

**2016 Alaska Native
Population Conference
May 12, 2016**

**Population Estimates and
Migration Data**

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and Workforce Development



**ALASKA DEPARTMENT OF LABOR
& WORKFORCE DEVELOPMENT**

Population Estimates: What We Provide

- Annual state, borough, census area, city, census designated place, census tract, and other special area population estimates.
- State, borough and census area estimates by age, sex, race and ethnicity.
- Estimates by age and sex for cities and places of 1,000+.

Population Estimates: Uses

- The population estimates are used for a wide range of purposes, including:
 - Distribution of resources
 - Survey weighting
 - Research and planning
 - Updating of population projections

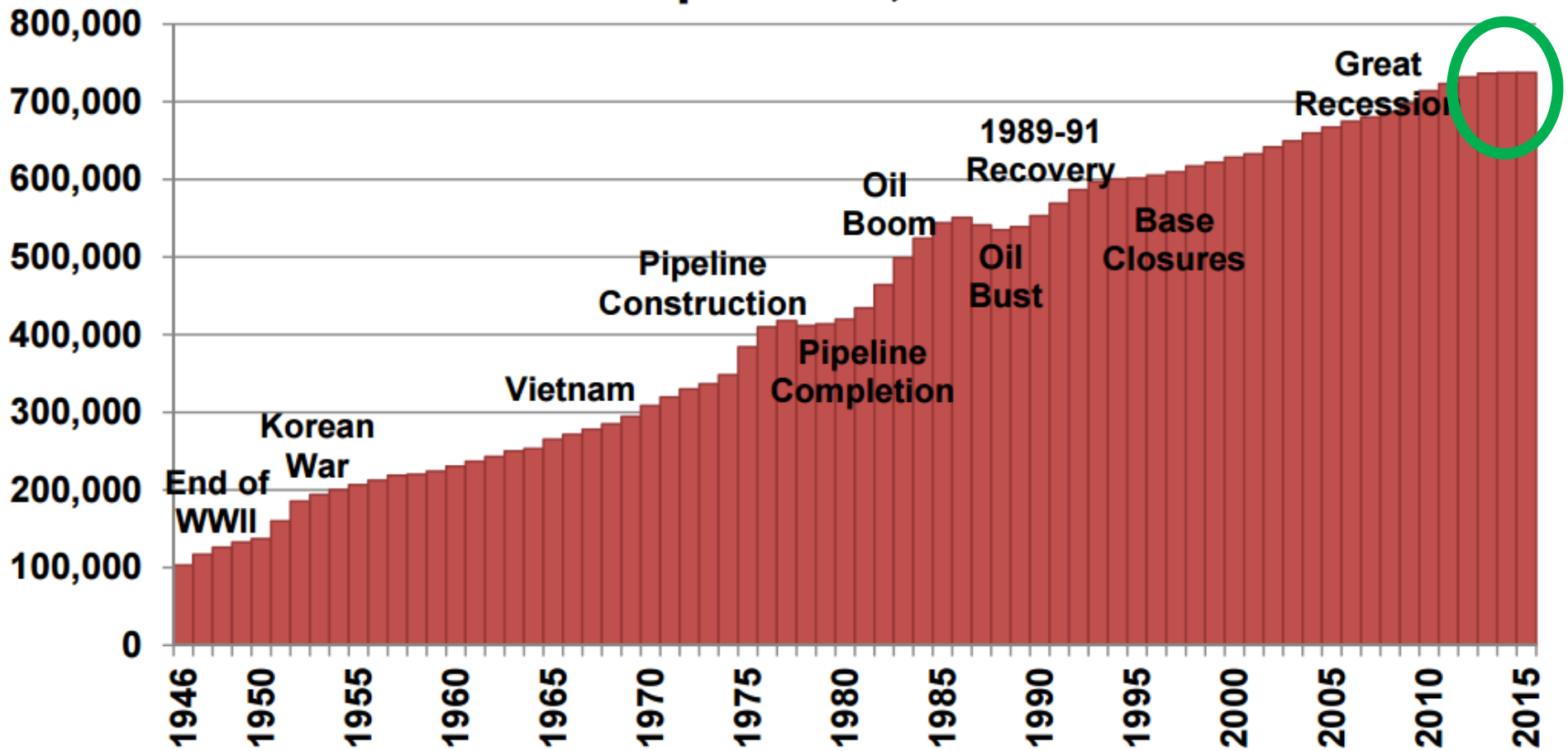
Population Estimates: How We Make Them (briefly)

- For total population 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.

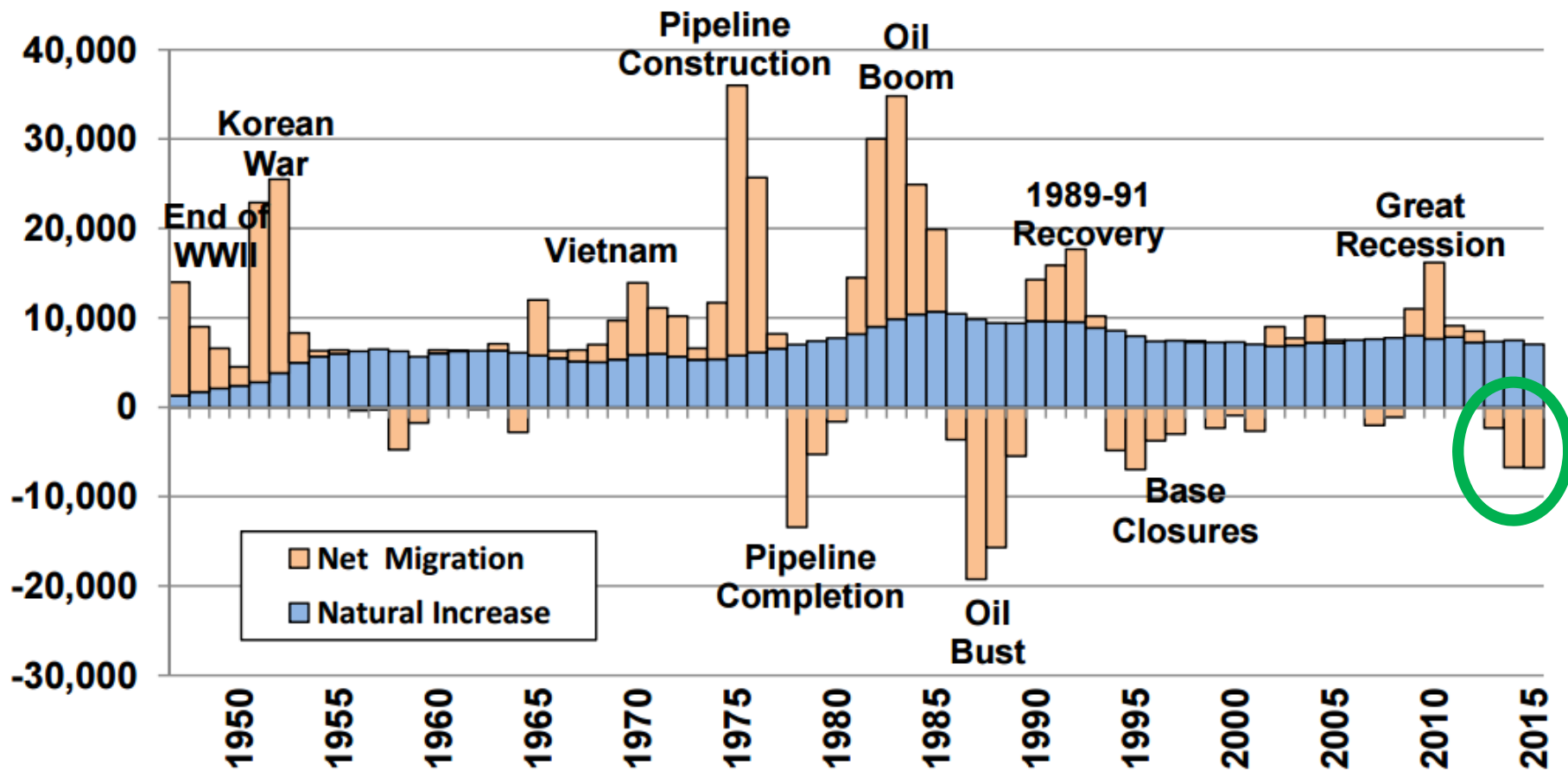
Population Estimates: How We Make Them (briefly)

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

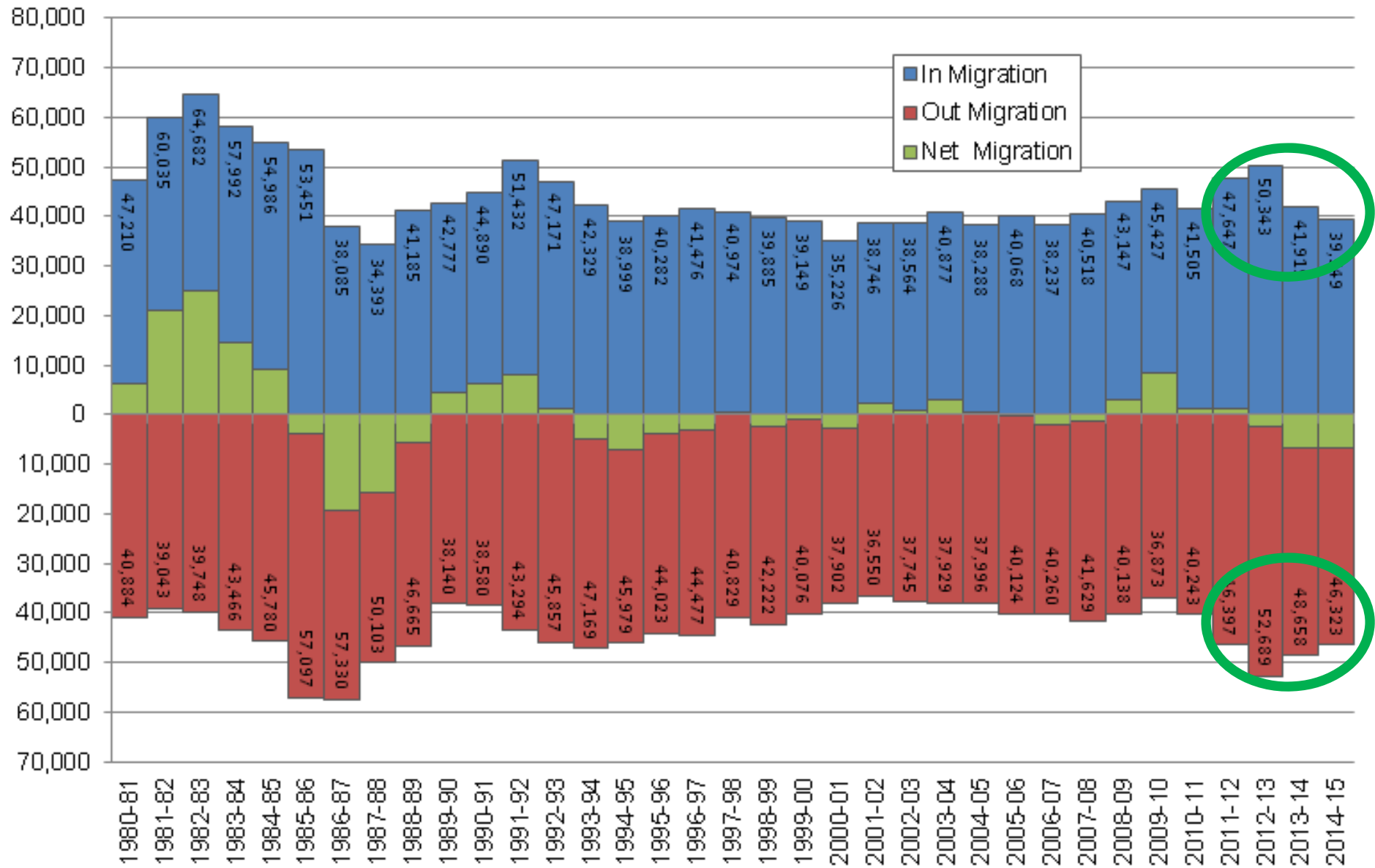
Alaska Population, 1946-2015



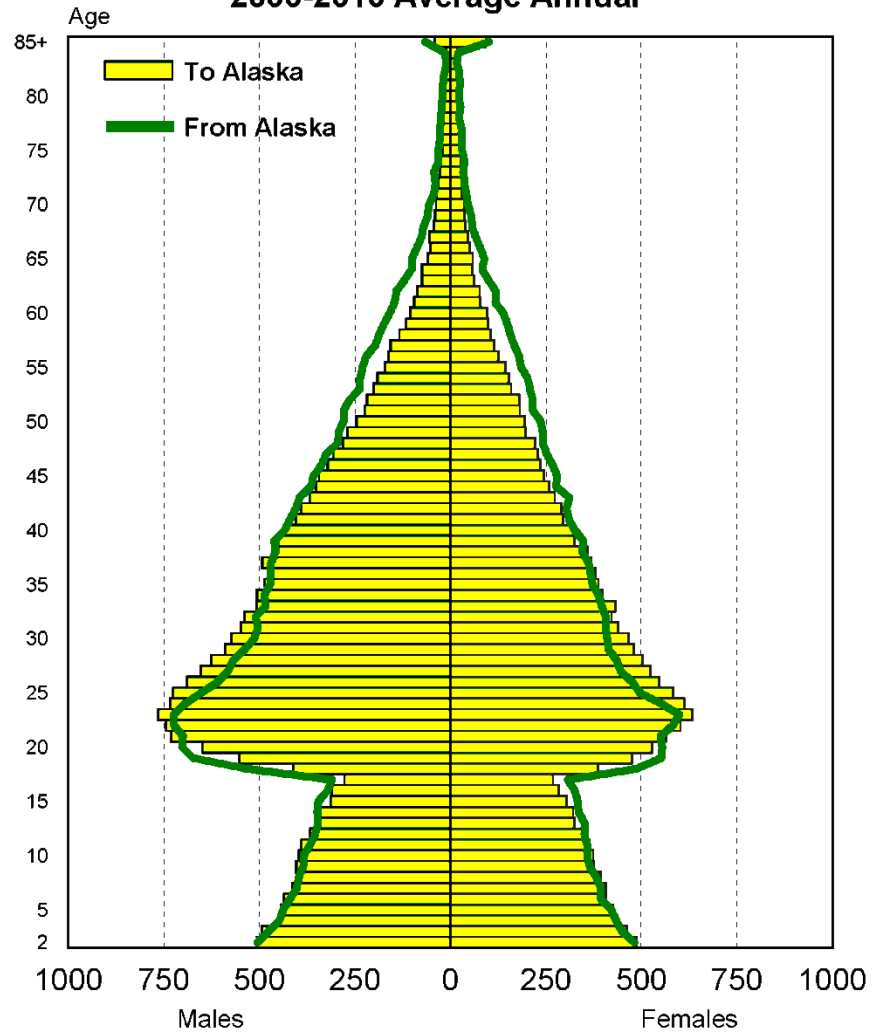
Components of Population Change for Alaska 1947-2015



