313 (219–433)
Protein-energy malnutrition	322 (199–536)	319 (197–543)	355 (206–624)	307 (188–497)	300 (183–495)	230 (144–361)	245 (150–362)
Iodine deficiency	1 (0–1)	1 (0–1)	1 (1–1)	1 (1–1)	1 (1–1)	1 (1–1)	2 (1–3)
Iron-deficiency anemia	38 (26–55)	37 (26–51)	42 (29–60)	40 (27–54)	40 (25–56)	35 (24–47)	53 (38–74)
Other nutritional deficiencies	5 (4–7)	6 (4–8)	6 (5–9)	6 (4–8)	6 (5–9)	7 (5–9)	13 (10–19)

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Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Other communicable, maternal, neonatal, and nutritional disorders	306 (239–388)	313 (247–399)	316 (251–405)	291 (217–403)	192 (147–260)	125 (97–171)	75 (53–103)
Sexually transmitted diseases excluding HIV	16 (8–25)	13 (6–22)	15 (5–32)	9 (4–14)	10 (4–20)	6 (3–10)	4 (2–6)
Syphilis	1 (1–2)	3 (1–5)	3 (1–7)	2 (1–3)	3 (1–6)	2 (1–2)	1 (0–1)
Sexually transmitted chlamydial diseases	3 (2–5)	2 (1–4)	3 (1–6)	2 (1–2)	2 (1–3)	1 (1–2)	1 (0–1)
Gonococcal infection	3 (1–4)	2 (1–3)	2 (1–4)	1 (1–2)	1 (0–3)	1 (0–1)	1 (0–1)
Other sexually transmitted diseases	9 (5–14)	6 (3–10)	7 (3–14)	4 (2–6)	4 (2–8)	3 (1–4)	2 (1–3)
Hepatitis	181 (141–238)	194 (147–254)	181 (141–232)	152 (112–200)	101 (79–131)	52 (42–63)	19 (15–25)
Acute hepatitis A	96 (36–207)	106 (39–235)	95 (40–189)	81 (28–182)	51 (19–111)	26 (10–55)	10 (4–22)
Acute hepatitis B	70 (44–107)	73 (43–114)	72 (41–116)	59 (34–94)	42 (24–64)	21 (13–32)	7 (4–11)
Acute hepatitis C	12 (5–23)	12 (5–23)	13 (6–28)	10 (4–20)	8 (3–15)	4 (2–8)	2 (1–3)
Acute hepatitis E	3 (1–9)	2 (0–6)	1 (0–4)	1 (0–3)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–0·5)
Other infectious diseases	109 (61–170)	106 (63–171)	120 (75–195)	130 (73–228)	81 (48–140)	68 (41–114)	52 (31–77)
Non-communicable diseases	18,812 (17,275–20,359)	21,742 (20,304–23,381)	26,554 (24,937–28,414)	27,605 (26,093–29,489)	25,447 (24,165–27,192)	24,010 (22,947–25,341)	26,927 (26,126–27,826)
Neoplasms	6,803 (6,148–7,418)	7,337 (6,644–8,043)	7,725 (6,977–8,457)	6,983 (6,342–7,730)	5,208 (4,755–5,879)	3,925 (3,597–4,457)	2,722 (2,486–3,092)
Esophageal cancer	333 (185–499)	396 (227–616)	450 (263–718)	397 (242–611)	314 (193–466)	200 (125–307)	120 (77–172)
Stomach cancer	694 (383–1,095)	774 (457–1,205)	871 (515–1,345)	829 (469–1,334)	663 (380–1,058)	520 (299–848)	370 (223–607)
Liver cancer	387 (266–473)	457 (311–581)	463 (324–558)	414 (314–512)	312 (234–426)	215 (167–286)	123 (99–171)
Liver cancer secondary to hepatitis B	150 (100–190)	178 (120–227)	175 (120–219)	154 (115–193)	114 (83–157)	74 (56–101)	38 (31–55)
Liver cancer secondary to hepatitis C	95 (65–116)	135 (91–167)	161 (111–188)	156 (117–188)	119 (89–153)	83 (64–107)	49 (39–67)
Liver cancer secondary to alcohol use	84 (57–102)	93 (62–117)	91 (64–110)	81 (61–99)	62 (47–83)	47 (37–62)	30 (24–40)
Other liver cancer	57 (38–71)	51 (34–64)	36 (25–44)	24 (18–29)	17 (13–23)	11 (9–15)	6 (5–8)
Larynx cancer	30 (14–55)	41 (18–73)	45 (21–79)	33 (16–52)	26 (13–42)	14 (7–21)	8 (4–12)
Trachea, bronchus and lung cancers	683 (477–1,066)	862 (594–1,308)	986 (690–1,536)	986 (692–1,591)	739 (535–1,146)	499 (359–834)	259 (190–429)

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Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Breast cancer	1,195 (1,144–1,261)	1,096 (1,056–1,161)	971 (927–1,033)	776 (741–832)	500 (479–539)	378 (361–409)	288 (271–316)
Cervical cancer	812 (499–1,162)	735 (436–1,023)	660 (369–913)	465 (274–628)	312 (187–430)	183 (110–256)	102 (60–144)
Uterine cancer	103 (56–175)	131 (69–223)	155 (86–273)	152 (87–268)	104 (55–182)	80 (43–144)	52 (29–95)
Prostate cancer	–	–	–	–	–	–	–
Colon and rectum cancers	463 (338–555)	543 (402–663)	656 (492–787)	652 (491–809)	538 (399–667)	494 (367–621)	419 (312–528)
Mouth cancer	109 (64–144)	101 (62–130)	103 (68–132)	85 (58–107)	57 (39–70)	39 (26–48)	32 (22–40)
Nasopharynx cancer	48 (27–76)	47 (28–71)	44 (23–71)	32 (17–50)	21 (12–33)	13 (7–20)	7 (4–11)
Cancer of other part of pharynx and oropharynx	109 (41–201)	88 (37–150)	76 (34–124)	51 (24–87)	33 (16–50)	19 (10–29)	11 (6–17)
Gallbladder and biliary tract cancer	119 (58–195)	155 (79–255)	184 (96–310)	187 (94–313)	145 (75–244)	120 (64–207)	90 (47–152)
Pancreatic cancer	152 (93–240)	217 (132–349)	272 (168–418)	285 (176–450)	236 (147–375)	207 (124–322)	150 (91–245)
Malignant melanoma of skin	36 (20–57)	35 (19–56)	38 (21–63)	35 (19–57)	25 (14–42)	22 (12–38)	18 (11–33)
Non-melanoma skin cancer	11 (5–23)	13 (6–27)	16 (7–30)	16 (7–30)	14 (6–27)	16 (7–31)	27 (11–52)
Ovarian cancer	417 (287–532)	409 (288–504)	394 (279–500)	329 (234–425)	203 (137–264)	142 (102–185)	84 (59–113)
Testicular cancer	–	–	–	–	–	–	–
Kidney and other urinary organ cancers	67 (36–112)	88 (47–147)	106 (57–174)	106 (56–177)	75 (40–129)	65 (37–115)	44 (24–75)
Bladder cancer	46 (34–55)	57 (45–66)	77 (63–89)	90 (74–100)	82 (68–93)	76 (66–90)	73 (62–87)
Brain and nervous system cancers	175 (91–285)	187 (92–277)	182 (96–297)	145 (80–241)	87 (51–158)	57 (32–109)	26 (15–52)
Thyroid cancer	30 (19–42)	39 (25–54)	49 (30–67)	48 (31–65)	40 (25–54)	30 (19–42)	20 (12–27)
Hodgkin's disease	16 (7–27)	15 (7–23)	17 (8–27)	15 (7–24)	10 (5–16)	8 (4–14)	5 (2–8)
Non-Hodgkin's lymphoma	111 (76–142)	132 (89–164)	155 (107–188)	155 (110–192)	121 (87–150)	96 (72–128)	66 (50–90)
Multiple myeloma	39 (22–63)	56 (32–92)	73 (41–126)	78 (44–136)	62 (35–105)	52 (31–89)	35 (20–59)
Leukemia	168 (104–234)	178 (108–253)	183 (112–262)	166 (107–241)	124 (80–185)	104 (68–153)	79 (51–116)
Other neoplasms	448 (265–642)	483 (309–676)	498 (322–717)	457 (288–666)	364 (229–525)	278 (178–410)	213 (141–326)

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Cardiovascular and circulatory diseases	6,445 (5,277–8,076)	7,675 (6,517–9,347)	10,385 (8,817–12,588)	11,949 (10,472–14,144)	12,161 (10,814–14,139)	13,289 (11,945–14,882)	17,239 (15,859–18,489)
Rheumatic heart disease	623 (498–812)	615 (508–778)	598 (509–726)	500 (439–583)	415 (363–481)	347 (313–386)	395 (366–426)
Ischemic heart disease	2,266 (2,048–2,664)	2,709 (2,480–3,392)	4,038 (3,699–4,792)	4,829 (4,522–5,568)	4,836 (4,554–5,574)	5,544 (5,285–6,190)	7,644 (7,275–8,365)
Cerebrovascular disease	2,620 (2,210–3,313)	3,230 (2,691–4,140)	4,337 (3,808–5,481)	5,067 (4,286–6,225)	5,366 (4,607–6,578)	5,839 (5,133–6,796)	7,114 (6,293–8,182)
Ischemic stroke	424 (362–537)	649 (554–839)	1,297 (1,130–1,581)	1,749 (1,568–2,027)	2,342 (2,061–2,740)	3,207 (2,923–3,597)	5,020 (4,677–5,437)
Hemorrhagic and other non-ischemic stroke	2,196 (1,697–2,846)	2,581 (1,988–3,318)	3,040 (2,324–3,896)	3,318 (2,589–4,235)	3,024 (2,350–3,832)	2,633 (2,115–3,252)	2,094 (1,682–2,585)
Hypertensive heart disease	418 (270–627)	499 (329–718)	661 (444–940)	743 (489–1,109)	748 (505–1,077)	730 (489–1,036)	905 (617–1,304)
Cardiomyopathy and myocarditis	206 (159–254)	218 (169–274)	245 (192–293)	230 (186–273)	198 (159–234)	180 (150–209)	216 (183–254)
Atrial fibrillation and flutter	6 (4–11)	10 (6–19)	18 (11–36)	26 (17–44)	34 (22–61)	46 (35–67)	90 (71–124)
Aortic aneurysm	53 (25–111)	62 (34–107)	91 (49–167)	119 (65–210)	137 (71–265)	128 (79–211)	145 (94–231)
Peripheral vascular disease	5 (2–11)	7 (3–12)	10 (4–19)	13 (6–21)	17 (8–32)	19 (8–32)	39 (20–66)
Endocarditis	21 (15–30)	21 (15–32)	25 (18–36)	24 (18–38)	20 (16–33)	20 (16–31)	25 (19–36)
Other cardiovascular and circulatory diseases	227 (197–262)	305 (260–353)	361 (316–404)	399 (353–439)	391 (351–431)	436 (404–469)	666 (628–709)
Chronic respiratory diseases	2,053 (1,858–2,267)	2,940 (2,667–3,253)	4,163 (3,837–4,501)	4,563 (4,225–4,893)	4,599 (4,258–4,914)	3,776 (3,537–4,012)	3,816 (3,584–4,026)
Chronic obstructive pulmonary disease	1,505 (1,254–1,768)	2,254 (1,931–2,616)	3,318 (2,947–3,704)	3,768 (3,386–4,138)	3,868 (3,495–4,239)	3,176 (2,934–3,420)	3,217 (3,005–3,433)
Pneumoconiosis	55 (26–110)	84 (38–172)	113 (53–256)	118 (52–269)	127 (54–301)	107 (50–214)	139 (67–295)
Asthma	309 (211–611)	376 (259–735)	450 (309–791)	403 (295–628)	354 (257–539)	274 (211–424)	215 (166–321)
Other interstitial lung disease	32 (17–54)	46 (23–80)	57 (30–98)	66 (33–116)	60 (30–100)	52 (28–93)	42 (22–78)
Other chronic respiratory diseases	153 (84–321)	181 (96–357)	225 (121–426)	207 (120–376)	189 (117–310)	167 (109–254)	203 (142–289)
Cirrhosis of the liver	793 (601–915)	857 (635–1,012)	843 (659–983)	708 (527–818)	491 (359–579)	344 (257–399)	238 (163–272)
Cirrhosis of the liver secondary to hepatitis B	273 (211–317)	307 (230–359)	308 (246–353)	260 (192–299)	181 (130–211)	119 (85–141)	76 (48–90)
Cirrhosis of the liver secondary to hepatitis C	262 (220–300)	311 (247–363)	335 (277–387)	296 (232–342)	204 (158–231)	146 (117–167)	103 (75–117)
Cirrhosis of the liver secondary to alcohol use	119 (103–138)	119 (96–140)	110 (94–128)	90 (73–104)	63 (51–73)	49 (39–56)	38 (29–43)

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Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Other cirrhosis of the liver	139 (117–161)	119 (96–140)	91 (75–105)	63 (50–73)	43 (33–50)	31 (23–36)	21 (15–25)
Digestive diseases (except cirrhosis)	769 (685–855)	675 (608–752)	829 (757–919)	825 (763–896)	756 (694–826)	708 (656–764)	816 (764–889)
Peptic ulcer disease	276 (206–340)	189 (140–224)	237 (181–283)	227 (170–276)	203 (155–237)	186 (147–217)	199 (146–226)
Gastritis and duodenitis	11 (7–20)	10 (6–17)	13 (7–22)	11 (7–20)	12 (7–19)	11 (7–18)	16 (8–27)
Appendicitis	25 (13–38)	26 (13–37)	31 (15–48)	26 (13–38)	24 (11–36)	19 (9–26)	16 (9–22)
Paralytic ileus and intestinal obstruction without hernia	91 (46–127)	84 (44–121)	101 (52–135)	95 (53–128)	92 (50–126)	88 (53–115)	116 (73–158)
Inguinal or femoral hernia	13 (12–13)	13 (13–14)	18 (17–19)	20 (19–21)	19 (18–20)	21 (20–22)	25 (23–26)
Noninfective inflammatory bowel disease	18 (11–26)	18 (11–28)	20 (12–28)	19 (11–28)	19 (11–26)	18 (12–25)	24 (17–33)
Vascular disorders of intestine	16 (10–38)	22 (13–47)	37 (21–77)	52 (27–97)	53 (29–97)	67 (35–117)	84 (41–152)
Gall bladder and bile duct disease	61 (41–93)	66 (49–95)	78 (56–111)	84 (60–118)	75 (56–110)	73 (53–101)	93 (69–134)
Pancreatitis	42 (29–59)	41 (27–55)	48 (32–68)	46 (31–66)	37 (24–56)	35 (23–48)	31 (20–42)
Other digestive diseases	215 (118–314)	205 (112–294)	247 (138–341)	245 (143–329)	221 (130–309)	190 (112–265)	214 (134–305)
Neurological disorders	393 (219–629)	408 (232–660)	451 (268–760)	454 (277–723)	449 (282–694)	450 (322–616)	639 (482–964)
Alzheimer's disease and other dementias	22 (11–37)	31 (17–49)	55 (29–91)	79 (46–127)	111 (66–184)	174 (115–285)	399 (276–717)
Parkinson's disease	9 15)	15 (8–25)	26 (15–43)	41 (26–64)	56 (36–88)	73 (48–110)	81 (4– (54–122)
Epilepsy	77 (45–105)	66 (36–90)	53 (31–75)	51 (29–70)	36 (19–48)	28 (15–39)	29 (16–43)
Multiple sclerosis	32 (20–49)	27 (15–44)	24 (14–36)	19 (12–26)	11 (6–17)	7 (4–10)	3 (2–5)
Other neurological disorders	252 (95–485)	269 (113–532)	294 (113–594)	264 (99–526)	235 (87–472)	167 (70–304)	127 (45–231)
Mental and behavioral disorders	120 (67–208)	101 (58–164)	84 (49–150)	58 (38–98)	35 (24–53)	32 (21–48)	37 (21–54)
Schizophrenia	21 (13–36)	23 (12–38)	17 (9–29)	15 (9–26)	10 (6–17)	8 (5–14)	8 (4–13)
Alcohol use disorders	77 (28–157)	60 (23–119)	51 (20–108)	29 (12–64)	12 (5–27)	8 (4–19)	4 (2–9)
Drug use disorders	14 (7–28)	10 (5–22)	8 (5–20)	6 (3–14)	5 (3–10)	4 (2–10)	4 (2–8)
Opioid use disorders	4 (2–9)	3 (2–7)	3 (1–6)	2 (1–4)	2 (1–3)	1 (1–3)	1 (1–3)

