

Oregon Population Forecast Program

Regional Forecast Meeting – March 14, 2017

Preliminary Coordinated Forecasts for
Washington County, its Urban Growth Boundaries
(UGBs), and the Area Outside UGBs

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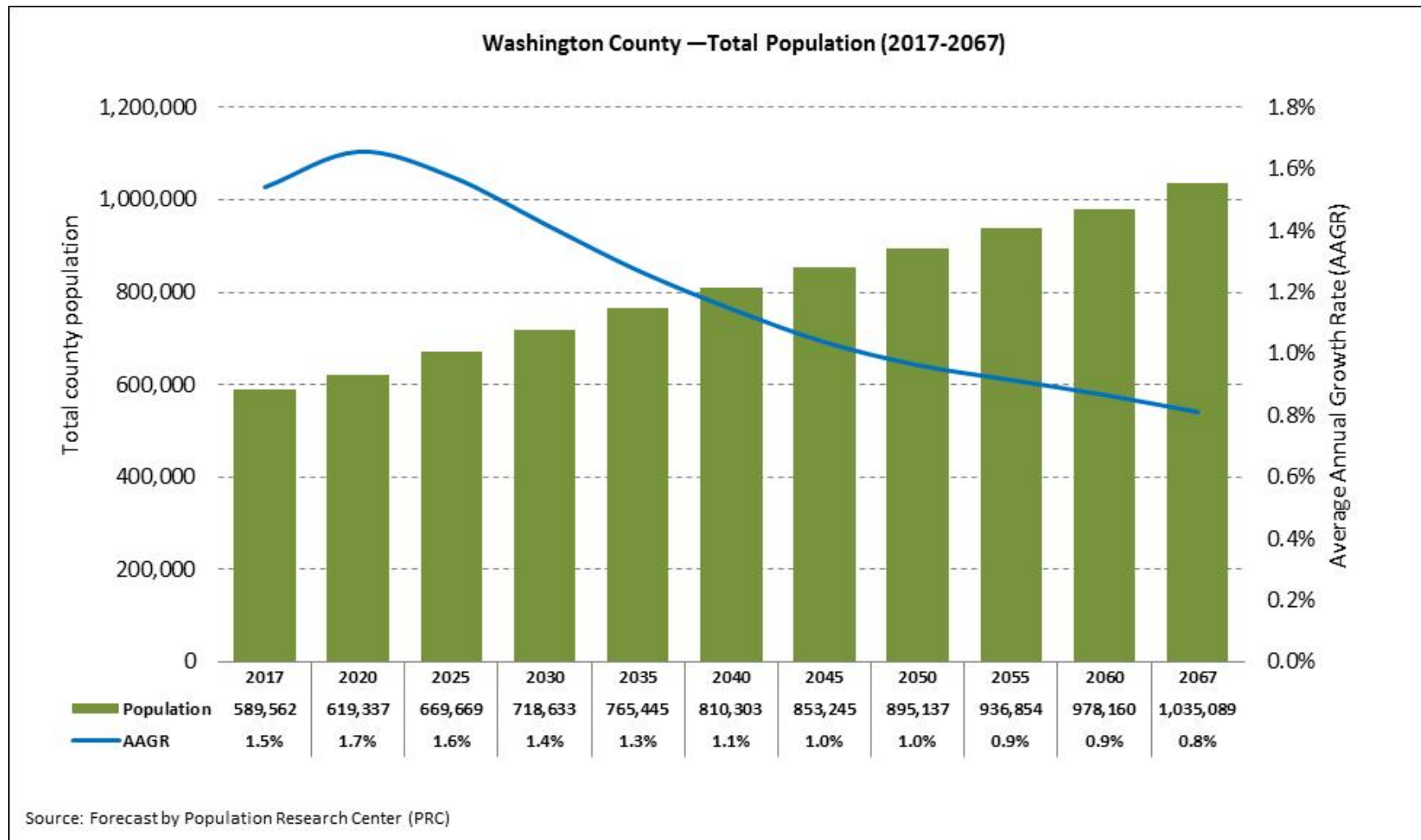
Agenda

- Present and discuss preliminary forecast results
 - Proposed Forecasts by March 31st, 2017; Posted on Oregon Population Forecast Program (OPFP) website:
<http://www.pdx.edu/prc/opfp>
- Explain our assumptions for future change
- Obtain your feedback