In, Out, and Net Migration, Alaska, 1980 to 2015



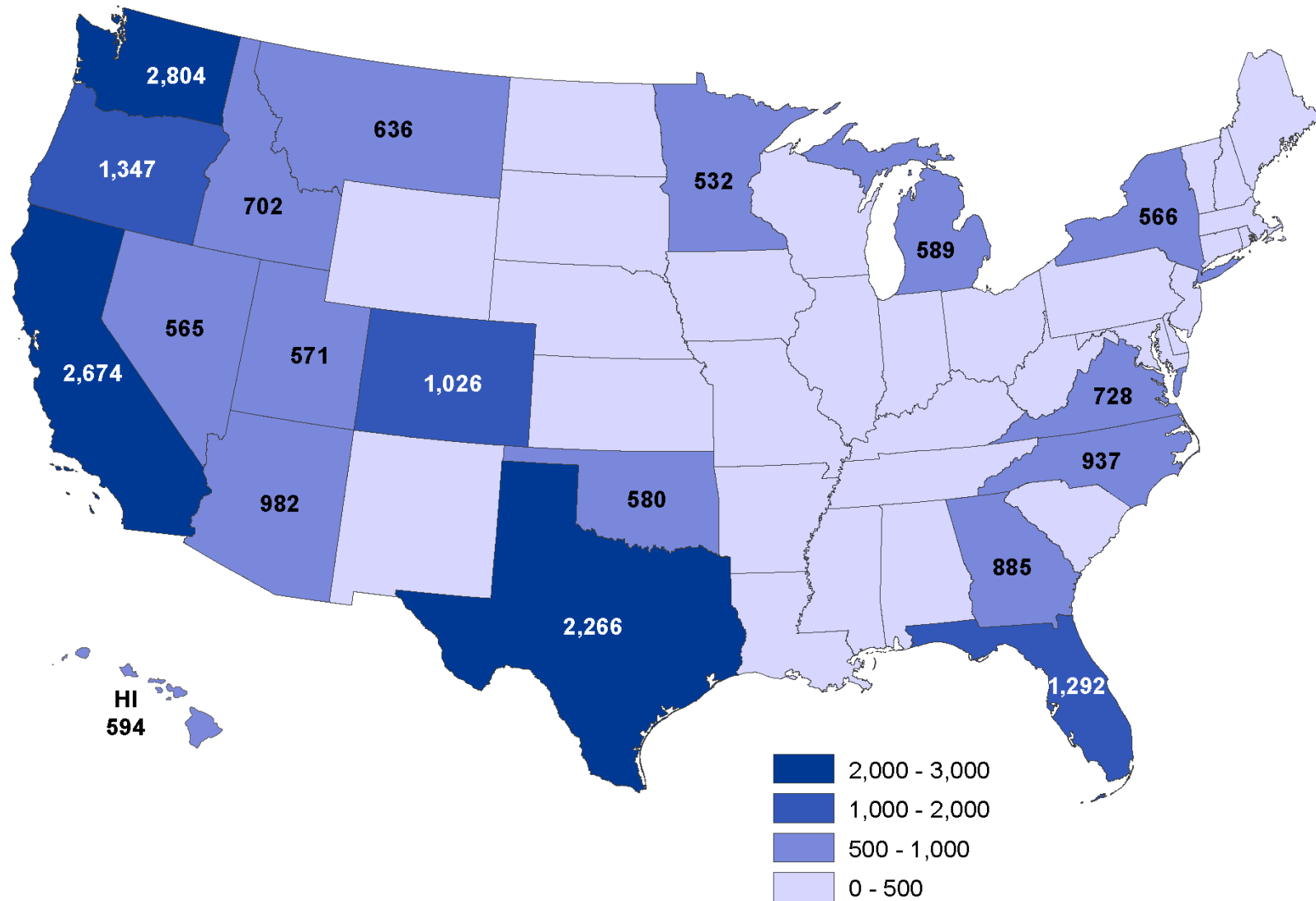
PFD-Based Migration To and From Alaska by Age and Sex, 2000-2010 Average Annual



Note: Adjusted for one year delay in eligibility for PFD.

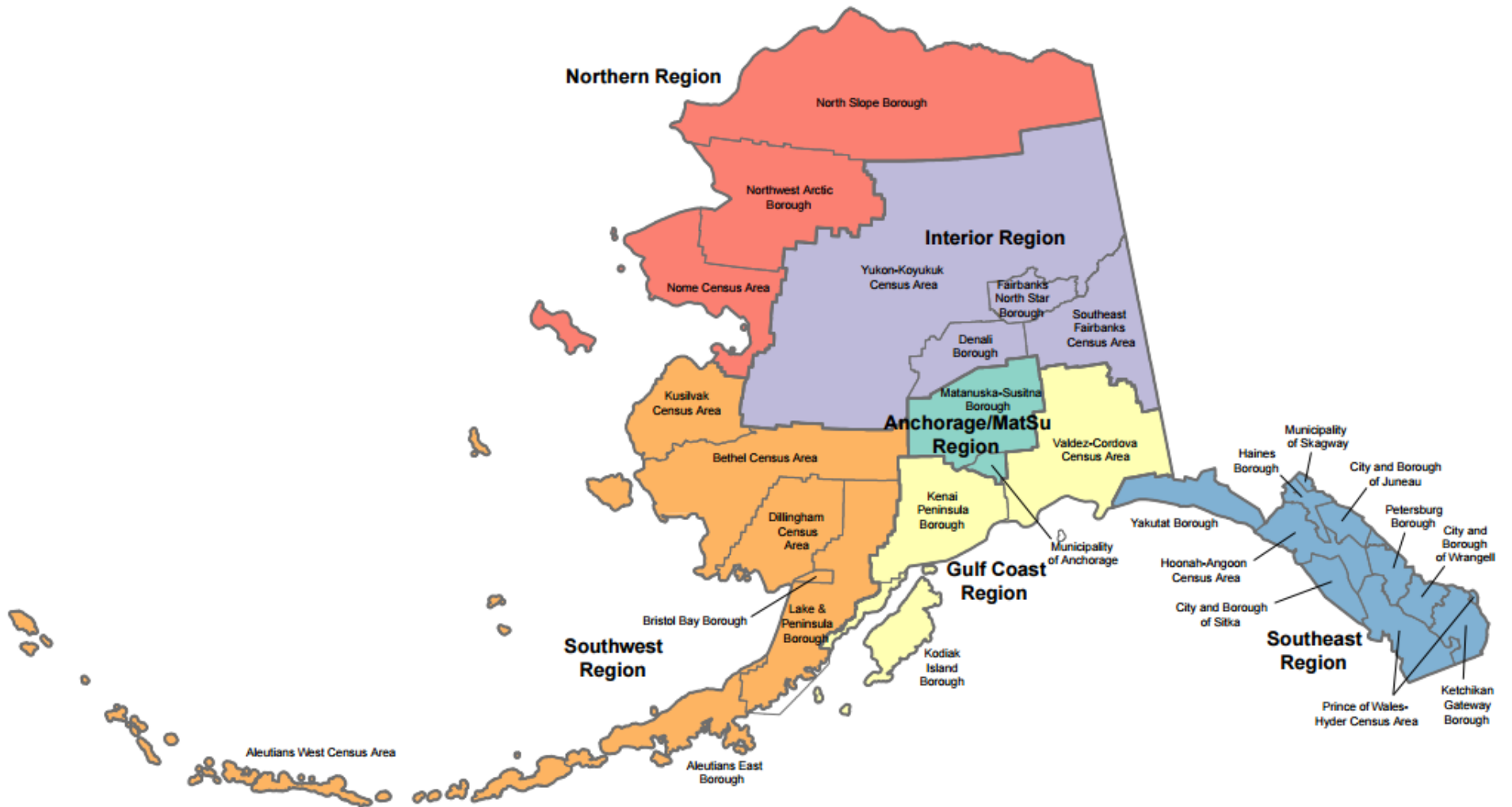
Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section

IRS Exemption-Based Migration to Alaska by State, 2000-2010 Average Annual



Sources: I.R.S. Tax Statistics; Alaska Department of Labor and Workforce Development, Research and Analysis Section

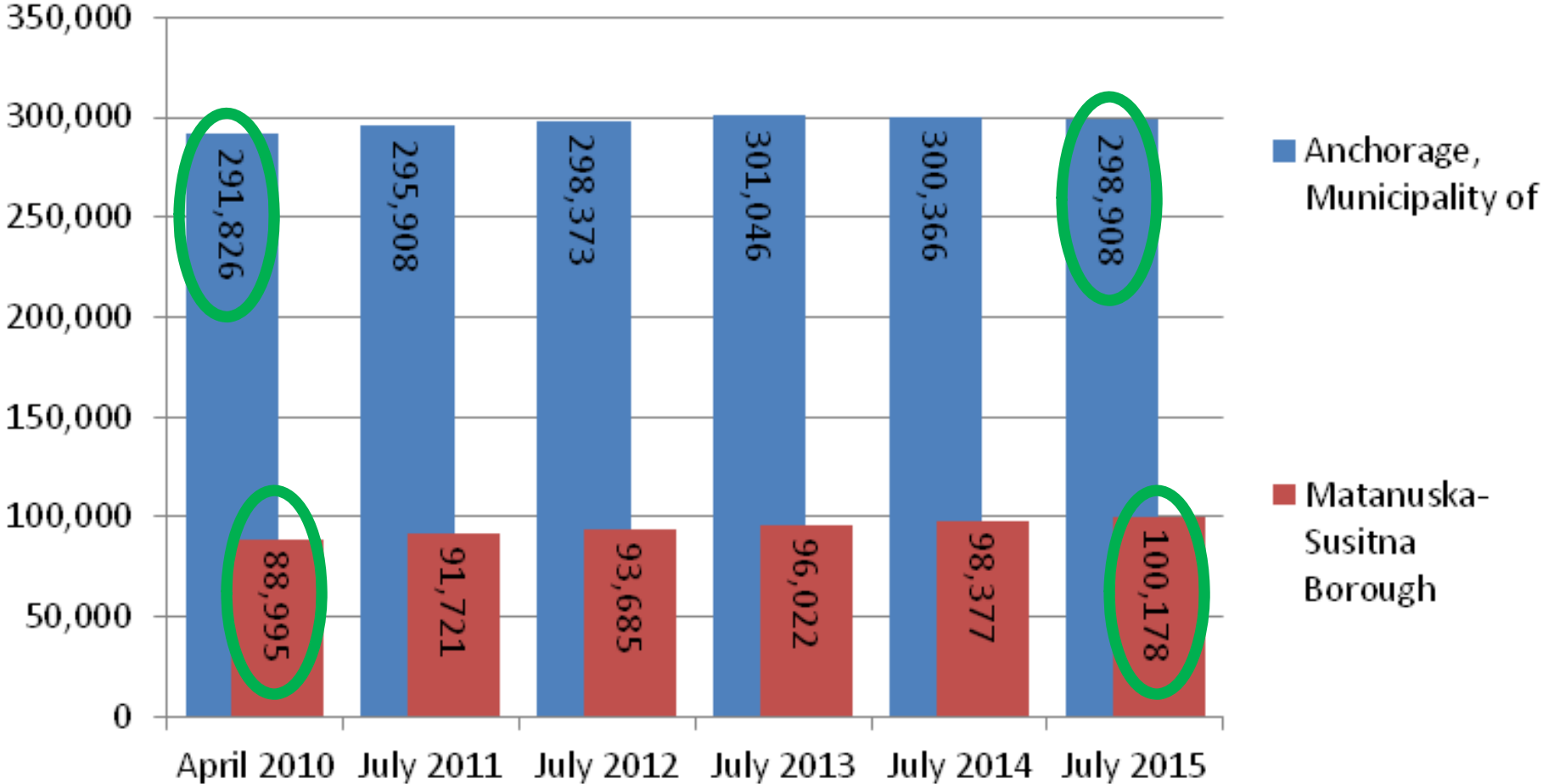
Alaska Economic Regions



Population Estimates: 2015 Regions

- Overall migration (numbers of in-movers and out-movers) to and from all of Alaska's regions (Anchorage, Fairbanks, etc.) was pretty steady and high.
- Anchorage had the largest population loss (loss of nearly 1,500), and this is the second year of population loss for Anchorage, and it dropped below 300,000 people.
- Mat-Su continued to be the fastest growing area, passed 100,000 people this year, and became the second largest borough in the state.

Total Population, Anchorage and Mat-Su, 2010 to 2015



ANCHORAGE COMPONENTS OF CHANGE

	End of Period	Population	Growth Rate			Natural	Net
	Population	Change	(Percent)	Births	Deaths	Increase	Migration
2010-11	295,908	2,876	0.98	4,772	1,455	3,317	-441
2011-12	298,373	2,465	0.83	4,572	1,457	3,115	-650
2012-13	301,046	2,673	0.89	4,690	1,532	3,158	-485
2013-14	300,366	-680	-0.23	4,783	1,588	3,195	-3,875
2014-15	298,908	-1,458	-0.49	4,644	1,642	3,002	-4,460

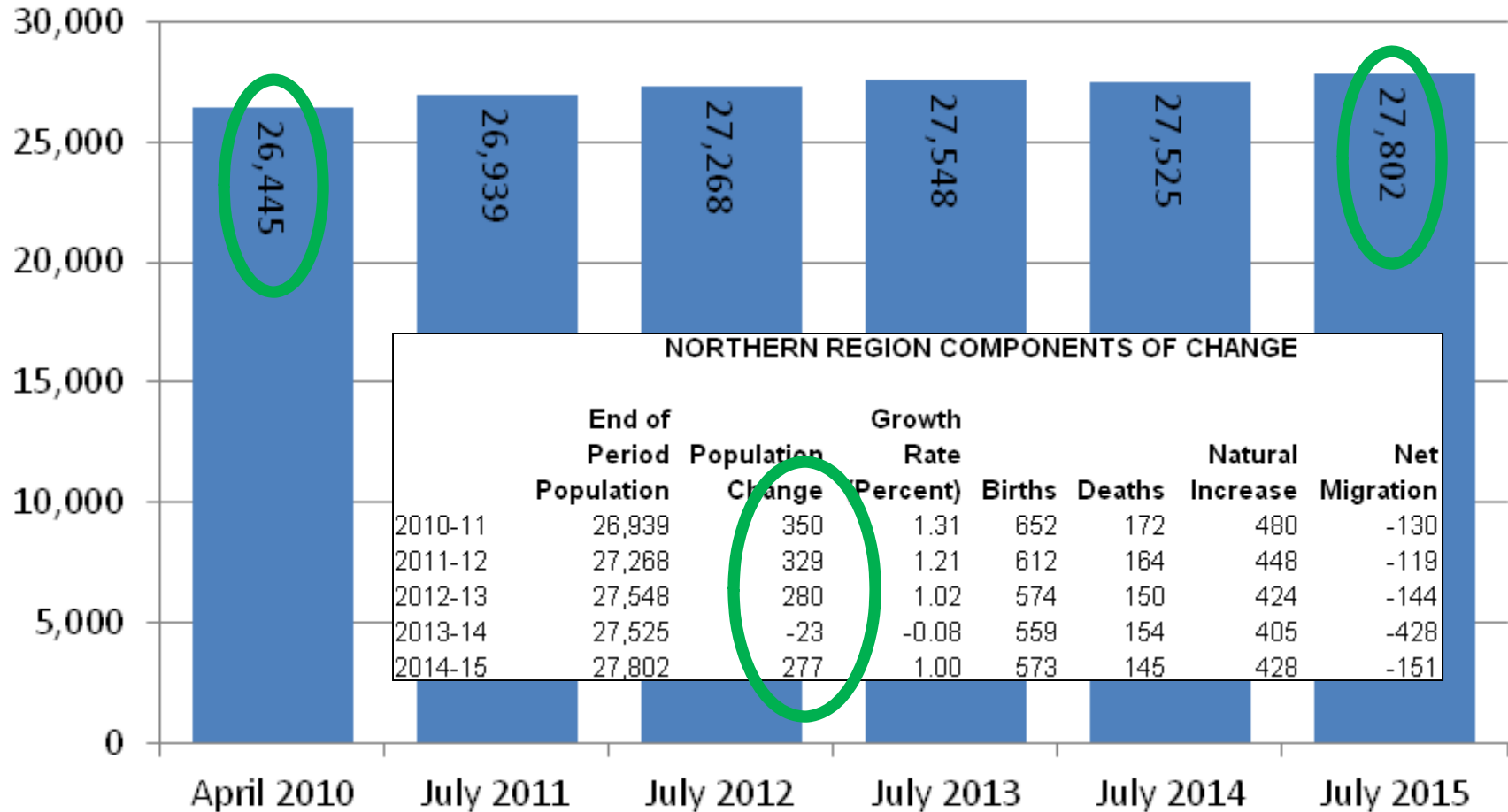
MAT-SU COMPONENTS OF CHANGE

	End of Period	Population	Growth Rate			Natural	Net
	Population	Change	(Percent)	Births	Deaths	Increase	Migration
2010-11	91,721	2,040	2.25	1,337	503	834	1,206
2011-12	93,685	1,964	2.12	1,309	502	807	1,157
2012-13	96,022	2,337	2.46	1,340	550	790	1,547
2013-14	98,377	2,355	2.42	1,381	507	874	1,481
2014-15	100,178	1,801	1.81	1,504	577	927	874