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Cocaine use disorders	1 (0–1)	1 (0–1)	<0·5 (0–1)	<0·5 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Amphetamine use disorders	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Other drug use disorders	9 (5–18)	6 (3–13)	5 (3–12)	4 (2–8)	3 (2–6)	3 (1–6)	2 (1–5)
Eating disorders	4 (1–7)	3 (1–7)	3 (1–5)	2 (1–5)	2 (1–4)	3 (1–6)	7 (3–12)
Other mental and behavioral disorders	5 (2–9)	5 (2–12)	5 (2–11)	6 (2–12)	6 (2–11)	9 (3–16)	15 (5–24)
Diabetes, urogenital, blood, and endocrine diseases	1,229 (1,079–1,441)	1,517 (1,344–1,761)	1,826 (1,647–2,149)	1,841 (1,671–2,142)	1,531 (1,386–1,778)	1,292 (1,174–1,504)	1,204 (1,056–1,420)
Diabetes mellitus	615 (531–710)	842 (755–987)	1,081 (965–1,287)	1,124 (1,012–1,313)	926 (851–1,129)	737 (667–885)	553 (497–655)
Acute glomerulonephritis	67 (20–204)	63 (20–212)	64 (21–193)	57 (18–162)	39 (13–115)	26 (9–75)	18 (6–60)
Chronic kidney diseases	344 (253–460)	396 (296–531)	425 (323–595)	395 (311–567)	326 (251–460)	286 (221–395)	325 (244–434)
Chronic kidney disease due to diabetes mellitus	101 (72–136)	134 (96–182)	164 (121–229)	137 (107–197)	99 (73–137)	73 (56–105)	70 (52–96)
Chronic kidney disease due to hypertension	74 (54–97)	81 (60–111)	83 (63–117)	83 (67–122)	73 (56–102)	68 (53–95)	81 (62–109)
Chronic kidney disease unspecified	169 (124–229)	181 (133–244)	178 (133–256)	175 (137–250)	154 (119–217)	144 (112–197)	174 (129–236)
Urinary diseases and male infertility	90 (53–126)	96 (57–123)	125 (75–167)	135 (81–178)	123 (76–160)	132 (87–181)	172 (122–245)
Tubulointerstitial nephritis, pyelonephritis, and urinary tract infections	52 (31–80)	55 (35–78)	74 (47–109)	81 (51–114)	74 (49–106)	83 (57–122)	119 (83–175)
Urolithiasis	15 (6–32)	15 (7–28)	20 (8–37)	19 (8–36)	17 (7–33)	19 (8–38)	18 (7–36)
Other urinary diseases	23 (13–35)	25 (15–33)	32 (19–44)	35 (20–49)	32 (19–44)	31 (19–44)	35 (23–53)
Gynecological diseases	10 (10–11)	9 (8–9)	7 (7–7)	6 (6–6)	5 (5–5)	4 (4–4)	4 (4–4)
Uterine fibroids	1 (1–1)	1 (1–1)	1 (1–1)	1 (0–1)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Endometriosis	<0·5 (0–0·5)	–	–	–	–	–	–
Genital prolapse	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Other gynecological diseases	9 (8–9)	8 (7–8)	6 (6–6)	5 (5–5)	4 (4–5)	4 (3–4)	3 (3–4)
Hemoglobinopathies and hemolytic anemias	45 (26–93)	50 (29–111)	54 (32–102)	54 (32–97)	53 (30–96)	51 (28–93)	56 (31–99)
Thalassemias	12 (7–21)	9 (6–15)	5 (3–8)	2 (2–3)	1 (1–1)	<0·5 (0–1)	<0·5 (0–0·5)

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Sickle cell disorders	10 (5–17)	9 (5–14)	7 (4–10)	5 (3–7)	3 (2–4)	1 (1–2)	<0·5 (0–1)
G6PD deficiency	2 (1–3)	2 (1–3)	2 (1–2)	2 (1–2)	2 (1–3)	2 (1–3)	2 (2–3)
Other hemoglobinopathies and hemolytic anemias	21 (6–45)	30 (12–63)	40 (17–72)	45 (21–76)	48 (22–84)	47 (23–83)	53 (27–95)
Other endocrine, nutritional, blood, and immune disorders	58 (25–96)	61 (27–98)	70 (30–123)	69 (30–114)	59 (26–96)	56 (27–91)	77 (33–127)
Musculoskeletal disorders	78 (38–109)	88 (44–125)	85 (46–123)	82 (44–115)	77 (40–111)	79 (41–112)	76 (41–112)
Rheumatoid arthritis	35 (20–55)	44 (26–69)	44 (27–64)	46 (30–67)	43 (26–66)	47 (25–67)	35 (22–55)
Other musculoskeletal disorders	43 (28–63)	44 (28–63)	41 (26–56)	36 (24–48)	34 (21–49)	32 (21–42)	40 (27–55)
Other non-communicable diseases	128 (94–176)	143 (103–194)	161 (110–220)	144 (100–191)	142 (99–189)	115 (84–151)	140 (106–181)
Congenital anomalies	67 (46–102)	82 (52–124)	96 (52–144)	84 (47–127)	76 (41–113)	56 (31–84)	58 (34–83)
Neural tube defects	7 (2–20)	9 (2–24)	9 (2–23)	7 (2–17)	8 (2–17)	5 (2–13)	3 (1–7)
Congenital heart anomalies	21 (14–32)	25 (17–37)	33 (19–55)	34 (20–57)	36 (20–60)	30 (17–49)	42 (26–67)
Cleft lip and cleft palate	–	–	–	–	–	–	–
Down's syndrome	10 (5–24)	10 (4–23)	9 (4–25)	4 (1–13)	1 (1–2)	<0·5 (0–1)	<0·5 (0–0·5)
Other chromosomal abnormalities	2 (1–5)	3 (1–9)	2 (1–5)	6 (0–43)	1 (0–2)	1 (0–2)	<0·5 (0–1)
Other congenital anomalies	27 (15–49)	34 (19–63)	42 (20–83)	33 (16–61)	30 (15–55)	19 (10–40)	13 (6–27)
Skin and subcutaneous diseases	61 (37–100)	61 (38–94)	66 (41–102)	59 (38–89)	66 (46–100)	59 (40–92)	82 (58–116)
Cellulitis	21 (12–33)	21 (13–31)	21 (13–31)	17 (11–24)	15 (11–23)	11 (7–17)	10 (7–15)
Abscess, impetigo, and other bacterial skin diseases	24 (15–39)	24 (15–37)	24 (15–37)	20 (13–30)	20 (14–29)	15 (11–23)	18 (12–25)
Decubitus ulcer	16 (10–26)	16 (10–24)	21 (13–31)	23 (14–33)	31 (22–46)	32 (22–50)	53 (37–73)
Other skin and subcutaneous diseases	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)	<0·5 (0–0·5)
Sudden infant death syndrome	–	–	–	–	–	–	–
Injuries	2,055 (1,779–2,491)	1,672 (1,417–1,976)	1,488 (1,292–1,773)	1,199 (1,037–1,407)	932 (804–1,046)	788 (702–891)	867 (752–1,012)
Transport injuries	466 (326–562)	401 (271–494)	349 (242–425)	274 (194–334)	196 (140–244)	144 (101–176)	80 (57–96)

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Road injury	441 (314–537)	381 (271–453)	332 (228–397)	262 (184–313)	188 (134–231)	138 (101–169)	76 (53–90)
Pedestrian injury by road vehicle	107 (66–149)	97 (60–131)	95 (61–124)	79 (53–106)	62 (41–82)	54 (36–71)	33 (21–44)
Pedal cycle vehicle	30 (17–52)	27 (15–49)	24 (13–44)	20 (11–33)	14 (8–22)	9 (6–14)	4 (2–6)
Motorized vehicle with two wheels	46 (24–82)	35 (20–59)	28 (15–49)	19 (11–30)	12 (7–20)	8 (5–12)	4 (2–8)
Motorized vehicle with three or more wheels	176 (115–251)	148 (98–210)	125 (82–181)	102 (68–146)	68 (45–96)	47 (29–67)	25 (15–36)
Road injury other	82 (18–204)	75 (15–162)	60 (14–140)	42 (10–97)	32 (7–68)	20 (5–43)	10 (2–22)
Other transport injury	24 (14–37)	19 (12–29)	17 (10–26)	12 (7–20)	8 (5–12)	6 (4–10)	4 (2–6)
Unintentional injuries other than transport injuries	860 (741–1,080)	696 (603–842)	658 (577–768)	569 (495–685)	491 (425–574)	479 (419–566)	677 (577–814)
Falls	128 (97–164)	124 (96–163)	141 (107–192)	150 (114–192)	160 (125–208)	209 (157–273)	414 (324–530)
Drowning	115 (82–153)	91 (59–128)	87 (61–121)	69 (51–92)	57 (38–77)	41 (28–56)	28 (19–39)
Fire, heat and hot substances	155 (97–226)	120 (78–174)	112 (77–156)	91 (60–136)	77 (50–106)	62 (42–92)	57 (40–86)
Poisonings	117 (84–208)	86 (63–155)	69 (50–131)	55 (40–91)	39 (28–64)	27 (20–46)	22 (16–33)
Exposure to mechanical forces	140 (74–302)	107 (57–201)	88 (49–163)	67 (35–140)	44 (22–82)	36 (20–69)	24 (13–47)
Mechanical forces (firearm)	70 (14–228)	47 (11–135)	39 (9–107)	30 (6–102)	21 (4–59)	15 (3–50)	10 (2–36)
Mechanical forces (other)	70 (30–166)	60 (26–126)	49 (21–105)	37 (16–94)	23 (11–49)	21 (9–50)	14 (7–34)
Adverse effects of medical treatment	23 (11–33)	23 (11–33)	24 (12–35)	26 (14–37)	21 (11–31)	21 (11–30)	21 (12–34)
Animal contact	57 (26–93)	35 (16–65)	33 (16–59)	24 (12–43)	21 (10–37)	14 (7–27)	8 (4–19)
Animal contact (venomous)	43 (14–77)	25 (8–54)	22 (8–43)	15 (6–30)	13 (5–26)	9 (3–20)	5 (1–10)
Animal contact (non-venomous)	15 (5–28)	11 (4–20)	12 (4–23)	9 (3–17)	8 (2–15)	6 (2–12)	3 (1–8)
Unintentional injuries not classified elsewhere	126 (82–167)	110 (73–144)	104 (70–135)	88 (61–111)	72 (50–90)	68 (48–83)	103 (72–120)
Self-harm and interpersonal violence	654 (452–1,000)	510 (313–761)	424 (283–630)	313 (201–474)	222 (140–314)	157 (102–218)	106 (67–151)
Self-harm	558 (358–884)	444 (255–704)	371 (230–576)	277 (166–436)	200 (121–293)	141 (88–203)	96 (58–141)
Interpersonal violence	96 (73–122)	65 (50–82)	53 (41–67)	36 (27–45)	22 (17–27)	16 (12–19)	10 (8–13)

Web Table 30 - Global YLLs (in thousands) with 95% UI by age, sex, and cause in 1990							
Cause	**Females, 50-54 Years**	**Females, 55-59 Years**	**Females, 60-64 Years**	**Females, 65-69 Years**	**Females, 70-74 Years**	**Females, 75-79 Years**	**Females, 80+ Years**
Assault by firearm	25 (12–46)	16 (7–29)	12 (4–22)	7 (3–13)	4 (1–7)	2 (1–4)	1 (1–3)
Assault by sharp object	23 (13–35)	16 (8–24)	12 (7–20)	9 (4–14)	6 (3–9)	3 (2–5)	2 (1–3)
Assault by other means	48 (32–67)	34 (23–49)	29 (20–41)	21 (14–28)	13 (9–18)	10 (8–14)	7 (5–9)
Forces of nature, war, and legal intervention	74 (41–166)	66 (36–148)	57 (32–128)	42 (23–94)	22 (12–48)	9 (5–18)	3 (2–7)
Exposure to forces of nature	26 (12–60)	26 (12–60)	24 (11–55)	20 (9–44)	11 (5–23)	4 (2–9)	2 (1–3)
Collective violence and legal intervention	49 (27–105)	40 (23–87)	33 (19–72)	22 (13–49)	12 (7–25)	4 (2–9)	2 (1–4)

*For these causes, the mean value is outside of the 95% uncertainty interval. This occurs because the full distribution of 1,000 draws is asymmetric with a long tail. A small number of high values in the uncertainty distribution raises the mean above the 97.5 percentile of the distribution.

Web Table 31 - Ranking of YLLs for top 25 global causes in 1990 and additional causes appearing within the top 25 causes for any region across 21 geographic regions ordered by overall global ranking

Cause	Global	HI AP	Western Europe	Australasia	HI NA	Central Europe	Sthn LA	Estrn Eurp	Asia East	Tropical LA	Central LA	SE Asia	Central Asia	Andean LA	NA/ME	Caribbean	South Asia	Oceania	Southern SSA	Eastern SSA	Central SSA	Western SSA
Lower respiratory infections	1	6	10	11	10	4	4	8	1	1	2	1	1	1	1	2	2	1	2	1	3	3
Diarrheal diseases	2	53	77	83	79	49	18	32	16	3	1	2	3	2	2	1	1	2	1	2	1	1
Preterm birth complications	3	29	15	10	9	10	3	14	9	2	4	5	6	3	5	5	3	5	5	7	6	8
Ischemic heart disease	4	2	1	1	1	1	1	1	7	4	6	7	2	11	4	3	10	10	9	21	20	23
Cerebrovascular disease	5	1	2	2	4	2	2	2	2	6	9	4	5	9	6	4	15	11	7	18	16	13
Malaria	6	112	147	165	131	132	115	134	119	63	67	6	105	57	43	21	16	3	29	3	2	2
Chronic obstructive pulmonary disease	7	13	7	6	6	9	13	9	3	12	14	20	14	17	15	27	8	29	22	24	24	26
Protein-energy malnutrition	8	72	78	87	81	68	28	80	40	18	10	12	35	6	10	16	6	4	13	5	4	5
Tuberculosis	9	18	60	74	69	31	32	21	15	26	18	3	17	5	24	12	5	6	4	9	9	10
Neonatal encephalopathy*	10	44	35	27	28	28	15	18	6	8	8	11	4	4	9	8	7	13	8	11	12	9
Congenital anomalies	11	12	14	8	13	8	5	7	4	9	5	8	7	7	3	9	13	16	10	13	7	16
Measles	12	87	103	96	108	98	82	109	25	73	52	10	65	30	40	82	9	25	12	4	5	4
Sepsis	13	69	69	62	56	58	21	39	56	10	13	15	32	10	13	10	4	15	19	10	15	6
Road injury	14	4	4	3	3	5	7	3	10	7	7	9	8	8	7	11	18	20	18	14	13	11
Meningitis	15	48	54	55	59	43	26	48	26	16	17	13	12	19	11	7	12	7	17	8	10	7
Self-harm	16	5	5	5	5	6	8	4	8	22	20	22	10	26	46	18	22	27	25	30	38	56
Drowning	17	19	44	26	29	19	30	11	5	15	15	14	9	16	20	28	17	22	20	22	21	30
Cirrhosis of the liver	18	9	8	13	14	7	9	16	14	14	11	16	11	22	14	23	26	17	36	25	29	24
Trachea, bronchus and lung cancers	19	8	3	4	2	3	6	5	13	23	28	28	15	35	25	24	46	45	28	66	60	68
Tetanus	20	105	108	108	105	100	114	105	30	62	64	23	111	61	38	19	11	19	86	19	26	14
Maternal disorders	21	78	86	82	80	65	48	65	34	32	30	17	42	21	23	20	14	12	26	15	18	18
Interpersonal violence	22	36	39	32	8	30	10	10	29	5	3	21	18	13	33	15	38	34	6	28	25	25
Stomach cancer	23	3	12	18	26	12	12	6	12	24	22	36	16	18	32	34	40	32	41	54	56	57
HIV/AIDS	24	64	30	31	7	59	41	93	117	11	19	52	89	44	93	14	71	64	3	6	11	12
Syphilis	25	99	97	76	100	74	61	89	33	13	32	32	49	12	27	17	24	24	15	12	8	17
Fire, heat and hot substances	26	38	58	52	37	50	34	26	44	40	37	39	21	28	22	29	19	21	21	20	23	15
Diabetes mellitus	27	15	13	12	15	16	11	30	24	17	12	19	26	23	18	13	34	9	14	34	34	28
Exposure to mechanical forces	28	28	49	43	38	32	19	13	28	38	21	29	13	15	21	33	23	26	11	26	19	35
Rheumatic heart disease	29	23	31	37	44	18	24	22	17	27	36	26	19	34	16	31	33	37	38	39	36	42
Liver cancer	30	7	23	45	39	29	35	41	11	43	40	30	36	47	49	46	65	33	37	53	51	29
Falls	31	24	20	35	33	17	40	25	19	36	31	35	30	31	34	36	35	41	60	35	33	21
Chronic kidney diseases	32	16	22	24	22	25	22	38	27	25	16	27	25	24	26	30	32	23	33	44	42	41
Hypertensive heart disease	33	20	17	39	18	14	20	28	23	21	27	31	24	37	19	22	37	53	23	46	41	51
Poisonings	34	37	59	53	32	27	57	17	21	76	41	45	22	49	36	53	31	8	40	27	28	37
Colon and rectum cancers	35	10	6	7	11	13	17	12	22	33	43	43	31	48	48	35	56	54	44	64	67	72
Asthma	36	26	37	29	48	38	54	29	50	42	35	24	34	43	28	42	28	14	30	40	31	27
Other cardiovascular and circulatory diseases	37	11	11	16	16	11	16	49	49	20	25	25	40	27	8	25	54	39	27	42	37	44
Encephalitis	38	75	92	101	93	75	96	59	66	46	82	48	37	101	30	71	20	80	51	41	43	43
Peptic ulcer disease	39	33	38	42	51	33	47	42	31	45	38	38	39	38	44	44	25	38	45	52	39	38
Cardiomyopathy and myocarditis	40	27	25	22	17	20	23	19	35	19	42	34	27	36	17	38	42	43	24	45	35	40
Leukemia	41	17	18	14	20	24	25	23	20	31	23	37	20	25	29	37	47	28	43	72	68	71
Typhoid and paratyphoid fevers	42	95	112	102	103	115	51	113	41	54	49	18	121	56	42	61	29	69	16	31	45	36
Breast cancer	43	25	9	9	12	15	14	20	37	30	39	44	29	39	45	32	49	46	39	60	62	66
Esophageal cancer	44	22	28	33	34	47	29	34	18	41	63	55	23	67	60	54	45	62	32	48	61	75
Epilepsy	45	50	53	44	60	48	60	46	36	47	34	42	28	32	50	47	55	35	31	23	30	20
Whooping cough	49	68	84	75	76	81	67	63	62	35	24	33	33	20	31	26	21	30	42	17	17	22
Acute hepatitis A	50	96	105	104	102	86	87	99	69	78	66	63	66	65	79	80	36	18	89	49	50	33
Brain and nervous system cancers	51	31	21	17	24	22	110	31	32	39	46	53	45	112	41	89	66	83	48	88	72	103
Non-Hodgkin's lymphoma	52	30	27	20	23	41	37	51	43	48	45	51	46	41	55	45	53	47	47	55	63	60
Pancreatic cancer	54	14	16	19	19	21	31	24	42	51	47	61	48	58	67	48	76	78	53	91	83	92
Iron-deficiency anemia	55	63	74	84	77	66	36	79	79	37	29	97	50	14	83	6	88	58	35	75	27	19
Collective violence and legal intervention	57	150	120	129	132	171	164	162	133	138	88	56	161	33	58	121	109	96	54	16	58	50
Alcohol use disorders	63	59	34	48	36	23	42	15	86	34	33	74	53	62	117	65	82	74	61	104	101	117
Bladder cancer	64	42	24	38	40	39	52	47	64	68	84	73	52	79	47	72	72	98	62	82	87	82
Sudden infant death syndrome	65	70	47	21	25	67	55	61	63	92	54	80	43	54	62	51	59	56	63	58	57	58
Aortic aneurysm	66	39	33	25	30	44	44	54	45	52	72	83	88	89	91	57	80	71	68	89	86	91
Prostate cancer	69	46	19	15	21	37	39	52	101	49	48	90	73	55	69	41	101	76	55	87	85	84
Gallbladder and biliary tract cancer	73	21	42	49	58	40	33	62	58	58	51	70	69	52	82	68	69	72	87	115	98	87
African trypanosomiasis	75	134	169	118	139	169	151	161	141	168	150	167	153	166	141	156	173	154	125	29	14	46
Sickle cell disorders	81	107	89	107	86	101	102	107	120	75	80	122	117	96	52	43	100	113	102	57	22	32
Exposure to forces of nature	84	158	133	145	141	151	168	127	161	163	133	95	86	170	12	131	167	109	117	111	175	159
Malignant melanoma of skin	95	83	45	23	42	55	74	58	97	81	98	110	77	97	113	97	118	50	79	118	113	112
Ranking Legend		1-10			11-20			21-30			31-50			51-90			91-176					726

Abbreviations: AP= Asia Pacific, HI= High-income, NA= North America, LA= Latin America, Sthn= Southern, Estrn Eurp = Eastern Europe, SE= Southeast, NA/ME=North Africa and Middle East, SSA= Sub-Saharan Africa, *= (birth asphyxia and birth trauma), Sepsis= Sepsis and other infectious disorders of the newborn baby

References

1 ICF International (formerly Macro International). Demographic and Health Surveys. Calverton, United States, ICF Internationalhttp://measuredhs.com/data/available-datasets.cfm, various dates.

