

# Oregon Population Forecast Program

## Regional Forecast Meeting – March 10, 2017

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

# Oregon Population Forecast Program Project Team

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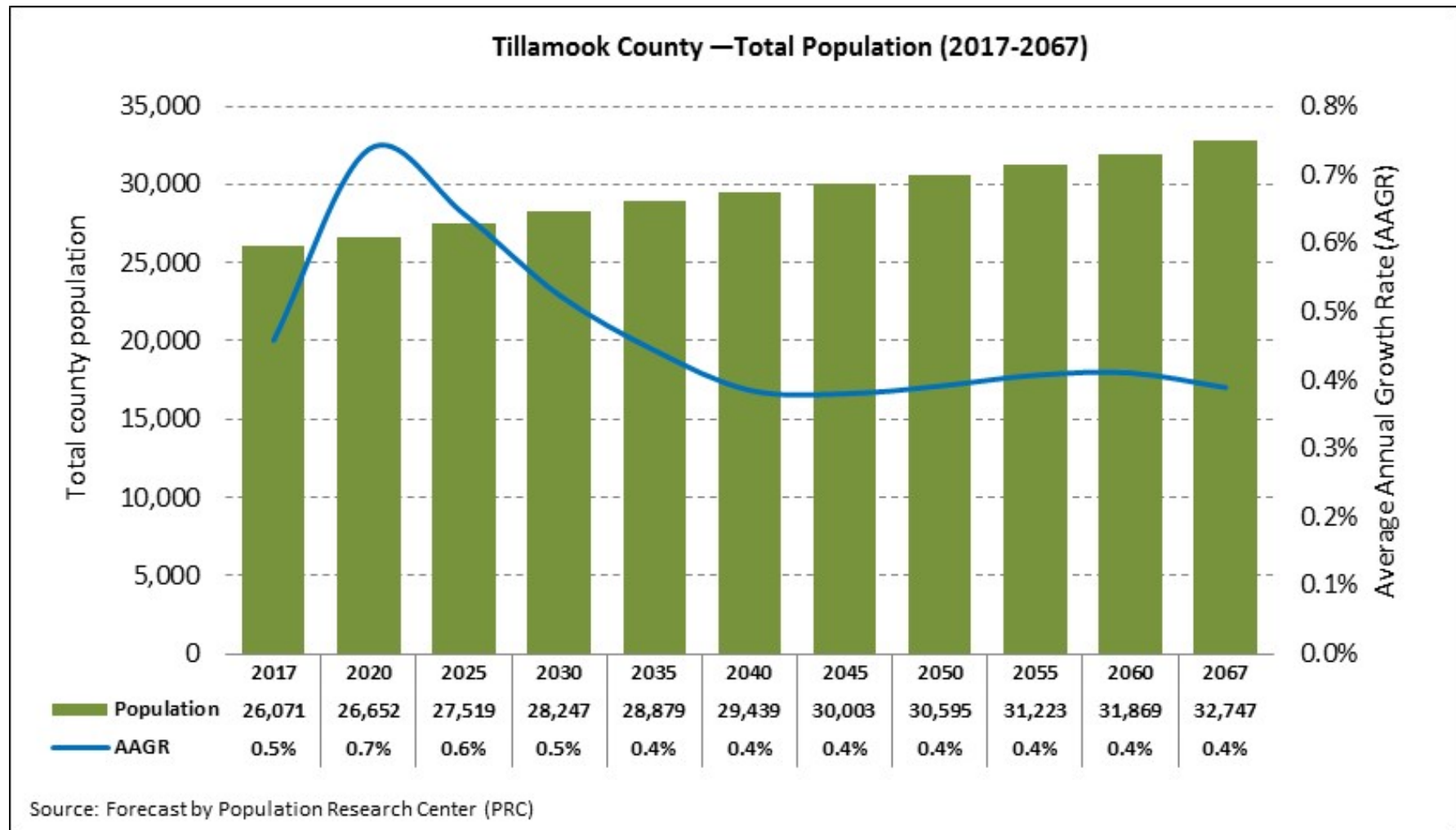
# Agenda