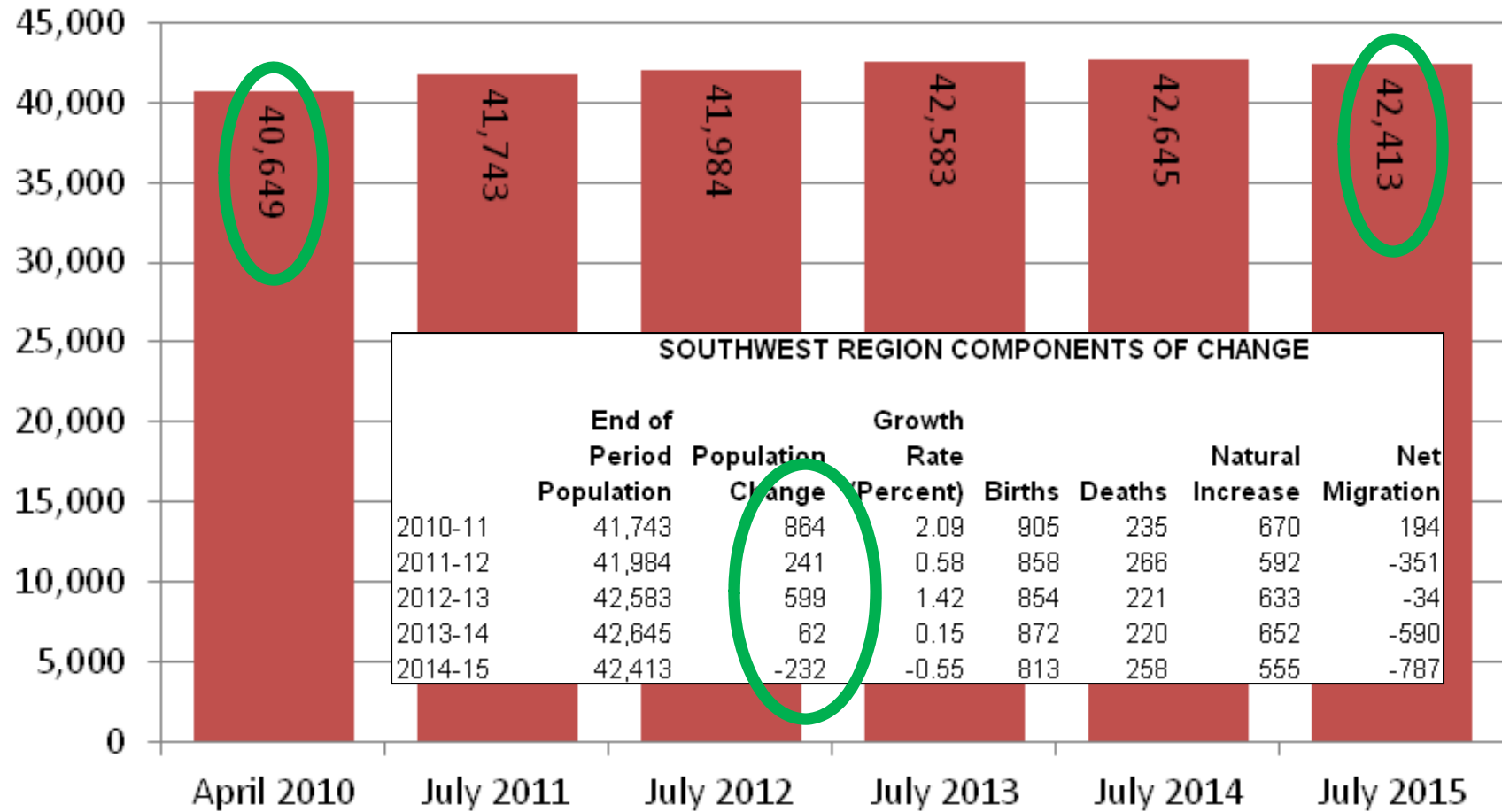
Population Estimates: 2015 Regions

- At region-level, remote western and northern Alaska had net migration losses, but not inordinate, and (as last year) the losses were generally balanced by natural increase and the areas aren't dwindling.
- Northern Region had a small total population increase, and Southwest Region had a minor decrease for total population.
- Over the longer term there has been growth for the regions, and we expect this to continue.

Total Population, Northern Region, 2010 to 2015



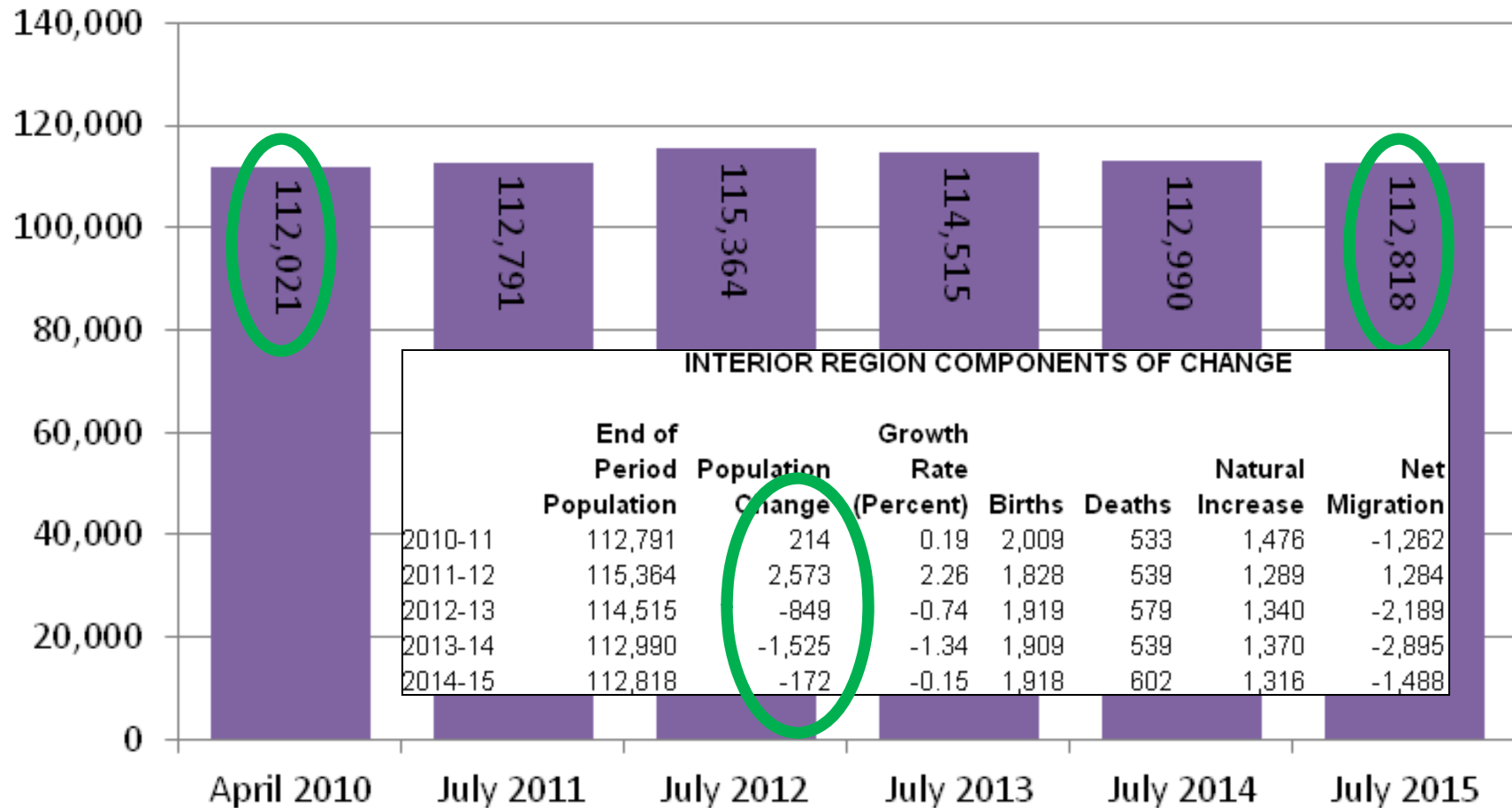
Total Population, Southwest Region, 2010 to 2015



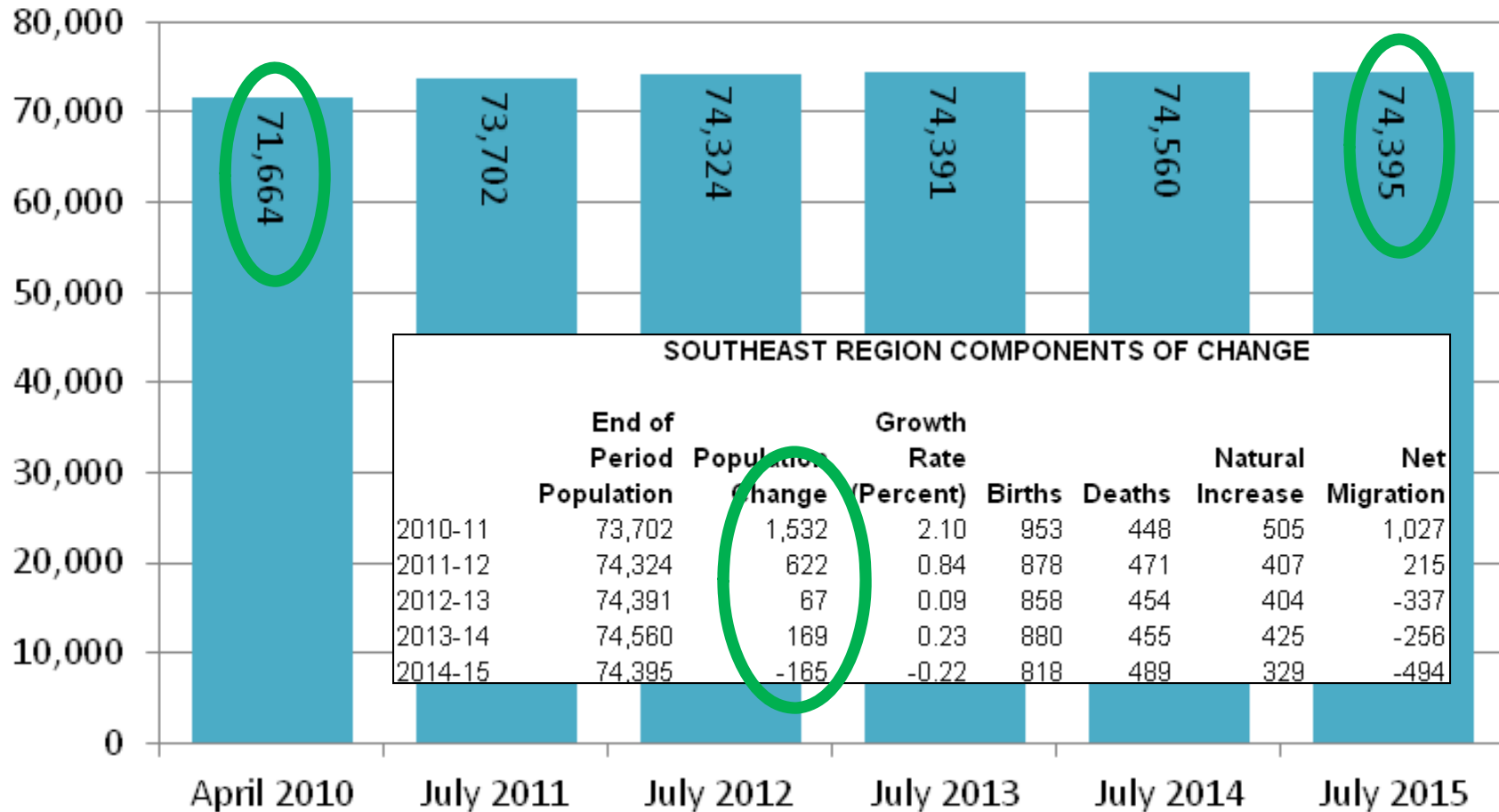
Population Estimates: 2015 Regions

- Fairbanks North Star Borough had another year (fourth in a row) of net migration loss but very little change in total population.
- The total pop size for Juneau and Southeast didn't change much at all (steady even with very low natural increase).
- Kenai Peninsula stood out again (same as last year but not as high) for having positive net migration (small, but positive) and added ~350 people.