2 Woodruff B, Reynolds M, Tchibindat F, Ahimana C. Nutrition and Health Survey Badghis Province, Afghanistan February-March 2001. , US Centers for Disease Control and Prevention and UNICEF, 2002.

3 Afghanistan Ministry of martyrs and disabled, Afghanistan Ministry of health, U.S Centers for Disease Control and prevention, *et al.* Country Report- Afghanistan. Bangkok, Thailand, 2003.

4 Bartlett LA, Mawji S, Whitehead S, *et al.* Where giving birth is a forecast of death: maternal mortality in four districts of Afghanistan, 1999-2002. *Lancet* 2005; **365**: 864–70.

5 Central Statistics Office (Afghanistan),, ICF Macro, Indian Institute of Health Management Research (IIHMR), Ministry of Public Health (Afghanistan), World Health Organization Regional Office for the Eastern Medditerranean (WHO/EMRO). Afghanistan Special Demographic and Health Survey 2010. Calverton, United States, ICF Macro.

6 World Health Organization. Global status report on road safety: time for action. Geneva, Switzerland, World Health Organization, 2009.

7 Parkin D, Whelan S, Ferlay, Storm H. Cancer Incidence in Five Continents, Vol. I to VIII. Lyon, IARC CancerBase No 7, 2005.

8 Curado M, Edwards B, Shin H, *et al.* Cancer Incidence in Five Continents, Vol. IX. , IARC Scientific Publications No. 160, Lyon, IARC, 2007.

9 Algeria-Health Portal of Information, Documentation and Communication. Cancer Registry of the Province Batna from 2006 to 2006. http://www.sante.dz/chu-batna/registre-cancer.pdf.

10 Service d'Epidémiologie & de Médecine Préventive. Registre du Cancer d'Oran Année 2005. , 2006http://orancancer.org/RPublications.php (accessed 7 Apr2011).

11 Service d'Epidémiologie & de Médecine Préventive. Registre du Cancer d'Oran Année 2006. , 2007http://orancancer.org/RPublications.php (accessed 7 Apr2011).

12 Belamri S, Aouba A, Pavillon G, Jougla E. [Knowledge of causes of death in Algeria. Methods and first results]. *Rev Epidemiol Sante Publique* 2010; **58**: 226–30.

13 UNODC. Homicide Statistics. 2011.http://www.unodc.org/unodc/en/data-and-analysis/homicide.html (accessed 21 Dec2011).

14 National Institute of Public Health. Study of causes of Death, Transition and Health Impact in North Africa (TAHINA) Project 2002. Algeria, 2008.

15 Cancer Council Queensland. Cancer in Queensland 1982-2007. Incidence, Mortality, Survival and Prevalence. http://www.cancerqld.org.au/icms_docs/60012_Cancer_in_QLD_-_incidence_and_mortality.pdf (accessed 17 Aug2010).

16 Cancer Council Queensland. Cancer in Queensland Incidence and Mortality 1982-2006. Statistical Tables.

http://www.cancerqld.org.au/page/Research_statistics/Queensland_Cancer_Registry/ (accessed 17 Aug2010).

17 Cancer Council Queensland. Cancer in Queensland Incidence and Mortality by Site, Sex and Age Group, Queensland, 2003. http://www.cancerqld.org.au/page/Research_statistics/Queensland_Cancer_Registry/ (accessed 17 Aug2010).

18 Newman L, Venn A, Albion T, Blizzard L. Cancer in Tasmania: Incidence and Mortality 2003. , Menzies Research Institute, Hobart, 2006http://www.menzies.utas.edu.au/documents/TCRReport2003.pdf (accessed 23 Jun2010).

19 Dalton M, Venn A, Albion T, Bhowmik J, Blizzard L. Cancer in Tasmania: Incidence and Mortality 2004. , Menzies Research Institute, Hobart, 2007http://www.menzies.utas.edu.au/documents/TCRReport2004.pdf (accessed 23 Jun2010).

20 Dalton M, Venn A, Albion T, Otahal P, Blizzard L. Cancer in Tasmania: Incidence and Mortality 2005. , Menzies Research Institute, Hobart, 2008http://www.menzies.utas.edu.au/documents/CancerInTas2005_Final(4)%20(2).pdf (accessed 23 Jun2010).

21 Dalton M, Venn A, Albion T, Otahal P, Wills K, Blizzard L. Cancer in Tasmania: Incidence and Mortality 2006. , Menzies Research Institute, Hobart, 2009http://www.menzies.utas.edu.au/documents/TCRReport2006.pdf (accessed 23 Jun2010).

22 Cancer Council Victoria. Victorian Cancer Registry. Incidence and Mortality. 1982-2007. , (Personal Communication).

23 Statistics Austria. Jahrbuch der Gesundheitsstatistik 2007. , 2008http://www.statistik.at/ (accessed 12 Apr2011).

24 Statistics Austria. Jahrbuch der Gesundheitsstatistik 2008. , 2009http://www.statistik.at/web_en/dynamic/statistics/health/cancer_incidence/publdetail?id=83&listid=83&detail=543&lang=EN (accessed 12 Apr2011).

25 Ebrahim A. Perinatal mortality in Ministry of Health Hospitals-Bahrain, 1985 and 1996. *Journal- Bahrain Medical Society* 1998; **10**: 95–9.

26 Yusuf HR, Akhter HH, Rahman MH, Chowdhury ME, Rochat RW. Injury-related deaths among women aged 10-50 years in Bangladesh, 1996-97. *Lancet* 2000; **355**: 1220–4.

27 National Institute of Population Research and Training. Bangladesh Maternal Mortality and Health Care Survey 2010-Preliminary Results. , 2011.

28 Hussain A, Ali SM, Kvâle G. Determinants of mortality among children in the urban slums of Dhaka city, Bangladesh. *Trop Med Int Health* 1999; **4**: 758–64.

29 Halder AK, Gurley ES, Naheed A, *et al.* Causes of early childhood deaths in urban Dhaka, Bangladesh. *PLoS ONE* 2009; **4**: e8145.

30 Chowdhury ME, Akhter HH, Chongsuvivatwong V, Geater AF. Neonatal mortality in rural Bangladesh: an exploratory study. *J Health Popul Nutr* 2005; **23**: 16–24.

31 Salway SM, Nasim SM. Levels, trends and causes of mortality in children below 5 years of age in Bangladesh: findings from a national survey. *J Diarrhoeal Dis Res* 1994; **12**: 187–93.

32 West KP Jr, Christian P, Labrique AB, *et al.* Effects of vitamin A or beta carotene supplementation on pregnancy-related mortality and infant mortality in rural Bangladesh: a cluster randomized trial. *JAMA* 2011; **305**: 1986–95.

33 Arifeen S, Black RE, Antelman G, Baqui A, Caulfield L, Becker S. Exclusive breastfeeding reduces acute respiratory infection and diarrhea deaths among infants in Dhaka slums. *Pediatrics* 2001; **108**: E67.

34 Alauddin M. Maternal mortality in rural Bangladesh: the Tangail District. *Stud Fam Plann* 1986; **17**: 13–21.

35 Zunaid Ahsan K, Rahman M. Health and Demographic Surveillance System- Matlab. Dhaka, ICDDR, B, 2009.

36 Khan AR, Jahan FA, Begum SF. Maternal mortality in rural Bangladesh: the Jamalpur District. *Stud Fam Plann* 1986; **17**: 7–12.

37 ICDDR, B: Health Systems & Infectious Diseases Division. 2012.https://centre.icddrb.org/org/orgunits.jsp?searchID=3&idDetails=3 (accessed 6 Jan2012).

38 Baqui AH, Sabir AA, Begum N, Arifeen SE, Mitra SN, Black RE. Causes of childhood deaths in Bangladesh: an update. *Acta Paediatr* 2001; **90**: 682–90.

39 Liu L, Li Q, Lee RA, *et al.* Trends in causes of death among children under 5 in Bangladesh, 1993-2004: an exercise applying a standardized computer algorithm to assign causes of death using verbal autopsy data. *Popul Health Metr* 2011; **9**: 43.

40 National Institute of Population Research and Training. Bangladesh Maternal Health Services and Maternal Mortality Survey 2001. , 2003.

41 Williams BG, Gouws E, Boschi-Pinto C, Bryce J, Dye C. Estimates of world-wide distribution of child deaths from acute respiratory infections. *Lancet Infect Dis* 2002; **2**: 25–32.

42 Rahman S, Nessa F. Neo-natal mortality patterns in rural Bangladesh. *J Trop Pediatr* 1989; **35**: 199–202.

43 Moran A, Iqbal M, Sultana M, Choudhury N, Uz Zaman Khan N. Causes of Maternal, Neonatal and Child Deaths: An Exploratory Study of Dhaka's Slum Dwellers. , ICDDR,B, BRAC, 2009.

44 Belgian Cancer Registry. http://www.kankerregister.org/Statistieken_tabellen_jaarbasis (accessed 15 Jul2010).

45 Alihonou EM, Guedeme A, Comlan G, Issifou S, Soton A. Incidence de deces de 0 a 1 an dans une cohorte de 802 enfants en milieu rural au sud du Benin. *Médecine d'Afrique Noire* 1997; **44**: 542–5.

46 Department of Health Services Ministry of Health and Education. Annual Health Bulletin 2002. Thimphu, Ministry of Health and Education, 2003.

47 Department of Health Services Ministry of Health and Education. Annual Health Bulletin 2001. Thimphu, Ministry of Health and Education, 2002.

48 Office of the Census Commissioner (Bhutan). Bhutan Population and Housing Census 2005. Thimphu, Bhutan, Office of the Census Commissioner (Bhutan), 2006.

49 National Institute of Statistics (Bolivia). National Census of Population and Housing 2001. http://www.ine.gov.bo/cgi-bin/Redatam/RG4WebEngine.exe/PortalAction?&MODE=MAIN&BASE=TallCreac&MAIN=WebServerMain.inl (accessed 10 Mar2009).

50 Aguilar L, Alvarado C, Cordero V, Zamora G, Salgado R. La mortalidad del menor de 5 anos en la ciudad de El Alto, Bolivia 1995. *Rev Soc Bol Ped* 2001; **40**: 3–8.

51 Boerma J, Sommerfelt A, Van Ginneken J. Causes of Death in Childhood: An Evaluation of the Results of Verbal Autopsy Questions Used in Seven DHS Surveys. In: Assessment of the Quality of Health Data in DHS-I Surveys. Calverton, MD, USA, Macro International, 1994.

52 World Health Organization. The World Health Survey. 2011.http://surveydata.who.int/index.html (accessed 21 Dec2011).

53 Central Statistics Office (Botswana). Botswana Statistical Yearbook 2008. Gaborone, Botswana, Central Statistics Office (Botswana), 2009.

54 National AIDS Coordinating Agency In collaboration with CSO and Other Development Partners. Botswana AIDS Impact Survey II Statistical Report. Gaborone, Central Statistics Office, 2005.

55 Central Statistics Office in Collaboration with National AIDS Coordinating Agency. 2008 Botswana AIDS Impact Survey III Statistical Report. Gaborone, Central Statistics Office, 2009.

56 Campos G de J, dos Reis Filho SA, da Silva AA, Novochadlo MA, da Silva RA, Galvão CE. [Infant morbimortality due to acute diarrhea in a metropolitan area of northeastern Brazil, 1986-1989]. *Rev Saude Publica* 1995; **29**: 132–9.

57 Barros FC, Victora CG, Vaughan JP, Estanislau HJ. Perinatal mortality in southern Brazil: a population-based study of 7392 births. *Bull World Health Organ* 1987; **65**: 95–104.

58 Victora CG, Barros FC, Huttly SR, Teixeira AM, Vaughan JP. Early childhood mortality in a Brazilian cohort: the roles of birthweight and socioeconomic status. *Int J Epidemiol* 1992; **21**: 911–5.

59 WHO Collaborative Study Team on the Role of Breastfeeding on the Prevention of Infant Mortality. Effect of breastfeeding on infant and child mortality due to infectious diseases in less developed countries: a pooled analysis. *Lancet* 2000; **355**: 451–5.

60 Menezes AMB, Hallal PC, Santos IS dos, Victora CG, Barros FC. Infant mortality in Pelotas, Brazil: a comparison of risk factors in two birth cohorts. *Rev Panam Salud Publica* 2005; **18**: 439–46.

61 Victora CG, Huttly SR, Fuchs SC, *et al.* International differences in clinical patterns of diarrhoeal deaths: a comparison of children from Brazil, Senegal, Bangladesh, and India. *J Diarrhoeal Dis Res* 1993; **11**: 25–9.

62 Barrêto IC, Kerr Pontes L, Corrêa L. [Surveillance of infant deaths in local health systems: assessment of verbal autopsy reports and of information gathered from health agents]. *Rev Panam Salud Publica* 2000; **7**: 303–12.

63 Antunes JLF, Waldman EA. Trends and spatial distribution of deaths of children aged 12-60 months in São Paulo, Brazil, 1980-98. *Bull World Health Organ* 2002; **80**: 391–8.

64 Bailey P, Tsui AO, Janowitz B, Dominik R, Araujo L. A study of infant mortality and causes of death in a rural north-east Brazilian community. *J Biosoc Sci* 1990; **22**: 349–63.

65 Bulgarian National Cancer Registry. Cancer Incidence in Bulgaria 2006. , 2008http://www.onco-bg.com (accessed 17 Jun2010).

66 Central Office of Census (Burkina Faso). General census of Population and Housing 2006. , 2009.

67 Rowe AK, Rowe SY, Snow RW, *et al.* The burden of malaria mortality among African children in the year 2000. *Int J Epidemiol* 2006; **35**: 691–704.

68 Abdullah S, Adazu K, Masanja H, *et al.* Patterns of age-specific mortality in children in endemic areas of sub-Saharan Africa. *Am J Trop Med Hyg* 2007; **77**: 99–105.

69 Duboz P, Vaugelade J, Debouverie M. Analyse de la mortalité dans l'enfance après trois années d'observation : région de Pissila (Burkina Faso). 1989.

70 Becher H, Kynast-Wolf G, Sié A, *et al.* Patterns of malaria: cause-specific and all-cause mortality in a malaria-endemic area of west Africa. *Am J Trop Med Hyg* 2008; **78**: 106–13.

71 Yé M, Diboulo E, Niamba L, *et al.* An improved method for physician-certified verbal autopsy reduces the rate of discrepancy: experiences in the Nouna Health and Demographic Surveillance Site (NHDSS), Burkina Faso. *Popul Health Metr* 2011; **9**: 34.

72 Würthwein R, Gbangou A, Sauerborn R, Schmidt CM. Measuring the local burden of disease. A study of years of life lost in sub-Saharan Africa. *Int J Epidemiol* 2001; **30**: 501–8.

73 Bouvier-Colle MH, Ouedraogo C, Dumont A, Vangeenderhuysen C, Salanave B, Decam C. Maternal mortality in West Africa. Rates, causes and substandard care from a prospective survey. *Acta Obstet Gynecol Scand* 2001; **80**: 113–9.

74 Bell JS, Ouédraogo M, Ganaba R, *et al.* The epidemiology of pregnancy outcomes in rural Burkina Faso. *Trop Med Int Health* 2008; **13 Suppl 1**: 31–43.

75 Debouverie M, Duboz P, Vaugelade J. Analyse de la mortalité dans l'enfance après trois années d'observation : région de Pissila (Burkina Faso). 1988.

76 Delacollette C, Barutwanayo M. [Mortality and morbidity at young ages in a stable hyperendemic malaria region, community Nyanza-Lac, Imbo South, Burundi]. *Bull Soc Pathol Exot* 1993; **86**: 373–9.

77 National Institute of Statistics. 2008 General Population Census of Cambodia. Phnom Penh, Cambodia, 2010.

78 Oum S, Chandramohan D, Cairncross S. Community-based surveillance: a pilot study from rural Cambodia. *Trop Med Int Health* 2005; **10**: 689–97.

79 Alvi R, Tonita J. Saskatchewan Cancer Control Report Profiling Cancer Prevalence, 1984-2003. Saskatoon, Saskatchewan Cancer Agency, 2008http://www.saskcancer.ca/adx/aspx/adxGetMedia.aspx?DocID=&MediaID=1632&Filename=&l=English (accessed 23 Jun2010).

80 Cancer Care Nova Scotia. Understanding Cancer in Nova Scotia. http://www.cancercare.ns.ca/site-cc/media/cancercare/understandingcancer.pdf (accessed 9 Aug2010).

81 New Brunswick Cancer Network. Cancer in New Brunswick 2002-2006. http://www.gnb.ca/0051/cancer/pdf/6675e-compressed.pdf (accessed 13 Sep2010).

82 Wessel H, Reitmaier P, Dupret A, Rocha E, Cnattingius S, Bergström S. Deaths among women of reproductive age in Cape Verde: causes and avoidability. *Acta Obstet Gynecol Scand* 1999; **78**: 225–32.