- 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

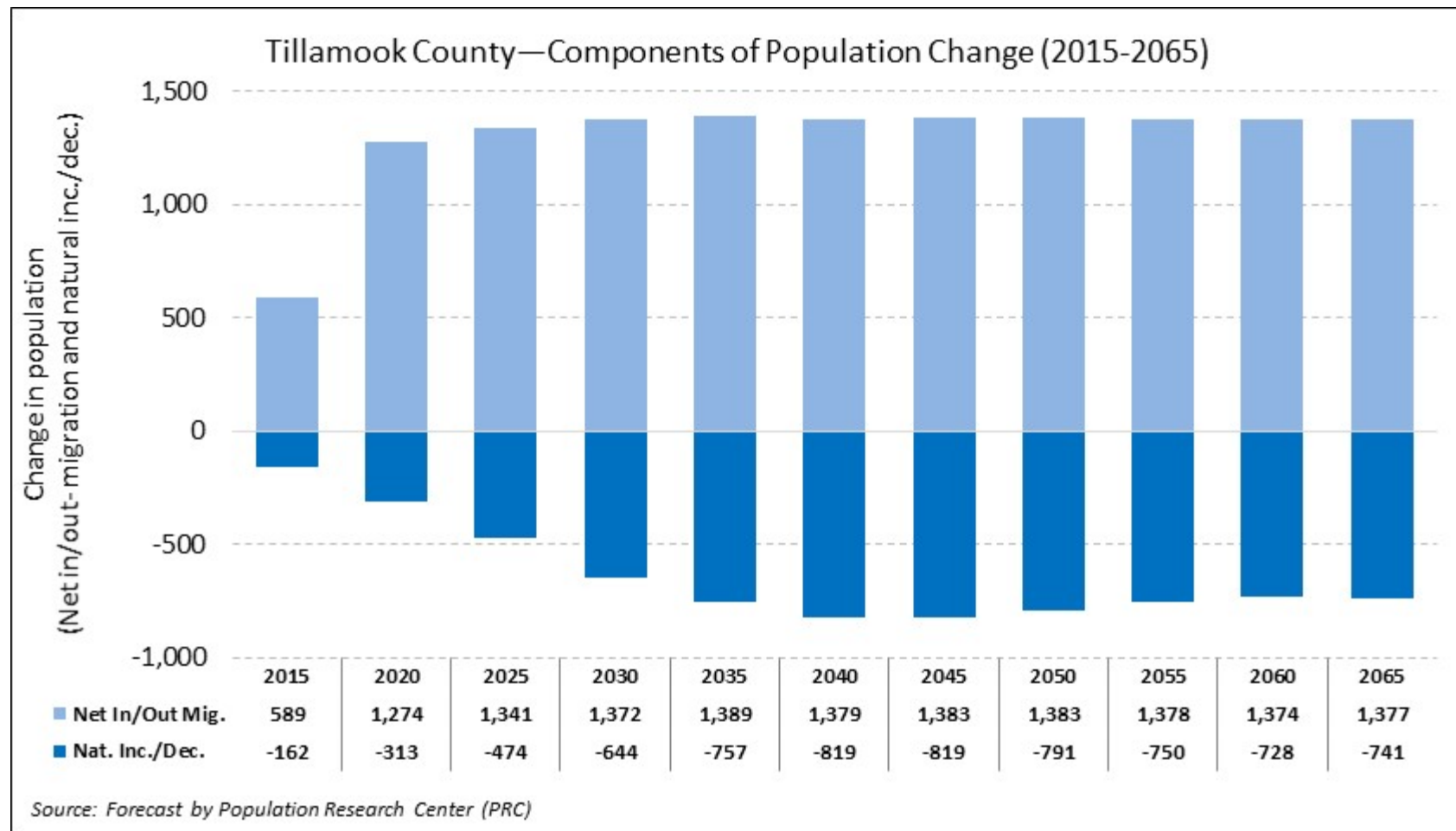
1. In general, as the economy continues to strengthen we assume an increase in net in-migration and a corresponding growth in housing construction.
  - a) Despite net in-migration slowing at end of the last decade, recent net in-migration will accelerate in the nearer-term and then decline a bit.
  - 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