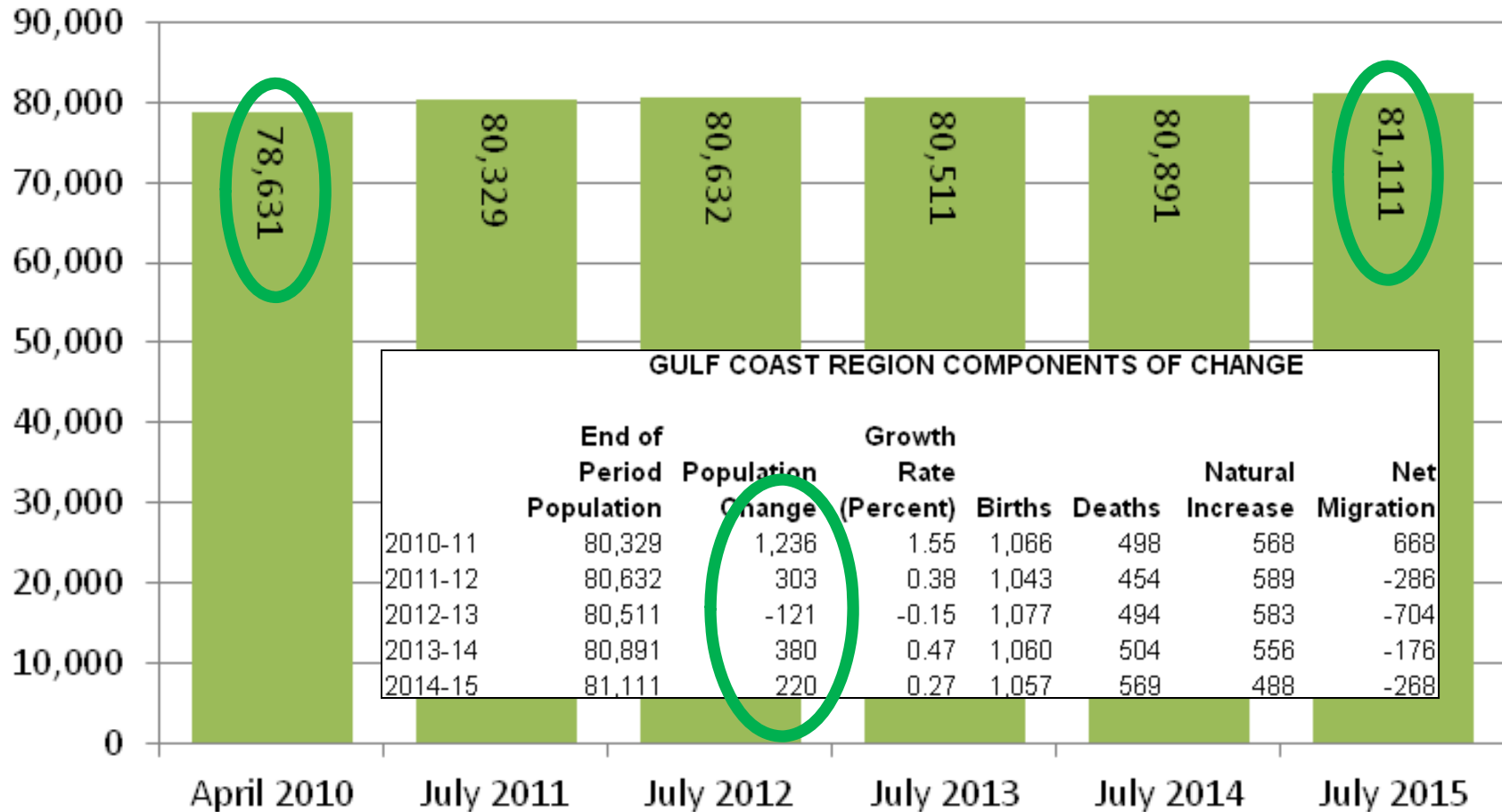
Total Population, Interior Region, 2010 to 2015



Total Population, Southeast Region, 2010 to 2015



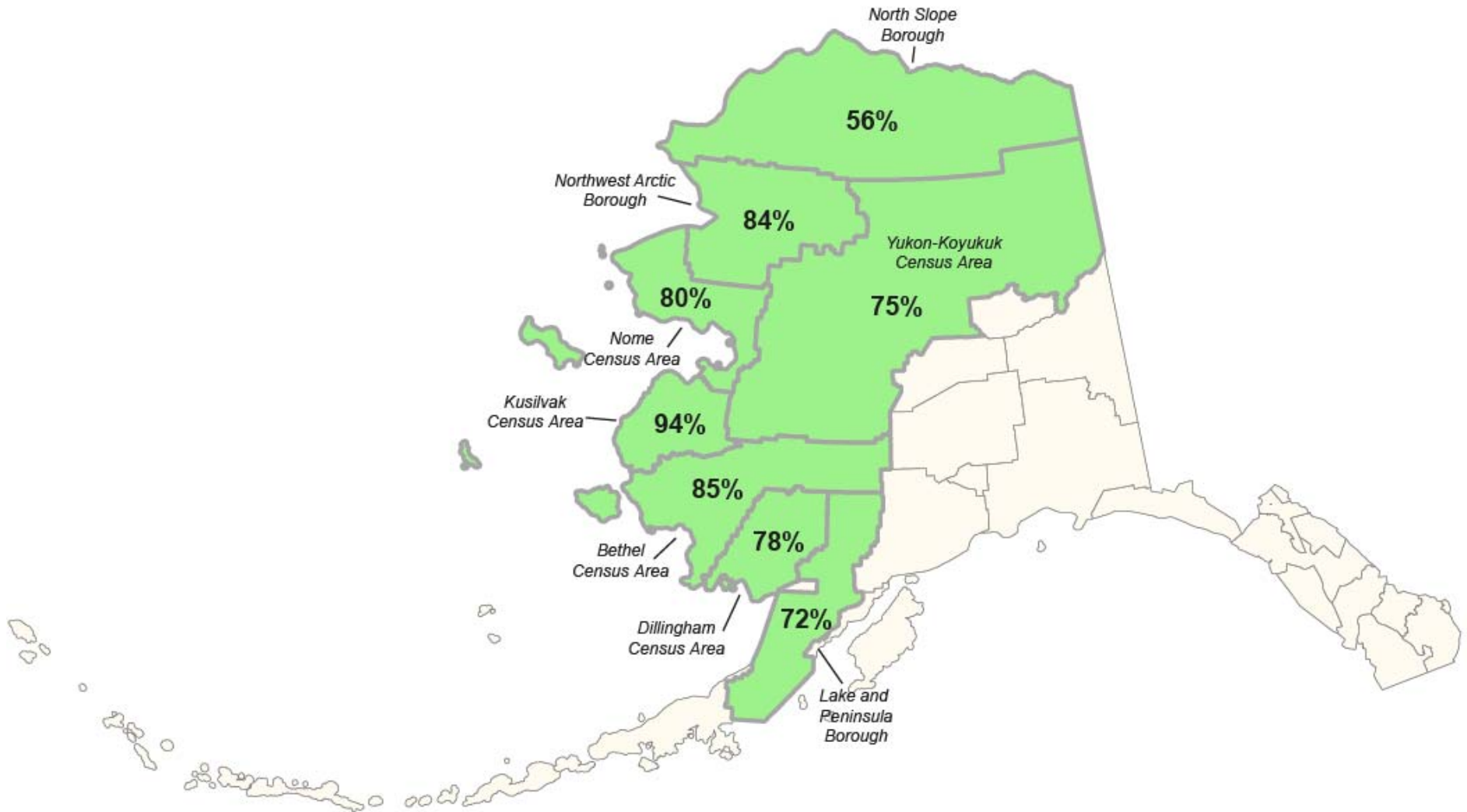
Total Population, Gulf Coast Region, 2010 to 2015



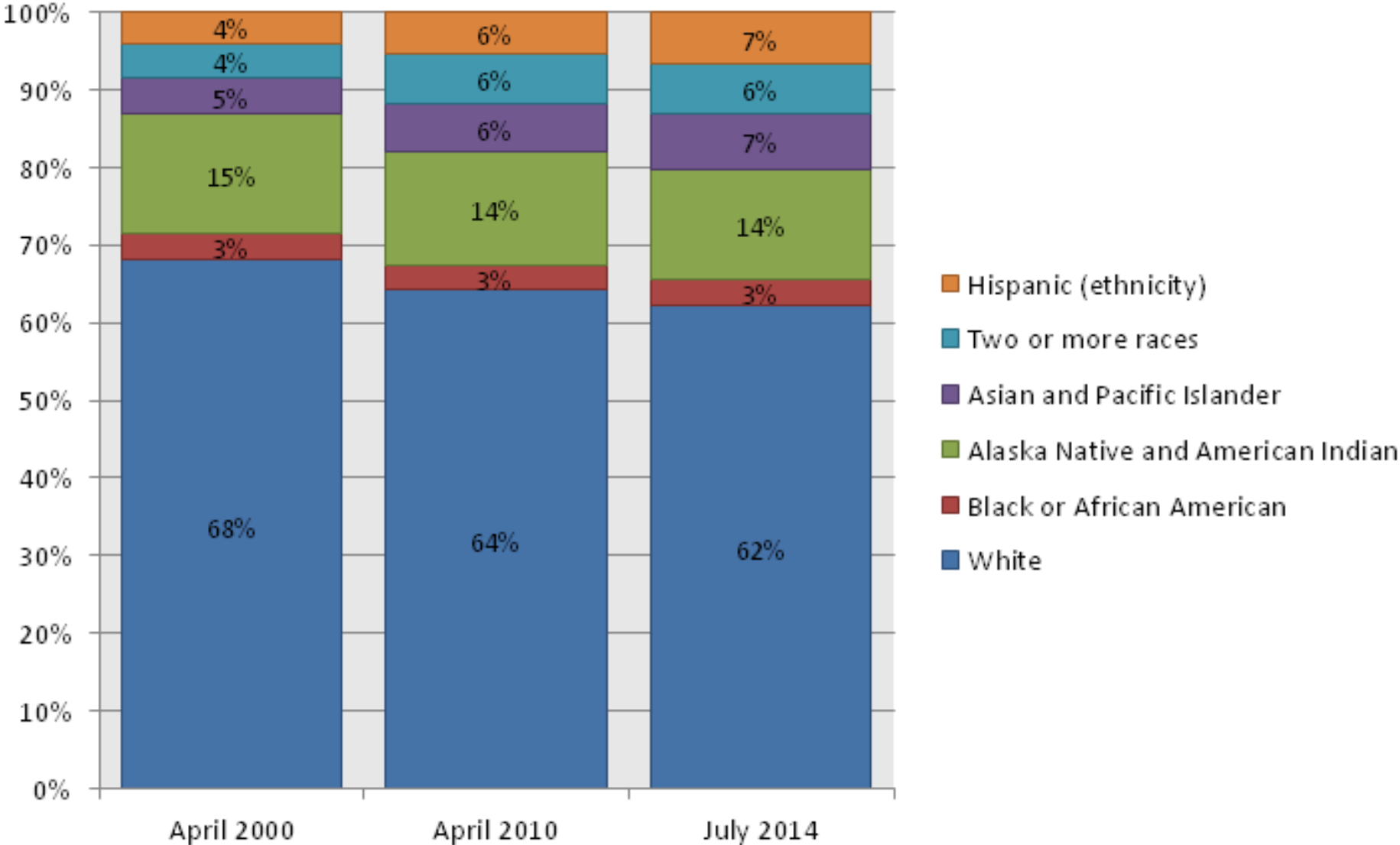
Population Estimates: 2015 Cities, Places and Tracts

- Knik-Fairview in the Mat-Su remained the fastest growing community in the state – adding nearly 500 people.
- The City of Fairbanks added nearly 300 people (to its ~30,000).
- Six of the ten places that grew the most in 2014 to 2015 were in the Mat-Su (Knik-Fairview, Gateway, Tanaina, Wasilla, Houston, Fishhook).

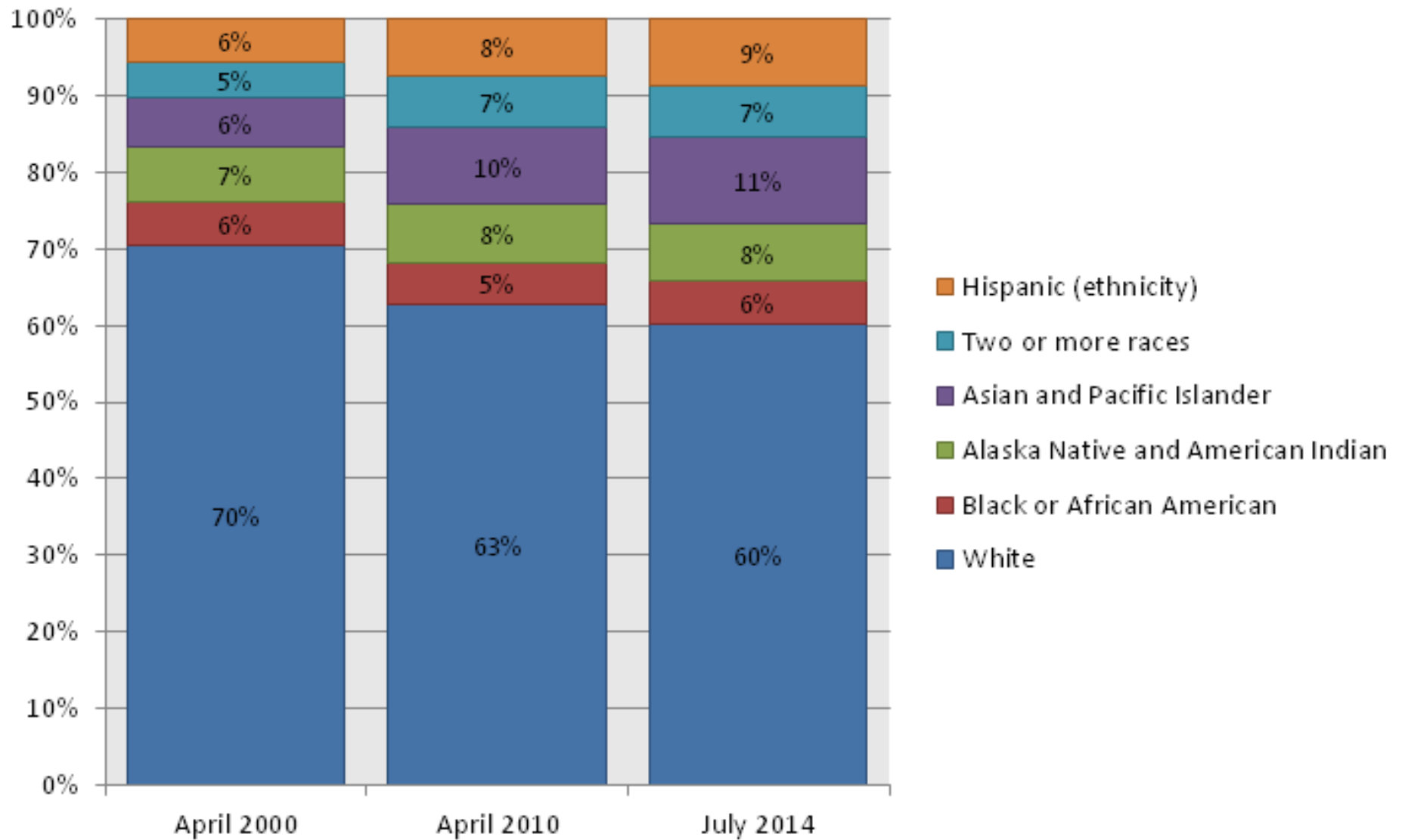
Percent Alaska Native for Boroughs and Census Areas With More Than 50 Percent Alaska Native Population, 2014

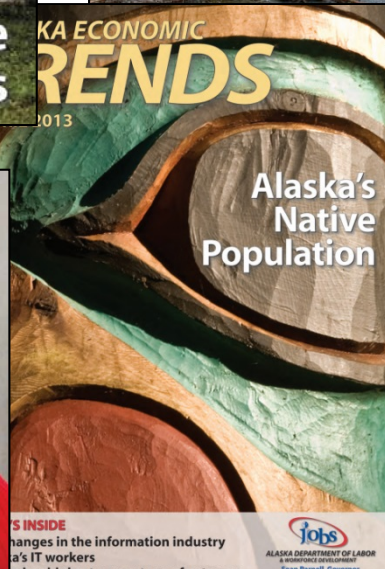
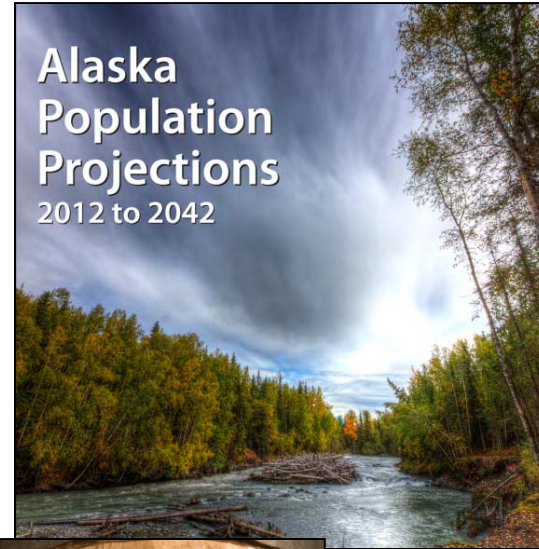
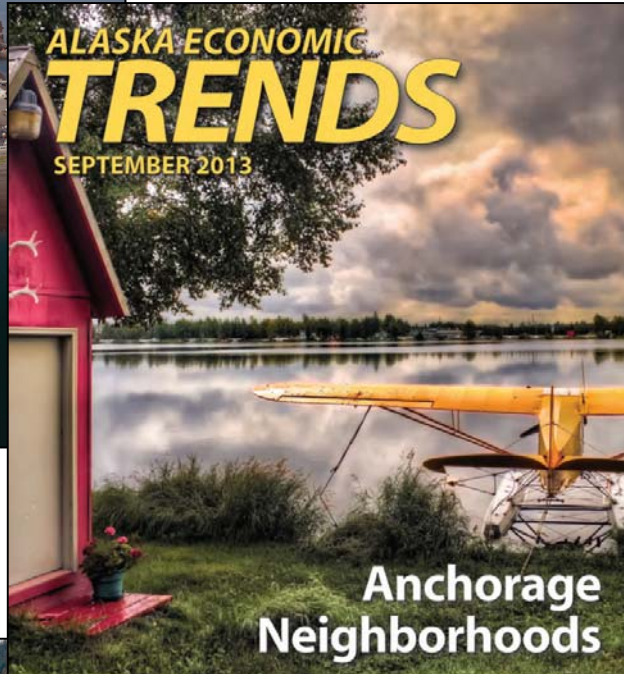


Alaska Population by Race and Hispanic Origin, 2000, 2010, 2014



Anchorage Population by Race and Hispanic Origin, 2000, 2010, 2014





Population Estimates and Migration Update

Thank you!