Assumptions for County and Larger Sub-Area Forecasts

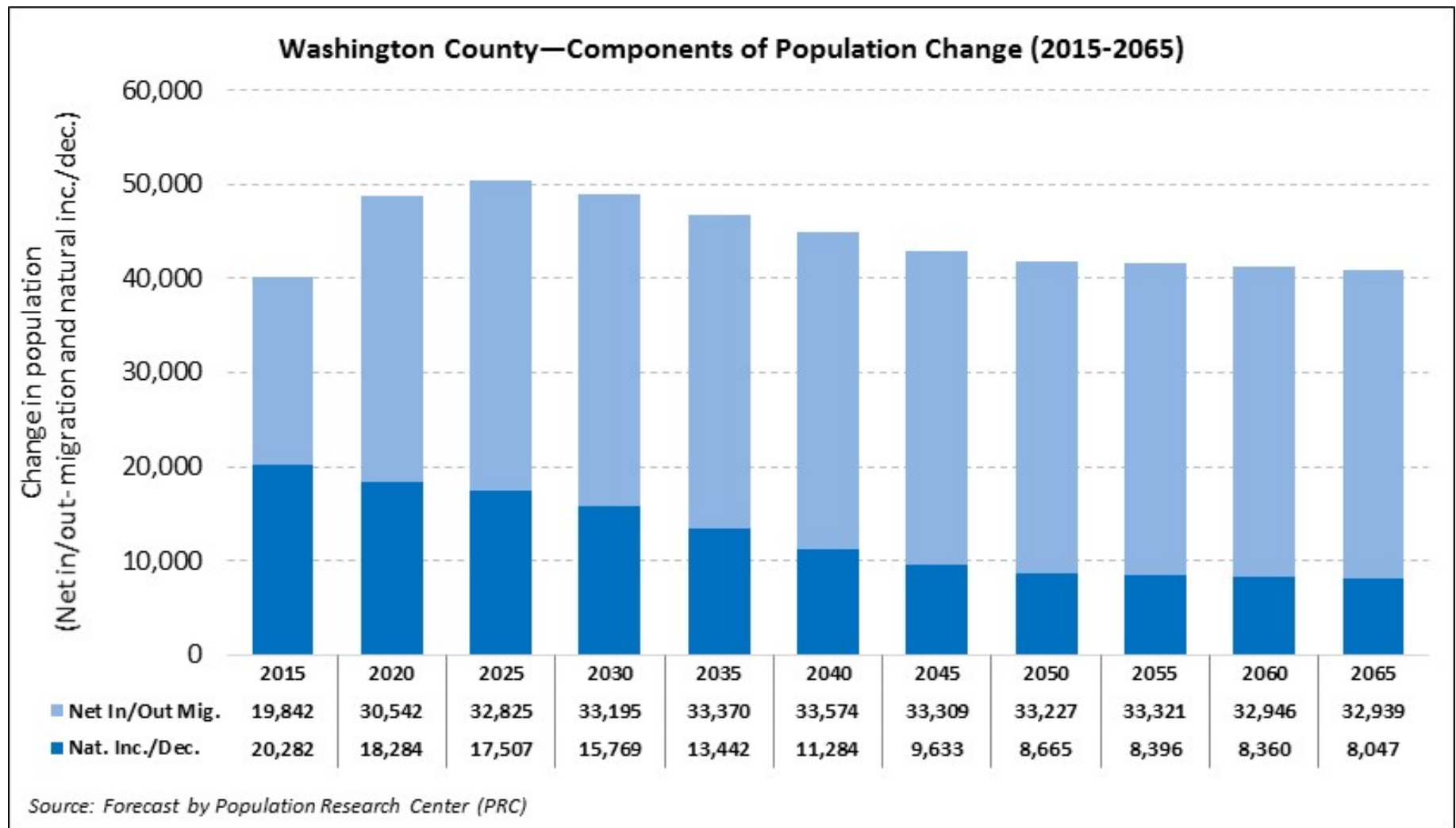
1. In general, as the economy continues to strengthen we assume an increase in net in-migration and a corresponding growth in housing construction.
 - a) Despite some historical slight net out-migration, recent net in-migration will accelerate in the nearer-term and then stabilize.
 - b) Net in-migration will occur over the entire forecast horizon.
2. We incorporate national trends into our assumptions for fertility and mortality rates.
 - a) As a result of aging Baby Boomers, deaths increase and peak in 2040, with total deaths tapering through 2050.
 - b) Total fertility rates decline throughout the entire forecast period.
 - c) As a result the County will continue to experience natural increase but at a diminishing magnitude.
3. Population increases will become more dependent on net in-migration.