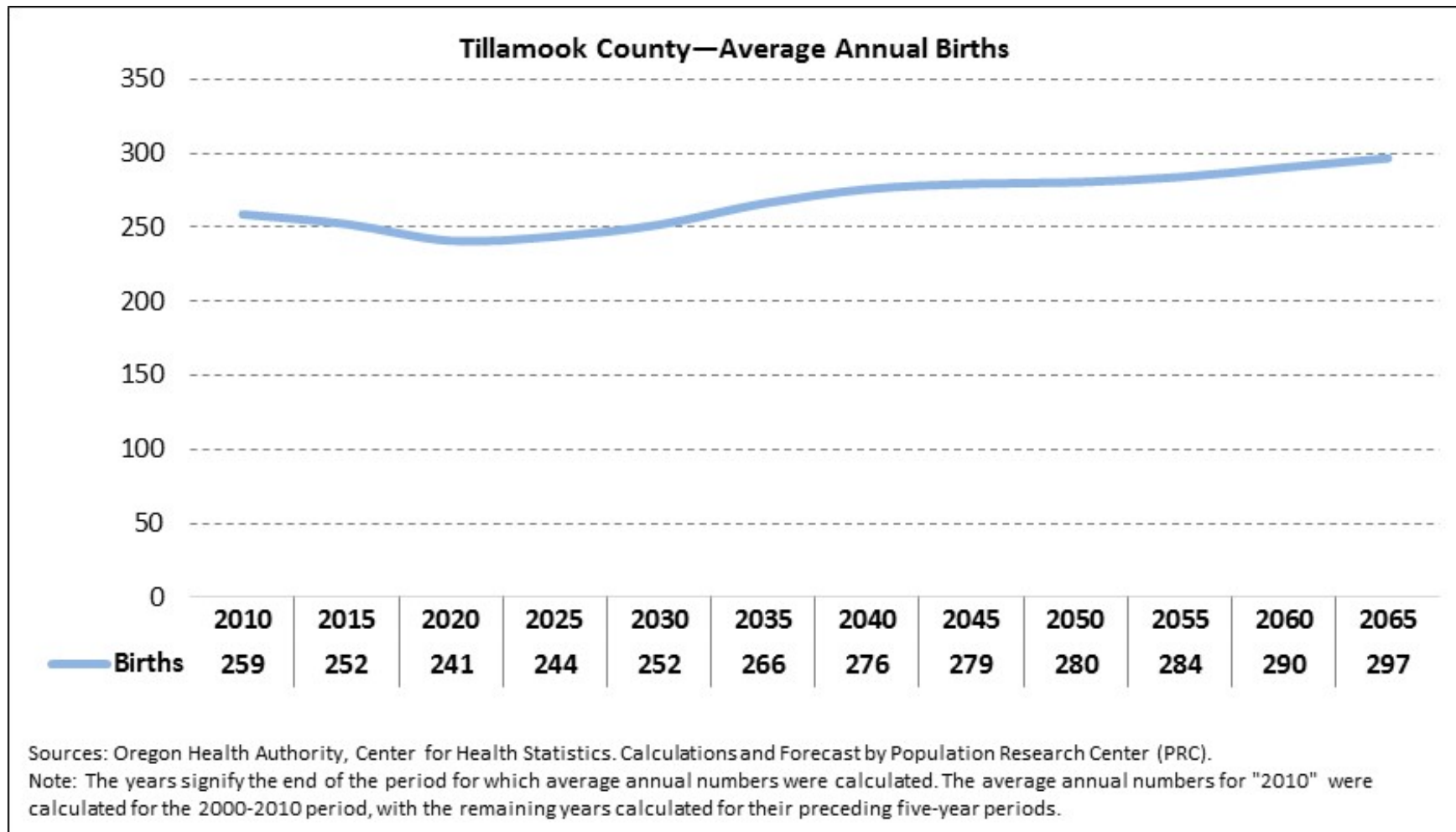
# Preliminary Forecast Results



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# Historical and Forecast Trends