Contact: eddie.hunsinger@alaska.gov

More information:

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



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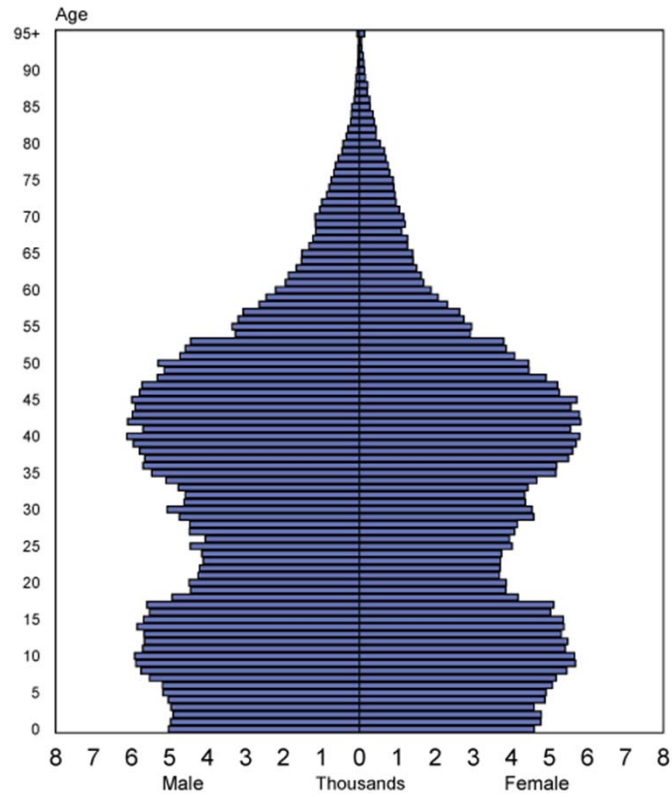
**Population Projections,
2015 to 2045**

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Alaska Department of Labor
and Workforce Development

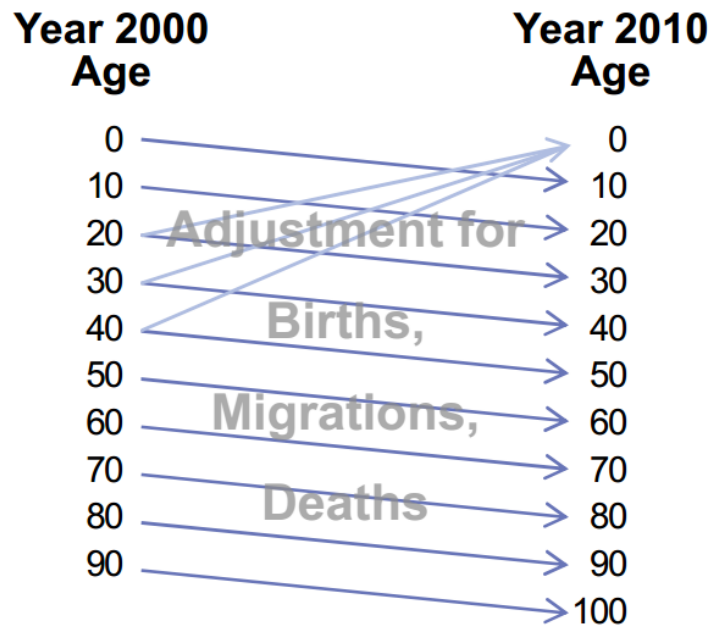


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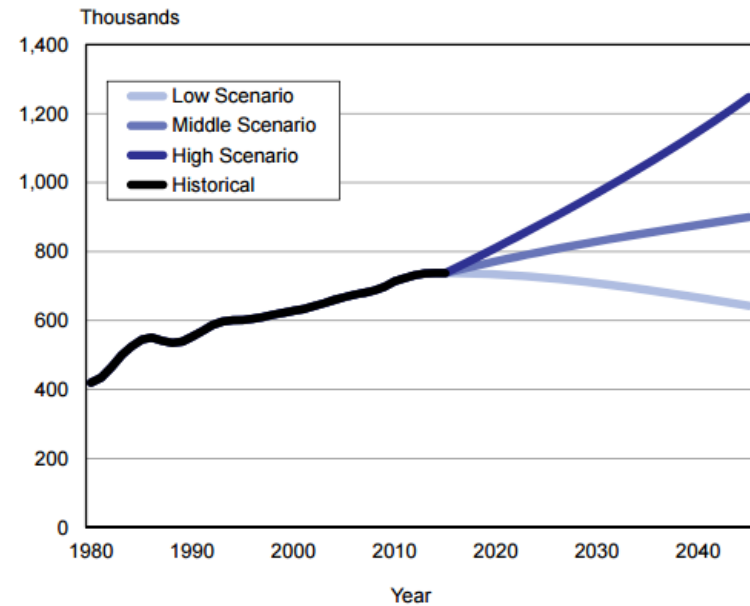


Source: Alaska Department of Labor & Workforce Development, Research and Analysis Section

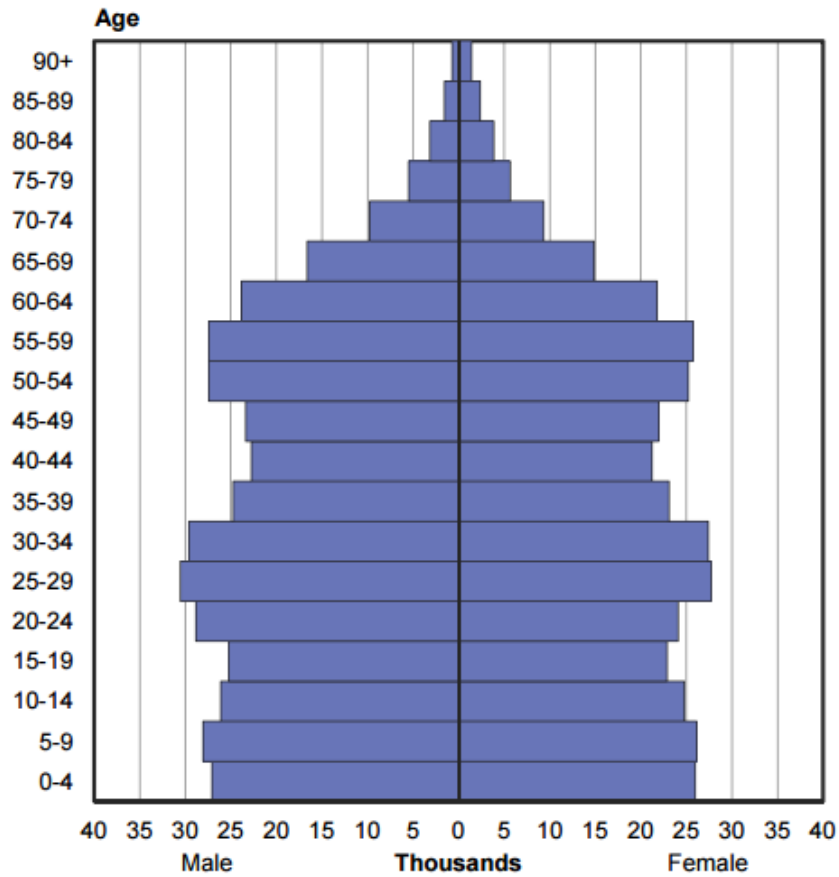
The Cohort-Component Method



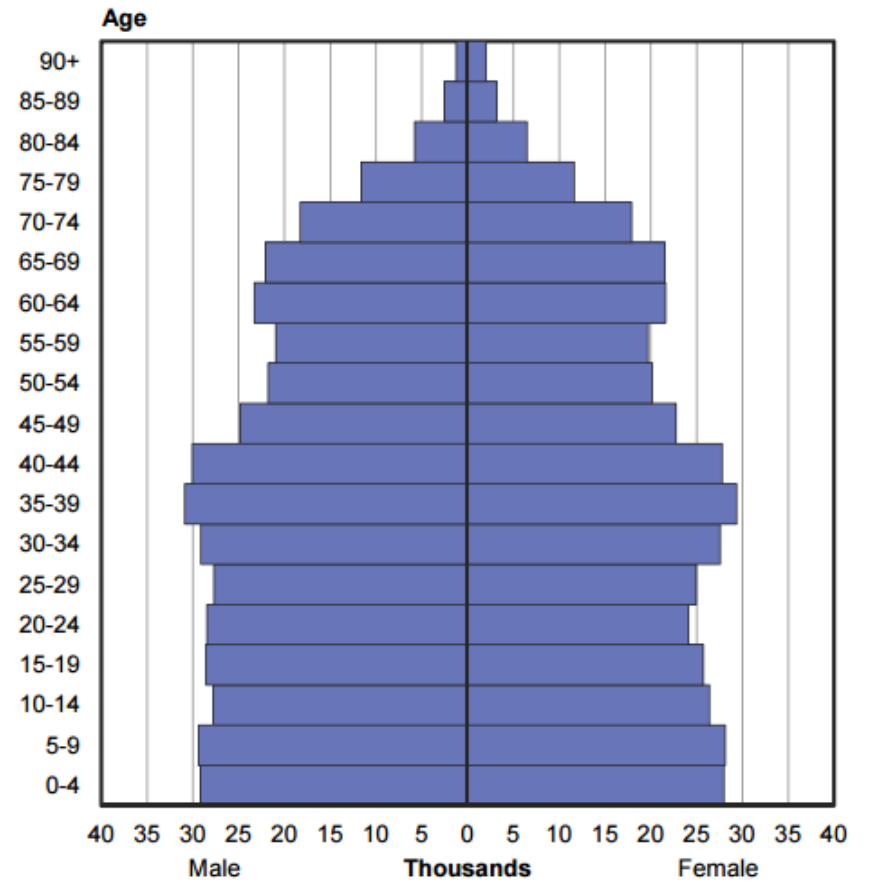
Total Population, Alaska, 1980 to 2045



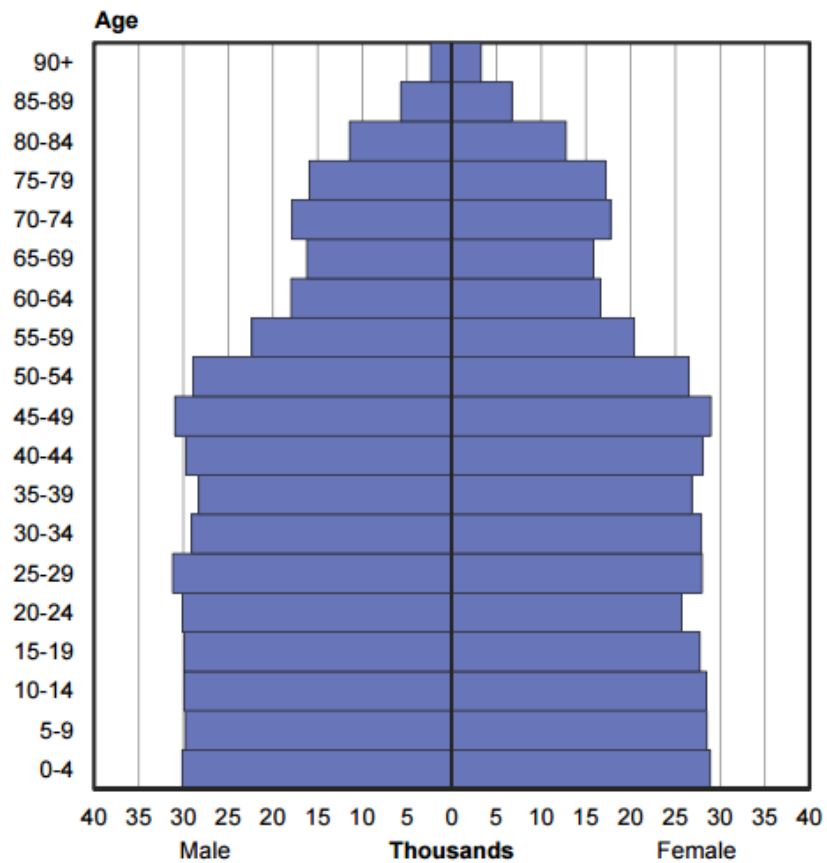
Population by Age and Sex, Alaska, 2015



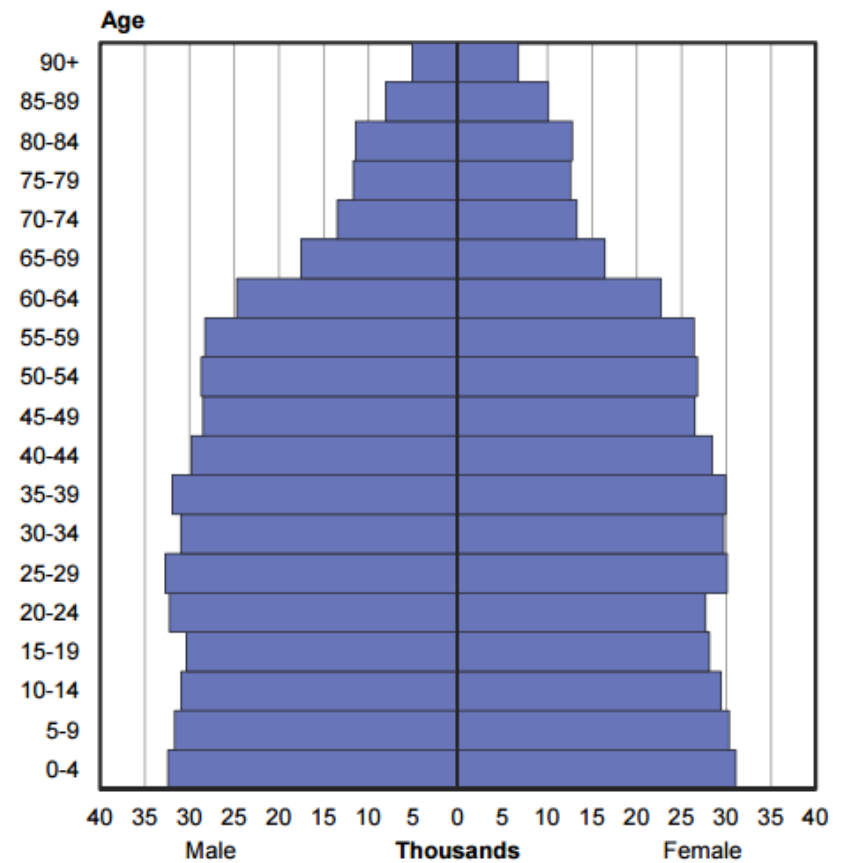
Population by Age and Sex, Alaska, 2025 Middle Scenario



