

# Oregon Population Forecast Program

## Regional Forecast Meeting – March 10, 2017

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

# Oregon Population Forecast Program Project Team

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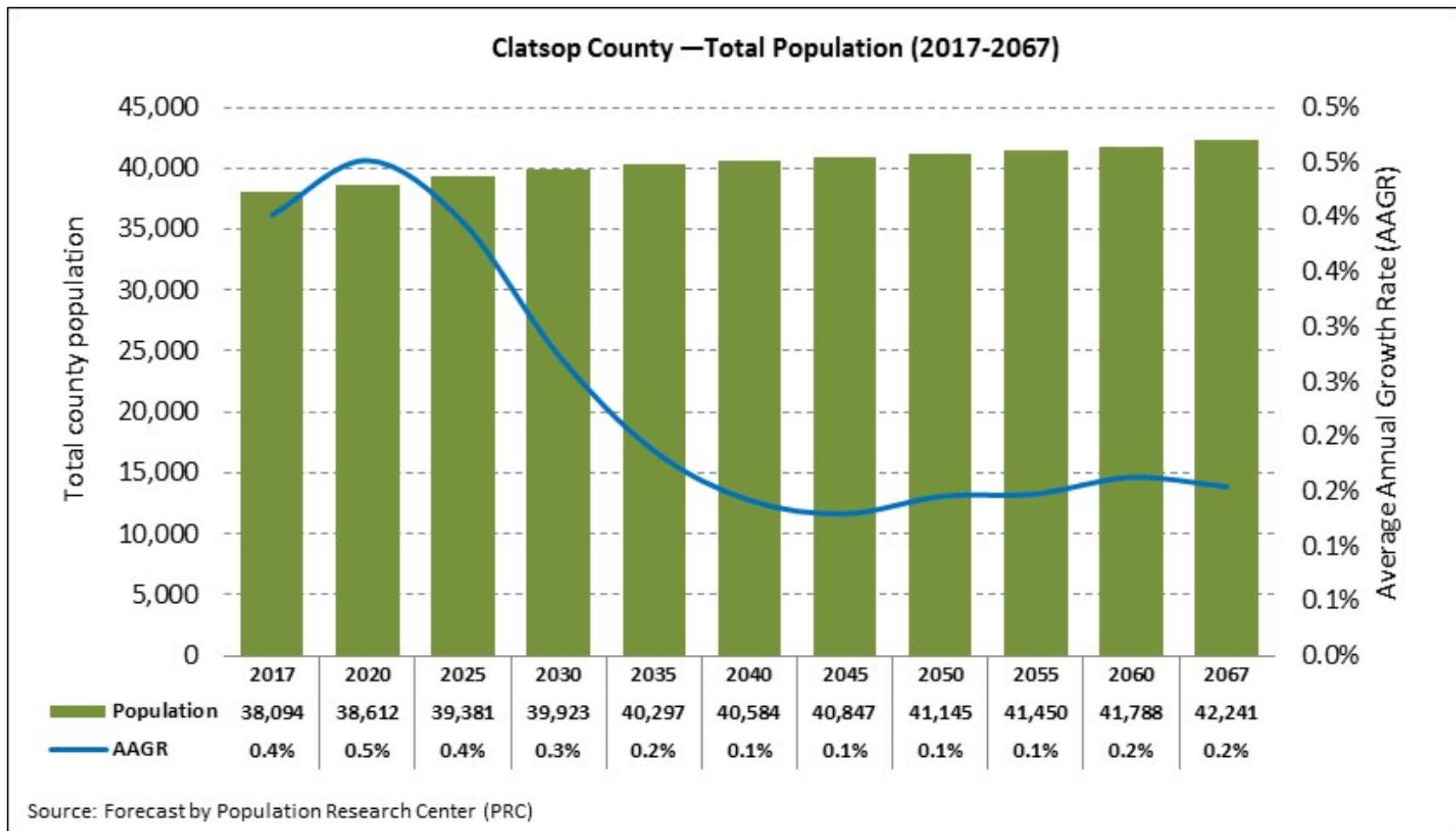
# Agenda