Preliminary Forecast Results



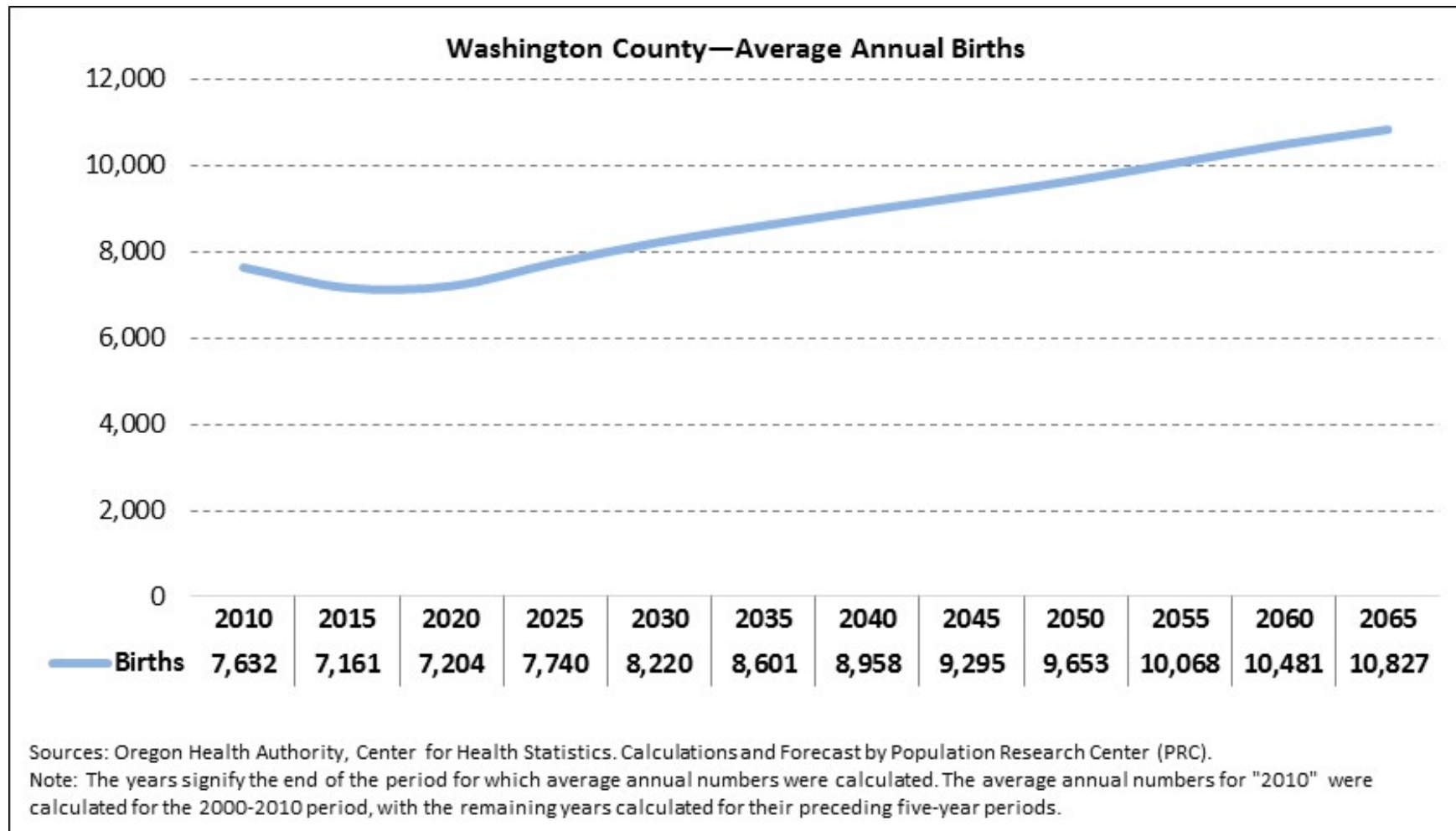
These numbers represent **Preliminary** Forecast Results

Preliminary Forecast Results



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Historical and Forecast Trends



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Additional Historical Trends

Hispanic or Latino and Race	2000		2010		Absolute Change	Relative Change
<i>Total population</i>	445,342	100.0%	529,710	100.0%	84,368	18.9%
Hispanic or Latino	49,735	11.2%	83,270	15.7%	33,535	67.4%
Not Hispanic or Latino	395,607	88.8%	446,440	84.3%	50,833	12.8%
White alone	346,251	77.7%	369,453	69.7%	23,202	6.7%
Black or African American alone	4,778	1.1%	8,861	1.7%	4,083	85.5%
American Indian and Alaska Native alone	2,335	0.5%	2,559	0.5%	224	9.6%
Asian alone	29,552	6.6%	45,354	8.6%	15,802	53.5%
Native Hawaiian and Other Pacific Islander alone	1,249	0.3%	2,269	0.4%	1,020	81.7%
Some Other Race alone	650	0.1%	940	0.2%	290	44.6%
Two or More Races	10,792	2.4%	17,004	3.2%	6,212	57.6%

