

October 12, 2017

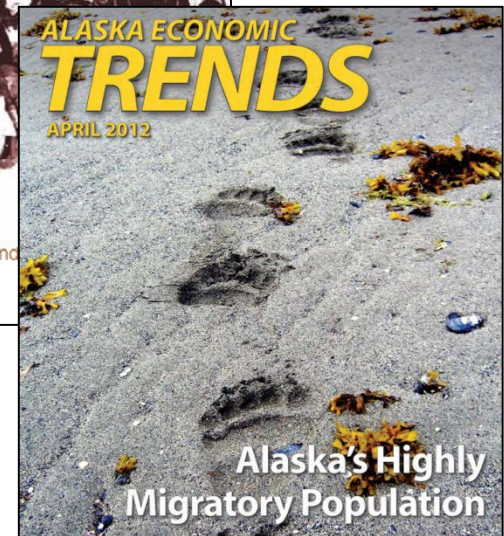
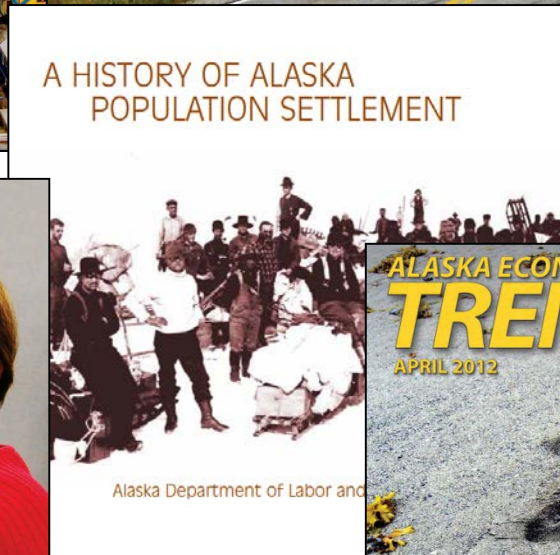
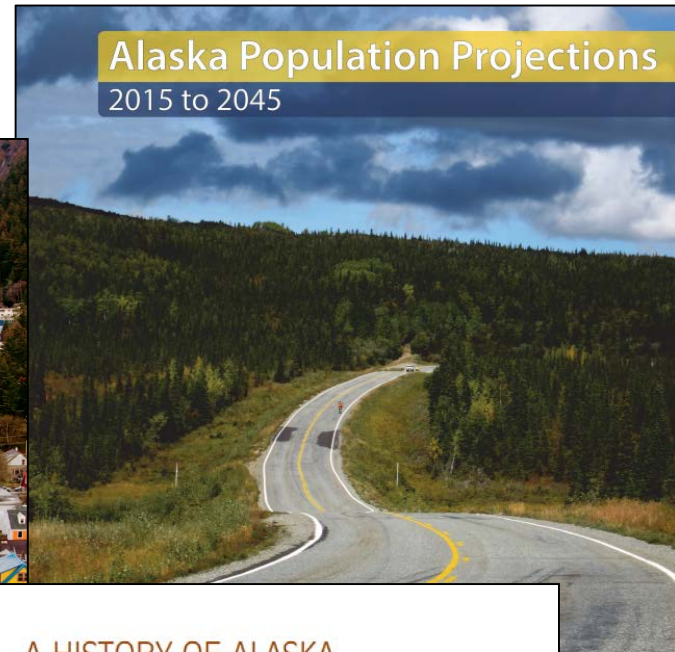
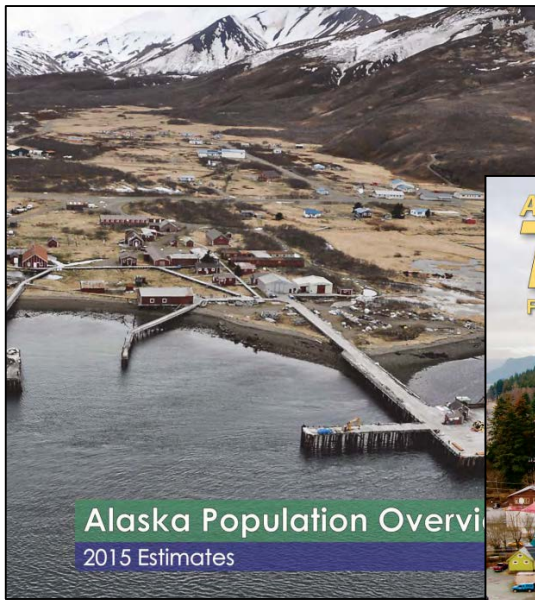
Alaska Population Data: Methods and Resources