- 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

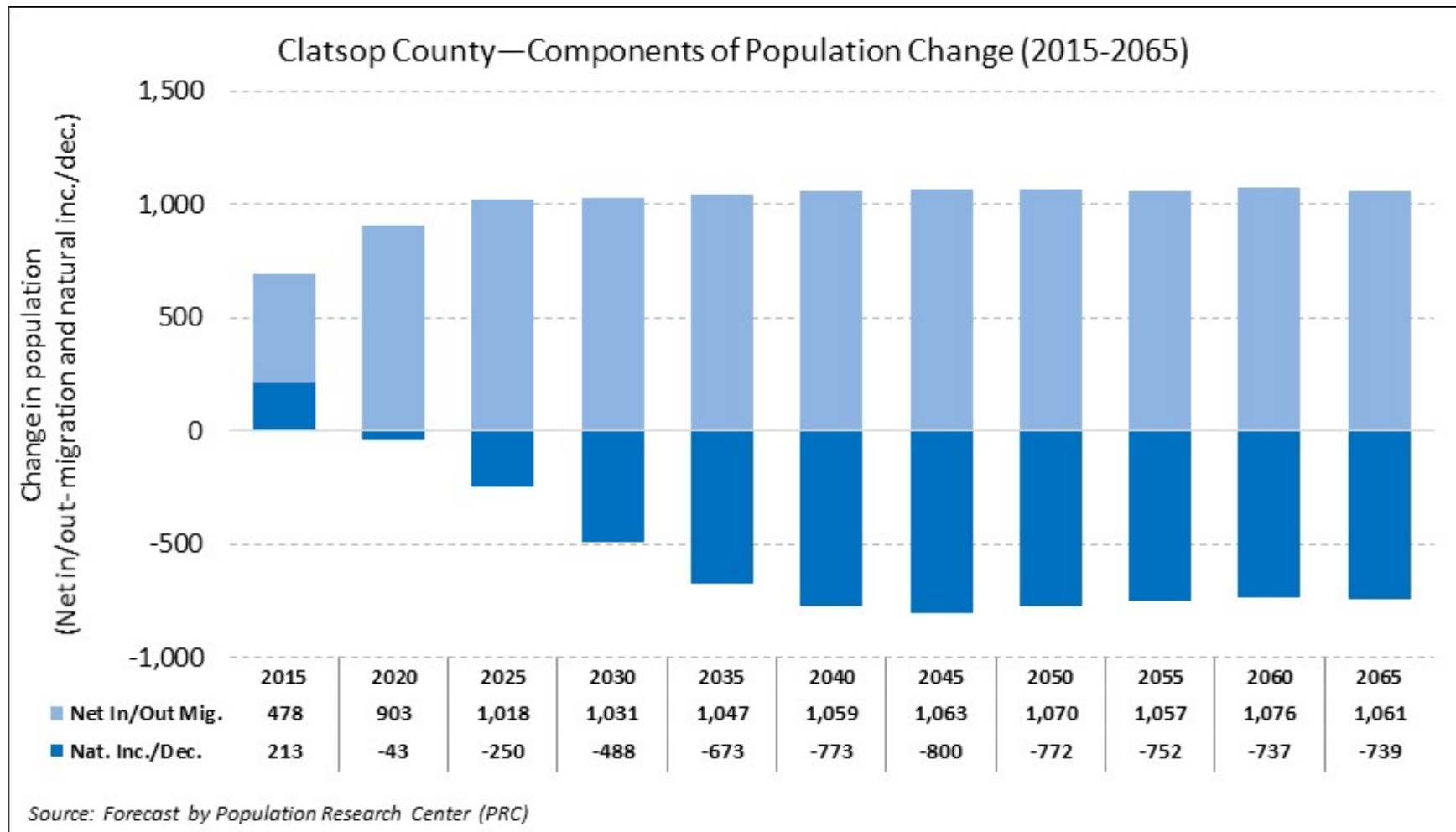
1. In general, as the economy continues to strengthen we assume an increase in net in-migration and a corresponding growth in housing construction.
  - a) Despite slowing towards the end of the last decade, recent net in-migration will accelerate in the nearer-term and then decline a bit.
  - b) Net 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 decrease but at a greater magnitude.
3. Population increases will become more dependent on net in-migration.