83 Georges MC, Roure C, Tauxe RV, *et al.* Diarrheal morbidity and mortality in children in the Central African Republic. *Am J Trop Med Hyg* 1987; **36**: 598–602.

84 Cancer Incidence and Mortality in Chinese Cancer Registration Areas in 2004. , Disease Prevention and Control Bureau, Ministry of Health.

85 Cancer Incidence and Mortality in Chinese Cancer Registration Areas in 2005. , Disease Prevention and Control Bureau, Ministry of Health.

86 Cancer Incidence and Mortality in Chinese Cancer Registration Areas in 2006. , Disease Prevention and Control Bureau, Ministry of Health.

87 Cancer Incidence and Mortality in Chinese Cancer Registration Areas in 2007. , Disease Prevention and Control Bureau, Ministry of Health.

88 Zhang W. Road safety in China : challenges and opportunities. 2008.http://deepblue.lib.umich.edu/handle/2027.42/60474 (accessed 26 Jul2012).

89 The Ministry of Health Maternal and Child Health and Community Health Division. Annual Report of the National Maternal and Child Health Monitoring and Communication. , 2009.

90 Chinese Center for Disease Control and Prevention (CCDC). China Disease Surveillance Points. .

91 Zhang F, Dou Z, Ma Y, *et al.* Effect of earlier initiation of antiretroviral treatment and increased treatment coverage on HIV-related mortality in China: a national observational cohort study. *Lancet Infect Dis* 2011; **11**: 516–24.

92 Ministry of Health, Ministry of Public Security, Ministry of Agriculture, State Food and Drug Administration. China the status of rabies prevention and control. , 2009.

93 Wang L, Yang G, Jiemin M, *et al.* Evaluation of the quality of cause of death statistics in rural China using verbal autopsies. *J Epidemiol Community Health* 2007; **61**: 519–26.

94 Huang W, Yu H, Wang F, Li G. Infant mortality among various nationalities in the middle part of Guizhou, China. *Soc Sci Med* 1997; **45**: 1031–40.

95 Liu BL, Zhang DZ, Tao HQ, Huang P. Perinatal mortality rate in 11 Jiangsu cities. *Chin Med J* 1985; **98**: 157–60.

96 China Third Retrospective Survey on mortality. , 2004.

97 Pictet G, Le Coeur S, M'Pelé P, Brouard N, Lallemant M. Contribution of AIDS to the general mortality in Central Africa: evidence from a morgue-based study in Brazzaville, Congo. *AIDS* 1998; **12**: 2217–23.

98 Delacollette C, Van der Stuyft P, Molima K, Delacollette-Lebrun C, Wery M. [Study of general mortality and of mortality related to malaria in the mountains of Kivu, Zaire]. *Rev Epidemiol Sante Publique* 1989; **37**: 161–6.

99 Echimane AK, Ahnoux AA, Adoubi I, *et al.* Cancer incidence in Abidjan, Ivory Coast: first results from the cancer registry, 1995-1997. *Cancer* 2000; **89**: 653–63.

100 Messou E, Sangaré SV, Josseran R, Le Corre C, Guélain J. [Effect of hygiene measures, water sanitation and oral rehydration therapy on diarrhea in children less than five years old in the south of Ivory Coast]. *Bull Soc Pathol Exot* 1997; **90**: 44–7.

101 The NORDCAN database (Version 4.0, 06.2011). http://www-dep.iarc.fr/nordcan/English/database.asp.

102 Ministry of Health, Pan Arab Project for Family Health. The Djiboutian Survey of Family Health 2003. Republic of Djibouti, 2004.

103 Dominican Republic Ministry of Health. Maternal Health Surveillance System. , PAHO, 2010.

104 Center for Studies of Population and Social Development (CEPAR) (Ecuador), Division of Reproductive Health, Centers for Disease Control and Prevention (CDC). Ecuador Reproductive Health Survey 1994. Atlanta, United States, Centers for Disease Control and Prevention (CDC), 1995.

105 National Cancer Registry Program of Egypt. Aswan, 2008. http://www.cancerregistry.gov.eg/reports.aspx (accessed 18 Sep2010).

106 National Cancer Registry Program of Egypt. Damietta, 2009. http://www.cancerregistry.gov.eg/reports.aspx (accessed 18 Sep2010).

107 National Cancer Registry Program of Egypt. El-Minia, 2009. http://www.cancerregistry.gov.eg/reports.aspx (accessed 18 Sep2010).

108 Ministry of Health and Population (Egypt), USAID. Maternal Mortality Surveillance System. , 2007.

109 Abdullah SA, Aboloyoun EM, Abdel-Aleem H, Moftah FM, Ismail S. Maternal mortality in Assiut. *Int J Gynaecol Obstet* 1992; **39**: 197–204.

110 Kane TT, el-Kady AA, Saleh S, Hage M, Stanback J, Potter L. Maternal mortality in Giza, Egypt: magnitude, causes, and prevention. *Stud Fam Plann* 1992; **23**: 45–57.

111 Grubb GS, Fortney JA, Saleh S, *et al.* A comparison of two cause-of-death classification systems for deaths among women of reproductive age in Menoufia, Egypt. *Int J Epidemiol* 1988; **17**: 385–91.

112 Miller P, Loza S, Terreri N, *et al.* Diarrhoea and mortality in Menoufia, Egypt. *J Diarrhoeal Dis Res* 1994; **12**: 173–81.

113 Campbell O, Gipson R, Issa AH, *et al.* National maternal mortality ratio in Egypt halved between 1992-93 and 2000. *Bull World Health Organ* 2005; **83**: 462–71.

114 Yassin KM. Indices and sociodemographic determinants of childhood mortality in rural Upper Egypt. *Soc Sci Med* 2000; **51**: 185–97.

115 Langsten R, Hill K. Diarrhoeal disease, oral rehydration, and childhood mortality in rural Egypt. *J Trop Pediatr* 1994; **40**: 272–8.

116 Salvadoran Demographic Association (ADS),, Division of Reproductive Health, Centers for Disease Control and Prevention (CDC). El Salvador Reproductive Health Survey 2002-2003. San Salvador, El Salvador, ADS, 2004.

117 Salvadoran Demographic Association (ADS), Division of Reproductive Health, Centers for Disease Control and Prevention (CDC). El Salvador Reproductive Health Survey 1998. Atlanta, United States, Centers for Disease Control and Prevention (CDC).

118 El Salvador Ministry of Health. Maternal Mortality Surveillance System. , 2010.

119 Reniers G, Araya T, Schaap A, *et al.* Monitoring cause-specific adult mortality in developing countries: a comparison of data sources for Addis Ababa and its implications for policy and research. *Soc Sci Med* 2005; **61**: 1952–7.

120 Tsegaye F, Abdella K, Ahmed E, Tadesse T, Bartolomeos K. Pattern of Fatal Injuries in Addis Ababa, Ethiopia: A One-year Audit. *East and Central African Journal of Surgery* 2010; **15**: 10–7.

121 Population Census Commission (Ethiopia). 2007 Population and Housing Census of Ethiopia. .

122 Kwast BE, Rochat RW, Kidane-Mariam W. Maternal mortality in Addis Ababa, Ethiopia. *Stud Fam Plann* 1986; **17**: 288–301.

123 World Health Organization. Deployment of artemetherlumefantrine with rapid diagnostic tests at community level, Raya Valley, Tigray, Ethiopia. , 2009.

124 Enquselassie F. Butajira HDSS, Ethiopia- Addis Ababa University Butajira Rural Health Program. http://www.butajira.org.

125 Deressa W, Fantahun M, Ali A. Malaria-related mortality based on verbal autopsy in an area of low endemicity in a predominantly rural population in Ethiopia. *Malar J* 2007; **6**: 128.

126 Shamebo D, Muhe L, Sandström A, Wall S. The Butajira rural health project in Ethiopia: mortality pattern of the under fives. *J Trop Pediatr* 1991; **37**: 254–61.

127 Deribew A, Tessema F, Girma B. Determinants of under-five mortality in Gilgel Gibe Field Research Center, Southwest Ethiopia. *Ethiopian Journal of Health Development* 2007; **21**: 117–24.

128 Chandramohan D, Setel P, Quigley M. Effect of misclassification of causes of death in verbal autopsy: can it be adjusted? *Int J Epidemiol* 2001; **30**: 509–14.

129 Mersha A, Jira C, Demessie S. Community based study on maternal mortality in Jimma town, south western Ethiopia. *Indian J Public Health* 1996; **40**: 30–4.

130 Lulu K, Berhane Y. The use of simplified verbal autopsy in identifying causes of adult death in a predominantly rural population in Ethiopia. *BMC Public Health* 2005; **5**: 58.

131 Fantahun M, Fottrell E, Berhane Y, Wall S, Högberg U, Byass P. Assessing a new approach to verbal autopsy interpretation in a rural Ethiopian community: the InterVA model. *Bull World Health Organ* 2006; **84**: 204–10.

132 Bah E, Parkin DM, Hall AJ, Jack AD, Whittle H. Cancer in The Gambia: 1988–97. *British Journal of Cancer* 2001; **84**: 1207–14.

133 Cham M, Vangen S, Sundby J. Maternal deaths in rural Gambia. *Glob Public Health* 2007; **2**: 359–72.

134 Rutherford ME, Dockerty JD, Jasseh M, *et al.* Preventive measures in infancy to reduce under-five mortality: a case-control study in The Gambia. *Trop Med Int Health* 2009; **14**: 149–55.

135 Menon A, Snow RW, Byass P, Greenwood BM, Hayes RJ, N'Jie AB. Sustained protection against mortality and morbidity from malaria in rural Gambian children by chemoprophylaxis given by village health workers. *Trans R Soc Trop Med Hyg* 1990; **84**: 768–72.

136 D'Alessandro U, Olaleye BO, McGuire W, *et al.* Mortality and morbidity from malaria in Gambian children after introduction of an impregnated bednet programme. *Lancet* 1995; **345**: 479–83.

137 Greenwood AM, Greenwood BM, Bradley AK, *et al.* A prospective survey of the outcome of pregnancy in a rural area of the Gambia. *Bull World Health Organ* 1987; **65**: 635–43.

138 Walraven G, Telfer M, Rowley J, Ronsmans C. Maternal mortality in rural Gambia: levels, causes and contributing factors. *Bull World Health Organ* 2000; **78**: 603–13.

139 Alonso PL, Lindsay SW, Armstrong JR, *et al.* The effect of insecticide-treated bed nets on mortality of Gambian children. *Lancet* 1991; **337**: 1499–502.

140 Jaffar S, Leach A, Greenwood AM, *et al.* Changes in the pattern of infant and childhood mortality in upper river division, The Gambia, from 1989 to 1993. *Trop Med Int Health* 1997; **2**: 28–37.

141 Population-based Cancer Registry Saarland. 40 years Cancer Registry Saarland. Incidence, prevalence and mortality from malignant neoplasms in the Saarland. http://www.krebsregister.saarland.de/publikationen/PDF/Publikation40Jahre.pdf (accessed 29 Jul2010).

142 Population Based Cancer Registry Bavaria. Cancer in Bavaria in 2004. , 2006http://www.krebsregister-bayern.de/Documents/Jahresbericht_2006.pdf (accessed 29 Jul2010).

143 Common Cancer Registry. Cancer Incidence 2003-2004. Berlin, 2008http://www.berlin.de/imperia/md/content/gkr/publikationen/jahresberichte/jb2003_2004.pdf?start&ts=1231146422&file=jb2003_2004.pdf (accessed 29 Jul2010).

144 Common Cancer Registry. Cancer Incidence and Cancer Mortality 2005-2006. Berlin, 2009http://www.berlin.de/imperia/md/content/gkr/publikationen/jahresberichte/jb2005_2006.pdf?start&ts=1268743082&file=jb2005_2006.pdf (accessed 29 Jul2010).

145 Population-based Cancer Registry NRW. Data on cancer in the administrative district of Münster 1994 - 2003. http://www.krebsregister.nrw.de/fileadmin/user_upload/dokumente/veroeffentlichungen/16_Krebsregister_Muenster_-_Daten_zum_Bericht_-_1994-2003.pdf (accessed 29 Jul2010).

146 Ministry for Social and Family Affairs, Health and Consumer Protection. Hamburg Cancer Registry Database Query. http://www.krebsregister-hamburg.de/ (accessed 29 Jul2010).

147 Ohene S-A, Tettey Y, Kumoji R. Injury-related mortality among adolescents: findings from a teaching hospital's post mortem data. *BMC Res Notes* 2010; **3**: 124.

148 Ghana Statistical Service, Ghana Health Service, Macro International, Inc. Ghana Special Demographic and Health Survey 2007-2008. Calverton, United States, Macro International, Inc, 2010.

149 Vitamin A supplementation in northern Ghana: effects on clinic attendances, hospital admissions, and child mortality. Ghana VAST Study Team. *Lancet* 1993; **342**: 7–12.

150 Binka FN, Kubaje A, Adjuik M, *et al.* Impact of permethrin impregnated bednets on child mortality in Kassena-Nankana district, Ghana: a randomized controlled trial. *Trop Med Int Health* 1996; **1**: 147–54.

151 Mills S, Williams JE, Wak G, Hodgson A. Maternal mortality decline in the Kassena-Nankana district of northern Ghana. *Matern Child Health J* 2008; **12**: 577–85.

152 Baiden F, Hodgson A, Adjuik M, Adongo P, Ayaga B, Binka F. Trend and causes of neonatal mortality in the Kassena-Nankana district of northern Ghana, 1995-2002. *Trop Med Int Health* 2006; **11**: 532–9.

153 Edmond KM, Quigley MA, Zandoh C, *et al.* Aetiology of stillbirths and neonatal deaths in rural Ghana: implications for health programming in developing countries. *Paediatr Perinat Epidemiol* 2008; **22**: 430–7.

154 Quigley MA, Chandramohan D, Setel P, Binka F, Rodrigues LC. Validity of data-derived algorithms for ascertaining causes of adult death in two African sites using verbal autopsy. *Trop Med Int Health* 2000; **5**: 33–9.

155 Debpuur C, Welaga P, Wak G, Hodgson A. Self-reported health and functional limitations among older people in the Kassena-Nankana District, Ghana. *Global Health Action* 2010; **3**. doi:10.3402/gha.v3i0.2151.

156 Bawah AA, Binka FN. How many years of life could be saved if malaria were eliminated from a hyperendemic area of northern Ghana? *Am J Trop Med Hyg* 2007; **77**: 145–52.

157 Ministry of Health & Welfare. Cancer Morbidity in Greece 1990-1991. http://canreg.files.wordpress.com/2007/10/greek-cancer-registry_aug1990-jul1991.pdf (accessed 28 Jul2010).

158 Asulin Y, McCann TJ, McCarty CW, Hage RW, Rooney PJ, Macpherson CNL. Cancer incidence and mortality in Grenada 1990-2000. *West Indian Med J* 2004; **53**: 368–73.

159 Koulibaly M, Kabba IS, Cissé A, *et al.* Cancer incidence in Conakry, Guinea: first results from the cancer registry 1992–1995. *International Journal of Cancer* 1997; **70**: 39–45.

160 Schumacher R, Swedberg E, Diallo MO, Keita DR, Kalter H, Pasha O. Mortality Study in Guinea: Investigating the Causes of Death in Children Under 5. , Save the Children Federation, Inc. and the Basic Support for Institutionalizing Child Survival (BASICS II) Project, 2002.

161 Roth A, Gustafson P, Nhaga A, *et al.* BCG vaccination scar associated with better childhood survival in Guinea-Bissau. *Int J Epidemiol* 2005; **34**: 540–7.

162 Mølbak K, Aaby P, Ingholt L, *et al.* Persistent and acute diarrhoea as the leading causes of child mortality in urban Guinea Bissau. *Trans R Soc Trop Med Hyg* 1992; **86**: 216–20.

163 Høj L, Stensballe J, Aaby P. Maternal mortality in Guinea-Bissau: the use of verbal autopsy in a multi-ethnic population. *Int J Epidemiol* 1999; **28**: 70–6.

164 Perry HB, Ross AG, Fernand F. Assessing the causes of under-five mortality in the Albert Schweitzer Hospital service area of rural Haiti. *Rev Panam Salud Publica* 2005; **18**: 178–86.

165 Dowell SF, Davis HL, Holt EA, *et al.* The utility of verbal autopsies for identifying HIV-1-related deaths in Haitian children. *AIDS* 1993; **7**: 1255–9.

166 Désinor OY, Ferrus A, Deverson A, *et al.* [Survey of infant mortality in Mirebalais, Haiti]. *Sante* 2000; **10**: 407–11.

167 Yacoub S, Arellano S, Padgett-Moncada D. Violence related injuries, deaths and disabilities in the capital of Honduras. *Injury* 2006; **37**: 428–34.

168 Ministry of Health (Honduras), Honduras Family Planning Association (ASHONPLAFA) and Division of Reproductive Health, Centers for Disease Control and Prevention (CDC). Honduras Reproductive Health Survey 1996. Tegucigalpa, Honduras, ASHONPLAFA, 1997.

169 Central Statistics Office. Population and Housing Census 1992. Zimbabwe.

170 National Cancer Registry Programme. Consolidated Report of Population Based Cancer Registries 2004-2005. , 2008http://www.ncrpindia.org/Annual_Reports.aspx (accessed 23 Feb2011).

171 National Cancer Registry Programme. North East Population Based Cancer Registries. Second Report: 2005-2006. , 2008http://www.ncrpindia.org/Annual_Reports.aspx (accessed 23 Feb2011).

172 National Cancer Registry Programme. Three-year Report of Population Based Cancer Registries 2006-2008. , 2010http://www.ncrpindia.org/Annual_Reports.aspx (accessed 23 Feb2011).

173 International Institute for Population Sciences (IIPS), ORC Macro. National Family Health Survey (NFHS-2), 1998-99: India. Mumbai, IIPS, 2000.

174 Republic of Iraq Ministry of Health. Report of the in Depth Analysis Iraq Child and Maternal Mortality Survey 1999. , 2005.

175 International Institute for Population Sciences (IIPS) (India),, Ministry of Health and Family Welfare (India). India District Level Household Survey 2002-2004 (DLHSII). Mumbai, India, International Institute for Population Sciences (IIPS) (India).

176 Ghosh R, Sharma AK. Determinants of tetanus and sepsis among the last neonatal deaths at household level in a peri-urban area of India. *Postgrad Med J* 2011; **87**: 257–63.

