

United States of America - County-Level Population Estimates Data 1969-2015

**Population Estimates Program - United States Census Bureau; Surveillance,
Epidemiology, and End Results Program - National Cancer Institute**

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Visit our data catalog at: <http://nada.vm-host.net/index.php>

Overview

Identification

ID NUMBER

USA-USCB-PED-1969-2015-v02

Overview

ABSTRACT

The Census Bureau's Population Estimates Program (PEP) produces estimates of the population for the United States, its states, counties, cities, and towns, as well as for the Commonwealth of Puerto Rico and its municipios. Demographic components of population change (births, deaths, and migration) are produced at the national, state, and county levels of geography. PEP annually utilizes current data on births, deaths, and migration to calculate population change since the most recent decennial census and produce a time series of estimates of population, demographic components of change, and housing units. The annual time series of estimates begins with the most recent decennial census data and extends to the vintage year.

The county population estimates presented here represent a modification of the intercensal and Vintage 2015 annual time series of July 1, county population estimates by age, sex, race, and Hispanic origin produced by the PEP, in collaboration with the National Center for Health Statistics, and with support from the National Cancer Institute (NCI) through an interagency agreement. The modifications made by the NCI to the Census Bureau estimates are documented in Population Estimates Used (see <https://seer.cancer.gov/popdata/methods.html>) and are summarized below.

- The population estimates incorporate intercensal (for July 1, 2000-2009) and Vintage 2015 (for July 1, 2010-2015) bridged single-race estimates that are derived from the original multiple race categories in the 2000 and 2010 Censuses. The bridged single-race estimates and a description of the methodology used to develop them appear on the National Center for Health Statistics Web site (see https://www.cdc.gov/nchs/nvss/bridged_race.htm).

- A modification that NCI has made to the Census Bureau estimates only affects population estimates for the state of Hawaii. Based on concerns that the native Hawaiian population has been vastly undercounted in previous censuses, the Epidemiology Program of the Hawaii Cancer Research Center External Web Site Policy has recommended an adjustment to the populations for their state. The "Hawaii-adjustment" to the Census Bureau's estimates has the net result of reducing the estimated white population and increasing the estimated Asian and Pacific Islander population for the state. The estimates for the total population, black population, and American Indian and Alaska Native populations in Hawaii are not modified.

- Two sets of population estimates are available for 2005: the standard set based on July 1 populations and another set adjusted for population shifts due to hurricanes Katrina (August 29) and Rita (September 24). These estimates are lower for counties/parishes that had direct hurricane impact and higher for counties/parishes that were destinations for those displaced. See Adjusted Populations for the Counties/Parishes Affected by Hurricane Katrina and Rita (https://seer.cancer.gov/popdata/hurricane_adj.html) for more information.

**Note:

This DDI pertains to the U.S. county population estimates from 1969-2015, which contains "race" categories: White; Black; Other.

Another dataset containing U.S. county population estimates from 1990-2015 is also available from <https://seer.cancer.gov/popdata/download.html>. This data set contains "Expanded Race" categories: White; Black; American Indian/Alaska Native; Asian/Pacific Islander, by Origin: Hispanic; Non-Hispanic.

Scope

NOTES

Population estimates are available for the following time periods and "races":

- 1969-2015 County-level: White, Black, Other;

- 1990-2015 County-level: Expanded Races (White, Black, American Indian/Alaska Native, Asian/Pacific Islander) by Origin (Hispanic, Non-Hispanic);

- County-level population files with 19 age groups (<1, 1-4, ..., 80-84, 85+) and with 86 single-year age groups (<1, 1, 2, ..., 84, 85+)

Coverage

GEOGRAPHIC COVERAGE

National coverage

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Population Estimates Program	United States Census Bureau
Surveillance, Epidemiology, and End Results Program	National Cancer Institute

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Centre for Global Health Research	CGHR	St. Michael's Hospital; University of Toronto	Metadata producer

DATE OF METADATA PRODUCTION

2017-02-07

DDI DOCUMENT VERSION

Version 2.0. This is the second version of this DDI document.