# Preliminary Forecast Results



These numbers represent **Preliminary** Forecast Results

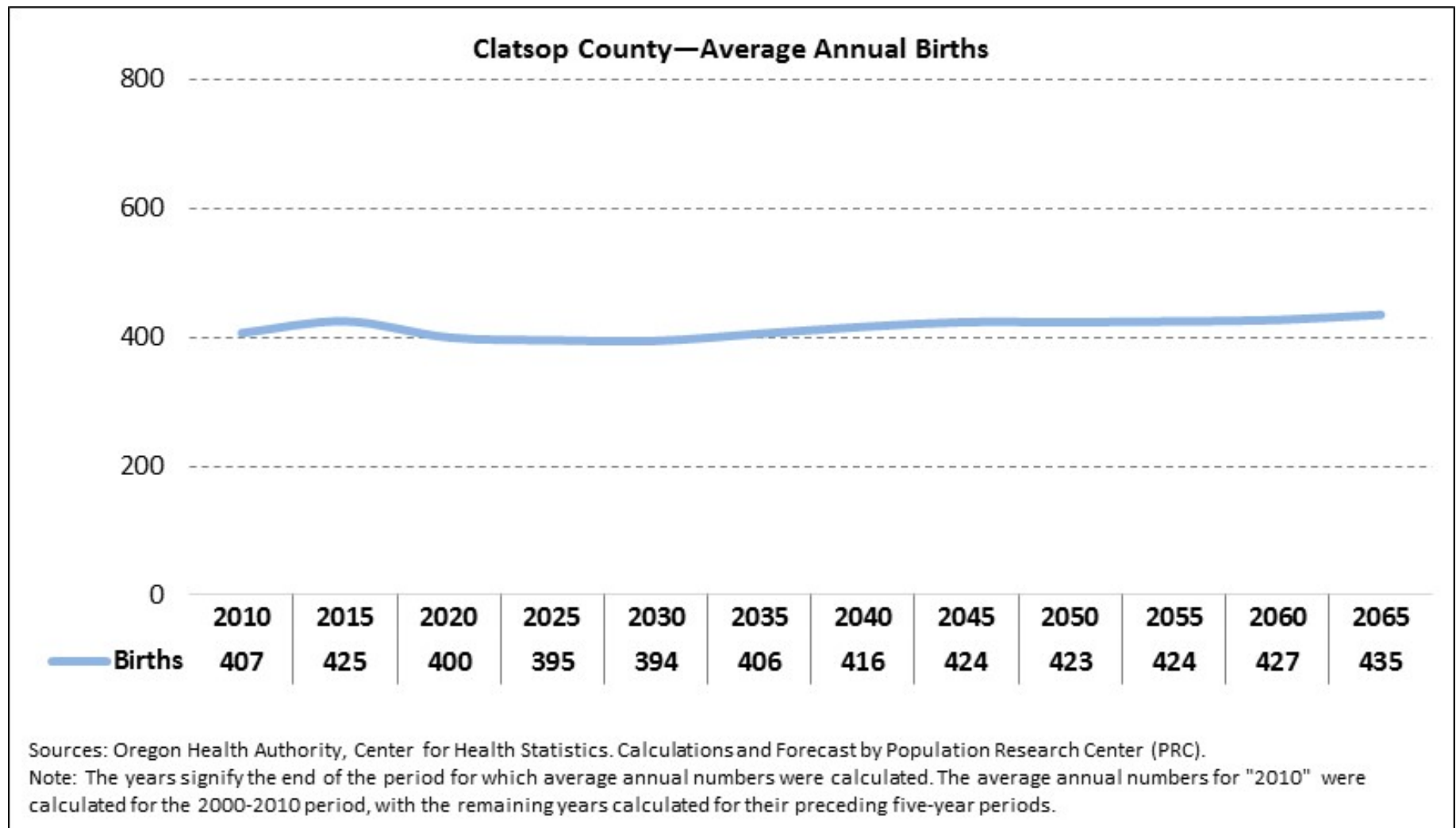
# Preliminary Forecast Results



These numbers represent **Preliminary** Forecast Results



# Historical and Forecast Trends



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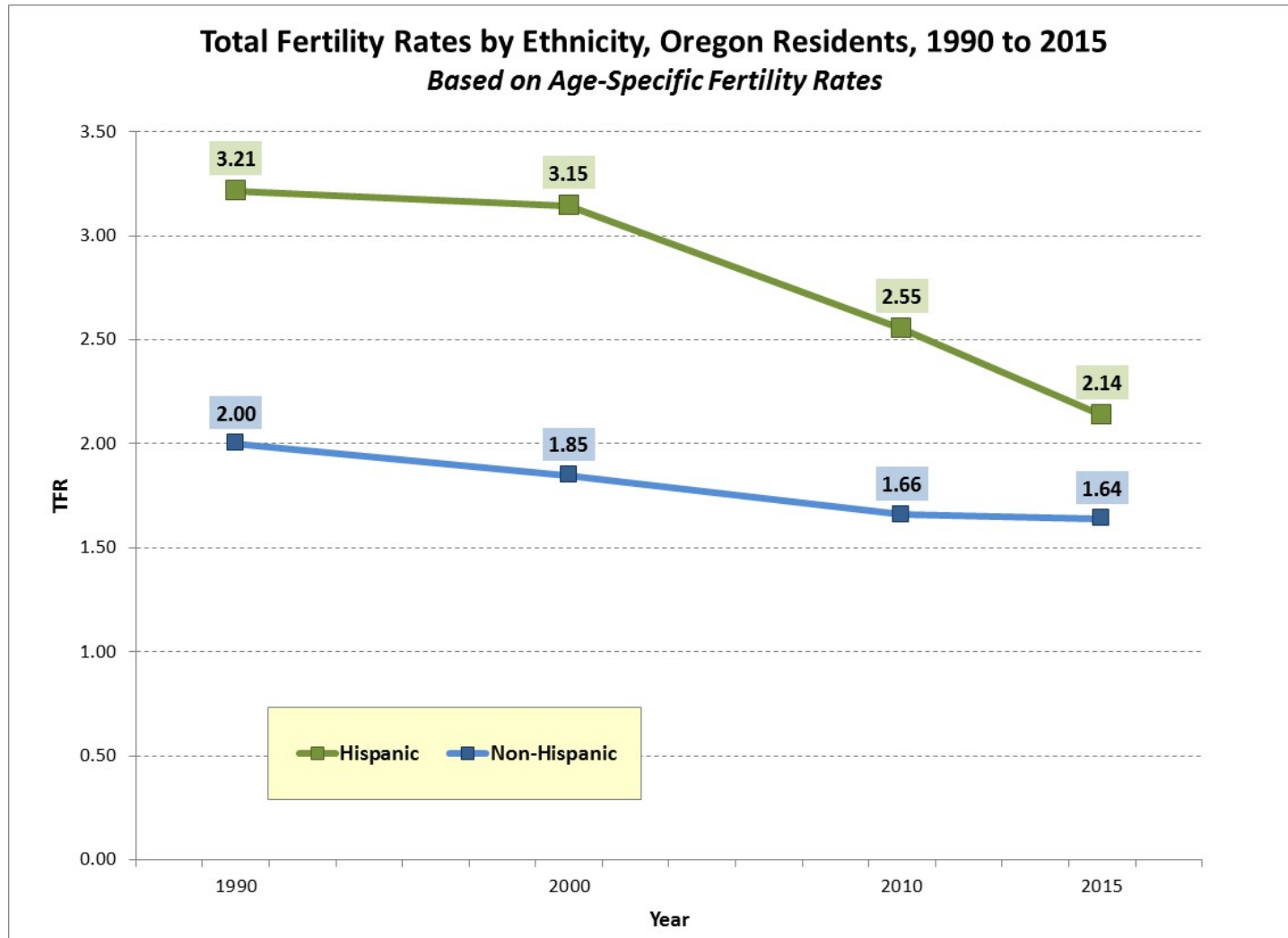
## Total Fertility Rate (TFR)