177 Bhatia JC. Levels and causes of maternal mortality in southern India. *Stud Fam Plann* 1993; **24**: 310–8.

178 Joshi R, Cardona M, Iyengar S, *et al.* Chronic diseases now a leading cause of death in rural India--mortality data from the Andhra Pradesh Rural Health Initiative. *Int J Epidemiol* 2006; **35**: 1522–9.

179 Kapoor RK, Srivastava AK, Misra PK, *et al.* Perinatal mortality in urban slums in Lucknow. *Indian Pediatr* 1996; **33**: 19–23.

180 Awasthi S, Pande VK. Cause-specific mortality in under fives in the urban slums of Lucknow, north India. *J Trop Pediatr* 1998; **44**: 358–61.

181 Indian Council of Medical Research (ICMR). Study on Causes of Death by Verbal Autopsy in India. New Delhi, India, ICMR, 2009.

182 Anand K, Kant S, Kumar G, Kapoor SK. 'Development' is not essential to reduce infant mortality rate in India: experience from the Ballabgarh project. *Journal of Epidemiology and Community Health* 2000; **54**: 247 –253.

183 Anand K, Patro BK, Paul E, Kapoor SK. Management of Sick Children by Health Workers in Ballabgarh: Lessons for Implementation of IMCI in India. *J Trop Pediatr* 2004; **50**: 41–7.

184 Gajalakshmi V, Peto R, Kanaka S, Balasubramanian S. Verbal autopsy of 48 000 adult deaths attributable to medical causes in Chennai (formerly Madras), India. *BMC Public Health* 2002; **2**: 7.

185 Benara SK, Singh P. Validity of causes of infant death by verbal autopsy. *Indian J Pediatr* 1999; **66**: 647–50.

186 Khanna R, Kumar A, Vaghela JF, Sreenivas V, Puliyel JM. Community based retrospective study of sex in infant mortality in India. *BMJ* 2003; **327**: 126.

187 Gupta N, Kumar S, Saxena NC, Nandan D, Saxena BN. Maternal mortality in seven districts of Uttar Pradesh--an ICMR task force study. *Indian J Public Health* 2006; **50**: 173–8.

188 Saha R, Nath A, Sharma N, Badhan SK, Ingle GK. Changing profile of disease contributing to mortality in a resettlement colony of Delhi. *Natl Med J India* 2007; **20**: 125–7.

189 ICMR Young Infant Study Group. Age profile of neonatal deaths. *Indian Pediatr* 2008; **45**: 991–4.

190 Hirve S, Ganatra B. A prospective cohort study on the survival experience of under five children in rural western India. *Indian Pediatr* 1997; **34**: 995–1001.

191 Bang AT, Bang RA, Tale O, *et al.* Reduction in pneumonia mortality and total childhood mortality by means of community-based intervention trial in Gadchiroli, India. *Lancet* 1990; **336**: 201–6.

192 Kumar V, Datta N, Wadhwa SS, Singhi S. Morbidity and mortality in diarrhea in rural Haryana. *Indian J Pediatr* 1985; **52**: 455–61.

193 Kakrani VA, Pratinidhi AK, Gupte AM. A study of registration of deaths at primary health centre--with special reference to 'verbal autopsy' method. *Indian J Med Sci* 1996; **50**: 196–200.

194 Singh RB, Singh V, Kulshrestha SK, *et al.* Social class and all-cause mortality in an urban population of North India. *Acta Cardiol* 2005; **60**: 611–7.

195 Vora KS, Mavalankar DV, Ramani KV, *et al.* Maternal health situation in India: a case study. *J Health Popul Nutr* 2009; **27**: 184–201.

196 Registrar General of India, Centre for Global Health Research, St. Michael's Hospital, *et al.* Million Death Study: Final report on causes of death in India 2001-2003. http://www.cghr.org/index.php/projects/million-death-study-project/.

197 Tandon BN, Sahai A, Balaji LN, Vardhan VA. Morbidity pattern and cause specific mortality during infancy in ICDS projects. *J Trop Pediatr* 1987; **33**: 190–3.

198 Choudhary SR, Jayaswal ON. Infant and early childhood mortality in urban slums under ICDS scheme--a prospective study. *Indian Pediatr* 1989; **26**: 544–9.

199 Shrivastava SP, Kumar A, Kumar Ojha A. Verbal autopsy determined causes of neonatal deaths. *Indian Pediatr* 2001; **38**: 1022–5.

200 Kumar R, Sharma AK, Barik S, Kumar V. Maternal mortality inquiry in a rural community of north India. *Int J Gynaecol Obstet* 1989; **29**: 313–9.

201 Tripathy P, Nair N, Barnett S, *et al.* Effect of a participatory intervention with women's groups on birth outcomes and maternal depression in Jharkhand and Orissa, India: a cluster-randomised controlled trial. *Lancet* 2010; **375**: 1182–92.

202 Shah M, Khalique N, Khan Z, Amir A. A community based study of Infant Mortality in rural Aligarh. *AMJ* 2011; **4**: 22–5.

203 Baqui AH, Darmstadt GL, Williams EK, *et al.* Rates, timing and causes of neonatal deaths in rural India: implications for neonatal health programmes. *Bull World Health Organ* 2006; **84**: 706–13.

204 Khalique N, Sinha SN, Yunus M, Malik A. Early childhood mortality--a rural study. *J R Soc Health* 1993; **113**: 247–9.

205 Singhal PK, Mathur GP, Mathur S, Singh YD. Neonatal morbidity and mortality in ICDS urban slums. *Indian Pediatr* 1990; **27**: 485–8.

206 Iyengar K, Iyengar SD, Suhalka V, Dashora K. Pregnancy-related deaths in rural Rajasthan, India: exploring causes, context, and care-seeking through verbal autopsy. *J Health Popul Nutr* 2009; **27**: 293–302.

207 Institute of Health Systems. Indian Cause of Death Dataset Version - 1.3 (INCOD V1.3). Hyderabad, Institute of Health Systems, 2002.

208 Rahmathullah L, Underwood BA, Thulasiraj RD, *et al.* Reduced mortality among children in southern India receiving a small weekly dose of vitamin A. *N Engl J Med* 1990; **323**: 929–35.

209 Reddaiah VP, Kapoor SK. Socio-biological factors in underfive deaths in a rural area. *Indian J Pediatr* 1992; **59**: 567–71.

210 Phukan RK, Mahanta J. A study of neonatal deaths in the tea gardens of Dibrugarh district of upper Assam. *J Indian Med Assoc* 1998; **96**: 333–4, 337.

211 Bhandari N, Bahl R, Taneja S, Martines J, Bhan MK. Pathways to infant mortality in urban slums of Delhi, India: implications for improving the quality of community- and hospital-based programmes. *J Health Popul Nutr* 2002; **20**: 148–55.

212 Aaron R, Joseph A, Abraham S, *et al.* Suicides in young people in rural southern India. *Lancet* 2004; **363**: 1117–8.

213 Dongre A, Singh A, Deshmukh P, Garg B. A community based cross sectional study on feasibility of lay interviewers in ascertaining causes of adult deaths by using verbal autopsy in rural Wardha. *Online J Health Allied Scs* 2008; **7**: 4.

214 Barnett S, Nair N, Tripathy P, Borghi J, Rath S, Costello A. A prospective key informant surveillance system to measure maternal mortality - findings from indigenous populations in Jharkhand and Orissa, India. *BMC Pregnancy Childbirth* 2008; **8**: 6.

215 Indonesia Central Bureau of Statistics. National Socioeconomic Survey (SUSENAS) Microdata. Jakarta, Indonesia, 2004.

216 Nazir M, Pardede N, Ismail R. The incidence of diarrhoeal diseases and diarrhoeal diseases related mortality in rural swampy low-land area of south Sumatra, Indonesia. *J Trop Pediatr* 1985; **31**: 268–72.

217 Establishment of Sentinel Sites for Special Surveillance of TB Mortality Study. , Indonesia Mortality Registration System Strengthening Project, 2009.

218 Humphrey JH, Agoestina T, Wu L, *et al.* Impact of neonatal vitamin A supplementation on infant morbidity and mortality. *J Pediatr* 1996; **128**: 489–96.

219 Sutrisna B, Kresno S, Utomo B, Sutrisna B, Reingold A, Harrison G. Care-seeking for fatal illnesses in young children in Indramayu, West Java, Indonesia. *The Lancet* 1993; **342**: 787–9.

220 Nelson CM, Sutanto A, Gessner BD, Suradana IG, Steinhoff MC, Arjoso S. Age- and cause-specific childhood mortality in Lombok, Indonesia, as a factor for determining the appropriateness of introducing Haemophilus influenzae type b and pneumococcal vaccines. *J Health Popul Nutr* 2000; **18**: 131–8.

221 Ronsmans C, Scott S, Qomariyah SN, *et al.* Professional assistance during birth and maternal mortality in two Indonesian districts. *Bull World Health Organ* 2009; **87**: 416–23.

222 Anwar Z, Djamil H, Pardede N, Ismail R. The pattern of the causes of death in children in rural swampy area of South Sumatra, Indonesia. *Paediatr Indones* 1987; **27**: 93–8.

223 Cobra C, Muhilal, Rusmil K, *et al.* Infant survival is improved by oral iodine supplementation. *J Nutr* 1997; **127**: 574–8.

224 Iranian Cancer Registry 2003. , (Personal Communication), 2003.

225 Iranian Cancer Registry 2004. , (Personal Communication), 2004.

226 Iranian Cancer Registry: Golestan. , (Personal Communication).

227 Iranian Cancer Registry: Ardabil. , (Personal Communication).

228 Sharifzadeh G, Namakin K, Mehrjoofard H. An Epidemiological Study on Infant Mortality and Factors Affecting it in Rural Areas of Birjand, Iran. *Iran J Pediatrics* 2008; **18**: 335–42.

229 Naghavi M, Sayari A. Maternal Mortality Rate (MMR) Measured by the Reproductive Age Mortality Survey (RAMOS) Method. Islamic Republic of Iran-1996. , 1999.

230 Awqati NA, Ali MM, Al-Ward NJ, *et al.* Causes and differentials of childhood mortality in Iraq. *BMC Pediatr* 2009; **9**: 40.

231 The National Cancer Registry Ireland. Data: Download. http://www.ncri.ie/data.cgi/data/data-download.php (accessed 25 Jun2010).

232 La Rosa F, Rags F, Cassetti T, *et al.* [Incidence and Mortality for Cancer in Umbria, 2003-2005]. , Umbrian Population Cancer Registry, 2008http://www.rtup.unipg.it/rtupWebSiteNew/Pubblicazioni/Incidenza03-05.pdf (accessed 22 Jul2010).

233 La Rosa F, Stracci F, Petrinelli A, *et al.* [Incidence and Mortality for Cancer in Umbria, 2006-2008]. , Umbrian Population Cancer Registry, 2010http://www.rtup.unipg.it/rtupWebSiteNew/Pubblicazioni/CancerStat2.pdf (accessed 22 Jul2010).

234 ASL Cancer Registry of Sondrio. [Sondrio Cancer Incidence 1998-2008]. , (Personal Communication).

235 Federico M, Rashid I, Artioli ME, *et al.* [The Tumors in the Province of Modena in 2003]. , Tumor Registry, 2003http://www.rtm.unimo.it/pub2003.html (accessed 24 Jun2010).

236 Federico M, Rashid I, Artioli ME, *et al.* [The Tumors in the Province of Modena in 2004]. , Tumor Registry, 2004http://www.rtm.unimo.it/pub2004.html (accessed 24 Jun2010).

237 De Lisi V, Mangone L, Federico M. [The Tumors in the Province of Parma, Reggio Emilia, Modena: Year 2007]. , 2007http://www.rtm.unimo.it/pub2007.html (accessed 24 Jun2010).

238 Rashid I, Artioli ME, Braghiroli B, *et al.* [The Tumors in the Province of Modena: Year 1988-2006]. , Tumor Registry, 2006http://www.rtm.unimo.it/pub2006.html (accessed 24 Jun2010).

239 Brooks SE, Wolff C. Age- specific incidence of cancer in Kingston and St. Andrew, Jamaica. Part I: 1978-1982. *West Indian Med J* 1991; **40**: 127–8.

240 Hanchard B, Blake G, Wolff C, *et al.* Age-specific incidence of cancer in Kingston and St Andrew, Jamaica, 1993-1997. *West Indian Med J* 2001; **50**: 123–9.

241 Brooks SE, Hanchard B, Wolff C, Samuels E, Allen J. Age-specific incidence of cancer in Kingston and St. Andrew, Jamaica, 1988-1992. *West Indian Med J* 1995; **44**: 102–5.

242 Jamaica Ministry of Health. Maternal Mortality Surveillance System. , 2010.

243 Samms-Vaughan ME, McCaw-Binns AM, Ashley DC, Foster-Williams K. Neonatal mortality determinants in Jamaica. *J Trop Pediatr* 1990; **36**: 171–5.

244 Aichi Prefectural Government. The Registry And Registration Procedure In Aichi Prefecture. http://www.pref.aichi.jp/0000002532.html (accessed 14 Dec2010).

245 Ministry of Health. National Cancer Registry: Incidence of Cancer in Jordan 2001. , The Hashimite Kingdom of Jordan Ministry of Health, 2001http://www.moh.gov.jo/MOH/Files/Publication/Annual%20Incidence%20of%20cancer%20in%20Jordan_2001_1.pdf (accessed 29 Nov2010).

246 Ministry of Health. National Cancer Registry: Incidence of Cancer in Jordan 2002. , The Hashemite Kingdom of Jordan Ministry of Health, 2002http://www.moh.gov.jo/MOH/Files/Publication/Annual%20Incidence%20of%20cancer%20in%20Jordan_%202002_1.pdf (accessed 29 Nov2010).

247 Ministry of Health. National Cancer Registry: Incidence of Cancer in Jordan 2003. , The Hashemite Kingdom of Jordan Ministry of Health, 2003http://www.moh.gov.jo/MOH/Files/Publication/Annual%20Incidence%20of%20cancer%20in%20Jordan_%202003_1.pdf (accessed 29 Nov2010).

248 Ministry of Health. National Cancer Registry: Cancer Incidence in Jordan 2004. , The Hashemite Kingdom of Jordan Ministry of Health, 2004http://www.moh.gov.jo/MOH/Files/Publication/Annual%20Incidence%20of%20cancer%20in%20Jordan_2004_1.pdf (accessed 29 Nov2010).

249 Ministry of Health. National Cancer Registry: Cancer Incidence in Jordan 2005. , The Hashemite Kingdom of Jordan Ministry of Health, 2005http://www.moh.gov.jo/MOH/Files/Publication/JCR%2010th%20Report%202005_1.pdf (accessed 29 Nov2010).

250 Ministry of Health. National Cancer Registry: Cancer Incidence in Jordan 2006. , The Hashemite Kingdom of Jordan Ministry of Health, 2006http://www.moh.gov.jo/MOH/Files/Publication/cancer%20book_1.pdf (accessed 29 Nov2010).

251 Ministry of Health. National Cancer Registry: Cancer Incidence in Jordan 2007. , The Hashemite Kingdom of Jordan Ministry of Health, 2007http://www.moh.gov.jo/MOH/Files/Publication/MINISTRY%20OF%20HEALTH_1.pdf (accessed 29 Nov2010).

252 Ministry of Health. National Cancer Registry: Cancer Incidence in Jordan 2008. , The Hashemite Kingdom of Jordan Ministry of Health, 2008http://www.moh.gov.jo/MOH/Files/Publication/Jordan%20Cancer%20Registry_2008%20Report_1.pdf (accessed 29 Nov2010).

253 Khoury SA, Massad D, Fardous T. Mortality and causes of death in Jordan 1995-96: assessment by verbal autopsy. *Bull World Health Organ* 1999; **77**: 641–50.

254 Jordan Ministry of Health. Reproductive-age mortality study (RAMOS). , 2010.

255 Kenya Medical Research Institute. Nairobi Cancer Registry- Cancer Incidence Report. Nairobi, Kenya, Kenya Medical Research Institute, 2006http://www.healthresearchweb.org/files/CancerIncidenceReportKEMRI.pdf (accessed 21 Jul2010).

256 Ombok M, Adazu K, Odhiambo F, *et al.* Geospatial distribution and determinants of child mortality in rural western Kenya 2002-2005. *Trop Med Int Health* 2010; **15**: 423–33.

257 Adazu K, Lindblade KA, Rosen DH, *et al.* Health and demographic surveillance in rural western Kenya: a platform for evaluating interventions to reduce morbidity and mortality from infectious diseases. *Am J Trop Med Hyg* 2005; **73**: 1151–8.

258 van Eijk AM, Adazu K, Ofware P, Vulule J, Hamel M, Slutsker L. Causes of deaths using verbal autopsy among adolescents and adults in rural western Kenya. *Trop Med Int Health* 2008; **13**: 1314–24.

259 Hamel MJ, Adazu K, Obor D, *et al.* A reversal in reductions of child mortality in western Kenya, 2003-2009. *Am J Trop Med Hyg* 2011; **85**: 597–605.

260 Kyobutungi C, Ziraba AK, Ezeh A, Yé Y. The burden of disease profile of residents of Nairobi's slums: Results from a Demographic Surveillance System. *Population Health Metrics* 2008; **6**: 1.

261 Boerma JT, Mati JK. Identifying maternal mortality through networking: results from coastal Kenya. *Stud Fam Plann* 1989; **20**: 245–53.

262 Oti SO, Kyobutungi C. Verbal autopsy interpretation: a comparative analysis of the InterVA model versus physician review in determining causes of death in the Nairobi DSS. *Popul Health Metr* 2010; **8**: 21.

263 Ye Y, Zulu E, Mutisya M, Orindi B, Emina J, Kyobutungi C. Seasonal pattern of pneumonia mortality among under-five children in Nairobi's informal settlements. *Am J Trop Med Hyg* 2009; **81**: 770–5.

264 Mirza NM, Macharia WM, Wafula EM, Agwanda R, Onyango FE. Mortality patterns in a rural Kenyan community. *East Afr Med J* 1990; **67**: 823–9.

265 Spencer HC, Kaseje DC, Mosley WH, Sempebwa EK, Huong AY, Roberts JM. Impact on mortality and fertility of a community-based malaria control programme in Saradidi, Kenya. *Ann Trop Med Parasitol* 1987; **81 Suppl 1**: 36–45.