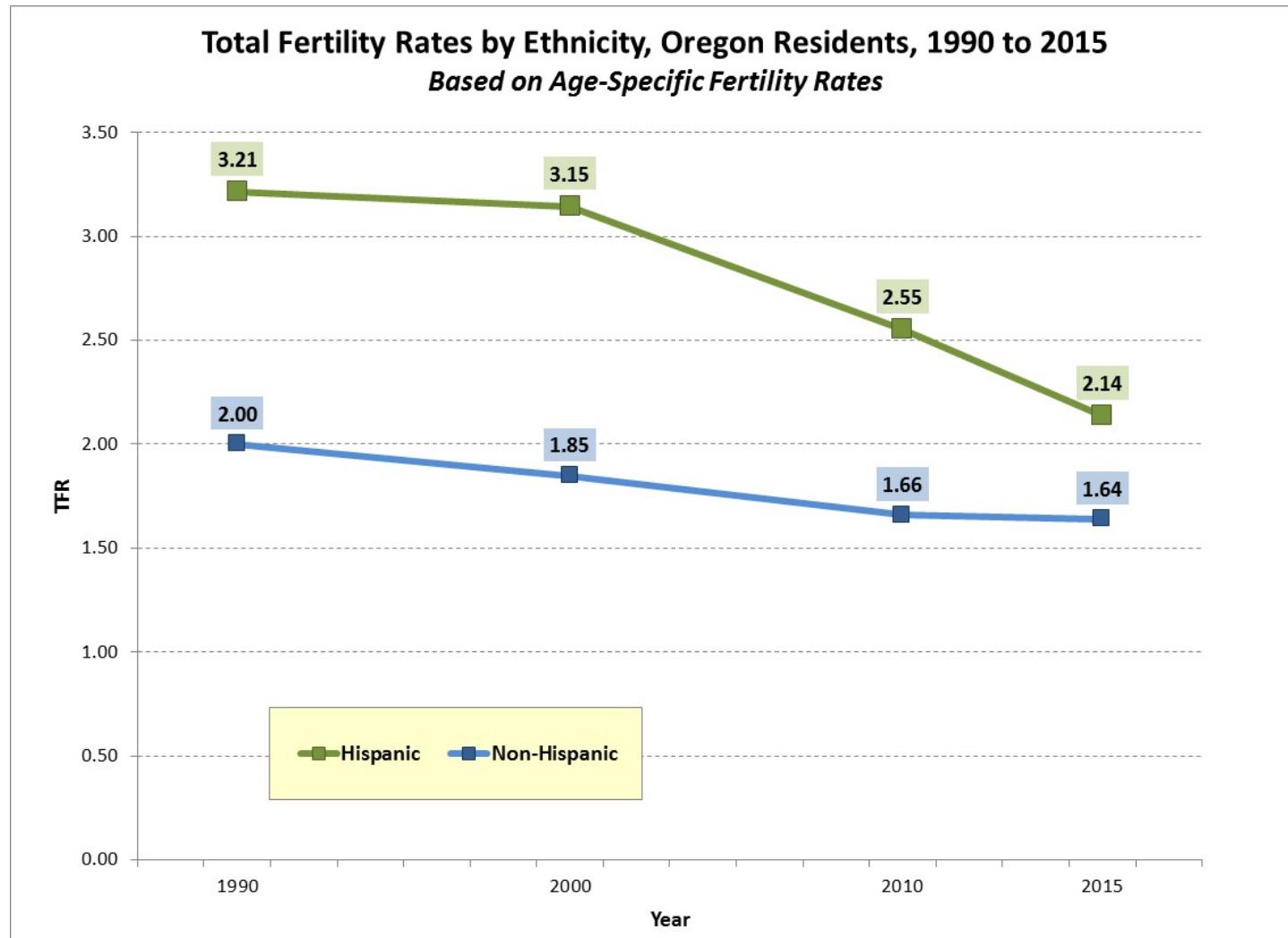
Sources: U.S. Census Bureau, 2000 and 2010 Censuses.

Total Fertility Rate (TFR)

	2000	2010	2015	2035	2065
Washington Coun	2.20	1.81	1.67	1.75	1.72
Oregon	1.98	1.80	1.83	1.78	1.73

Sources: U.S. Census Bureau, 2000 and 2010 Censuses. Oregon Health Authority, Center for Health Statistics. Calculations and Forecast by Population Research Center (PRC).