	2000	2010	2015	2035	2065
<b>Clatsop County</b>	1.90	1.99	1.90	1.95	1.91
<b>Oregon</b>	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

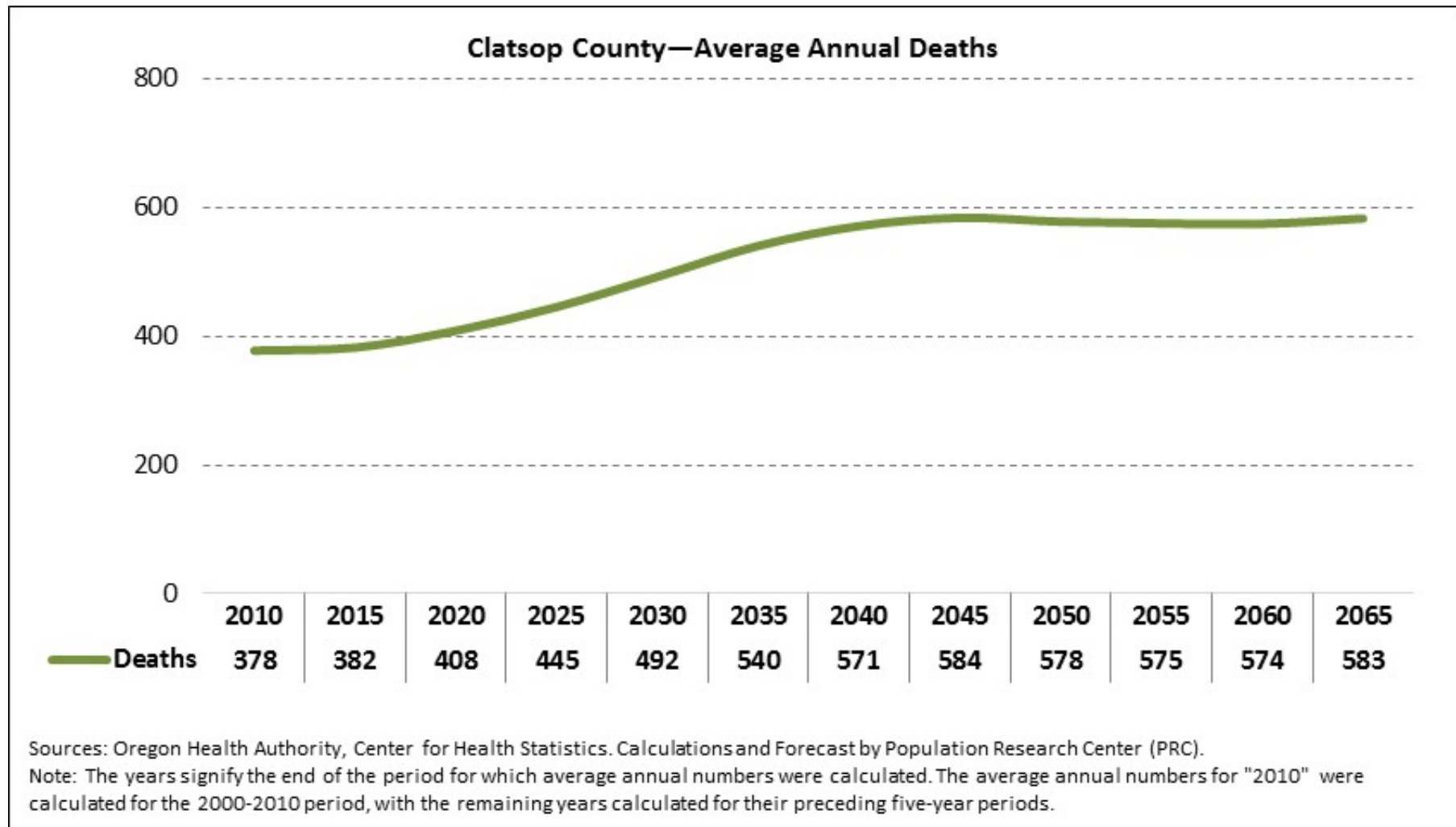