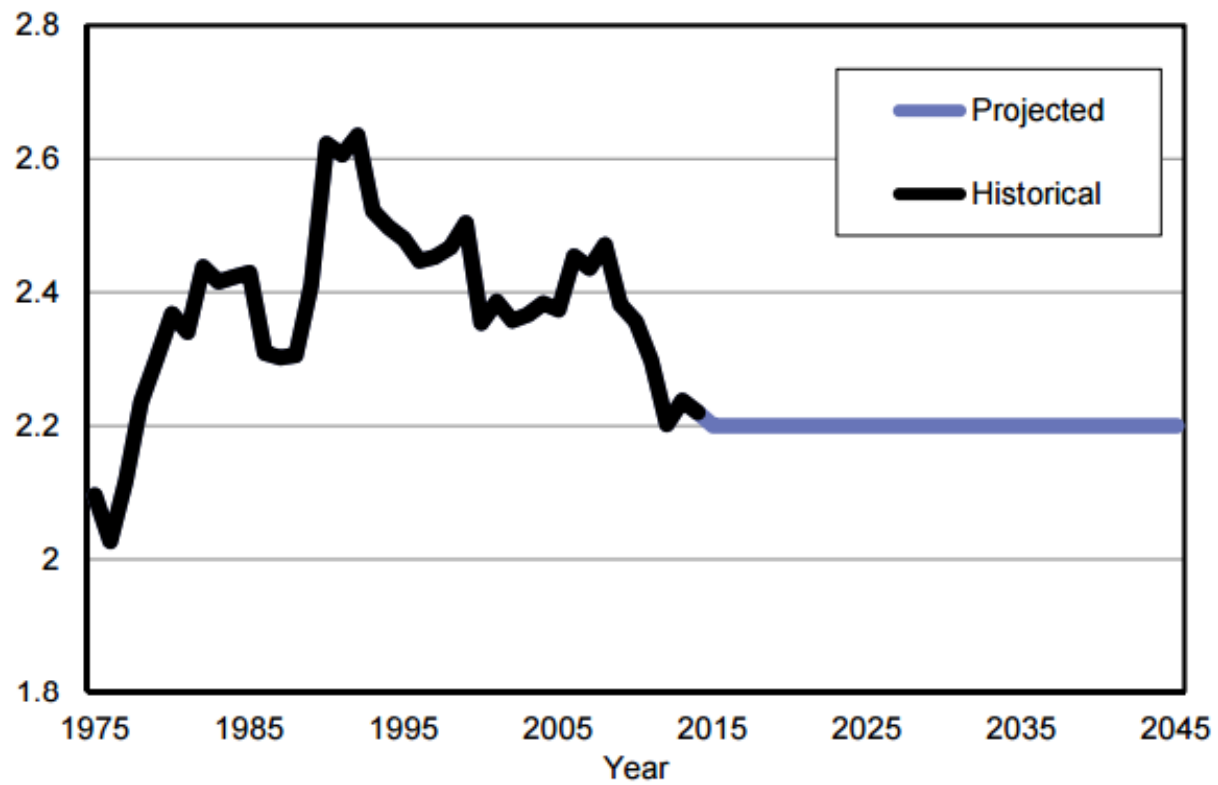
Population by Age and Sex, Alaska, 2035 Middle Scenario



Population by Age and Sex, Alaska, 2045 Middle Scenario



Alaska Total Fertility Rate, 1975 to 2045



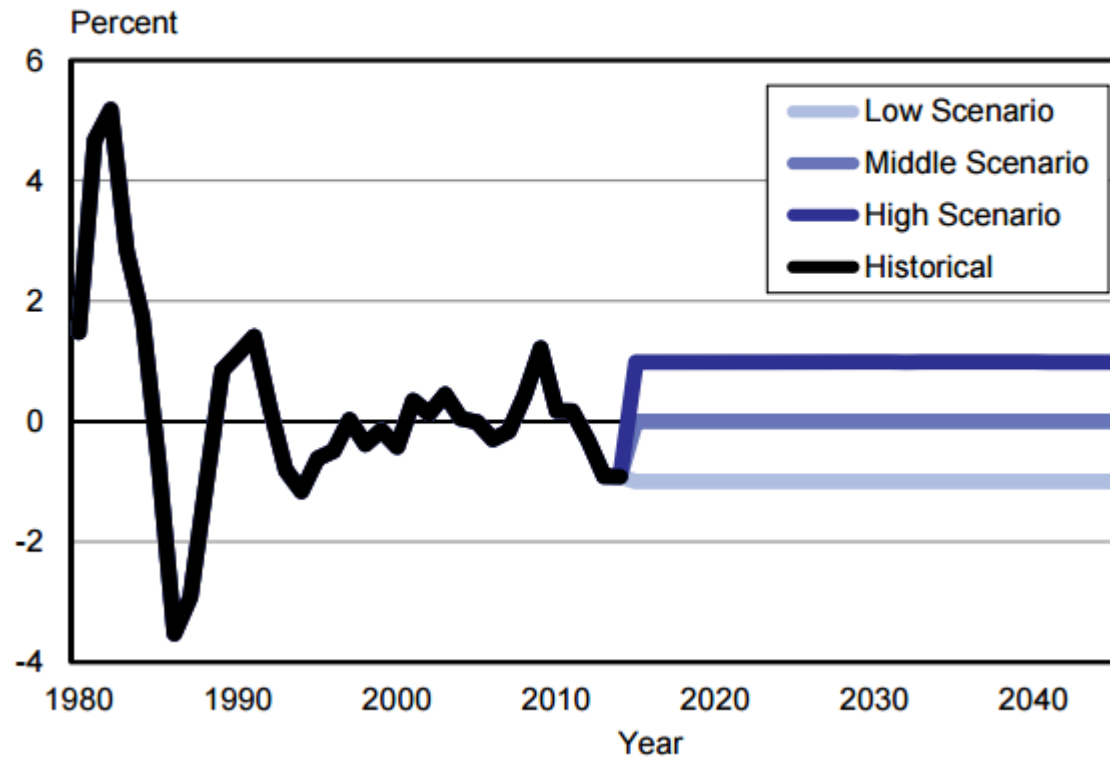
Life Expectancy at Birth, 1970 to 2040

Alaska	Male	Female
1970	66.1	74.0
1980	68.8	76.5
1990	71.6	78.7
2000	74.9	79.7
2010	76.1	80.5
2020*	77.3	81.7
2030*	78.3	82.4
2040*	79.3	83.0

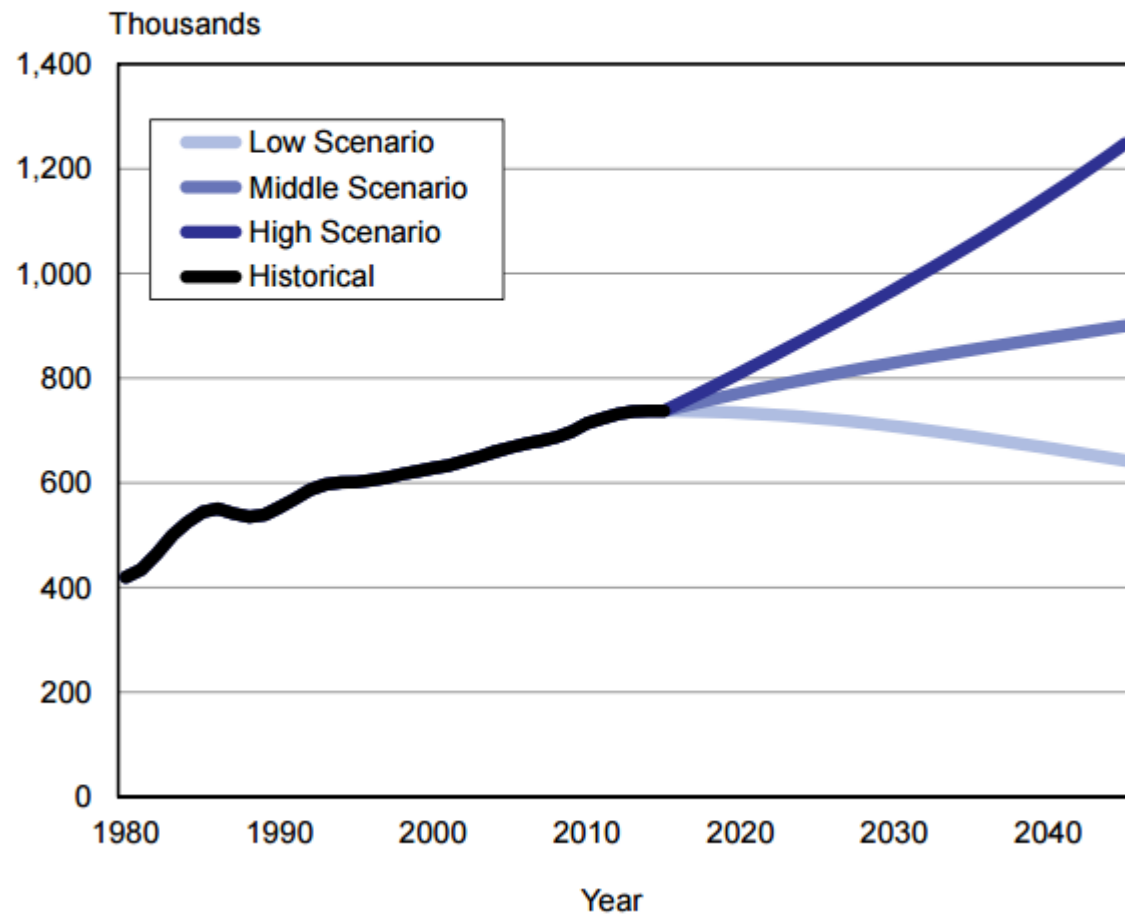
United States	Male	Female
1970	67.2	74.9
1980	69.9	77.5
1990	71.8	78.9
2000	74.0	79.4
2010*	75.4	80.0
2020*	76.5	80.8
2030*	77.5	81.7
2040*	78.5	82.5

*Projected

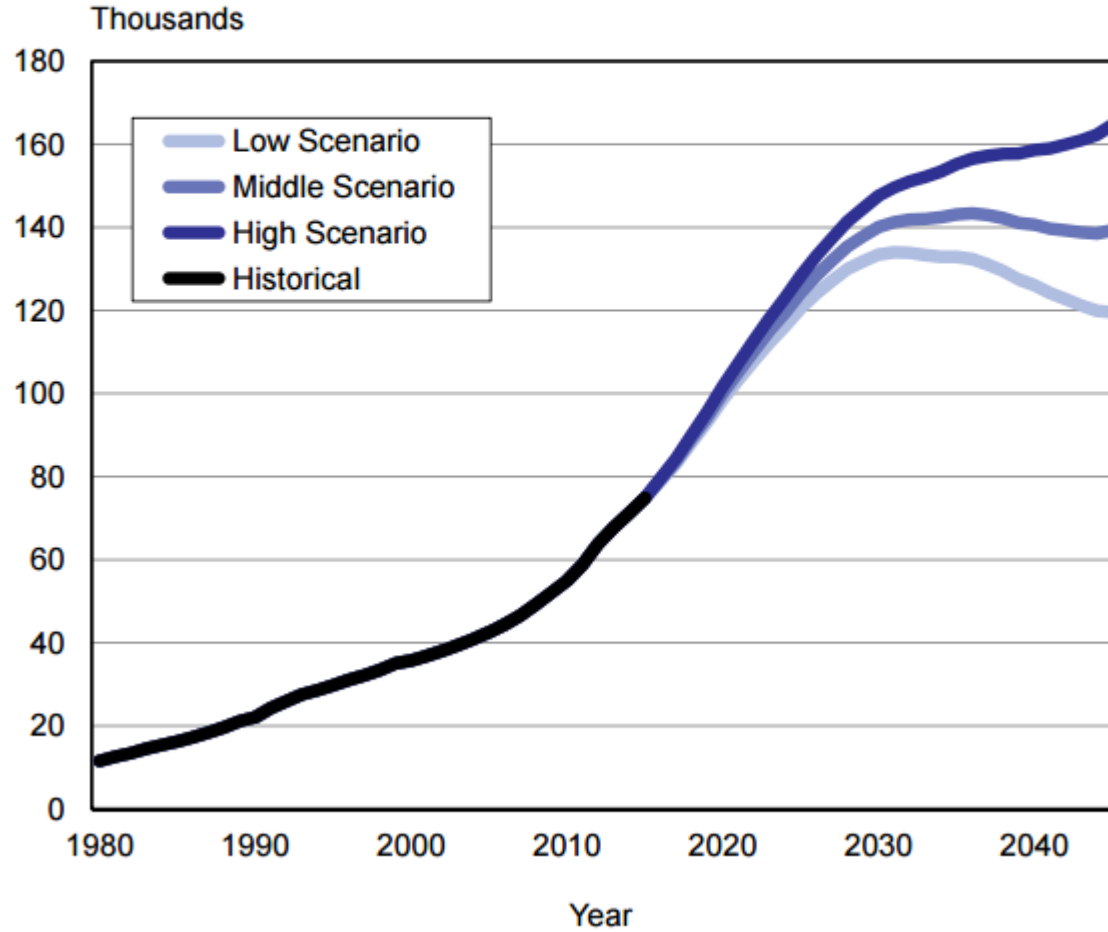
Alaska Net-Migration Ratio, 1980 to 2045