266 Central Bureau of Statistics. D P R Korea 2008 Population Census National Report. Pyongyang, DPR Korea, 2009.

267 Department of Health and Human Services. http://stat.mw.go.kr/stat/depart/depart_list.jsp?menu_code=MN01010501 (accessed 5 Oct2011).

268 Ministry of Health & Welfare, Korea Central Cancer Registry, National Cancer Center. Annual report of cancer statistics in Korea in 2008. , National Cancer Center, 2010http://ncc.re.kr/common/downloadByFileURL.jsp?path=/english/files/Annual_report_of_cancer_statistics_in_Korea_in_2008.pdf (accessed 17 Mar2011).

269 Fauveau VA. The Lao People's Democratic Republic: maternal mortality and female mortality: determining causes of deaths. *World Health Stat Q* 1995; **48**: 44–6.

270 Ministry of Public Health. National Cancer Registry 2005-2007. , Ministry of Public Health, 2010http://www.moph.gov.lb/Prevention/Surveillance/Pages/Cancer.aspx (accessed 12 Apr2011).

271 Shamseddine A, Sibai A-M, Gehchan N, *et al.* Cancer incidence in postwar Lebanon: findings from the first national population-based registry, 1998. *Ann Epidemiol* 2004; **14**: 663–8.

272 Sibai AM, Fletcher A, Hills M, Campbell O. Non-communicable disease mortality rates using the verbal autopsy in a cohort of middle aged and older populations in Beirut during wartime, 1983-93. *J Epidemiol Community Health* 2001; **55**: 271–6.

273 Becker SR, Diop F, Thornton JN. Infant and child mortality in two counties of Liberia: results of a survey in 1988 and trends since 1984. *Int J Epidemiol* 1993; **22 Suppl 1**: S56–63.

274 Pacqué-Margolis S, Pacqué M, Dukuly Z, Boateng J, Taylor HR. Application of the verbal autopsy during a clinical trial. *Soc Sci Med* 1990; **31**: 585–91.

275 Lithuanian Cancer Registry. http://www.is.lt/cancer_reg/ (accessed 30 Jul2011).

276 Banda LT, Parkin DM, Dzamalala CP, Liomba NG. Cancer incidence in Blantyre, Malawi 1994-1998. *Trop Med Int Health* 2001; **6**: 296–304.

277 Jahn A, Floyd S, Crampin AC, *et al.* Declining child mortality in northern Malawi despite high rates of infection with HIV. *Bull World Health Organ* 2010; **88**: 746–53.

278 Slutsker L, Bloland P, Steketee RW, Wirima JJ, Heymann DL, Breman JG. Infant and second-year mortality in rural Malawi: causes and descriptive epidemiology. *Am J Trop Med Hyg* 1996; **55**: 77–81.

279 Vergnano S, Fottrell E, Osrin D, *et al.* Adaptation of a probabilistic method (InterVA) of verbal autopsy to improve the interpretation of cause of stillbirth and neonatal death in Malawi, Nepal, and Zimbabwe. *Popul Health Metr* 2011; **9**: 48.

280 Doctor HV, Weinreb AA. Estimation of AIDS adult mortality by verbal autopsy in rural Malawi. *AIDS* 2003; **17**: 2509–13.

281 Lim G, Halimah Y. Cancer Incidence in Malaysia 2003. , 2004http://www.crc.gov.my/documents/report/2nd%20National%20Cancer%20Registry.pdf.

282 Etard JF, Kodio B, Traoré S. Assessment of maternal mortality and late maternal mortality among a cohort of pregnant women in Bamako, Mali. *Br J Obstet Gynaecol* 1999; **106**: 60–5.

283 National Mortality Registry, Department of Health Information, Malta. All Malignant Cancers. , 2010https://ehealth.gov.mt/HealthPortal/strategy_policy/healthinfor_research/registries/cancers.aspx.

284 Ministry of Health and Quality of Life. Incidence of Cancer in the Island of Mauritius Period 1989-1996. , 2009http://www.gov.mu/portal/site/mohsite/menuitem.610fed1c91f172e51a42860aa0208a0c/.

285 Ministry of Health and Quality of Life. Incidence of Cancer in the Island of Mauritius Period 1997-1998. , 2009http://www.gov.mu/portal/site/mohsite/menuitem.610fed1c91f172e51a42860aa0208a0c/.

286 Ministry of Health and Quality of Life. Incidence of Cancer in the Island of Mauritius Period 1999-2000. , 2009http://www.gov.mu/portal/site/mohsite/menuitem.610fed1c91f172e51a42860aa0208a0c/.

287 Ministry of Health and Quality of Life. Incidence of Cancer - Year 2001. , 2009http://www.gov.mu/portal/site/mohsite/menuitem.610fed1c91f172e51a42860aa0208a0c/.

288 Ministry of Health and Quality of Life. Incidence of Cancer - Year 2002. , 2009http://www.gov.mu/portal/site/mohsite/menuitem.610fed1c91f172e51a42860aa0208a0c/.

289 Tomé P, Reyes H, Piña C, Rodríguez L, Gutiérrez G. [Characteristics associated with under-registration of children's deaths in the state of Guerrero, Mexico]. *Salud Publica Mex* 1997; **39**: 523–9.

290 Sandagdorj T, Sanjaajamts E, Tudev U, Oyunchimeg D, Ochir C, Roder D. Cancer incidence and mortality in Mongolia - National Registry Data. *Asian Pac J Cancer Prev* 2010; **11**: 1509–14.

291 Association Lalla Salma de lutte contre le Cancer. Cancer Registry of Greater Casablanca 2004. , Association Lalla Salma de lutte contre le Cancer, 2007http://www.contrelecancer.ma/site_media/uploaded_files/Registre_des_Cancers_de_la_Re%C3%BCgion_du_grand_Casablanca_2004.pdf (accessed 13 Apr2011).

292 Department of Studies and Information, Division of Planning and Studies. Health in Figures. Morocco, 2010.

293 Garenne M, Darkaoui N, Braikat M, Azelmat M. Changing cause of death profile in Morocco: the impact of child-survival programmes. *J Health Popul Nutr* 2007; **25**: 212–20.

294 World Bank Global Road Safety. Maputo Central Hospital Mortuary Data. Maputo, Mozambique, Department of Legal Medicine, 2010.

295 CISM- Centro de Investigacao em Saude de Manhica. Manhica Health Research Centre-Activity Report 2009-2010. Mozambique, Fundacao Manhica, 2011http://www.manhica.org/eng.

296 Sacarlal J, Nhacolo AQ, Sigaúque B, *et al.* A 10 year study of the cause of death in children under 15 years in Manhiça, Mozambique. *BMC Public Health* 2009; **9**: 67.

297 Instituto Nacional de Estatística,. Mortalidade em Mocambique- Inquerito Nacional sobre Causas de Mortalidade, 2007/8. , Instituto Nacional de Estatistica, 2009.

298 Hemed Y, Mbofana F, Mazive E, *et al.* Using a Post-Census Survey to Measure Maternal Mortality. , International Population Conference of the IUSSP, 2009.

299 Songane FF, Bergström S. Quality of registration of maternal deaths in Mozambique: a community-based study in rural and urban areas. *Soc Sci Med* 2002; **54**: 23–31.

300 Renzaho AMN. Mortality rates, prevalence of malnutrition, and prevalence of lost pregnancies among the drought-ravaged population of Tete Province, Mozambique. *Prehosp Disaster Med* 2007; **22**: 26–34.

301 Lee TJ, Mullany LC, Richards AK, Kuiper HK, Maung C, Beyrer C. Mortality rates in conflict zones in Karen, Karenni, and Mon states in eastern Burma. *Trop Med Int Health* 2006; **11**: 1119–27.

302 Myint S, Lwin A, Lwin K. Community Based Verification of Cause of Death in Pyinmana Township. , Myanmar Health Systems Research, 2007.

303 Sharma G, Shrestha PK, Wasti H, Kadel T, Ghimire P, Dhungana S. A review of violent and traumatic deaths in Kathmandu, Nepal. *Int J Inj Contr Saf Promot* 2006; **13**: 197–9.

304 Geetha T, Chenoy R, Stevens D, Johanson RB. A multicentre study of perinatal mortality in Nepal. *Paediatr Perinat Epidemiol* 1995; **9**: 74–89.

305 Tielsch JM, Khatry SK, Stoltzfus RJ, *et al.* Effect of daily zinc supplementation on child mortality in southern Nepal: a community-based, cluster randomised, placebo-controlled trial. *Lancet* 2007; **370**: 1230–9.

306 Freeman JV, Christian P, Khatry SK, *et al.* Evaluation of neonatal verbal autopsy using physician review versus algorithm-based cause-of-death assignment in rural Nepal. *Paediatr Perinat Epidemiol* 2005; **19**: 323–31.

307 New Zealand Health Information Service. Cancer: New Registrations and Deaths 2003. , 2007http://www.health.govt.nz/nz-health-statistics/health-statistics-and-data-sets/cancer-data-and-stats.

308 New Zealand Health Information Service. Cancer: New Registrations and Deaths 2004. , 2007http://www.health.govt.nz/nz-health-statistics/health-statistics-and-data-sets/cancer-data-and-stats.

309 Ministry of Health. Cancer: New Registrations and Deaths 2005: Revised edition. , 2009http://www.health.govt.nz/nz-health-statistics/health-statistics-and-data-sets/cancer-data-and-stats.

310 Ministry of Health. Cancer: New Registrations and Deaths 2006. , 2010http://www.health.govt.nz/nz-health-statistics/health-statistics-and-data-sets/cancer-data-and-stats.

311 Ministry of Health. Cancer: New Registrations and Deaths 2007. , 2010http://www.health.govt.nz/nz-health-statistics/health-statistics-and-data-sets/cancer-data-and-stats.

312 Profamilia and Division of Reproductive Health, Centers for Disease Control and Prevention (CDC). Nicaragua Reproductive Health Survey 1992-1993. Managua, Nicaragua, Profamilia, 1993.

313 Aleman J, Brännström I, Liljestrand J, Peña R, Persson LA, Steidinger J. Saving more neonates in hospital: an intervention towards a sustainable reduction in neonatal mortality in a Nicaraguan hospital. *Trop Doct* 1998; **28**: 88–92.

314 Reza A, Tomczyk B, Aguayo VM, *et al.* Retrospective determination of whether famine existed in Niger, 2005: two stage cluster survey. *BMJ* 2008; **337**: a1622.

315 Ochicha O, Mohammed AZ, Nwokedi EE, Umar AB. A review of medico-legal deaths in Kano. *Niger Postgrad Med J* 2003; **10**: 16–8.

316 Seleye-Fubara D, Ekere AU. Pedestrian deaths resulting from road traffic accidents seen at the University of Port Harcourt Teaching Hospital--six-year review. *Niger J Med* 2003; **12**: 103–5.

317 Akang EEU, Akinremi T, Oje EM, Oluwasola AO, Ipadeola TO. Pattern of coroners' autopsies at Ring Road State Hospital, Ibadan, Nigeria: a retrospective study (1994-2000). *Med Sci Law* 2009; **49**: 117–22.

318 Gukas ID, Opaluwa AS, Ihezue CH, *et al.* Pattern of paediatric injuries in Jos, Nigeria. *Int J Inj Contr Saf Promot* 2006; **13**: 257–9.

319 Jinadu MK, Olusi SO, Agun JI, Fabiyi AK. Childhood diarrhoea in rural Nigeria. I. Studies on prevalence, mortality and socio-environmental factors. *J Diarrhoeal Dis Res* 1991; **9**: 323–7.

320 Asuzu MC, Johnson OO, Owoaje ET, Kaufman JS, Rotimi C, Cooper RS. The Idikan adult mortality study. *Afr J Med Med Sci* 2000; **29**: 115–8.

321 Lawoyin TO. Infant and maternal deaths in rural south west Nigeria: a prospective study. *Afr J Med Med Sci* 2007; **36**: 235–41.

322 Ekanem EE, Asindi AA, Okoi OU. Community-based surveillance of paediatric deaths in Cross River State, Nigeria. *Trop Geogr Med* 1994; **46**: 305–8.

323 Al-Adili N, Johansson A, Bergström S. Maternal mortality among Palestinian women in the West Bank. *Int J Gynaecol Obstet* 2006; **93**: 164–70.

324 Mohammed AJ, Al-Lawati JA, Jaffer MA, Chandrashekar S, Al-Siyabi NH, Al-Dahli YS. Cancer Incidence in Oman 2002. , 2002http://www.moh.gov.om/en/nv_menu.php?o=reports/report.htm.

325 Mohammed AJ, Al-Lawati JA, Jaffer MA, Nooyi SC, Al-Siyabi NH, Al-Dahli YS. Cancer Incidence in Oman 2003. , 2003http://www.moh.gov.om/en/nv_menu.php?o=reports/report.htm.

326 Mohammed AJ, Al-Lawati JA, Jaffer MA, *et al.* Cancer Incidence in Oman 2004. , 2004http://www.moh.gov.om/en/nv_menu.php?o=reports/report.htm.

327 Mohammed AJ, Al-Lawati JA, Nooyi SC, Al-Siyabi NH, Al-Dahli YS, Al-Adawi N. Cancer Incidence in Oman 2005. , 2005http://www.moh.gov.om/en/nv_menu.php?o=reports/report.htm.

328 Mohammed AJ, Al-Lawati JA, Noovi SC, Al-Sivabi NH. Cancer Incidence in Oman 2006. , 2006http://www.moh.gov.om/en/nv_menu.php?o=reports/report.htm.

329 Mohammed AJ, Al-Lawati JA, Nooyi SC, Al-Lawati NA, Al-Siyabi NH. Cancer Incidence in Oman 2007. , 2007http://www.moh.gov.om/en/nv_menu.php?o=reports/report.htm.

330 Mohammed AJ, Al-Lawati JA, Al-Lawati NA, Al-Siyabi NH, Al-Gharbi DO. Cancer Incidence in Oman 2008. , 2008http://www.moh.gov.om/en/nv_menu.php?o=reports/report.htm.

331 National HMIS Health Information Unit Ministry of Health. Report on Causes of Death: As Reflected by Hospital Records in Pakistan. Islamabad, 2010.

332 National Institute of Population Studies (NIPS) (Pakistan), Macro International, Inc. Pakistan Demographic and Health Survey 2006-2007. Calverton, United States, Macro International, Inc.

333 National Bureau of Statistics. Pakistan Demographic Survey (PDS). .

334 Fikree FF, Azam SI, Berendes HW. Time to focus child survival programmes on the newborn: assessment of levels and causes of infant mortality in rural Pakistan. *Bull World Health Organ* 2002; **80**: 271–6.

335 Fikree FF, Midhet F, Sadruddin S, Berendes HW. Maternal mortality in different Pakistani sites: ratios, clinical causes and determinants. *Acta Obstet Gynecol Scand* 1997; **76**: 637–45.

336 Khan AJ, Khan JA, Akbar M, Addiss DG. Acute respiratory infections in children: a case management intervention in Abbottabad District, Pakistan. *Bull World Health Organ* 1990; **68**: 577–85.

337 Owais A, Tikmani SS, Sultana S, *et al.* Incidence of pneumonia, bacteremia, and invasive pneumococcal disease in Pakistani children. *Trop Med Int Health* 2010. doi:10.1111/j.1365-3156.2010.02591.x.

338 [Republic of Panama Cancer Registry]. [Malignant Tumors in the Republic of Panama]. , 2006http://www.minsa.gob.pa/minsa/tl_files/documents/informacion_salud/estadisticas_salud/cancer/tumores%20-%20malignos%20en%20panama%201985-2004.pdf.

339 Kakazo M, Lehmann D, Coakley K, *et al.* Mortality rates and the utilization of health services during terminal illness in the Asaro Valley, Eastern Highlands Province, Papua New Guinea. *P N G Med J* 1999; **42**: 13–26.

340 Moir JS, Garner PA, Heywood PF, Alpers MP. Mortality in a rural area of Madang Province, Papua New Guinea. *Ann Trop Med Parasitol* 1989; **83**: 305–19.

341 Riley ID, Lehmann D, Alpers MP, Marshall TF, Gratten H, Smith D. Pneumococcal vaccine prevents death from acute lower-respiratory-tract infections in Papua New Guinean children. *Lancet* 1986; **2**: 877–81.

342 Genton B, al-Yaman F, Beck HP, *et al.* The epidemiology of malaria in the Wosera area, East Sepik Province, Papua New Guinea, in preparation for vaccine trials. II. Mortality and morbidity. *Ann Trop Med Parasitol* 1995; **89**: 377–90.

343 Division of Reproductive Health, Centers for Disease Control and Prevention (CDC). Paraguay Reproductive Health Survey 1995-1996. Asunción, Paraguay, Paraguayan Center for Population Studies (CEPEP).

344 National Epidemiology Center, Department of Health (Philippines). Philippines Field Health Service Information System Annual Report 1993. Manila, Philippines, National Epidemiology Center, Department of Health (Philippines).

345 Polish National Cancer Registry. Reports Based on Data of National Cancer Registry. , 2010http://85.128.14.124/krn/english/index.asp.

346 Andreeva E. Mortality due to External Causes of Death in the Russian Federation: Spatial Aspects and Explanatory Models. 2006.

347 Paksoy N. Patterns of coroner's post mortems in western Samoa. *N Z Med J* 1991; **104**: 476–7.

348 Paksoy N, Bouchardy C, Parkin DM. Cancer incidence in Western Samoa. *Int J Epidemiol* 1991; **20**: 634–41.

349 Kingdom of Saudi Arabia, Ministry of Health, National Cancer Registry. Cancer Incidence Report, Saudi Arabia, 1994-1996. , 1999http://www.scr.org.sa/.

350 Kingdom of Saudi Arabia, Ministry of Health, National Cancer Registry. Cancer Incidence Report, Saudi Arabia, 1997-1998. , 2001http://www.scr.org.sa/.

351 Kingdom of Saudi Arabia, Ministry of Health, National Cancer Registry. Cancer Incidence Report, Saudi Arabia, 1999-2000. , 2004http://www.scr.org.sa/.

352 Kingdom of Saudi Arabia, Ministry of Health, National Cancer Registry. Cancer Incidence Report, Saudi Arabia, 2001. , 2005http://www.scr.org.sa/.

