

Oregon Population Forecast Program

Regional Forecast Meeting – March 16, 2017

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

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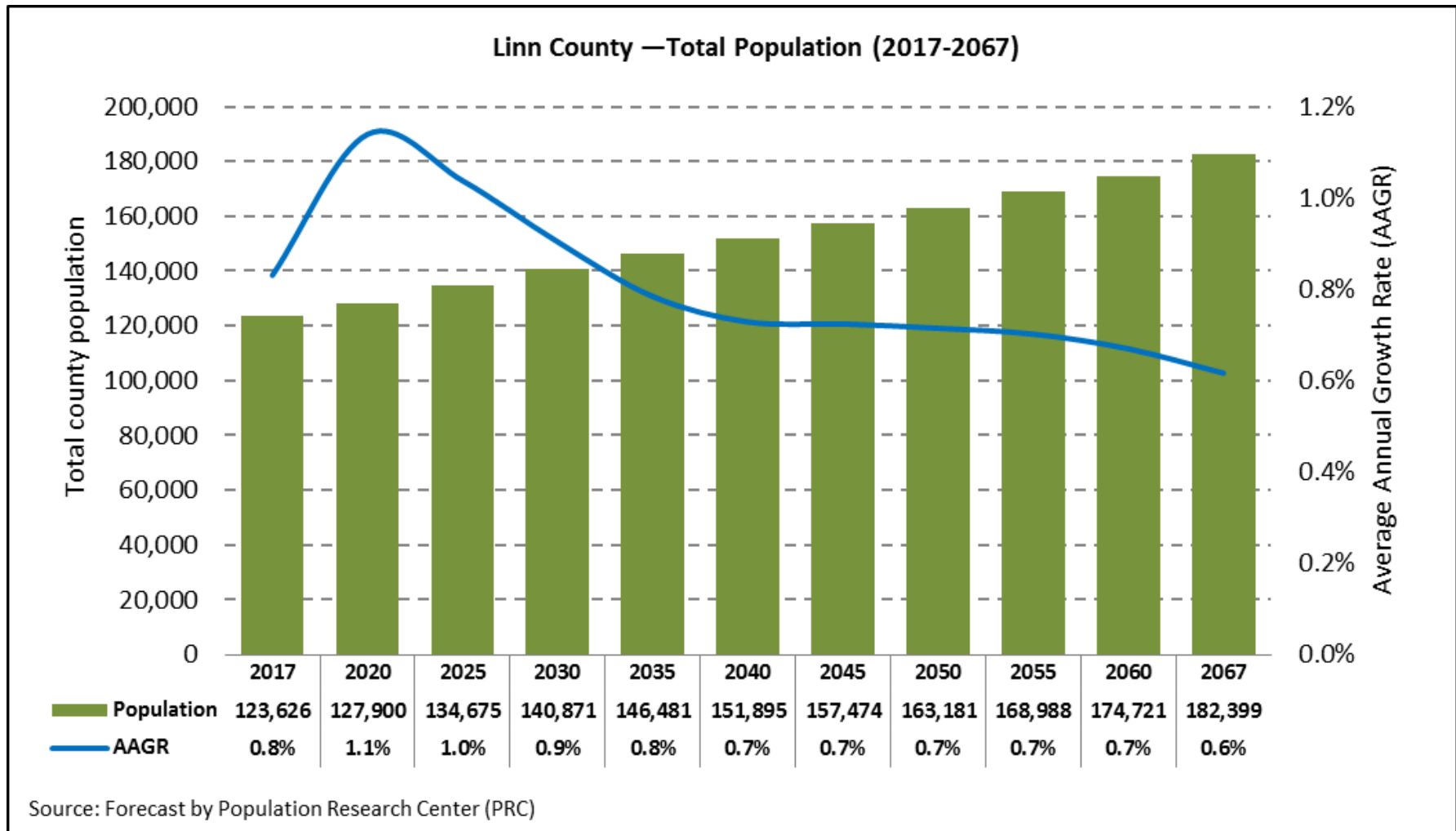
Agenda