Historical and Forecast Trends

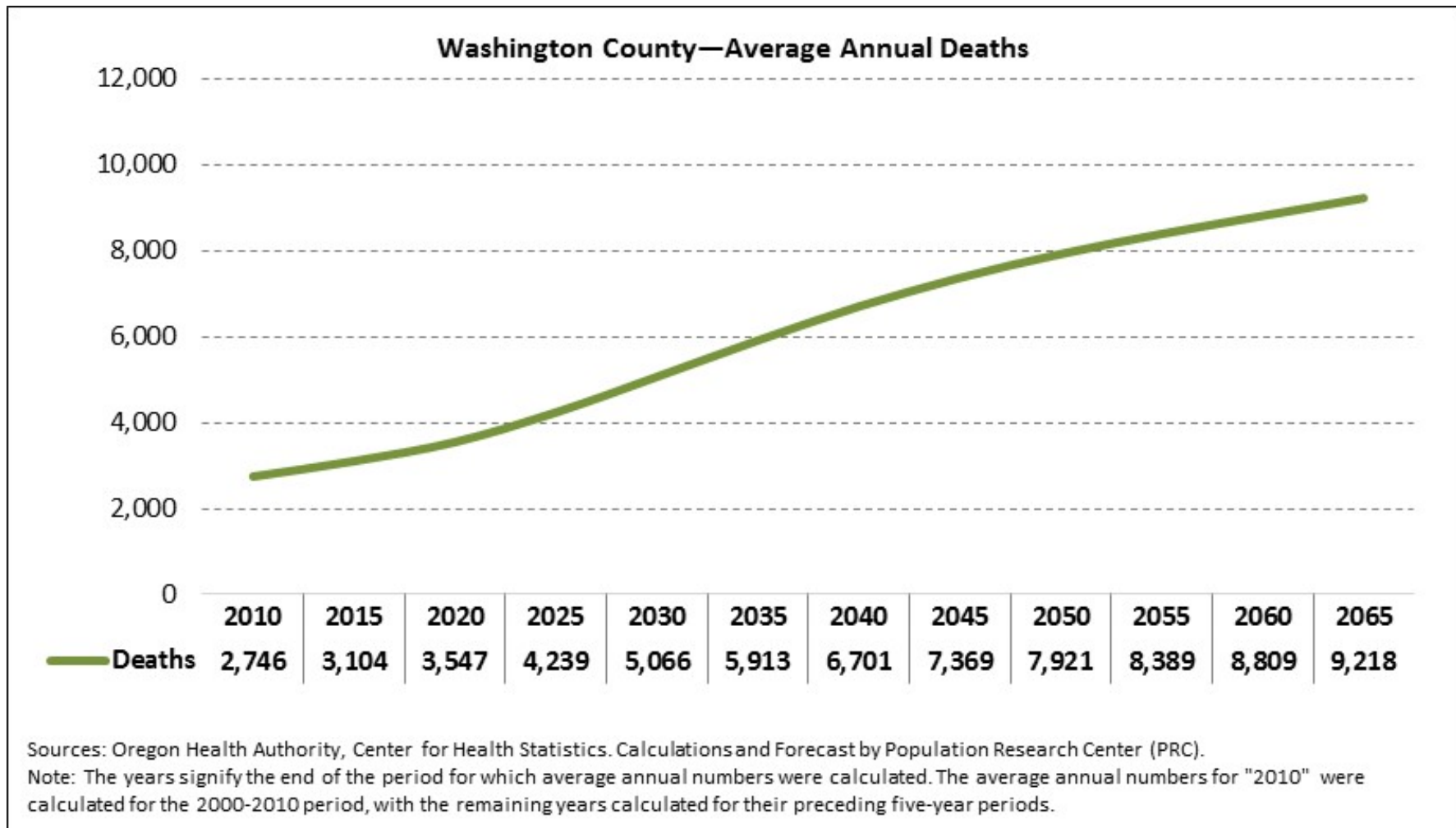


Sources: PEPAS R6H-Geography-Oregon Year-July 1, 2015 and July 1, 2010

Hispanic Origin-Hispanic: Annual Estimates of the Resident Population by Sex, Age, Race, and Hispanic Origin for the United States and States: April 1, 2010 to July 1, 2015
Population Research Center (PRC): 2015 Population Estimates

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Historical and Forecast Trends



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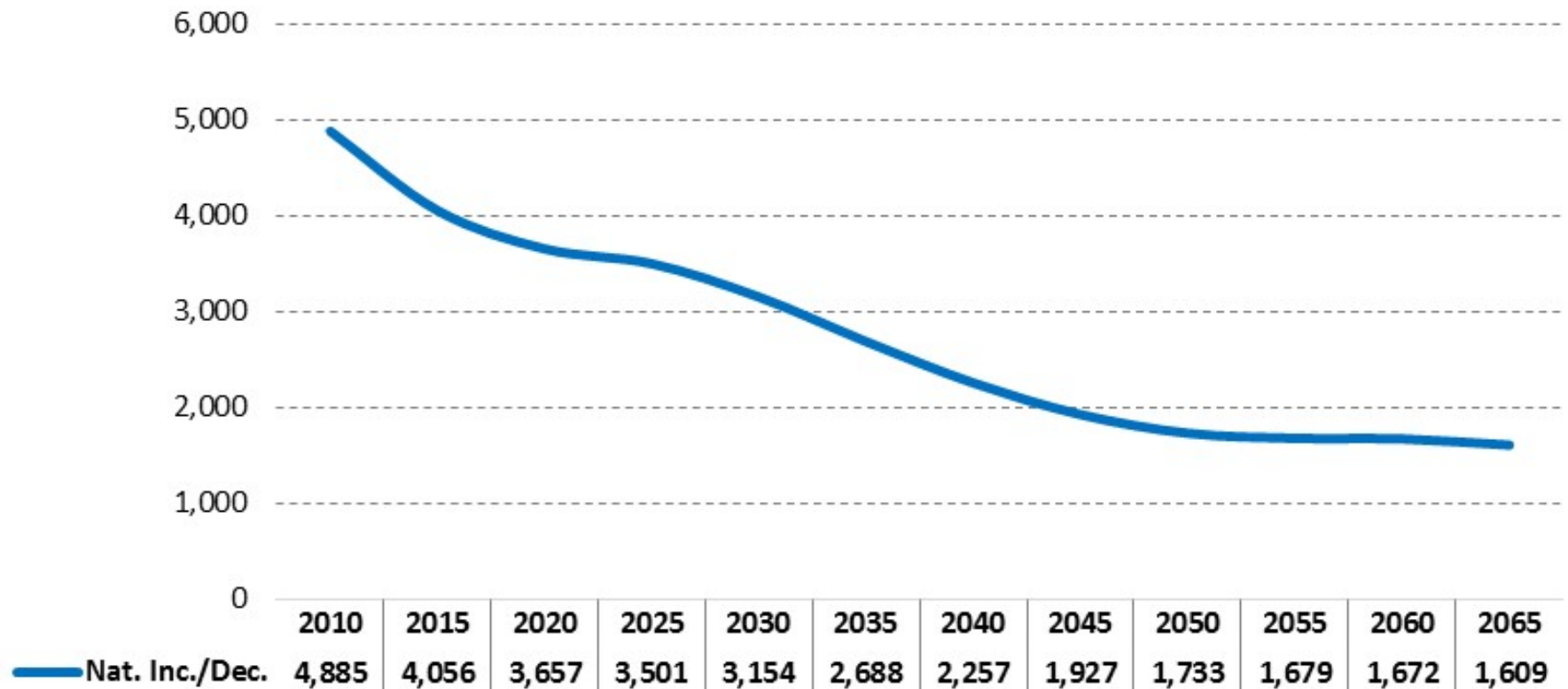
Life Expectancy (Years)—Total Pop

	2000	2010	2060
Washington Coun	79.6	82.1	89.6
Oregon	77.9	79.6	86.9

Source: U.S. Census Bureau.