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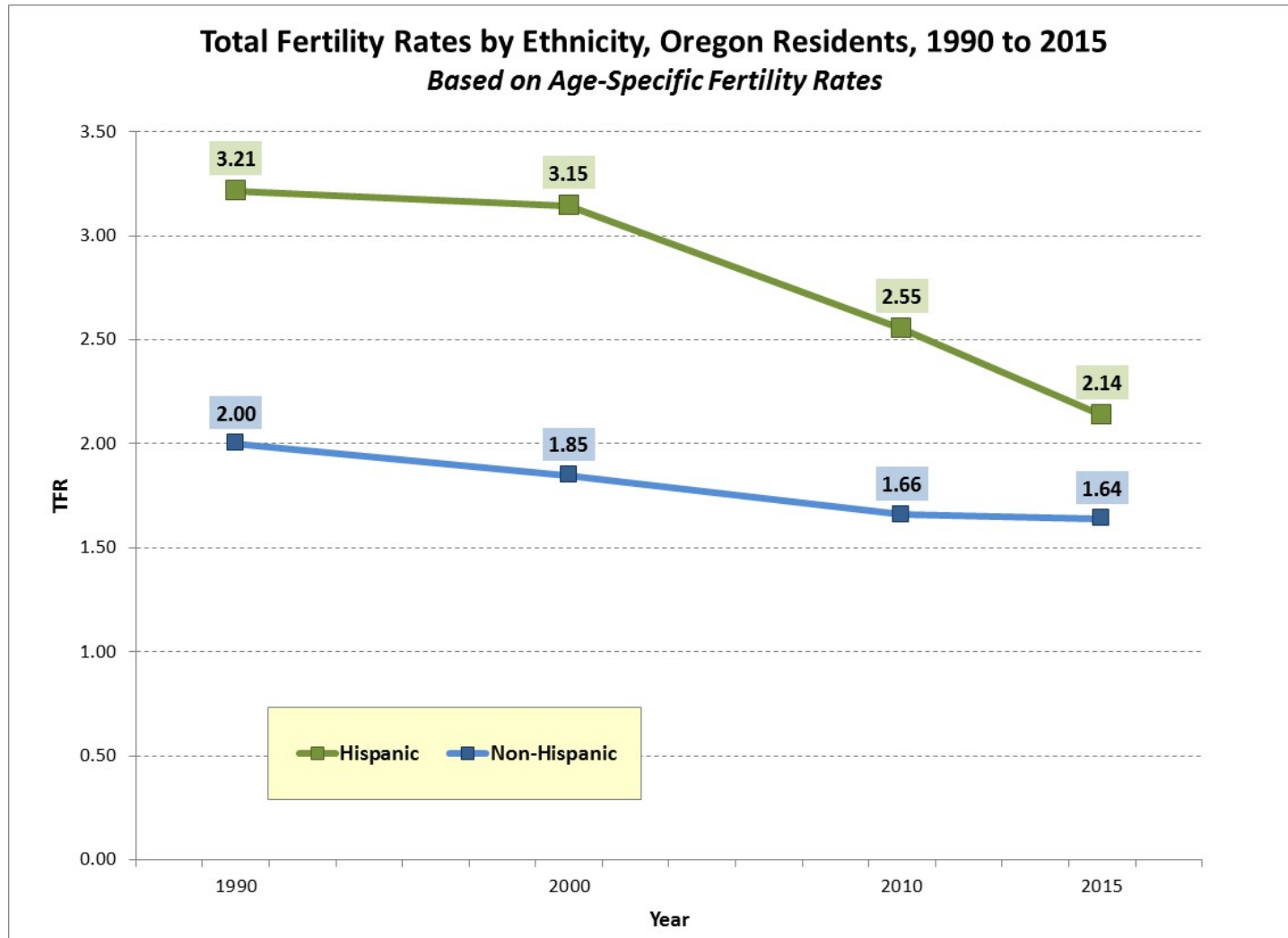
## Total Fertility Rate (TFR)

	2000	2010	2015	2035	2065
<b>Tillamook County</b>	2.23	2.14	1.97	2.10	2.04
<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