- 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

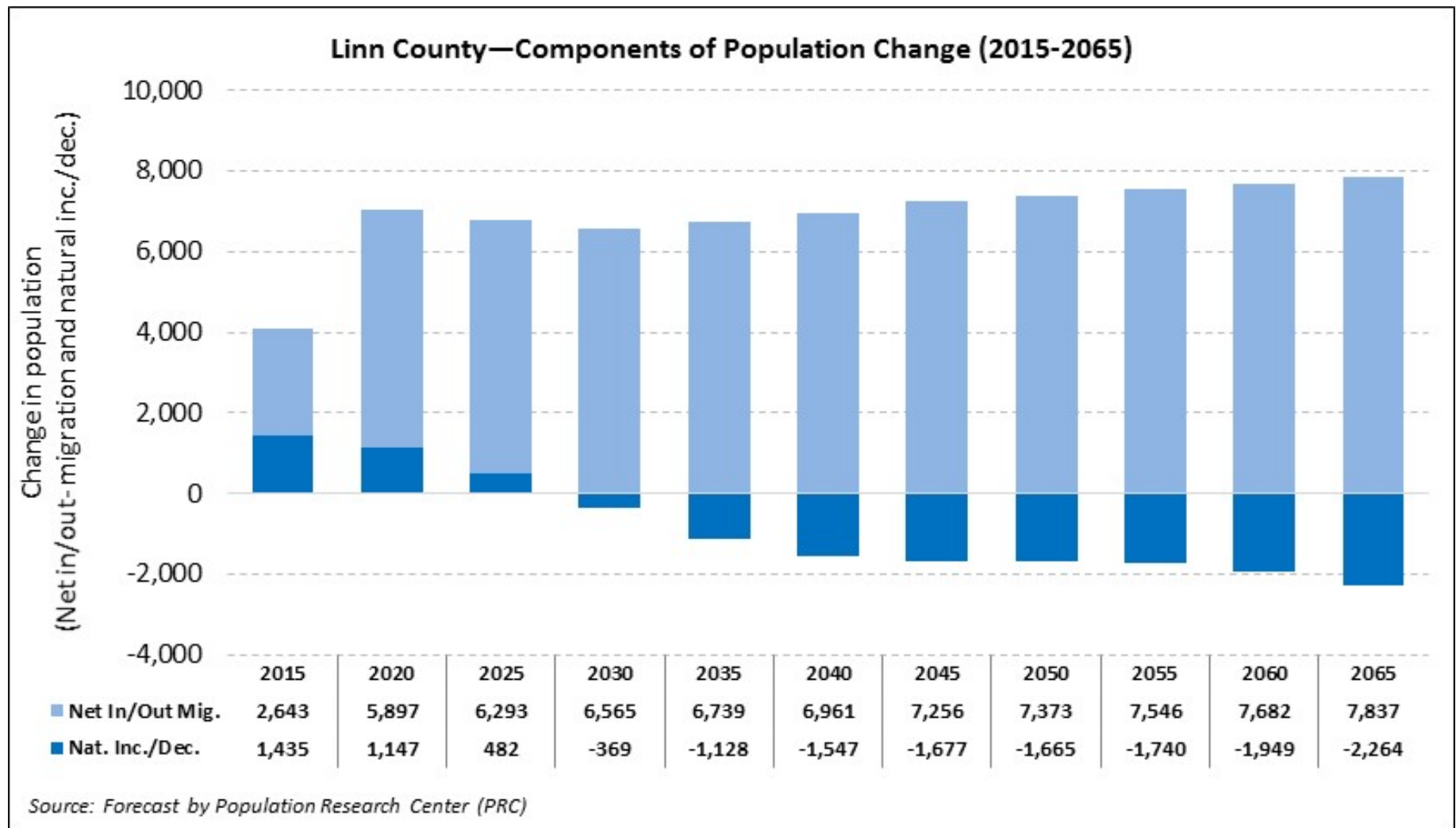
1. In general, as the economy continues to strengthen we assume an increase in net in-migration and a corresponding growth in housing construction.
 - a) Despite net in-migration slowing at the end of the 2000s, recent net in-migration will accelerate in the nearer-term and then stabilize.
 - b) Net 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 experience natural decrease at a growing magnitude.
3. Population increases will become more dependent on net in-migration.