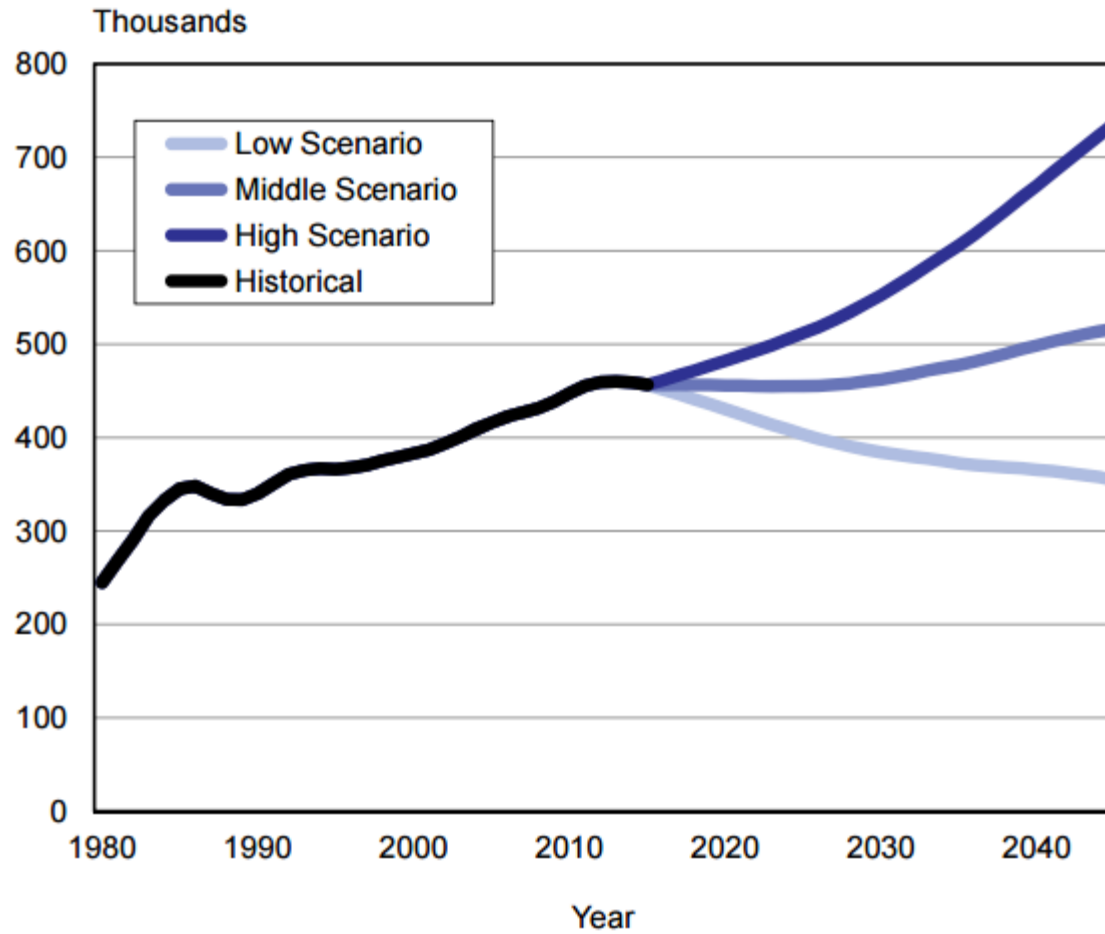
Total Population, Alaska, 1980 to 2045



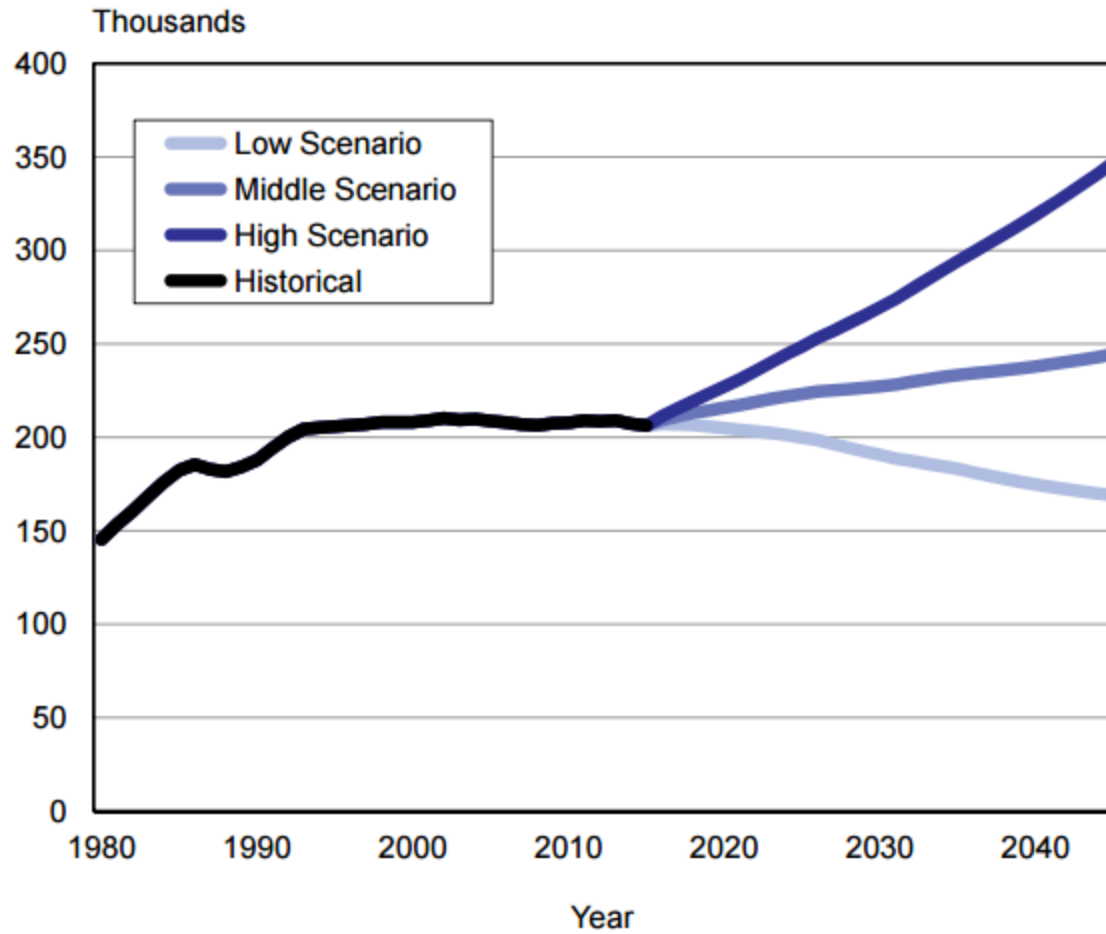
Population Age 65+, Alaska, 1980 to 2045



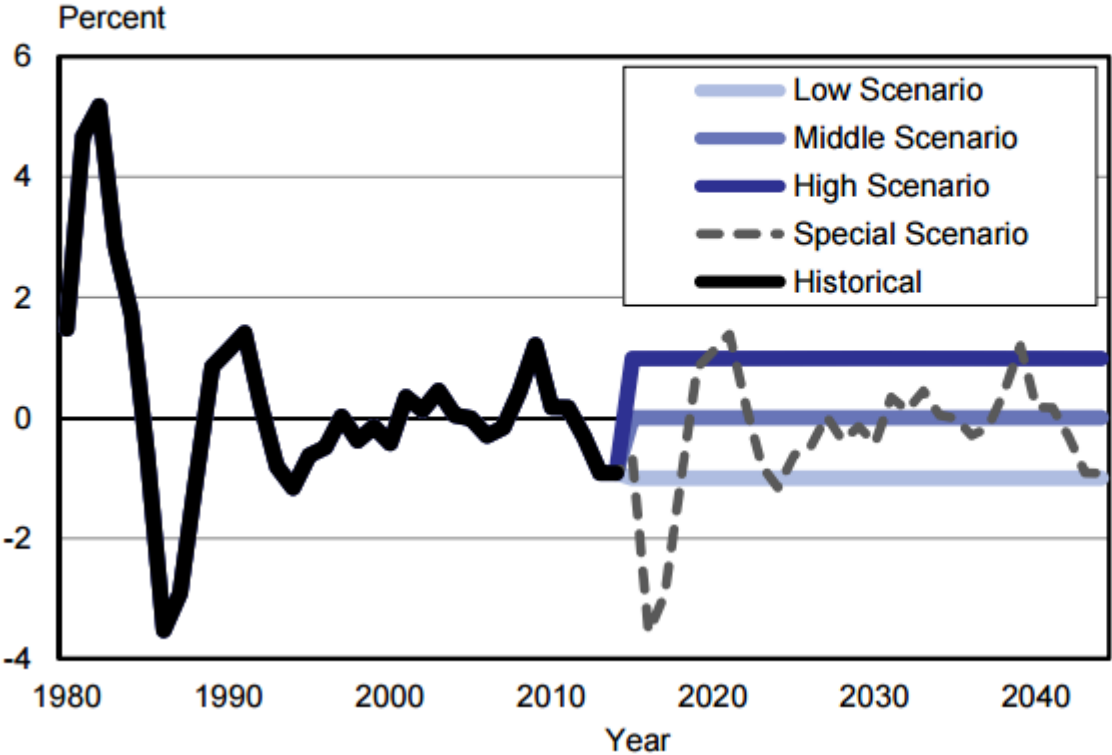
Population Age 20 to 64, Alaska, 1980 to 2045



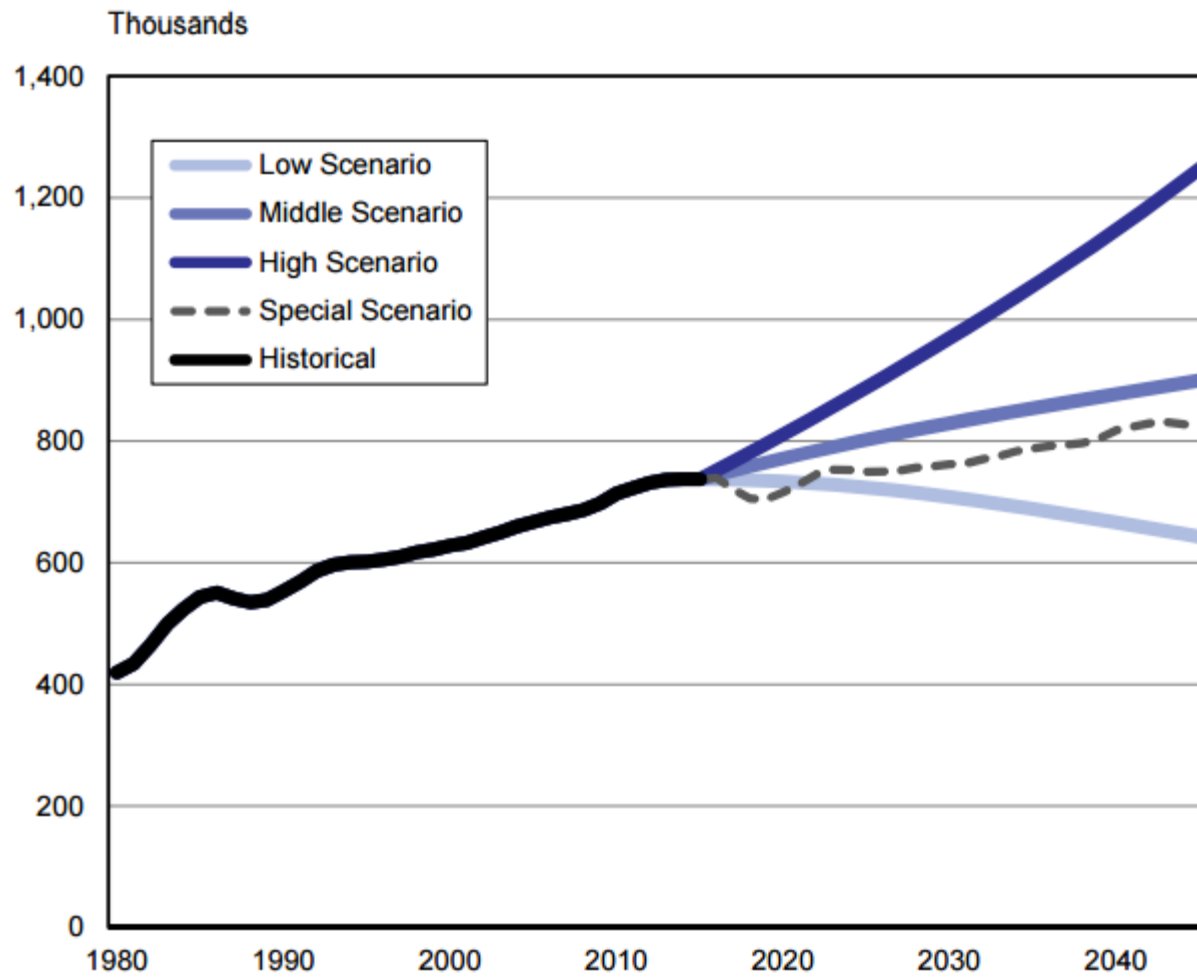
Population Age 0 to 19, Alaska, 1980 to 2045



Alaska Net-Migration Ratio with Special Scenario, 1980 to 2045



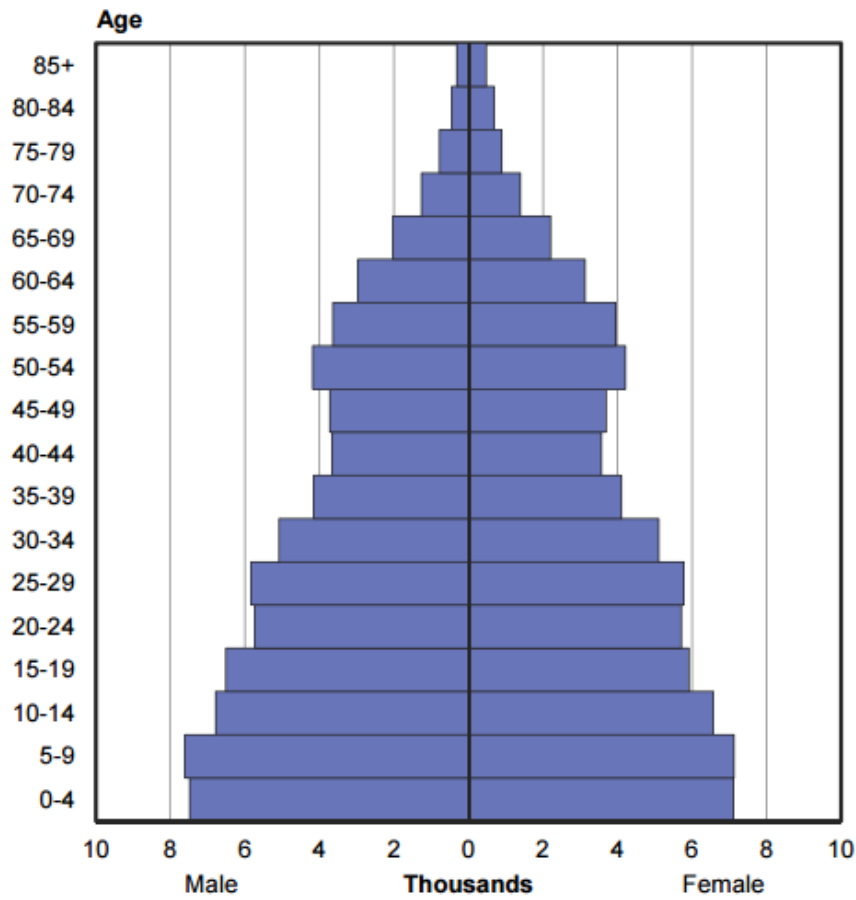
Alaska Population with Special Scenario, 1980 to 2045



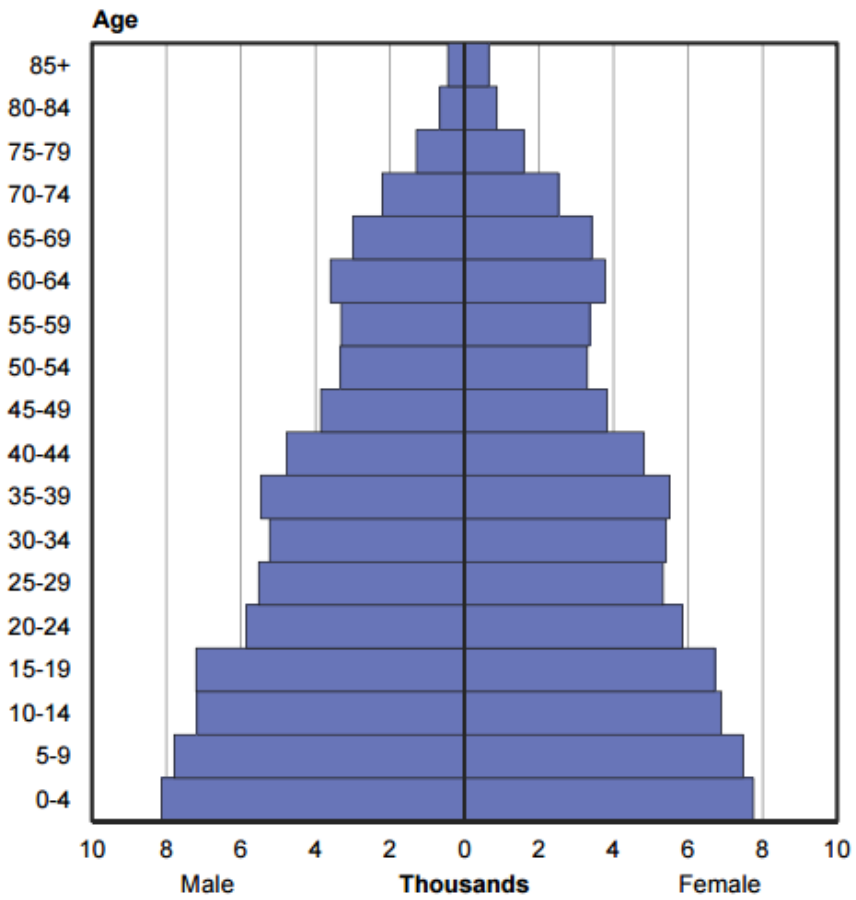
Population Projections: 2015 to 2045 Alaska Native

- Projections are for Alaska Native alone or in combination with one or more other races.
- The Alaska Native population is projected to add around 40,000 over the next 30 years.
- There's uncertainty about whether the Alaska Native share of state population will increase.