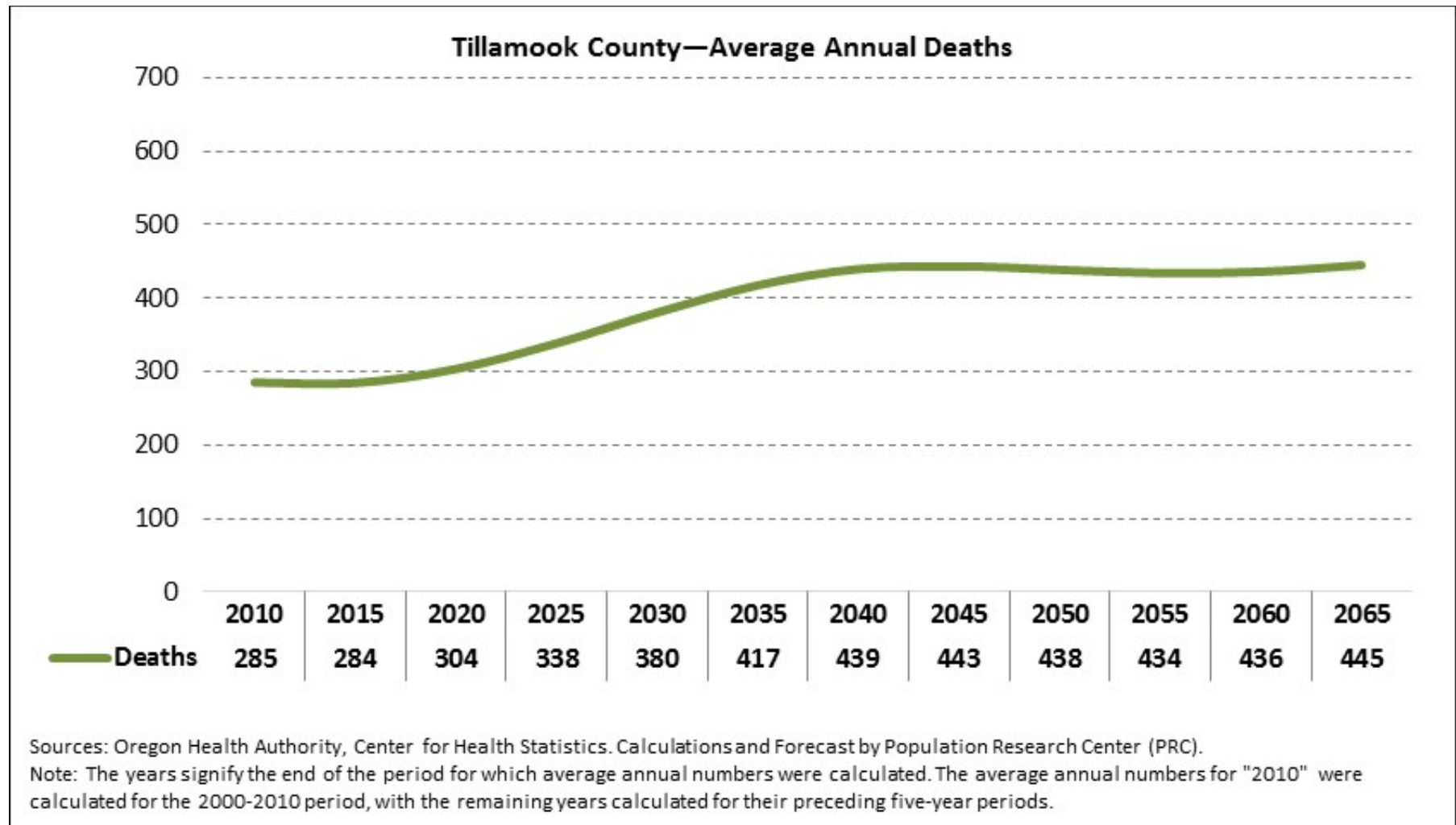


Sources: PEPAS R6H-Geography-Oregon Year-July 1, 2015 and July 1, 2010

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



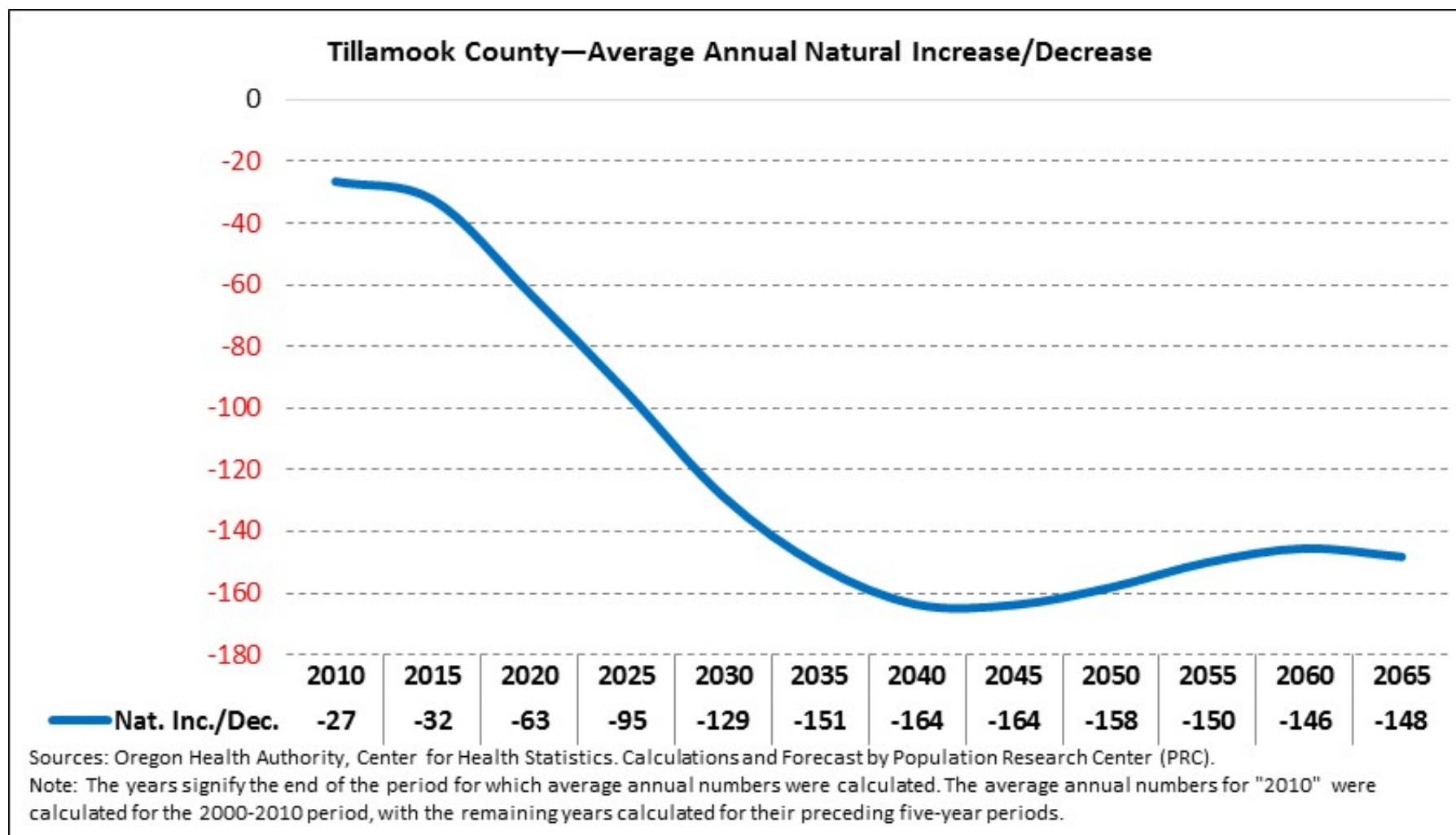
These numbers represent **Preliminary** Forecast Results

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

	<b>2000</b>	<b>2010</b>	<b>2060</b>
<b>Tillamook County</b>	78.8	79.1	86.5
<b>Oregon</b>	77.9	79.6	86.9