Preliminary Forecast Results



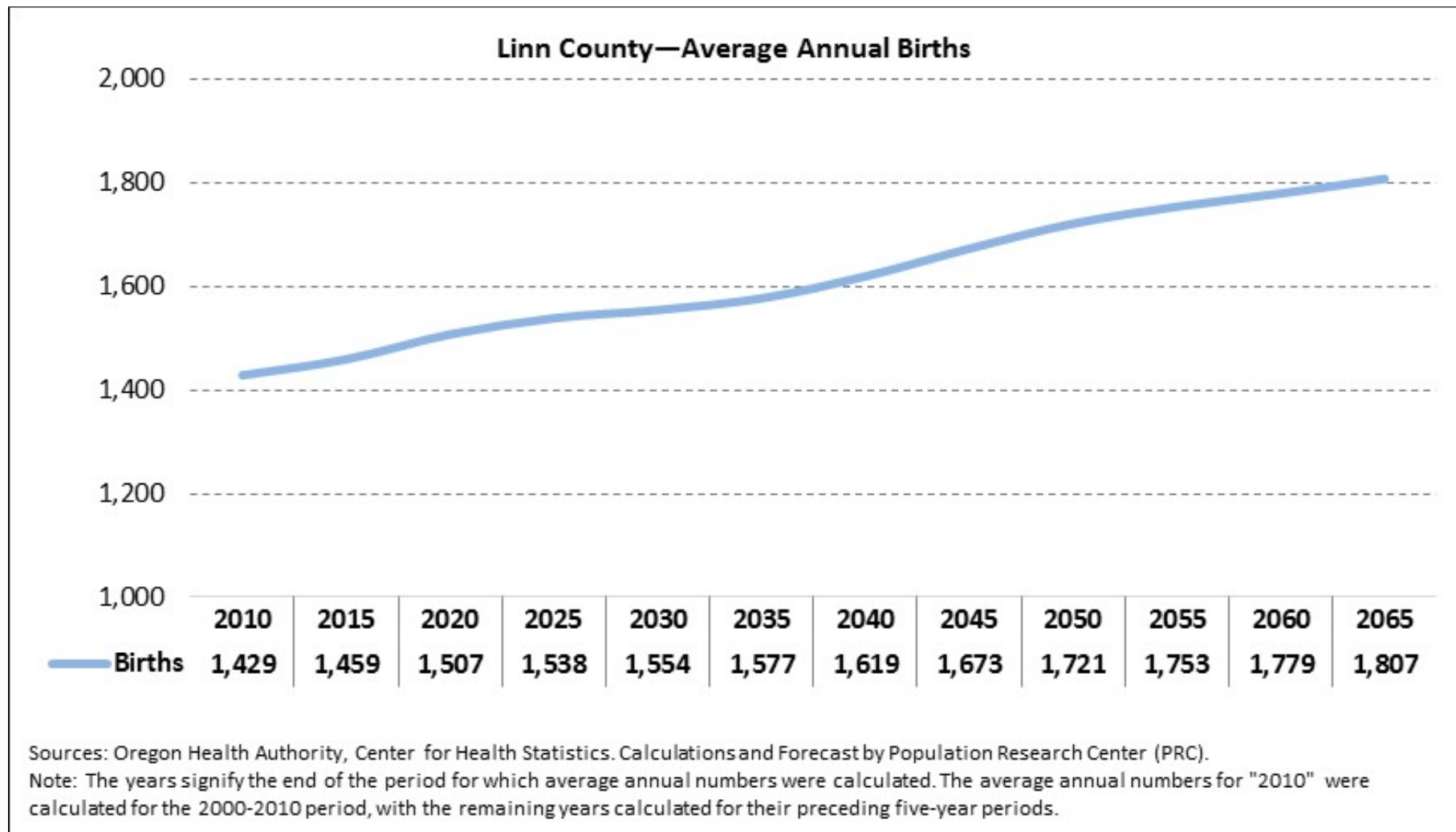
These numbers represent **Preliminary** Forecast Results

Preliminary Forecast Results



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Historical and Forecast Trends



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Additional Historical Trends

Linn County—Hispanic or Latino and Race (2000 and 2010)

Hispanic or Latino and Race	2000		2010		Absolute Change	Relative Change
<i>Total population</i>	103,069	100.0%	116,672	100.0%	13,603	13.2%
Hispanic or Latino	4,514	4.4%	9,127	7.8%	4,613	102.2%
Not Hispanic or Latino	98,555	95.6%	107,545	92.2%	8,990	9.1%
White alone	94,012	91.2%	101,579	87.1%	7,567	8.0%
Black or African American alone	285	0.3%	456	0.4%	171	60.0%
American Indian and Alaska Native alone	1,192	1.2%	1,268	1.1%	76	6.4%
Asian alone	789	0.8%	1,078	0.9%	289	36.6%
Native Hawaiian and Other Pacific Islander alone	125	0.1%	150	0.1%	25	20.0%
Some Other Race alone	92	0.1%	126	0.1%	34	37.0%
Two or More Races	2,060	2.0%	2,888	2.5%	828	40.2%