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Alaska Department of Labor
and Workforce Development



ALASKA DEPARTMENT OF LABOR
& WORKFORCE DEVELOPMENT



Population data: Uses

- Population data are used for a wide range of purposes, including:
 - Distribution of resources
 - Survey weighting
 - Research and planning
 - Legislative redistricting


Population Estimates: How we make them

- For total population, and population by age and sex, we begin with the last decennial census (2010 Census)
- Create ratios of census counts to PFD recipients in the census year, and carry them forward each year until the next census
- Adjust to a separately estimated state total
- There are several additional procedures to account for military, prisons, dorms, etc.

Population Estimates:

How we make them (continued)

- Race and ethnicity are not included in the PFD data, so we combine our estimates by age and sex with Census data by race and ethnicity
- Make race data to follow three categorizations:
 - Race alone
 - Race alone or in combination with one or more other races
 - Bridged (1977 OMB)

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Maps & GIS Data

[2016 Estimates](#)
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Boundary Maps

2016 Estimates

Statewide
[Boroughs and Census Areas](#)
[Alaska's Economic Regions](#)

Borough/Census Areas

Census Tracts

Cities and Census Designated Places

Note: These maps reflect the boundaries and names used in the 2016 Population Estimates.

2010 Census

Statewide
[Boroughs and Census Areas](#)
[Alaska's Census Profile](#)

Borough/Census Areas

Census Tracts

Urban Areas/Clusters

Cities and Census Designated Places

Note: Geographic boundaries may change from one decennial census to another. In Alaska, boroughs are created and communities incorporate or annex territory. These maps reflect the boundaries as of the 2010 Census.

2000 Census

Statewide Maps

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Alaska Population Projections

Alaska Population Projections 2015 to 2045

The Alaska Department of Labor and Workforce Development produces population projections for Alaska. The population projections are based on the current population and historical trends in birth, death, and migration levels.



Downloadable Excel Files

- Statewide
- Alaska Native
- Borough/Census Area

Related Alaska Economic Trends Articles

Alaska Population Projections (June 2014)

Population Projections— 2010 to 2034 (December 2010)

Population Projections— 2007 to 2030 (October 2007)

Population Projections (February 2005)

Alaska Population Trends (July 1999)

Population Projections (September 1998)

Agreement to Build Pipeline, Potential Fabrication Plant in Fairbanks, Population Forecast, North Slope Contracts with Alaska Construction Company, Seward Scallop Processing Plant, 1968 Fires, Airline Numbers (February 1969)

Search for more *Trends* articles.

Related Links

- U.S. Census Bureau Population Projections
- Federal-State Cooperative for Population Projections

Archived Alaska Population Projections

- 2012 - 2042 (PDF 1.2 MB)
- 2010 - 2035 (PDF 1.2 MB)
- 2010 - 2034 (PDF 538 KB)
- 2007 - 2030 (PDF 1.2 MB)

Additional Links

- Population Projections
- Migration Data and Information
- Publications
- Historical Data: Alaska Statewide
- Historical Data: Boroughs/Census Areas
- Historical Data: Places
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Subscribe to receive e-mail updates on these data.