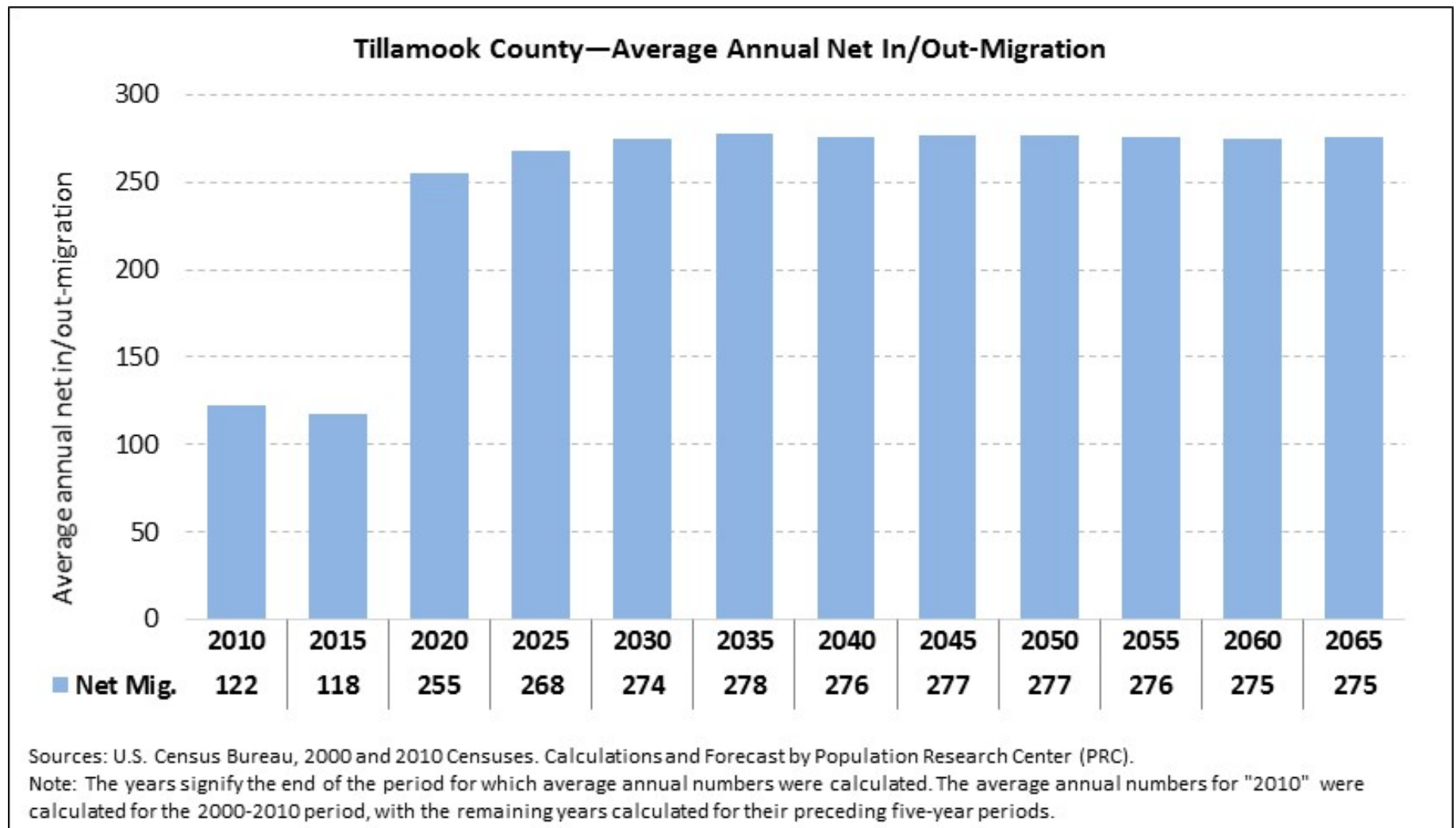
*Source: U.S. Census Bureau.*

# Historical and Forecast Trends



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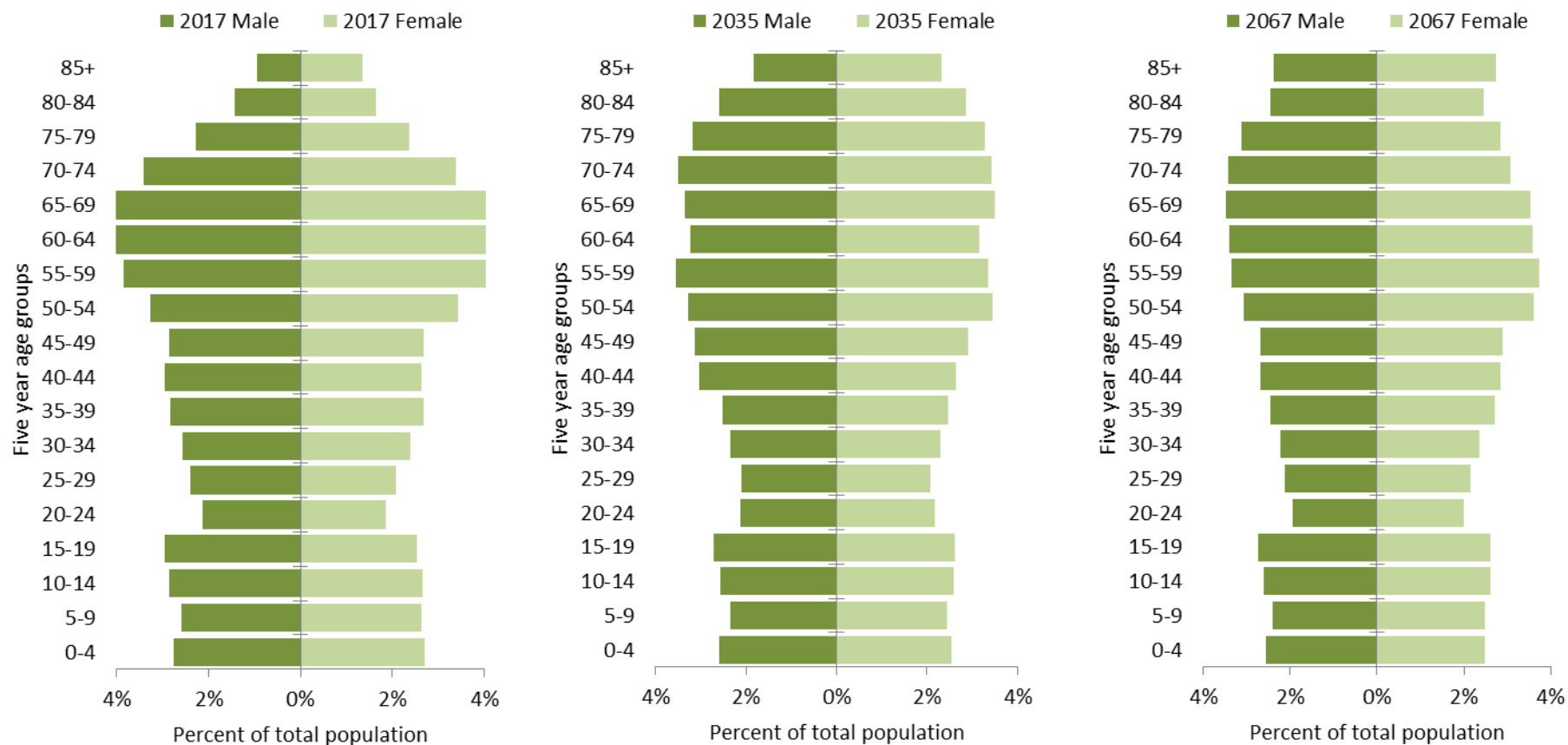
# Historical and Forecast Trends