Historical and Forecast Trends

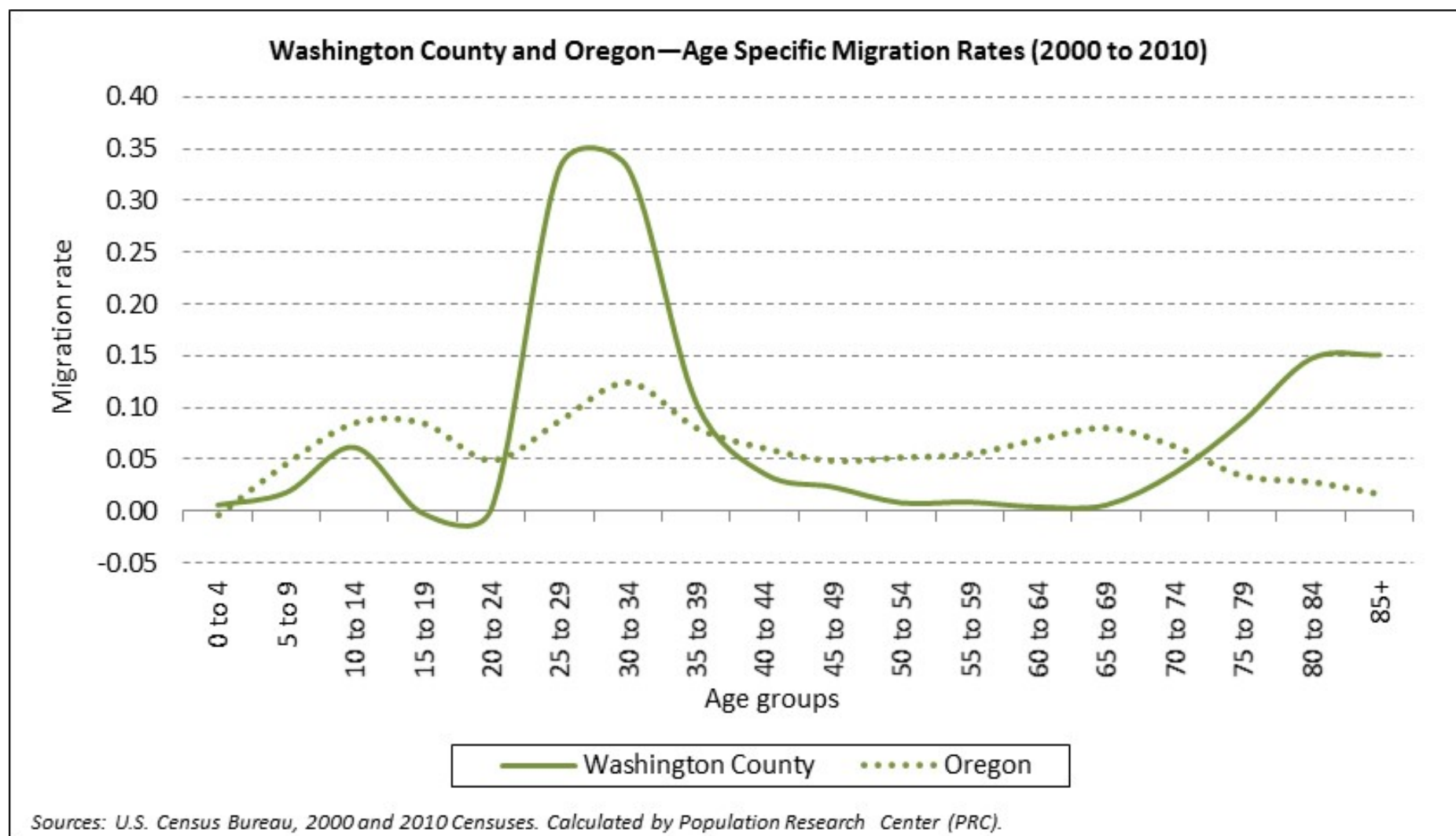
Washington County—Average Annual Natural Increase/Decrease