This version pertains to U.S. Population data from 1969-2015, while Version 1.0 pertains to data from 1969-2014.

DDI DOCUMENT ID

USA-USCB-PED-1969-2015-v02

Sampling

No content available

Questionnaires

No content available

Data Collection

Data Collection Dates

Start	End	Cycle
1969	2015	N/A

Data Collection Mode

Other [oth]

Data Processing

No content available

Data Appraisal

No content available

File Description

Variable List

US Pop 1969-2015

Content	First 1000 rows of the U.S. County-Level Population Estimates from 1969-2015.
Cases	1000
Variable(s)	10
Structure	Type: Keys: ()
Version	First 1000 observations of original dataset; original data set contains 65,536 observations for 10 variables. ** Note: M.Atalla (Metadata producer) added variable names to the original .xls dataset using the Population Data Dictionary found under "Other Study Materials".
Producer	
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V11	year	Year	discrete	numeric	
V12	state_postal_abb	State Postal Abbreviation	discrete	character	
V13	state_FIPS_code	State Federal Information Processing Standard Code	discrete	numeric	
V14	county_FIPS_code	County Federal Information Processing Standard Code	discrete	numeric	
V15	registry	Registry	discrete	numeric	
V16	race	Race	discrete	numeric	
V17	origin	Origin	discrete	numeric	
V18	sex	Sex	discrete	numeric	
V19	age	Age	discrete	numeric	
V20	population	Population Estimate	discrete	numeric	

Year (year)

File: US Pop 1969-2015

Overview

Type: Discrete	Valid cases: 1000
Format: numeric	Invalid: 0
Decimals: 0	
Range: 1969-1969	

State Postal Abbreviation (state_postal_abb)

File: US Pop 1969-2015

Overview

Type: Discrete	Valid cases: 1000
Format: character	Invalid: 0
Width: 2	

State Federal Information Processing Standard Code (state_FIPS_code)

File: US Pop 1969-2015

Overview

Type: Discrete	Valid cases: 1000
Format: numeric	Invalid: 0
Decimals: 0	
Range: 1-1	

County Federal Information Processing Standard Code (county_FIPS_code)

File: US Pop 1969-2015

Overview

Type: Discrete	Valid cases: 1000
Format: numeric	Invalid: 0
Decimals: 0	
Range: 1-23	

Registry (registry)

File: US Pop 1969-2015

Overview

Type: Discrete	Valid cases: 1000
Format: numeric	Invalid: 0
Decimals: 0	
Range: 99-99	

Race (race)

File: US Pop 1969-2015

Overview

Race (race)

File: US Pop 1969-2015

Type: Discrete
 Format: numeric
 Decimals: 0
 Range: 1-3

Valid cases: 1000
 Invalid: 0

Origin (origin)

File: US Pop 1969-2015

Overview

Type: Discrete
 Format: numeric
 Decimals: 0
 Range: 9-9

Valid cases: 1000
 Invalid: 0

Sex (sex)

File: US Pop 1969-2015

Overview

Type: Discrete
 Format: numeric
 Decimals: 0
 Range: 1-2

Valid cases: 1000
 Invalid: 0

Age (age)

File: US Pop 1969-2015

Overview

Type: Discrete
 Format: numeric
 Decimals: 0
 Range: 0-18

Valid cases: 1000
 Invalid: 0

Population Estimate (population)

File: US Pop 1969-2015

Overview

Type: Discrete
 Format: numeric
 Decimals: 0
 Range: 1-4900

Valid cases: 1000
 Invalid: 0

Related Materials

Technical documents

U.S. Population Estimates Methodology

Title U.S. Population Estimates Methodology
Author(s) Census Bureau's Population Estimates Program (PEP)
Country USA
Language English
Filename US Census Bureau methods pop data.pdf

U.S. Population Data Dictionary 2015

Title U.S. Population Data Dictionary 2015
Author(s) Census Bureau's Population Estimates Program (PEP)
Country USA
Language English
Filename US_Population_Data_Dictionary.pdf