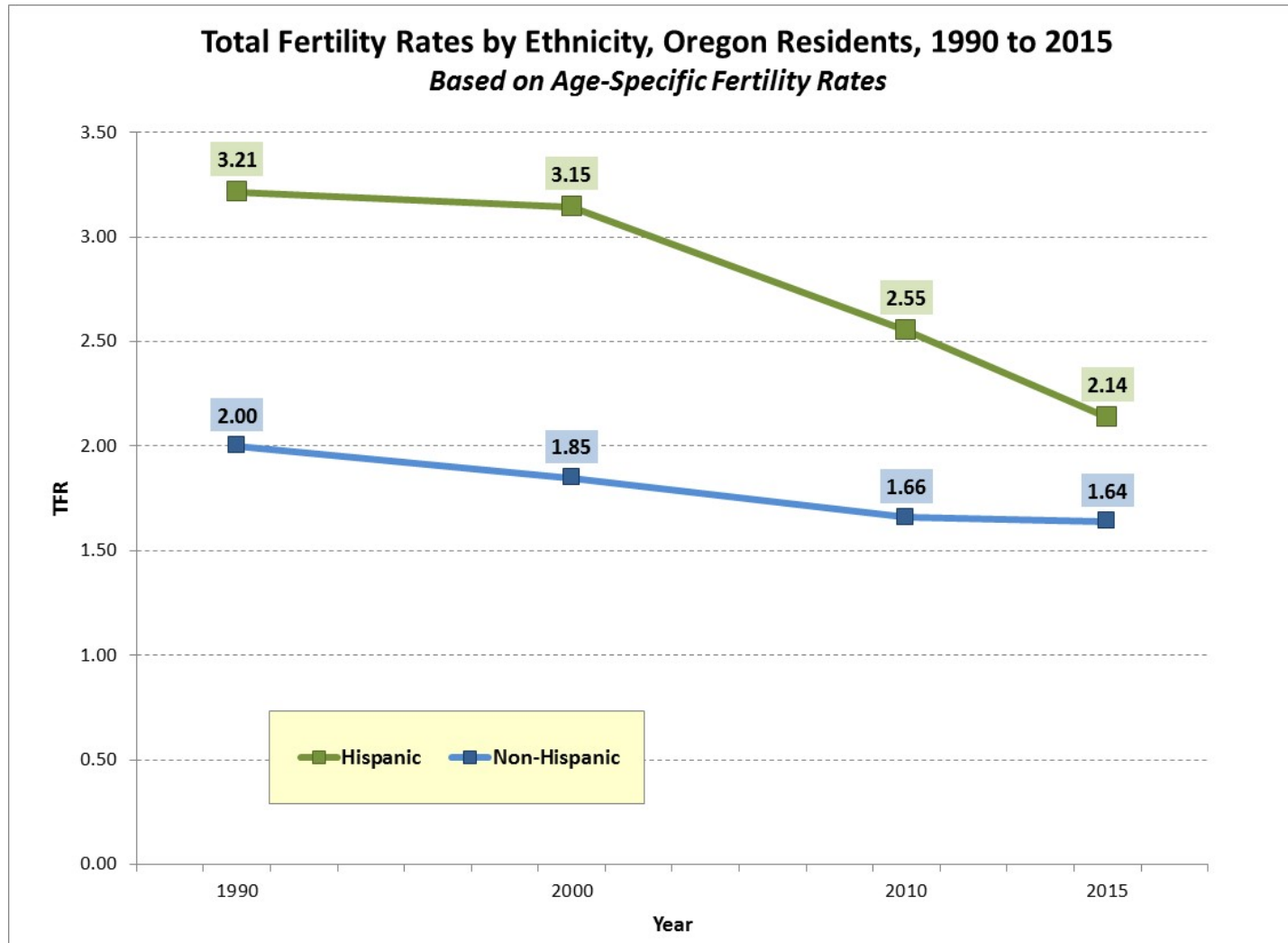
Sources: U.S. Census Bureau, 2000 and 2010 Censuses.