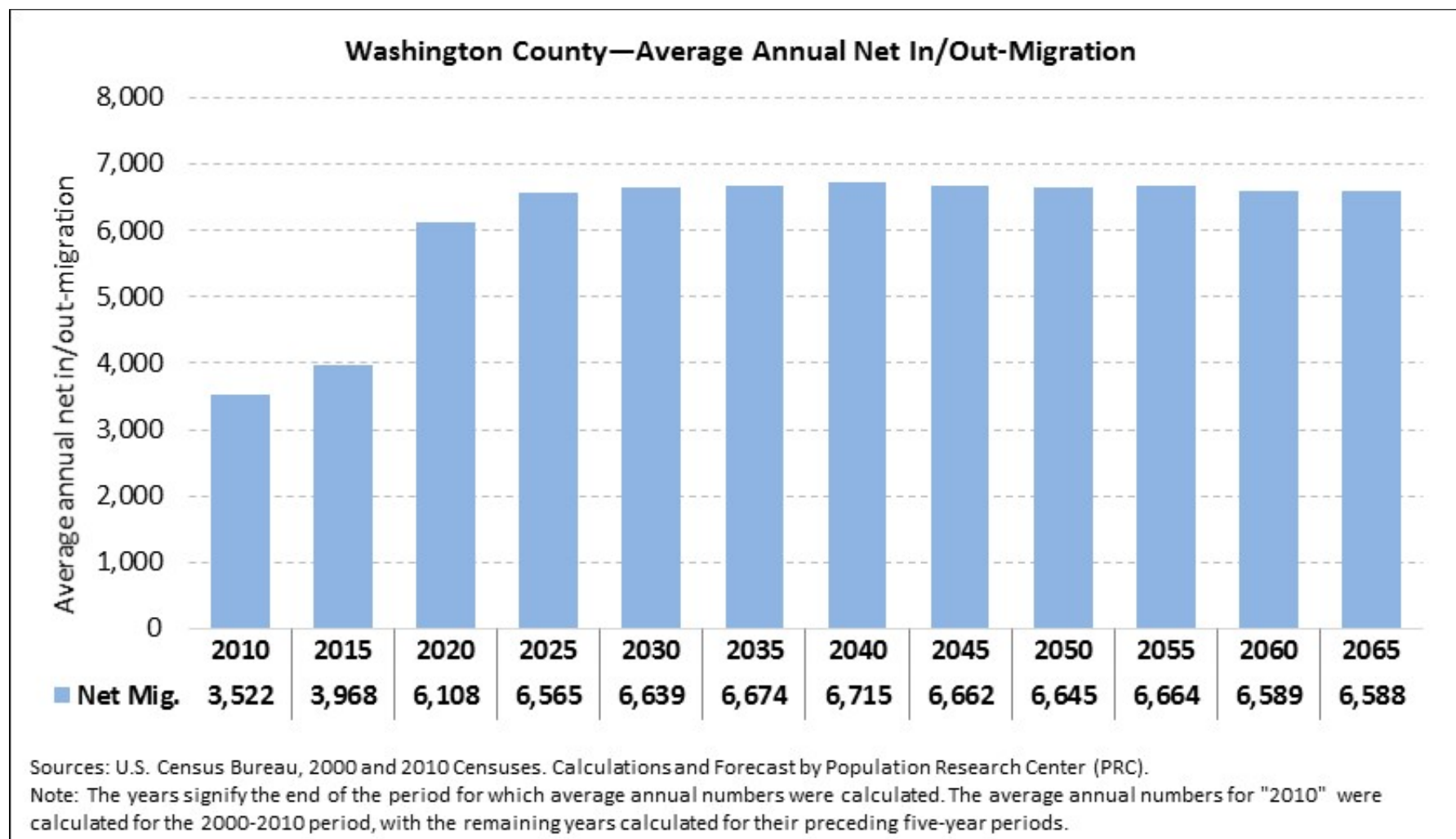
Sources: Oregon Health Authority, Center for Health Statistics. Calculations and Forecast by Population Research Center (PRC).

Note: The years signify the end of the period for which average annual numbers were calculated. The average annual numbers for "2010" were calculated for the 2000-2010 period, with the remaining years calculated for their preceding five-year periods.