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## Tillamook 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 Tillamook County and its Sub-Areas**

	Historical			Forecast				
	2000	2010	AAGR (2000-2010)	2017	2035	2067	AAGR (2017-2035)	AAGR (2035-2067)
<i>Tillamook County</i>	24,262	25,250	0.4%	26,071	28,879	32,747	0.6%	0.4%
Bay City UGB	1,209	1,358	1.2%	1,418	1,727	2,174	1.1%	0.7%
Garibaldi UGB	915	783	-1.5%	795	863	967	0.5%	0.4%
Manzanita UGB	712	827	1.5%	884	1,156	1,567	1.5%	1.0%
Nehalem UGB	873	1,120	2.5%	1,247	1,687	2,176	1.7%	0.8%
Rockaway Beach UGB	1,475	1,510	0.2%	1,565	1,814	2,208	0.8%	0.6%
Tillamook UGB	5,226	5,605	0.7%	5,570	6,311	7,110	0.7%	0.4%
Wheeler UGB	391	420	0.7%	409	474	539	0.8%	0.4%
Outside UGBs	13,461	13,627	0.1%	14,184	14,846	16,006	0.3%	0.2%

*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>Tillamook County</i>	26,071	28,879	32,747	0.6%	0.4%	100.0%	100.0%	100.0%
Smaller UGBs	11,887	14,032	16,741	0.9%	0.6%	45.6%	48.6%	51.1%
Tillamook Outside UGBs	14,184	14,846	16,006	0.3%	0.2%	54.4%	51.4%	48.9%

*Source: Forecast by Population Research Center (PRC)*

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

*Note: Only smaller UGBs in Tillamook County*

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>Tillamook County</i>	26,071	28,879	32,747	0.6%	0.4%	100.0%	100.0%	100.0%
Bay City UGB	1,418	1,727	2,174	1.1%	0.7%	5.4%	6.0%	6.6%
Garibaldi UGB	795	863	967	0.5%	0.4%	3.0%	3.0%	3.0%
Manzanita UGB	884	1,156	1,567	1.5%	1.0%	3.4%	4.0%	4.8%
Nehalem UGB	1,247	1,687	2,176	1.7%	0.8%	4.8%	5.8%	6.6%
Rockaway Beach UGB	1,565	1,814	2,208	0.8%	0.6%	6.0%	6.3%	6.7%
Tillamook UGB	5,570	6,311	7,110	0.7%	0.4%	21.4%	21.9%	21.7%
Wheeler UGB	409	474	539	0.8%	0.4%	1.6%	1.6%	1.6%
Tillamook Outside UGBs	14,184	14,846	16,006	0.3%	0.2%	54.4%	51.4%	48.9%

*Source: Forecast by Population Research Center (PRC)*

*Note: Only smaller UGBs in Tillamook County*

These numbers represent **Preliminary** Forecast Results

# Local Input and Additional Information

- Questions?
- Discussion time