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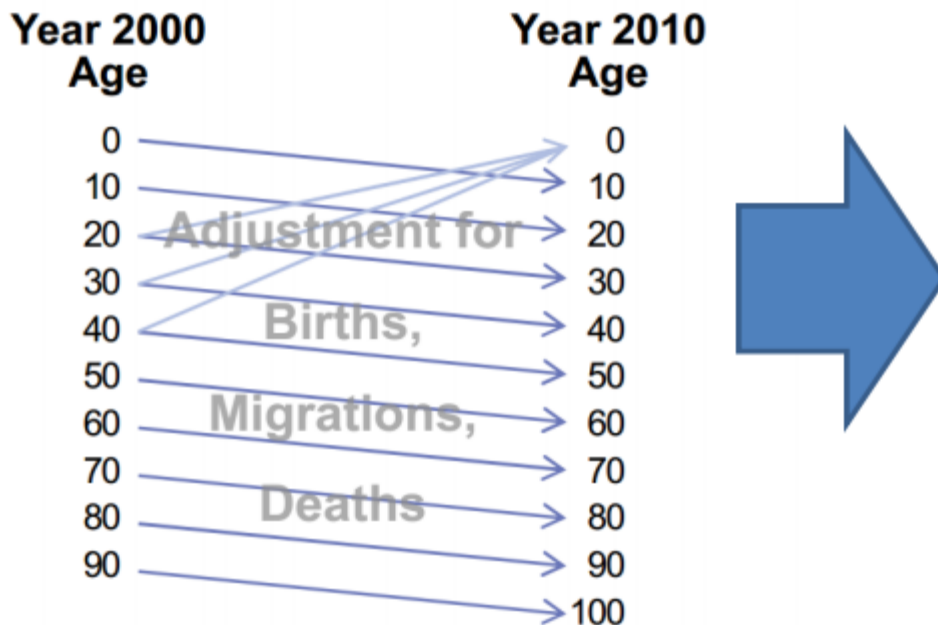
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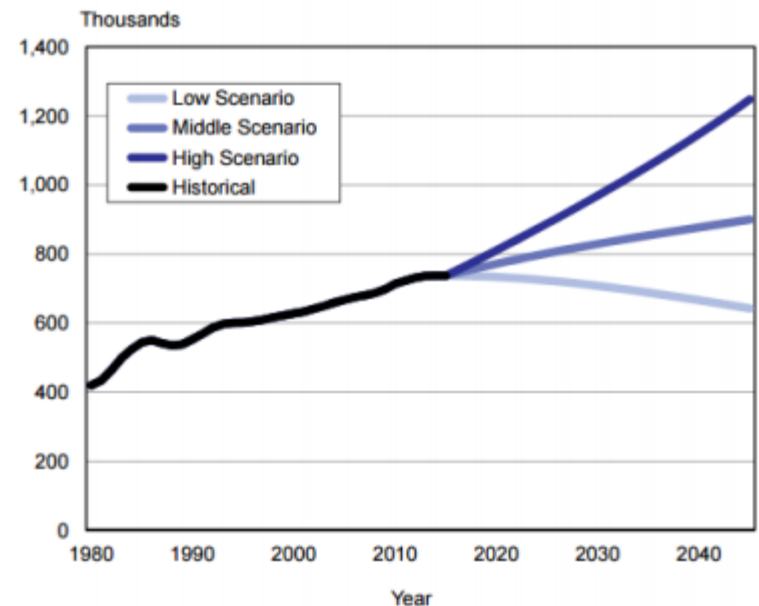
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Population Projections: How we make them

The Cohort-Component Method



Total Population, Alaska, 1980 to 2045



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Migration Data and Information

Migration data for Alaska come from three main sources: Alaska Permanent Fund Dividend applications, IRS Tax Statistics, and the American Community Survey. Each source has its own strengths and weaknesses.

To view the official estimates of annual migration for Alaska, and net migration for its regions, boroughs, and census areas, go to our [Population Estimates](#) page and see "Components of Change."

[Alaska Economic Trends](#) articles about migration

PFD-Based Migration Data

Permanent Fund Dividend (PFD)-based migration data have broad in-state coverage but lag on new migrants from outside the state, because new migrants aren't eligible for the PFD until they've lived in Alaska for one calendar year. Additionally, PFD data do not capture people who don't live here long enough to qualify for a PFD. Maps of these data are available on our [Maps & GIS Data](#) page.

- [PFD-Based Migration between Boroughs/Census Areas, 2000-2016 \(Excel\)](#)
- [PFD-Based Migration between Boroughs/Census Areas, 2000-2016 \(Interactive\)](#)
- [PFD-Based Migration To and From Cities and Places, 2000-2016 \(Excel\)](#)

Note: These annual borough, census area, city and place data are not adjusted for births and deaths.

- [PFD-Based Migration by Age, Sex, and Borough/Census Area, 2000-05, 2005-10, and 2010-15 \(Excel\)](#)

Note: These data are in average annual amounts for each 5-year period, and are adjusted for births and deaths.

IRS-Based Migration Data

Internal Revenue Service (IRS)-based migration data provide direct counts of moves between U.S. counties, boroughs, and census areas by comparing the addresses of exemptions — that is, filers and their dependents — from year to year. However, they only cover about 80 percent of Alaska's population, and values below 10 are suppressed. More information about these data are available on the [IRS's Migration Data website](#).