Sources: PEPAS R6H-Geography-Oregon Year-July 1, 2015 and July 1, 2010

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



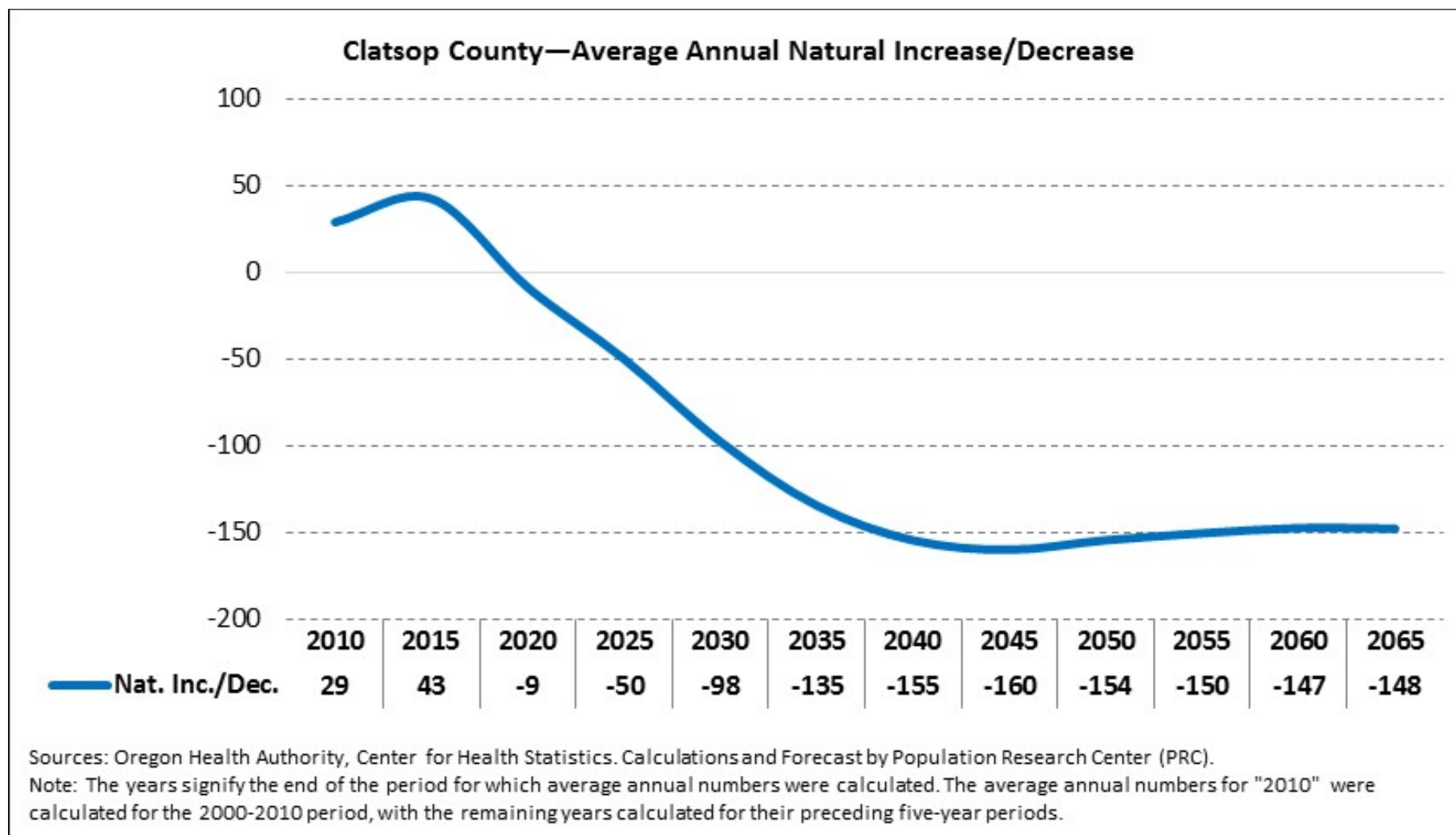
These numbers represent **Preliminary** Forecast Results