353 Kingdom of Saudi Arabia, Ministry of Health, National Cancer Registry. Cancer Incidence Report, Saudi Arabia, 2002. , 2007http://www.scr.org.sa/.

354 Kingdom of Saudi Arabia, Ministry of Health, National Cancer Registry. Cancer Incidence Report, Saudi Arabia, 2003. , 2003http://www.scr.org.sa/.

355 Kingdom of Saudi Arabia, Ministry of Health, National Cancer Registry. Cancer Incidence Report, Saudi Arabia, 2004. , 2008http://www.scr.org.sa/.

356 Kingdom of Saudi Arabia, Ministry of Health, National Cancer Registry. Cancer Incidence Report, Saudi Arabia, 2005. , 2009http://www.scr.org.sa/.

357 el-Zibdeh MY, Al-Suleiman SA, Al-Sibai MH. Perinatal mortality at King Fahd Hospital of the University Al-Khobar, Saudi Arabia. *Int J Gynaecol Obstet* 1988; **26**: 399–407.

358 Kodio B, de Bernis L, Ba M, Ronsmans C, Pison G, Etard J-F. Levels and causes of maternal mortality in Senegal. *Trop Med Int Health* 2002; **7**: 499–505.

359 Guyavarch E, Pison G, Duthé G, Marra A, Chippaux J-P. Mortality due to External Causes in Three Rural Areas of Senegal. *European Journal of Population* 2010; **26**: 483–505.

360 Trape JF, Pison G, Preziosi MP, *et al.* Impact of chloroquine resistance on malaria mortality. *C R Acad Sci III, Sci Vie* 1998; **321**: 689–97.

361 Etard J-F, Le Hesran J-Y, Diallo A, Diallo J-P, Ndiaye J-L, Delaunay V. Childhood mortality and probable causes of death using verbal autopsy in Niakhar, Senegal, 1989-2000. *Int J Epidemiol* 2004; **33**: 1286–92.

362 Duthe G, Pison G. Adult mortality in a rural area of Senegal: Non-communicable diseases have a large impact in Mlomp. *Demographic Research*; **19**: 1419–48.

363 Pison G, Trape JF, Lefebvre M, Enel C. Rapid decline in child mortality in a rural area of Senegal. *Int J Epidemiol* 1993; **22**: 72–80.

364 Garenne M, Cantrelle P, Diop I. Les cas du Senegal. In: La Lutte Contre la Mort. Paris, Institut National d'Etudes Demographiques Presses.

365 Ewbank D, Gribble J, editors. Effects of Health Programs on Child Mortality in Sub-Saharan Africa. Washington, DC, National Academy Press, 1993.

366 Adjuik M, Smith T, Clark S, *et al.* Cause-specific mortality rates in sub-Saharan Africa and Bangladesh. *Bull World Health Organ* 2006; **84**: 181–8.

367 Etard JF, Kodio B, Ronsmans C. Seasonal variation in direct obstetric mortality in rural Senegal: role of malaria? *Am J Trop Med Hyg* 2003; **68**: 503–4.

368 Barnish G, Maude GH, Bockarie MJ, Eggelte TA, Greenwood BM, Ceesay S. Malaria in a rural area of Sierra Leone. I. Initial results. *Ann Trop Med Parasitol* 1993; **87**: 125–36.

369 Hodges M, Williams RA. Registered infant and under-five deaths in Freetown, Sierra Leone from 1987-1991 and a comparison with 1969-1979. *West Afr J Med* 1998; **17**: 95–8.

370 Amin R. Immunization coverage and child mortality in two rural districts of Sierra Leone. *Soc Sci Med* 1996; **42**: 1599–604.

371 Singapore Cancer Registry. , (Personal Communication), 2008.

372 Cancer Registry of Slovenia. Cancer Incidence in Slovenia 2003. , 2006http://www.onko-i.si/eng/dejavnosti/epidemiologija_in_register_raka/registri_raka/register_raka_rs/index.html .

373 Cancer Registry of Slovenia. Cancer Incidence in Slovenia 2004. , 2007http://www.onko-i.si/eng/dejavnosti/epidemiologija_in_register_raka/registri_raka/register_raka_rs/index.html .

374 Cancer Registry of Slovenia. Cancer Incidence in Slovenia 2005. , 2008http://www.onko-i.si/eng/dejavnosti/epidemiologija_in_register_raka/registri_raka/register_raka_rs/index.html .

375 Cancer Registry of Slovenia. Cancer Incidence in Slovenia 2006. , 2009http://www.onko-i.si/eng/dejavnosti/epidemiologija_in_register_raka/registri_raka/register_raka_rs/index.html .

376 Cancer Registry of Slovenia. Cancer in Slovenia 2007. , 2010http://www.onko-i.si/eng/dejavnosti/epidemiologija_in_register_raka/registri_raka/register_raka_rs/index.html .

377 Ibrahim MM, Omar HM, Persson LA, Wall S. Child mortality in a collapsing African society. *Bull World Health Organ* 1996; **74**: 547–52.

378 PROMEC Cancer Registry. , (Personal Communication).

379 Bradshaw D, Dorrington RE. Maternal mortality ratio - trends in the vital registration data : original article. *South African Journal of Obstetrics and Gynaecology* 2012; **18**: 38, 40–2.

380 Kahn K, Tollman SM, Garenne M, Gear JS. Validation and application of verbal autopsies in a rural area of South Africa. *Trop Med Int Health* 2000; **5**: 824–31.

381 Serwaa-Bonsu A, Herbst AJ, Reniers G, *et al.* First experiences in the implementation of biometric technology to link data from Health and Demographic Surveillance Systems with health facility data. *Glob Health Action* 2010; **3**. doi:10.3402/gha.v3i0.2120.

382 MacPherson P, Moshabela M, Martinson N, Pronyk P. Mortality and loss to follow-up among HAART initiators in rural South Africa. *Trans R Soc Trop Med Hyg* 2009; **103**: 588–93.

383 Dommisse J. The causes of perinatal deaths in the greater Cape Town area. A 12-month survey. *S Afr Med J* 1991; **80**: 270–5.

384 Garrib A, Jaffar S, Knight S, Bradshaw D, Bennish ML. Rates and causes of child mortality in an area of high HIV prevalence in rural South Africa. *Trop Med Int Health* 2006; **11**: 1841–8.

385 Lerer LB, Butchart A, Blanche MT. 'A bothersome death'--narrative accounts of infant mortality in Cape Town, South Africa. *Soc Sci Med* 1995; **40**: 945–53.

386 Muhwava W. Contributions of the Africa Centre Demographic Surveillance to the community. , Africa Centre for Health and Population Studies, 2007http://www.africacentre.ac.za/Default.aspx?tabid=472.

387 Mashego M, Johnson D, Frohlich J, Carrara H, Karim QA. High AIDS-related mortality among young women in rural KwaZulu-Natal. *S Afr Med J* 2007; **97**: 587–92.

388 Gobierno de Canarias. [Cancer Registry of the Canary Islands]. .

389 National Cancer Control Programme. Cancer Incidence Data: Sri Lanka Year 2001-2005. Colombo, Sri Lanka, National Cancer Control Programme, 2009http://203.94.76.60/cancer/Cancer%20registry%202005.pdf (accessed 6 Dec2010).

390 Ministry of Health of Sri Lanka. Achievements in Maternal Health: Maternal Mortality reduction in Sri Lanka. .

391 Sivagnanasundram C, Sivarajah N, Wijayaratnam A. Infant deaths in a health unit area of Northern Sri Lanka. *J Trop Med Hyg* 1985; **88**: 401–6.

392 Khartoum Teaching Hospital. Tabulated Mortuary Records. Khartoum, Sudan, 2010.

393 Omdurman Teaching Hospital. Tabulated Mortuary Records. Omdurman, Sudan, 2011.

394 Ministry of Health (Southern Sudan), Federal Ministry of Health (Sudan), Southern Sudan Centre for Census, Statistics and Evaluation (SSCCSE), Central Bureau of Statistics (Sudan). Sudan Family Health Survey 2006. .

395 National Institute for Cancer Epidemiology and Registration. Switzerland Statistics of Cancer Incidence 1983-2007. http://www.nicer.org/stat/i5ch8307.pdf (accessed 17 Jun2010).

396 Syrian Arab Republic Office of the Prime Minister, Central Bureau of Statistics, League of Arab States Pan Arab Project for Family Health. The Family Health Survey in the Syrian Arab Republic Principal Report. , 2001.

397 Abu-Rashid N, Al-Jirf S, Bashour H. Causes of death among Syrian children using verbal autopsy. *Eastern Mediterranean Health Journal* 1996; **2**: 440–8.

398 Taiwan Cancer Registry. , (Personal Communication), 2007.

399 UNICEF. Infant Mortality in Tajikistan Two studies look at risk factors. Child Research Digest, No. 4, UNICEF Tajikistan.

400 MacLeod J, Rhode R. Retrospective follow-up of maternal deaths and their associated risk factors in a rural district of Tanzania. *Trop Med Int Health* 1998; **3**: 130–7.

401 Mtango FD, Neuvians D. Acute respiratory infections in children under five years. Control project in Bagamoyo District, Tanzania. *Trans R Soc Trop Med Hyg* 1986; **80**: 851–8.

402 Mtango FD, Neuvians D, Broome CV, Hightower AW, Pio A. Risk factors for deaths in children under 5 years old in Bagamoyo district, Tanzania. *Trop Med Parasitol* 1992; **43**: 229–33.

403 Hinderaker SG, Olsen BE, Bergsjø PB, *et al.* Avoidable stillbirths and neonatal deaths in rural Tanzania. *BJOG* 2003; **110**: 616–23.

404 Olsen BE, Hinderaker SG, Bergsjø P, *et al.* Causes and characteristics of maternal deaths in rural northern Tanzania. *Acta Obstet Gynecol Scand* 2002; **81**: 1101–9.

405 Whiting DR, Setel PW, Chandramohan D, Wolfson LJ, Hemed Y, Lopez AD. Estimating cause-specific mortality from community- and facility-based data sources in the United Republic of Tanzania: options and implications for mortality burden estimates. *Bull World Health Organ* 2006; **84**: 940–8.

406 Iriya N, Manji KP, Mbise RL. Verbal autopsy in establishing cause of perinatal death. *East Afr Med J* 2002; **79**: 82–4.

407 Mswia R, Lewanga M, Moshiro C, *et al.* Community-based monitoring of safe motherhood in the United Republic of Tanzania. *Bull World Health Organ* 2003; **81**: 87–94.

408 Ministry of Health, Department of International Development, University of Newcastle Upon Tyne. The Policy Implications of Tanzania's Mortality Burden: a 10-year community-based perspective. Tanzania, 2004.

409 Ifakara Health Research and Development Centre. Ifakara Centre Demographic Surveillance System (IC-DSS). , Ifakara Health Research and Development Centre, 2002http://www.mimcom.org.uk/ifakara/ICDSSUnit.htm.

410 Kamara MK. Clustering of mortality among children under five Years due to malaria at the Ifakara Demographic Surveillance Site in Tanzania. 2008.

411 Narh-Bana S. Risk factors and causes of adult deaths in the Ifakara health and demographic surveillance system population, 2003-2007. 2010.

412 Sangber-Dery MD. The Role of Birth Order in Infant Mortality in Ifakara DSS Area in Rural Tanzania. 2009.

413 Kaatano GM, Mashauri FM, Kinung'hi SM, *et al.* Patterns of malaria related mortality based on verbal autopsy in Muleba District, north-western Tanzania. *Tanzan J Health Res* 2009; **11**: 210–8.

414 Urassa M, Boerma JT, Isingo R, *et al.* The impact of HIV/AIDS on mortality and household mobility in rural Tanzania. *AIDS* 2001; **15**: 2017–23.

415 INDEPTH. Tanzania - Magu Health and Demographic Surveillance System. .

416 Salum FM, Wilkes TJ, Kivumbi K, Curtis CF. Mortality of under-fives in a rural area of holoendemic malaria transmission. *Acta Trop* 1994; **58**: 29–34.

417 Sazawal S, Black RE, Ramsan M, *et al.* Effect of zinc supplementation on mortality in children aged 1-48 months: a community-based randomised placebo-controlled trial. *Lancet* 2007; **369**: 927–34.

418 Pepall J. Making Plans for Success- The Tanzania Essential Health Interventions Project. , 2003http://www.idrc.org/tehip/.

419 Premji Z, Ndayanga P, Shiff C, Minjas J, Lubega P, MacLeod J. Community based studies on childhood mortality in a malaria holoendemic area on the Tanzanian coast. *Acta Trop* 1997; **63**: 101–9.

420 National Cancer Institute. Cancer in Thailand Volume V, 2001-2003. , 2010http://www.nci.go.th/cancer_record/cancer_rec1.html.

421 Polprasert W, Rao C, Adair T, Pattaraarchachai J, Porapakkham Y, Lopez AD. Cause-of-death ascertainment for deaths that occur outside hospitals in Thailand: application of verbal autopsy methods. *Popul Health Metr* 2010; **8**: 13.

422 Mo-suwan L, Isaranurug S, Chanvitan P, *et al.* Perinatal death pattern in the four districts of Thailand: findings from the Prospective Cohort Study of Thai Children (PCTC). *J Med Assoc Thai* 2009; **92**: 660–6.

423 Horpaopan S, Puapondh Y, Ratrisawasdi V, Prasertsom W, Vichitpahanakarn P, Sunakorn P. Perinatal mortality at Children's and Rajvithi Hospitals in 1983-1987. *J Med Assoc Thai* 1989; **72**: 376–81.

424 Tocharoenvanich P, Yipintsoi T, Choomalee K, Boonwanno P, Rodklai A. Risk factors for a five-year death in the interASIA-south cohort. *J Med Assoc Thai* 2008; **91**: 471–8.

425 The National Cancer Registry of Trinidad and Tobago. Distribution of Incidences in Trinidad and Tobago for the Period January 1995 to December 2006. , (Personal Communication), 2006.

426 Goren S, Subasi M, Tirasci Y, Kemaloglu S. Firearm-related mortality: a review of four hundred-forty four deaths in Diyarbakir, Turkey between 1996 and 2001. *Tohoku J Exp Med* 2003; **201**: 139–45.

427 Tirasci Y, Goren S, Gurkan F, Uzun I. Medicolegal deaths in children and adolescents. *Saudi Med J* 2005; **26**: 1477–9.

428 Izmir Cancer Registry. Cancer Data of Izmir. , 2006http://www.ism.gov.tr/kidem/enghome.htm.

429 General Directorate of Public Security, Turkish Statistical Institute. Traffic Accident Statistics Road 2010. Ankara, Turkish Statistical Institute, 2011.

430 Demir A, Kalyoncu A, Selcuk T, Artvinli M, Sahin A. Prevalence of Asthma, Allergy, and Respiratory Symptoms in Hasançelebi/Hekimhan/Malatya in Eastern Turkey. *Turkish Respiratory Journal* 2001; **2**: 29–34.

431 Gunay T, Kilic B, Keskinoglu P, Kayser Konakci S, Pabuccuoglu O. Infant Mortality Rates in Narlidere District, Turkey (1999 to 2001): Trends in Rates and Risk Factors. *Turkish Journal of Public Health* 2009; **6**: 9–18.

432 Türkyilmaz AS, Koc I, Schumacher R, Campbell OMR. The Turkey national maternal mortality study. *Eur J Contracept Reprod Health Care* 2009; **14**: 75–82.

433 Akgün S, Rao C, Yardim N, *et al.* Estimating mortality and causes of death in Turkey: methods, results and policy implications. *Eur J Public Health* 2007; **17**: 593–9.

434 Waiswa P, Kallander K, Peterson S, Tomson G, Pariyo GW. Using the three delays model to understand why newborn babies die in eastern Uganda. *Trop Med Int Health* 2010; **15**: 964–72.

435 Uganda Bureau of Statistics, Macro International Inc., MEASURE Evaluation. Uganda Child Verbal Autopsy Study 2007. Calverton, Maryland, USA, UBOS, Macro International Inc., and MEASURE Evaluation, 2008.

436 Vella V, Tomkins A, Nidku J, Marshall T. Determinants of child mortality in south-west Uganda. *J Biosoc Sci* 1992; **24**: 103–12.

437 Fedorenko ZP, Goulak LO, Gorokh YL, *et al.* Cancer in Ukraine, 2000-2001. , 2002http://users.iptelecom.net.ua/~ucr/download/download.htm.

438 Fedorenko ZP, Goulak LO, Gorokh YL, *et al.* Cancer in Ukraine, 2002-2003. , 2004http://users.iptelecom.net.ua/~ucr/download/download.htm.

439 Fedorenko ZP, Goulak LO, Gorokh YL, *et al.* Cancer in Ukraine, 2003-2004. , 2005http://users.iptelecom.net.ua/~ucr/download/download.htm.

440 Fedorenko ZP, Goulak LO, Gorokh YL, *et al.* Cancer in Ukraine, 2004-2005. , 2006http://users.iptelecom.net.ua/~ucr/download/download.htm.

441 Fedorenko ZP, Goulak LO, Gorokh YL, *et al.* Cancer in Ukraine, 2005-2006. , 2007http://users.iptelecom.net.ua/~ucr/download/download.htm.

442 Fedorenko ZP, Goulak LO, Gorokh YL, *et al.* Cancer in Ukraine, 2006-2007. , 2008http://users.iptelecom.net.ua/~ucr/download/download.htm.

443 NHS National Services Scotland. Trends in Incidence 1985-2008. http://www.isdscotland.org/Health-Topics/Cancer/Publications/data-tables.asp?id=546#546 (accessed 30 Jul2011).

444 Office for National Statistics. Cancer Registrations in England, 2003. , 2005http://www.ons.gov.uk/ons/publications/re-reference-tables.html?edition=tcm%3A77-216638 (accessed 7 Jun2011).

445 Office for National Statistics. Cancer Registrations in England, 2004. , 2006http://www.ons.gov.uk/ons/publications/re-reference-tables.html?edition=tcm%3A77-216666 (accessed 7 Jun2011).

446 Office for National Statistics. Cancer Registrations in England, 2005. , 2007http://www.ons.gov.uk/ons/publications/re-reference-tables.html?edition=tcm%3A77-216690 (accessed 7 Jun2011).

447 Office for National Statistics. Cancer Registrations in England, 2006. , 2008http://www.ons.gov.uk/ons/publications/re-reference-tables.html?edition=tcm%3A77-216674 (accessed 7 Jun2011).