- [IRS-Based Migration To and From Alaska by State, 2000-2014 \(Excel\)](#)
- [IRS-Based Migration between Boroughs/Census Areas, 2000-2014 \(Excel\)](#)

ACS-Based Migration ("Geographic Mobility") Data

The U.S. Census Bureau's American Community Survey (ACS) data provides information about migrants. However, ACS is based on a small sample of the population and tends to have large margins of error. For most areas in Alaska, ACS data is only available in five-year averages. ACS data are available on our [ACS page](#), [U.S. Census Bureau's American FactFinder](#), and the [U.S. Census Bureau's Geographic Mobility/Migration page](#).

Additional Links

- [U.S. Department of Homeland Security Immigration Data & Statistics](#)
- [U.S. Department of Health & Human Services Refugee Arrival Data](#)
- [U.S. Department of State Intercountry Adoption Statistics](#)

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2020 Census Importance: Funding

- In fiscal year 2015 alone, Alaska received almost **\$3,000 per capita** through federal assistance programs that distribute money based on decennial census-derived statistics. (Analysis from George Washington University.)
- These programs included:
 - Medicaid (more than \$1 billion)
 - Highway Planning and Construction (more than \$500 million)
 - Supplemental Nutrition Assistance (almost \$170 million)

2020 Census Importance: Redistricting and research

- State and federal redistricting are completed every ten years based on data from the decennial census
- Countless statistics throughout the decade use decennial census data in one way or another
 - Population, employment, education, health, crime...

2020 Census: Activities and items on our radar

- Local Update of Census Addresses
- Feedback on the “Types of Enumeration Areas” in Alaska
- Requesting use of post office boxes in Alaska for outreach materials
- Geographic partnership programs

2020 Census: Voices from Alaska

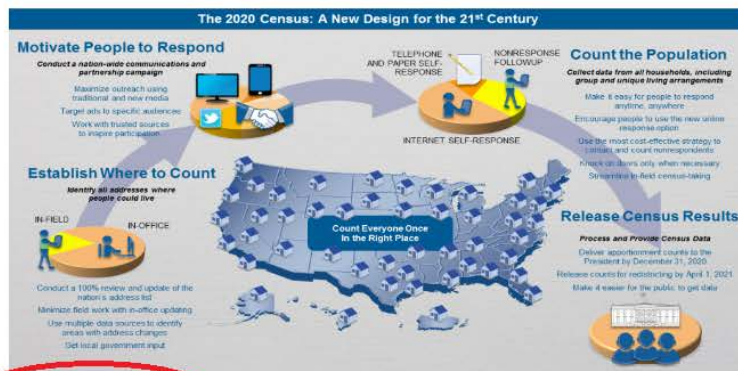
- Local data managers and stakeholders
- State data managers (incl many beyond our office) and stakeholders
- *Alaska Census Working Group, convened by the Foraker Group*

Alaska Census Data and Information

Population, social, economic and housing data are collected and tabulated by the U.S. Census Bureau as part of the decennial census and American Community Survey. [Population estimates](#) for years between censuses are published by the Alaska Department of Labor and Workforce Development, Research and Analysis Section.

2020 Census

As mandated by Article I, Section 2, of the U.S. Constitution, the federal government counts the U.S. resident population every 10 years. The data collected by the decennial census determine the number of seats each state has in the U.S. House of Representatives (a process called apportionment) and is also used to distribute billions in federal funds to local communities.



Previous Censuses

2010 Census Demographic Profiles

2010-1880 Census Data for Alaska

Population, social, economic and housing data for Alaska and communities (geographic boundaries are as of the census year)

Census Maps

Census boundary maps and GIS data

About the Alaska State Data Center Program

The Alaska Department of Labor and Workforce Development has had a cooperative agreement with the U.S. Census Bureau since 1981. We assist the Bureau with census geographic programs and disseminate data when it is released. In addition to our office in Juneau, we have 10 state and local government agencies creating a network across the state to also provide assistance to the Bureau and answer data requests

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- + General Timeline for 2020 Census
- + Alaska's Type of Enumeration Areas
- + Local Update of Census Addresses (LUCA)
- + Address Canvassing
- + 2017 Census Test
- + Complete Count Committees
- + Is my response confidential?
- + Uses of Decennial Data



A Census employee checks geographic coordinates of a housing unit as part of the address canvassing operation for the 2010 Census.
(Credit: U.S. Census Bureau)

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Thank you!

Contact: eddie.hunsinger@alaska.gov

More information:

<http://laborstats.alaska.gov/>



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