## **Life Expectancy (Years)—Total Pop**

	<b>2000</b>	<b>2010</b>	<b>2060</b>
<b>Clatsop County</b>	76.8	78.3	85.6
<b>Oregon</b>	77.9	79.6	86.9

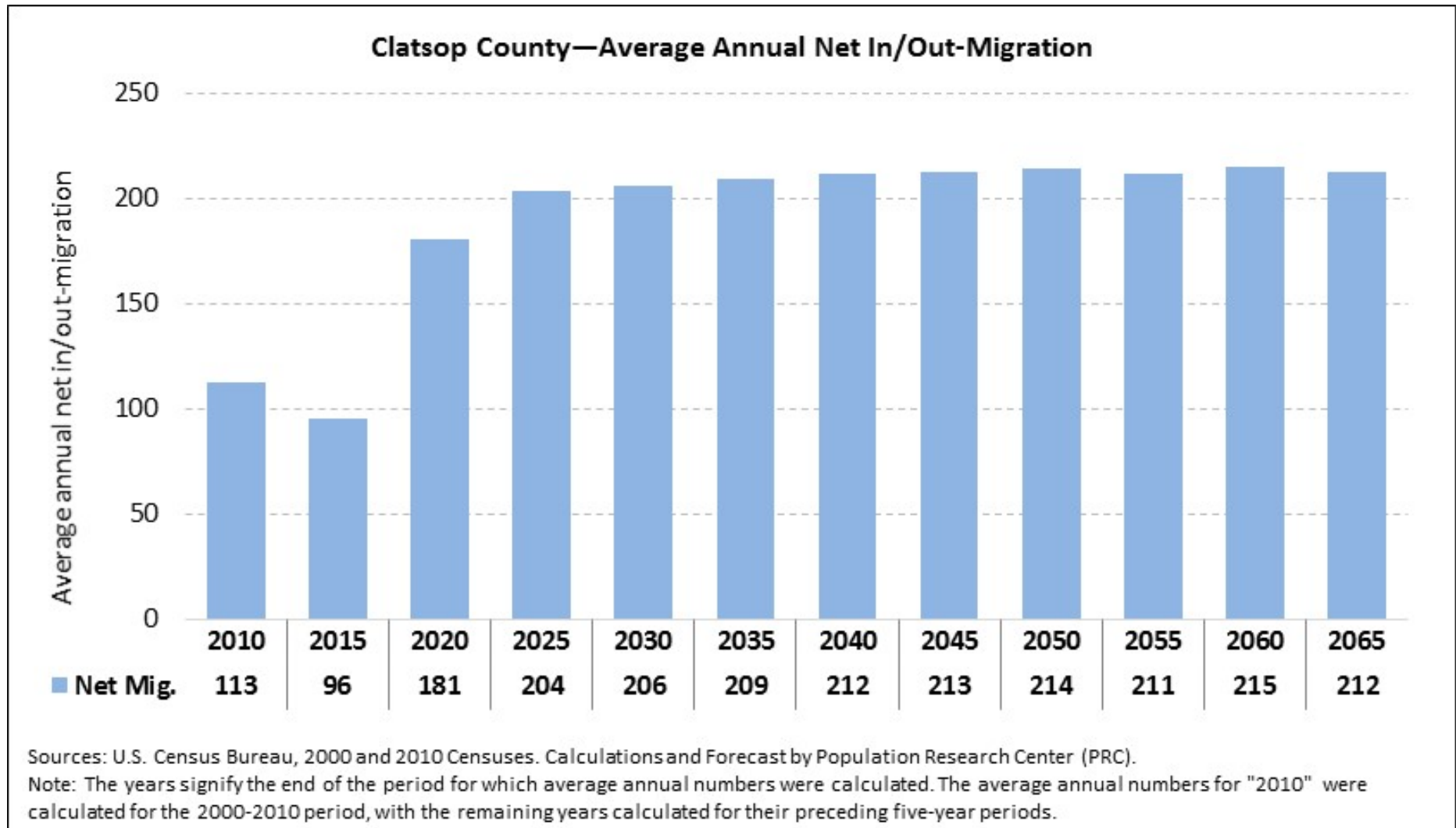
*Source: U.S. Census Bureau.*