448 Office for National Statistics. Cancer Registrations in England, 2007. , 2009http://www.ons.gov.uk/ons/publications/re-reference-tables.html?edition=tcm%3A77-216652 (accessed 7 Jun2011).

449 Office for National Statistics. Cancer Registrations in England, 2008. , 2010http://www.ons.gov.uk/ons/publications/re-reference-tables.html?edition=tcm%3A77-227473 (accessed 7 Jun2011).

450 Howlader N, Noone A, Krapcho M, *et al.* SEER Cancer Statistics Review 1975-2008. 2010.http://seer.cancer.gov/csr/1975_2008/.

451 Registro Nacional de Cancer. [Atlas III Incidence of Cancer in Uruguay 2002-2006]. , 2010http://www.urucan.org.uy/uilayer/ve/pve_publicaciones.htm.

452 General Statistics Office. The 2006 Population Change and Family Planning Survey: Major Findings. Hanoi, 2008.

453 Huong DL, Van Minh H, Janlert U, Van DD, Byass P. Socio-economic status inequality and major causes of death in adults: a 5-year follow-up study in rural Vietnam. *Public Health* 2006; **120**: 497–504.

454 Ngo AD, Rao C, Hoa NP, Adair T, Chuc NTK. Mortality patterns in Vietnam, 2006: Findings from a national verbal autopsy survey. *BMC Res Notes* 2010; **3**: 78.

455 Ministry of Health Department of Population and Family Planning. Vietnam Sentinel Mortality Surveillance Sites. , 2010.

456 van Tran D, van Thuan C, Tuan T, Dung PH, Persson L, Grabe M. Survey on immunization, diarrhoeal disease and mortality in Quang Ninh Province, Vietnam. *J Trop Pediatr* 1991; **37**: 280–5.

457 Hoa DP, Höjer B, Persson LA. Are there social inequities in child morbidity and mortality in rural Vietnam. *J Trop Pediatr* 1997; **43**: 226–31.

458 Hieu DT, Hanenberg R, Vach TH, Vinh DQ, Sokal D. Maternal mortality in Vietnam in 1994-95. *Stud Fam Plann* 1999; **30**: 329–38.

459 The Republic of Yemen Ministry of Health & Population, Central Statistical Organization an League of Arab States. The Yemen family health survey: Principal report. Cairo, Egypt, The Republic of Yemen Ministry of Health & Population, Central Statistical Organization an League of Arab States, 2004.

460 Bågenholm GC, Nasher AA. Mortality among children in rural areas of the People's Democratic Republic of Yemen. *Ann Trop Paediatr* 1989; **9**: 75–81.

461 Lusaka Burial Permit Office. Burial Statistics. Lusaka, Zambia, 2009.

462 Watts T, Ng'andu N, Wray J. Children in an urban township in Zambia. A prospective study of children during their first year of life. *J Trop Pediatr* 1990; **36**: 287–93.

463 Mudenda SS, Kamocha S, Mswia R, *et al.* Feasibility of using a World Health Organization-standard methodology for Sample Vital Registration with Verbal Autopsy (SAVVY) to report leading causes of death in Zambia: results of a pilot in four provinces, 2010. *Popul Health Metr* 2011; **9**: 40.

464 Zimbabwe National Cancer Registry. Pattern of Cancer in Zimbabwe 2005 Annual Report. , 2009http://www.iacr.com.fr/CR%20Reports/Zimbabwe_2005.pdf.

465 Zimbabwe National Cancer Registry. Pattern of Cancer in Zimbabwe 2006 Annual Report. , (Personal Communication), 2010.

466 Fawcus S, Mbizvo M, Lindmark G, Nyström L. A community-based investigation of avoidable factors for maternal mortality in Zimbabwe. *Stud Fam Plann* 1996; **27**: 319–27.

467 Foreman KJ, Lozano R, Lopez AD, Murray CJ. Modeling causes of death: an integrated approach using CODEm. *Popul Health Metr* 2012; **10**: 1.

468 Armah GE, Sow SO, Breiman RF, *et al.* Efficacy of pentavalent rotavirus vaccine against severe rotavirus gastroenteritis in infants in developing countries in sub-Saharan Africa: a randomised, double-blind, placebo-controlled trial. *Lancet* 2010; **376**: 606–14.

469 Correia JB, Patel MM, Nakagomi O, *et al.* Effectiveness of monovalent rotavirus vaccine (Rotarix) against severe diarrhea caused by serotypically unrelated G2P[4] strains in Brazil. *J Infect Dis* 2010; **201**: 363–9.

470 Richardson V, Hernandez-Pichardo J, Quintanar-Solares M, *et al.* Effect of rotavirus vaccination on death from childhood diarrhea in Mexico. *N Engl J Med* 2010; **362**: 299–305.

471 Madhi SA, Cunliffe NA, Steele D, *et al.* Effect of human rotavirus vaccine on severe diarrhea in African infants. *N Engl J Med* 2010; **362**: 289–98.

472 Ruiz-Palacios GM, Pérez-Schael I, Velázquez FR, *et al.* Safety and efficacy of an attenuated vaccine against severe rotavirus gastroenteritis. *N Engl J Med* 2006; **354**: 11–22.

473 Zaman K, Dang DA, Victor JC, *et al.* Efficacy of pentavalent rotavirus vaccine against severe rotavirus gastroenteritis in infants in developing countries in Asia: a randomised, double-blind, placebo-controlled trial. *Lancet* 2010; **376**: 615–23.

474 Gurgel RG, Bohland AK, Vieira SCF, *et al.* Incidence of rotavirus and all-cause diarrhea in northeast Brazil following the introduction of a national vaccination program. *Gastroenterology* 2009; **137**: 1970–5.

475 Lanzieri TM, Costa I, Shafi FA, *et al.* Trends in hospitalizations from all-cause gastroenteritis in children younger than 5 years of age in Brazil before and after human rotavirus vaccine introduction, 1998-2007. *Pediatr Infect Dis J* 2010; **29**: 673–5.

476 do Carmo GMI, Yen C, Cortes J, *et al.* Decline in diarrhea mortality and admissions after routine childhood rotavirus immunization in Brazil: a time-series analysis. *PLoS Med* 2011; **8**: e1001024.

477 Molto Y, Cortes JE, De Oliveira LH, *et al.* Reduction of diarrhea-associated hospitalizations among children aged < 5 Years in Panama following the introduction of rotavirus vaccine. *Pediatr Infect Dis J* 2011; **30**: S16–20.

478 Yen C, Armero Guardado JA, Alberto P, *et al.* Decline in rotavirus hospitalizations and health care visits for childhood diarrhea following rotavirus vaccination in El Salvador. *Pediatr Infect Dis J* 2011; **30**: S6–S10.

479 Black RE, Cousens S, Johnson HL, *et al.* Global, regional, and national causes of child mortality in 2008: a systematic analysis. *Lancet* 2010; **375**: 1969–87.

480 Watt JP, Wolfson LJ, O'Brien KL, *et al.* Burden of disease caused by Haemophilus influenzae type b in children younger than 5 years: global estimates. *Lancet* 2009; **374**: 903–11.

481 O'Brien KL, Wolfson LJ, Watt JP, *et al.* Burden of disease caused by Streptococcus pneumoniae in children younger than 5 years: global estimates. *Lancet* 2009; **374**: 893–902.

482 Deloria Knoll M, O'Brien K, Henkle E, *et al.* Global literature review of Haemophilus influenzae type b and Streptococcus pneumoniae invasive disease among children less than five years of age 1980-2005. 2009; **WHO/IV**.http://www.who.int/immunization/documents/WHO_IVB_09.02/en/index.html (accessed 7 Feb2012).

483 Rudan I, Tomaskovic L, Boschi-Pinto C. WHO | World Health Organization. The database with studies of acute respiratory infections (ARI) in children under five years in developing countries. 2002.http://www.who.int/child-adolescent-health/OVERVIEW/CHILD_HEALTH/child_epidemiology.htm (accessed 3 Nov2005).

484 Black SB, Shinefield HR, Ling S, *et al.* Effectiveness of heptavalent pneumococcal conjugate vaccine in children younger than five years of age for prevention of pneumonia. *Pediatr Infect Dis J* 2002; **21**: 810–5.

485 Cutts FT, Zaman SMA, Enwere G, *et al.* Efficacy of nine-valent pneumococcal conjugate vaccine against pneumonia and invasive pneumococcal disease in The Gambia: randomised, double-blind, placebo-controlled trial. *Lancet* 2005; **365**: 1139–46.

486 Klugman KP, Madhi SA, Huebner RE, Kohberger R, Mbelle N, Pierce N. A trial of a 9-valent pneumococcal conjugate vaccine in children with and those without HIV infection. *N Engl J Med* 2003; **349**: 1341–8.

487 Lucero MG, Nohynek H, Williams G, *et al.* Efficacy of an 11-valent pneumococcal conjugate vaccine against radiologically confirmed pneumonia among children less than 2

years of age in the Philippines: a randomized, double-blind, placebo-controlled trial. *Pediatr Infect Dis J* 2009; **28**: 455–62.

488 Baqui A. Effectiveness of Haemophilus influenzae type B conjugate vaccine on prevention of pneumonia and meningitis in Bangladeshi children: a case-control study. *The Pediatric infectious disease journal* 2007; **26**: 565–71.

489 Gessner B. Incidences of vaccine-preventable Haemophilus influenzae type b pneumonia and meningitis in Indonesian children: hamlet-randomised vaccine-probe trial. *Lancet* 2005; **365**: 43–52.

490 Levine OS, Lagos R, Muñoz A, *et al.* Defining the burden of pneumonia in children preventable by vaccination against Haemophilus influenzae type b. *Pediatr Infect Dis J* 1999; **18**: 1060–4.

491 Mulholland K. Randomised trial of Haemophilus influenzae type-b tetanus protein conjugate vaccine [corrected] for prevention of pneumonia and meningitis in Gambian infants. *Lancet* 1997; **349**: 1191–7.

492 Khan KS, Wojdyla D, Say L, Gülmezoglu AM, Van Look PFA. WHO analysis of causes of maternal death: a systematic review. *Lancet* 2006; **367**: 1066–74.

493 Rein DB, Stevens GA, Theaker J, Wittenborn JS, Wiersma ST. The global burden of hepatitis E virus genotypes 1 and 2 in 2005. *Hepatology* 2012; **55**: 988–97.

494 Pelosi E, Clarke I. Hepatitis E: a complex and global disease. *Emerg Health Threats J* 2008; **1**: e8.

495 Hoffman SL, Edman DC, Punjabi NH, *et al.* Bone marrow aspirate culture superior to streptokinase clot culture and 8 ml 1:10 blood-to-broth ratio blood culture for diagnosis of typhoid fever. *Am J Trop Med Hyg* 1986; **35**: 836–9.

496 Gilman RH, Terminel M, Levine MM, Hernandez-Mendoza P, Hornick RB. Relative efficacy of blood, urine, rectal swab, bone-marrow, and rose-spot cultures for recovery of Salmonella typhi in typhoid fever. *Lancet* 1975; **1**: 1211–3.

497 Watson KC. Laboratory and clinical investigation of recovery of Salmonella typhi from blood. *J Clin Microbiol* 1978; **7**: 122–6.

498 Bhan MK, Bahl R, Bhatnagar S. Typhoid and paratyphoid fever. *Lancet* 2005; **366**: 749–62.

499 Crump JA, Luby SP, Mintz ED. The global burden of typhoid fever. *Bull World Health Organ* 2004; **82**: 346–53.

500 Ministry of Health. The Information System for Notifiable Diseases. Brasilia, Brazil, Ministry of Healthhttp://dtr2004.saude.gov.br/sinanweb/index.php?saude=http%3A%2F%2Fdtr2004.sau

de.gov.br%2Fsinanweb%2Findex.php&botaook=OK&obj=http%3A%2F%2Fdtr2004.saude.gov.br%2Fsinanweb%2Findex.php (accessed 26 Apr2012).

501 Aaby P. Malnutrition and overcrowding/intensive exposure in severe measles infection: review of community studies. *Rev Infect Dis* 1988; **10**: 478–91.

502 Singh J, Sharma RS, Verghese T. Measles mortality in India: a review of community based studies. *J Commun Dis* 1994; **26**: 203–14.

503 Sudfeld CR, Halsey NA. Measles case fatality ratio in India a review of community based studies. *Indian Pediatr* 2009; **46**: 983–9.

504 Wolfson LJ, Grais RF, Luquero FJ, Birmingham ME, Strebel PM. Estimates of measles case fatality ratios: a comprehensive review of community-based studies. *Int J Epidemiol* 2009; **38**: 192–205.

505 EUVAC.NET. Measles surveillance annual report. Copenhagen, EUVAC.NET, 2002.

506 Wymann MN, Richard J-L, Vidondo B, Heininger U. Prospective pertussis surveillance in Switzerland, 1991-2006. *Vaccine* 2011; **29**: 2058–65.

507 Pollard R. Relation between vaccination and notification rates for whooping cough in England and Wales. *Lancet* 1980; **1**: 1180–2.

508 Crowcroft NS, Stein C, Duclos P, Birmingham M. How best to estimate the global burden of pertussis? *Lancet Infect Dis* 2003; **3**: 413–8.

509 EUVAC.NET. Pertussis surveillance annual report. Copenhagen, EUVAC.NET, 2002.

510 WHO Department of Communicable Disease Surveillance and Response. WHO Report on Global Surveillance of Epidemic-prone Infectious Diseases. 2000.http://whqlibdoc.who.int/hq/2000/WHO_CDS_CSR_ISR_2000.1.pdf.

511 WHO | 24 February 2006, vol. 81, 8 (pp 69–80). WHO. http://www.who.int/wer/2006/wer8108/en/index.html (accessed 19 Jun2012).

512 Simarro PP, Cecchi G, Paone M, *et al.* The Atlas of human African trypanosomiasis: a contribution to global mapping of neglected tropical diseases. *International Journal of Health Geographics* 2010; **9**: 57.

513 Center for International Earth Science Information Network (CIESIN), Columbia University; and Centro Internacional de Agricultura Tropical (CIAT). Gridded Population of the World, Version 3 (GPWv3). 2005.http://sedac.ciesin.columbia.edu/gpw/.

514 Balasegaram M, Harris S, Checchi F, Ghorashian S, Hamel C, Karunakara U. Melarsoprol versus eflornithine for treating late-stage Gambian trypanosomiasis in the Republic of the Congo. *Bull World Health Organ* 2006; **84**: 783–91.

515 Odiit M, Kansiime F, Enyaru JC. Duration of symptoms and case fatality of sleeping sickness caused by Trypanosoma brucei rhodesiense in Tororo, Uganda. *East Afr Med J* 1997; **74**: 792–5.

516 Priotto G, Kasparian S, Mutombo W, *et al.* Nifurtimox-eflornithine combination therapy for second-stage African Trypanosoma brucei gambiense trypanosomiasis: a multicentre, randomised, phase III, non-inferiority trial. *Lancet* 2009; **374**: 56–64.

517 Walter, Jan. First Steps towards the Estimation of the Burden of Human African trypanosomiasis. *WHO* 2003.

518 Lutumba P, Makieya E, Shaw A, Meheus F, Boelaert M. Human African trypanosomiasis in a rural community, Democratic Republic of Congo. *Emerging Infect Dis* 2007; **13**: 248–54.

519 Fèvre EM, Odiit M, Coleman PG, Woolhouse MEJ, Welburn SC. Estimating the burden of rhodesiense sleeping sickness during an outbreak in Serere, eastern Uganda. *BMC Public Health* 2008; **8**: 96.

520 Wang H, Dwyer-Lindgren L, Lofgren K, *et al.* Global and Regional Age-Specific Mortality 1970-2010: A Systematic Analysis. In preparation.

521 Murray CJ, Lozano R, Flaxman AD, Vahdatpour A, Lopez AD. Robust metrics for assessing the performance of different verbal autopsy cause assignment methods in validation studies. *Popul Health Metrics* 2011; **9**: 28.

522 Wang H, Dwyer-Lindgren L, Lofgren KT, *et al.* Age- and Sex-Specific Mortality for 187 Countries, 1970-2010: A Systematic Analysis. (in submission).

523 Murray CJ, Lozano R, Flaxman AD, Vahdatpour A, Lopez AD. Robust metrics for assessing the performance of different verbal autopsy cause assignment methods in validation studies. *Population Health Metrics* 2011; **9**: 28.

524 Pollard R. Relation between vaccination and notification rates for whooping cough in England and Wales. *Lancet* 1980; **1**: 1180–2.

525 Black RE, Cousens S, Johnson HL, *et al.* Global, regional, and national causes of child mortality in 2008: a systematic analysis. *Lancet* 2010; **375**: 1969–87.

526 Watt JP, Wolfson LJ, O'Brien KL, *et al.* Burden of disease caused by Haemophilus influenzae type b in children younger than 5 years: global estimates. *Lancet* 2009; **374**: 903–11.

527 O'Brien KL, Wolfson LJ, Watt JP, *et al.* Burden of disease caused by Streptococcus pneumoniae in children younger than 5 years: global estimates. *The Lancet* 12; **374**: 893–902.

528 Khan KS, Wojdyla D, Say L, Gülmezoglu AM, Van Look PF. WHO analysis of causes of maternal death: a systematic review. *The Lancet* 1; **367**: 1066–74.

529 Mulholland K, Hilton S, Adegbola R, *et al.* Randomised trial of Haemophilus influenzae type-b tetanus protein conjugate vaccine [corrected] for prevention of pneumonia and meningitis in Gambian infants. *Lancet* 1997; **349**: 1191–7.

530 Gessner BD, Sutanto A, Linehan M, *et al.* Incidences of vaccine-preventable Haemophilus influenzae type b pneumonia and meningitis in Indonesian children: hamlet-randomised vaccine-probe trial. *Lancet* 2005; **365**: 43–52.

531 Baqui AH, El Arifeen S, Saha SK, *et al.* Effectiveness of Haemophilus influenzae type B conjugate vaccine on prevention of pneumonia and meningitis in Bangladeshi children: a case-control study. *Pediatr Infect Dis J* 2007; **26**: 565–71.

532 Cutts FT, Zaman SMA, Enwere G, *et al.* Efficacy of nine-valent pneumococcal conjugate vaccine against pneumonia and invasive pneumococcal disease in The Gambia: randomised, double-blind, placebo-controlled trial. *Lancet* 2005; **365**: 1139–46.