Additional Historical Trends

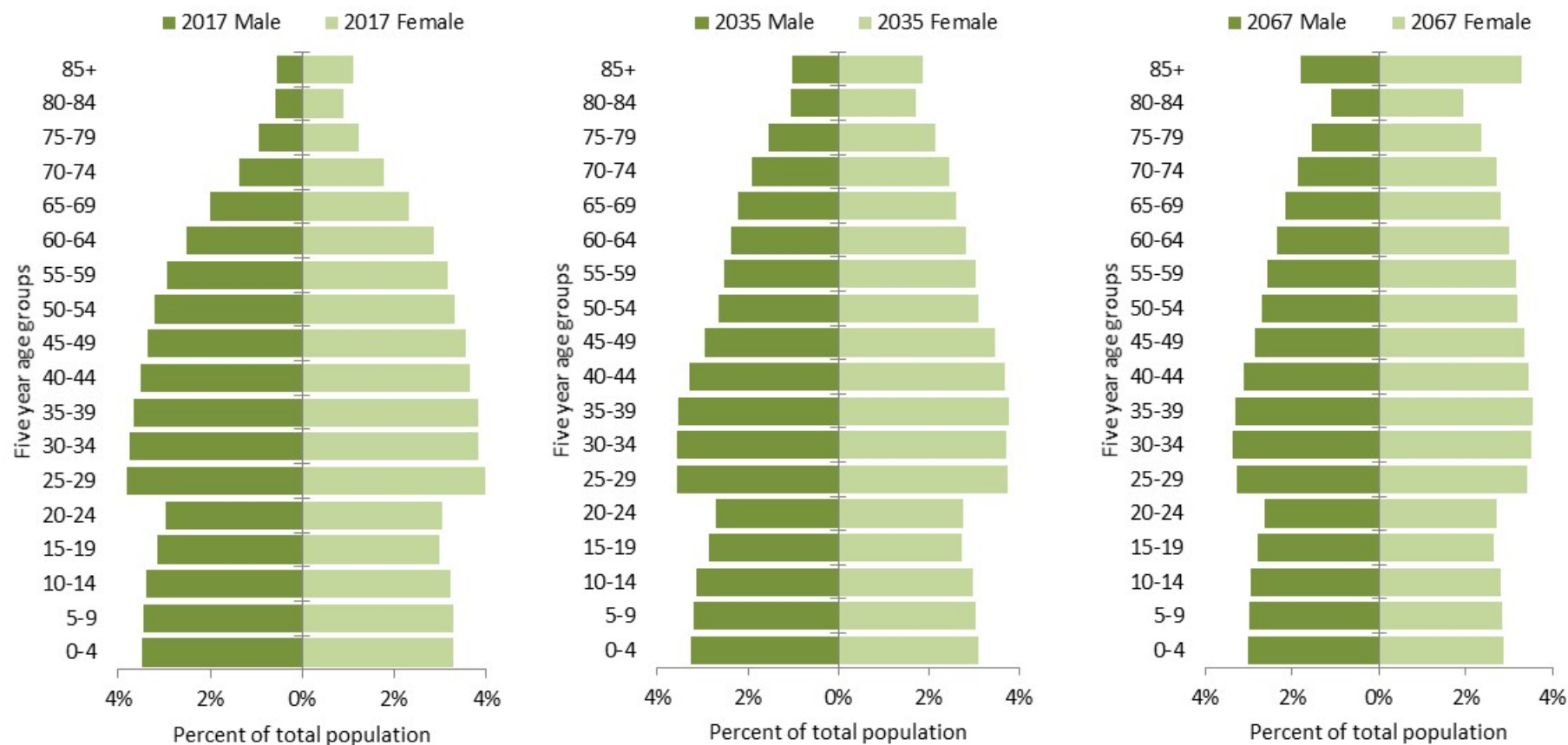


Historical and Forecast Trends



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Washington County—Age Structure of the Population



Source: Forecast by Population Research Center (PRC)

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Historical and Forecast Trends

Historical and Forecast Populations for Washington County and its Sub-Areas

	Historical			Forecast				
	2000	2010	AAGR (2000-2010)	2017	2035	2067	AAGR (2017-2035)	AAGR (2035-2067)
<i>Washington County</i>	445,342	529,710	1.8%	589,562	765,445	1,035,089	1.5%	0.9%
Banks UGB	1,395	1,876	3.0%	1,908	2,887	3,388	2.3%	0.5%
Gaston UGB (Washington)	624	646	0.3%	654	691	726	0.3%	0.2%
North Plains UGB	1,605	1,964	2.0%	2,266	5,922	7,718	5.5%	0.8%
Outside UGBs	25,553	25,429	0.0%	25,566	23,724	23,233	-0.4%	-0.1%

Sources: U.S. Census Bureau, 2000 and 2010 Censuses; Forecast by Population Research Center (PRC).

Note: PRC does not forecast populations within the Metro area. As a result, population numbers do not add up in this table.

These numbers represent **Preliminary** Forecast Results

Preliminary Forecast Results



County and Larger Sub-Areas—Population and Average Annual Growth Rate (AAGR) (2017, 2035, and 2067)

	2017	2035	2067	AAGR (2017-2035)	AAGR (2035-2067)	Share of County 2017	Share of County 2035	Share of County 2067
Washington County	589,562	765,445	1,035,089	1.5%	0.9%	100.0%	100.0%	100.0%
Outside UGBs	25,566	23,724	23,233	-0.4%	-0.1%	4.3%	3.1%	2.2%
Smaller UGBs	4,828	9,501	11,832	3.8%	0.7%	0.8%	1.2%	1.1%

Source: Forecast by Population Research Center (PRC)

Note: Smaller UGBs are those with populations less than 7,000 in forecast launch year.

Note: PRC does not forecast populations within the Metro area. As a result, population numbers and shares do not add up in this table.

These numbers represent **Preliminary** Forecast Results

Assumptions for Smaller Sub-Area Forecasts

1. For UGBs experiencing population growth, we assume a higher growth rate in the near-term, with growth stabilizing over the remainder of the forecast period.
2. If planned housing units were reported in the surveys, then we account for them being constructed over the next 5-10 years.
3. For county sub-areas where population growth has been flat or declined, and there is no planned housing construction, we tend to temper losses over the forecast period.

Preliminary Forecast Results

County and Smaller Sub-Areas—Population and Average Annual Growth Rate (AAGR) (2017, 2035, and 2067)

	2017	2035	2067	AAGR (2017-2035)	AAGR (2035-2067)	Share of County 2017	Share of County 2035	Share of County 2067
<i>Washington County</i>	589,562	765,445	1,035,089	1.5%	0.9%	100.0%	100.0%	100.0%
Banks UGB	1,908	2,887	3,388	2.3%	0.5%	0.3%	0.4%	0.3%
Gaston UGB (Washington)	654	691	726	0.3%	0.2%	0.1%	0.1%	0.1%
North Plains UGB	2,266	5,922	7,718	5.5%	0.8%	0.4%	0.8%	0.7%
Outside UGBs	25,566	23,724	23,233	-0.4%	-0.1%	4.3%	3.1%	2.2%

Source: Forecast by Population Research Center (PRC)

Note: PRC does not forecast populations within the Metro area. As a result, population numbers and shares do not add up in this table.

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Local Input and Additional Information

- Questions?
- Discussion time