# Historical and Forecast Trends



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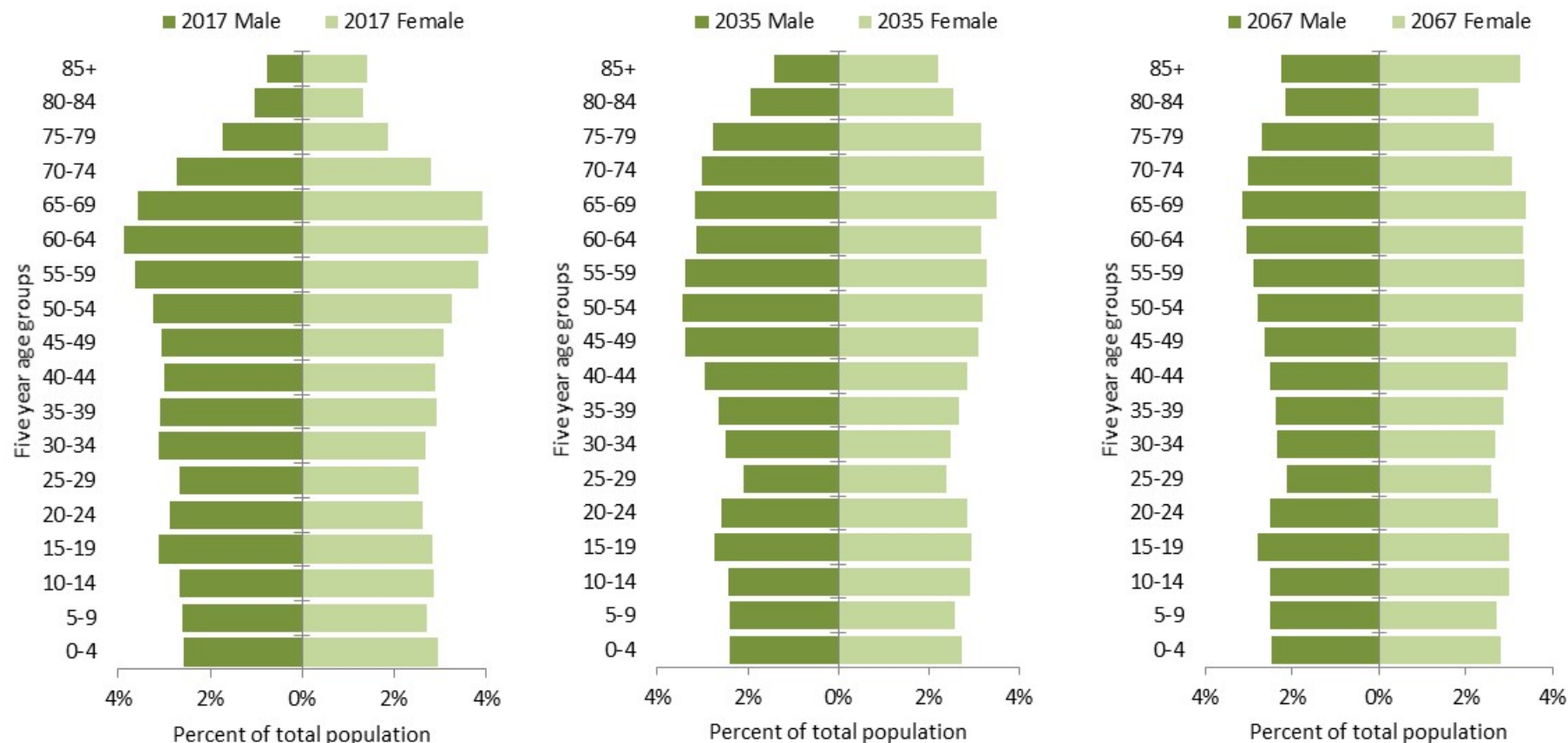
# Historical and Forecast Trends



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## Clatsop County—Age Structure of the Population