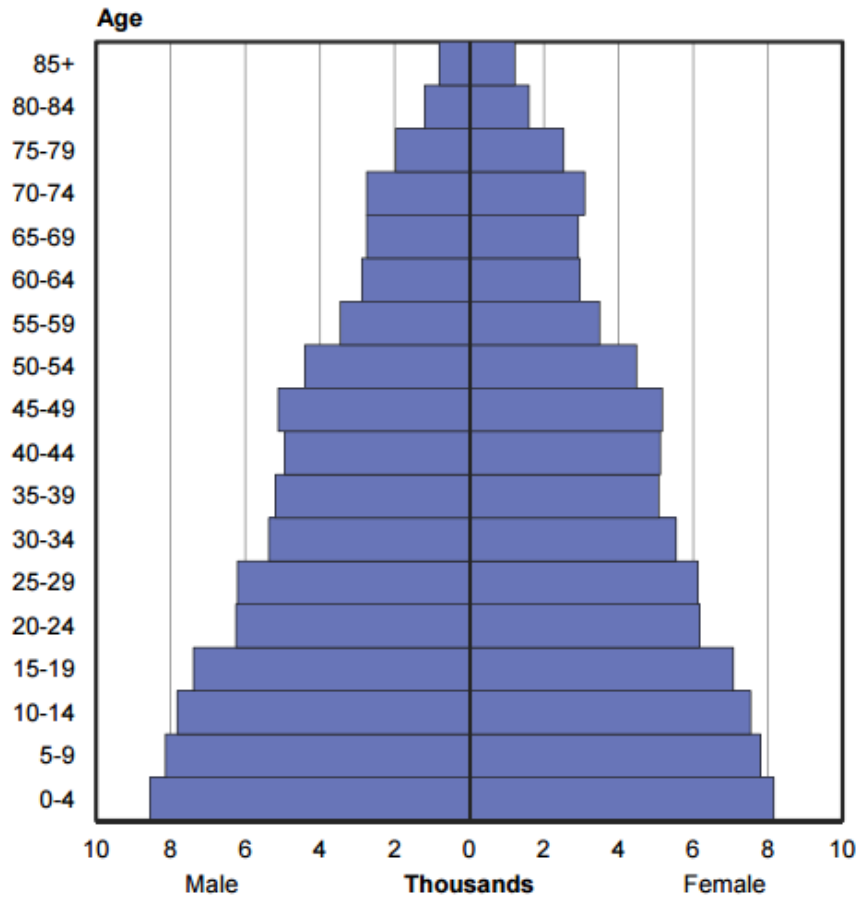
Alaska Native Population by Age and Sex, 2015



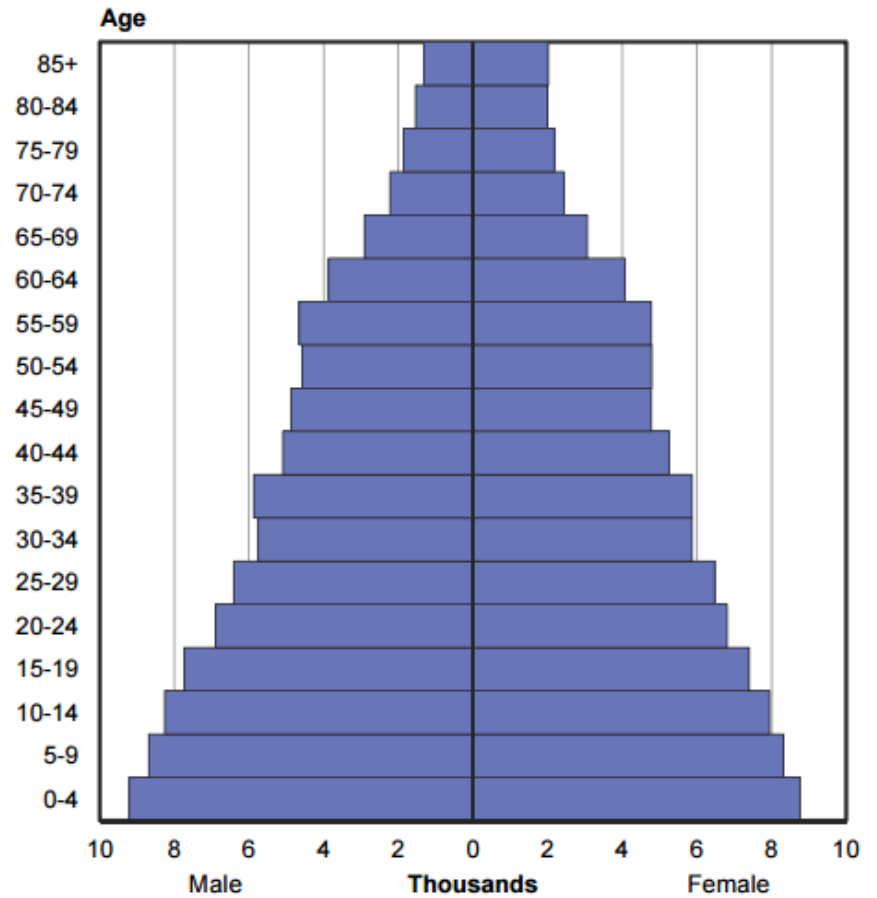
Alaska Native Population by Age and Sex, 2025



Alaska Native Population by Age and Sex, 2035



Alaska Native Population by Age and Sex, 2045



Population Projections: 2015 to 2045 Regions

Younger areas

- Northern projected to add ~6,500 people for a total of ~30,500 in 2045.
- Southwest projected to add over 10,000 for a total of nearly 53,000 in 2045.

Population Projections: 2015 to 2045 Regions

Older areas

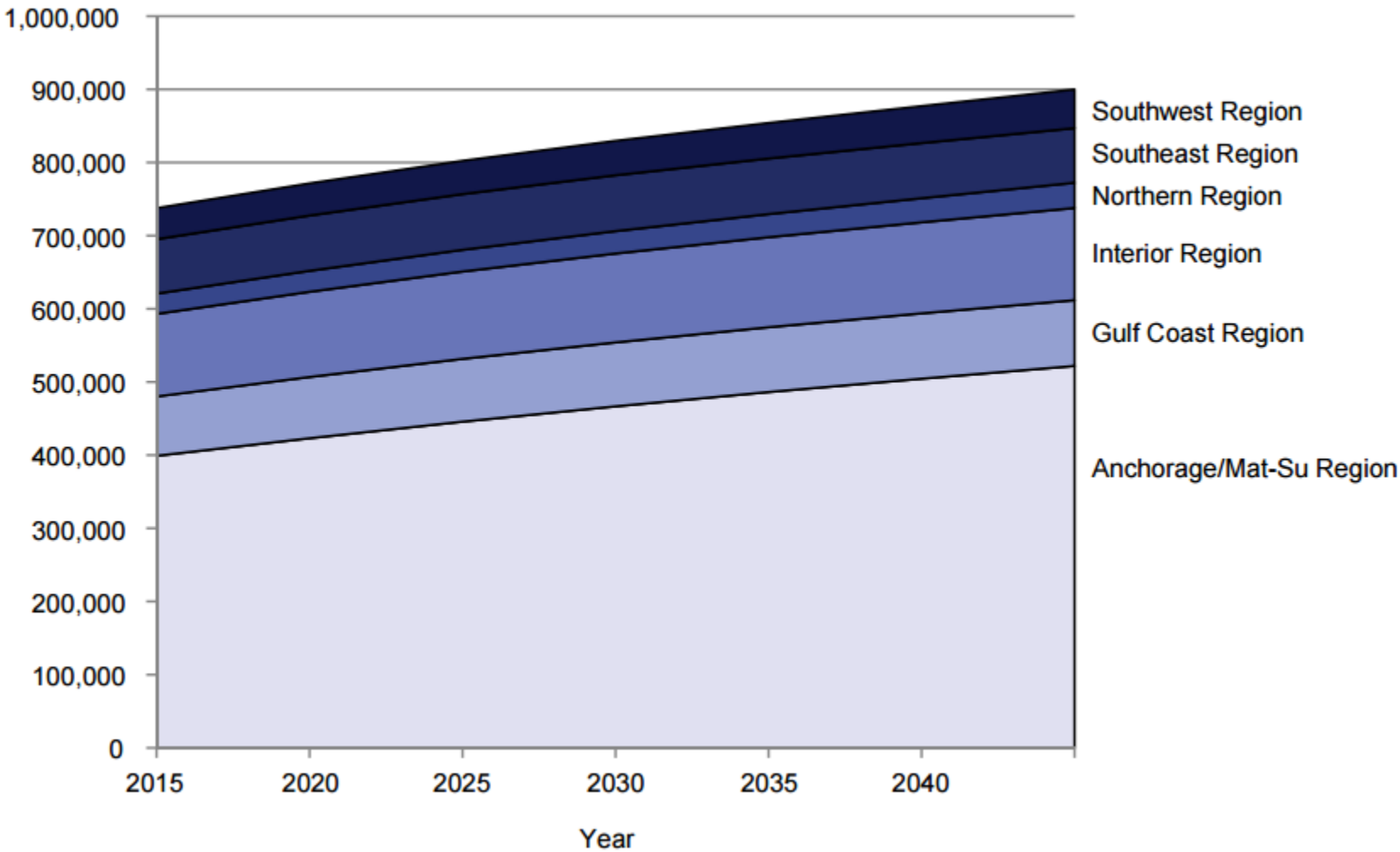
- Gulf Coast projected to add ~9,000 people for a total of just under 90,000 people in 2045.
- Southeast projected to increase then decrease for an overall change of ~0 and stay at approximately 75,000.

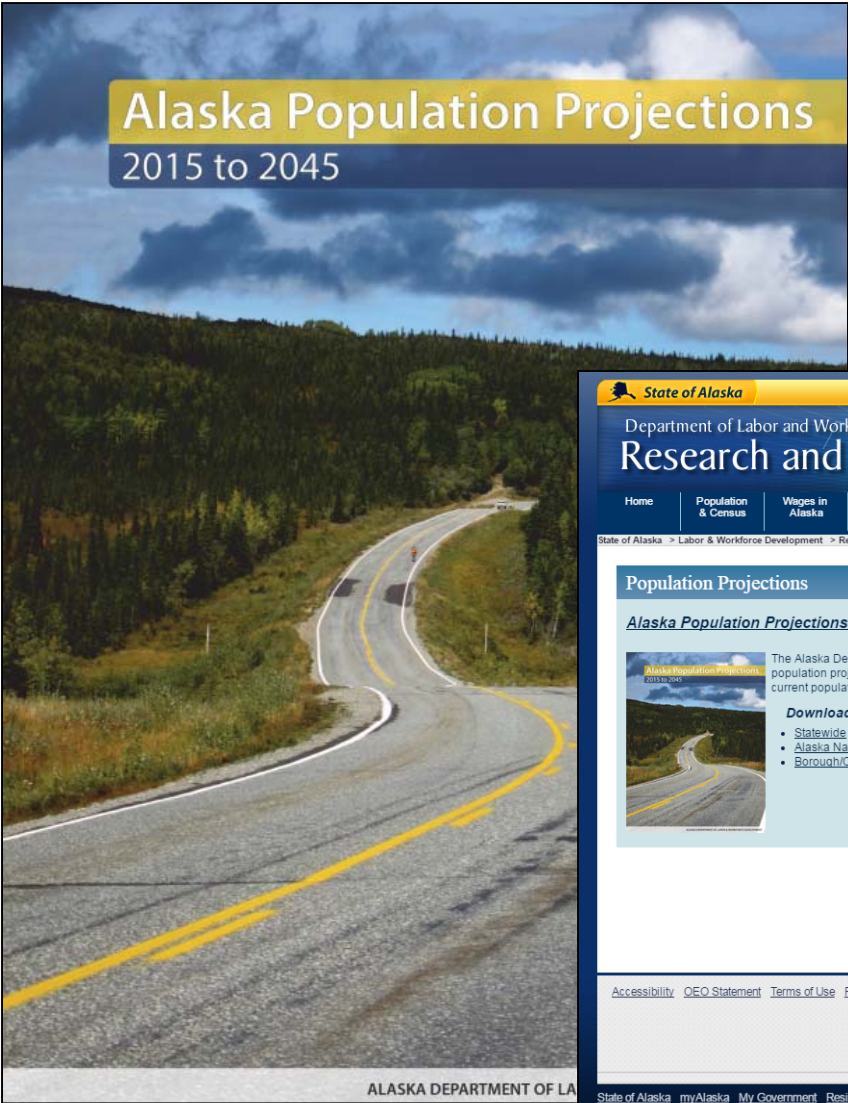
Population Projections: 2015 to 2045 Regions

Anchorage, Mat-Su, and Interior

- Anchorage is projected to add over 40,000 people for a total of about 340,000 in 2045.
- Mat-Su is projected to add 80,000 people for a total of ~180,000 in 2045.
- Interior projected to increase by just 13,000, for a total of 125,000 in 2045.

Population by Alaska Region, 2015 to 2045





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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

Additional Links

- Population Estimates
- Migration Data and Information
- Historical Publications
- Related Trends Articles
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- Scheduled Release Dates
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Population Projections, 2015 to 2045

Thank you!

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



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