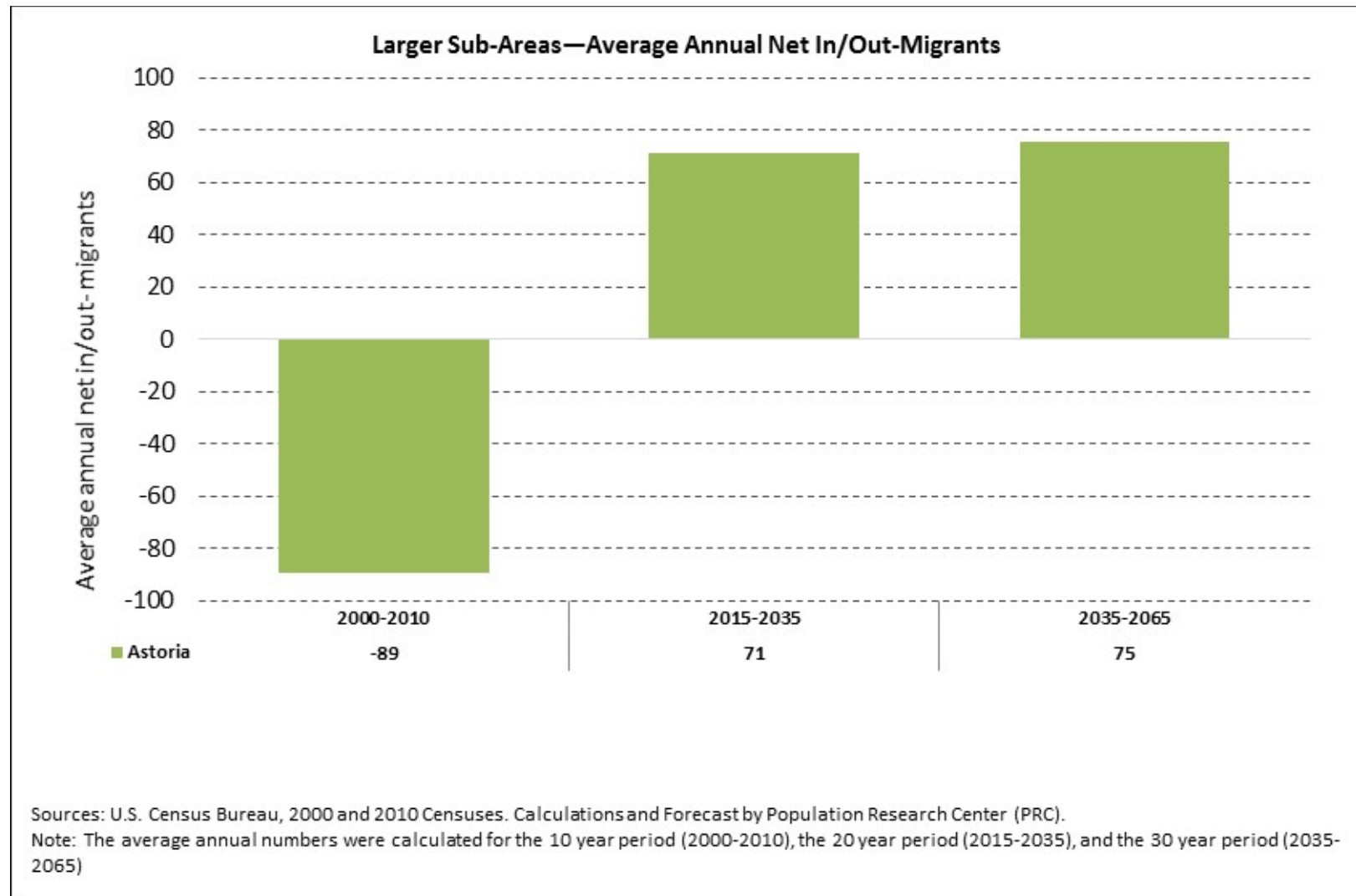


Source: Forecast by Population Research Center (PRC)

These numbers represent **Preliminary** Forecast Results



# Historical and Forecast Trends



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# Historical and Forecast Trends

**Historical and Forecast Populations for Clatsop County and its Sub-Areas**

	Historical			Forecast				
	2000	2010	AAGR (2000-2010)	2017	2035	2067	AAGR (2017-2035)	AAGR (2035-2067)
<i>Clatsop County</i>	35,630	37,039	0.4%	38,094	40,297	42,241	0.3%	0.1%
Astoria UGB	10,345	9,782	-0.6%	10,067	10,665	10,432	0.3%	-0.1%
Cannon Beach UGB	1,603	1,693	0.5%	1,731	1,886	2,112	0.5%	0.4%
Gearhart UGB	1,318	1,508	1.4%	1,550	1,752	1,818	0.7%	0.1%
Seaside UGB	6,095	6,657	0.9%	6,874	7,885	8,572	0.8%	0.3%
Warrenton UGB	4,105	5,022	2.0%	5,374	7,031	9,122	1.5%	0.8%
Outside UGBs	12,164	12,377	0.2%	12,498	11,079	10,186	-0.7%	-0.3%

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

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
<i>Clatsop County</i>	38,094	40,297	42,241	0.3%	0.1%	100.0%	100.0%	100.0%
Astoria UGB	10,067	10,665	10,432	0.3%	-0.1%	26.4%	26.5%	24.7%
Outside UGBs	12,498	11,079	10,186	-0.7%	-0.3%	32.8%	27.5%	24.1%
Smaller UGBs	15,529	18,553	21,624	1.0%	0.5%	40.8%	46.0%	51.2%

Source: Forecast by Population Research Center (PRC)

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

## 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 change 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>Clatsop County</i>	38,094	40,297	42,241	0.3%	0.1%	100.0%	100.0%	100.0%
Cannon Beach UGB	1,731	1,886	2,112	0.5%	0.4%	4.5%	4.7%	5.0%
Gearhart UGB	1,550	1,752	1,818	0.7%	0.1%	4.1%	4.3%	4.3%
Seaside UGB	6,874	7,885	8,572	0.8%	0.3%	18.0%	19.6%	20.3%
Warrenton UGB	5,374	7,031	9,122	1.5%	0.8%	14.1%	17.4%	21.6%
Outside UGBs	12,498	11,079	10,186	-0.7%	-0.3%	32.8%	27.5%	24.1%
Larger UGBs	10,067	10,665	10,432	0.3%	-0.1%	26.4%	26.5%	24.7%

Source: Forecast by Population Research Center (PRC)

Note: Larger UGBs are those with populations equal to or greater than 7,000 in forecast launch year.

# Local Input and Additional Information

- Questions?
- Discussion time