Total Fertility Rate (TFR)

	2000	2010	2015	2035	2065
Linn County	2.24	2.04	2.01	2.01	1.95
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

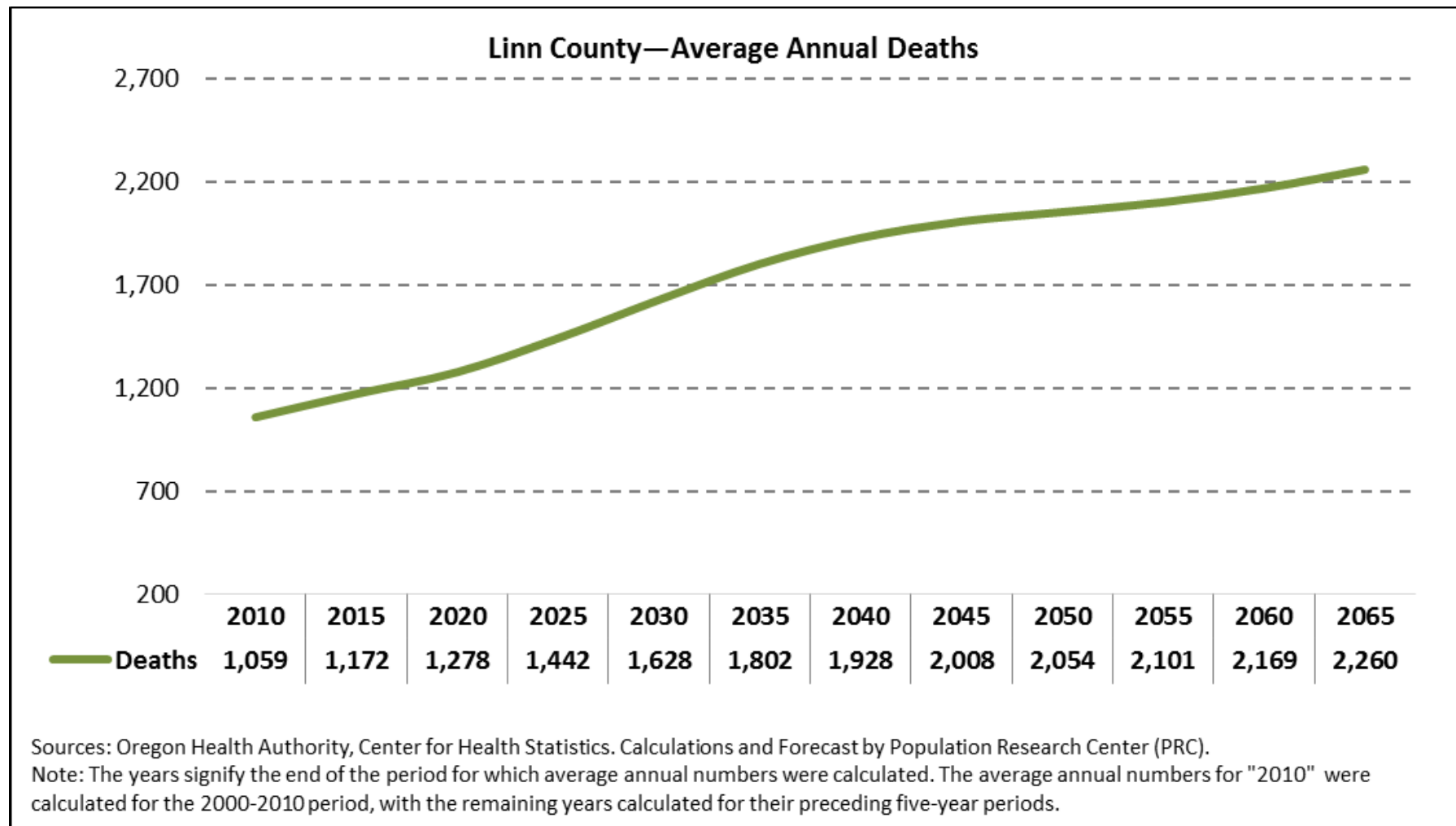


Sources: PEPAS R6H-Geography-Oregon Year-July 1, 2015 and July 1, 2010

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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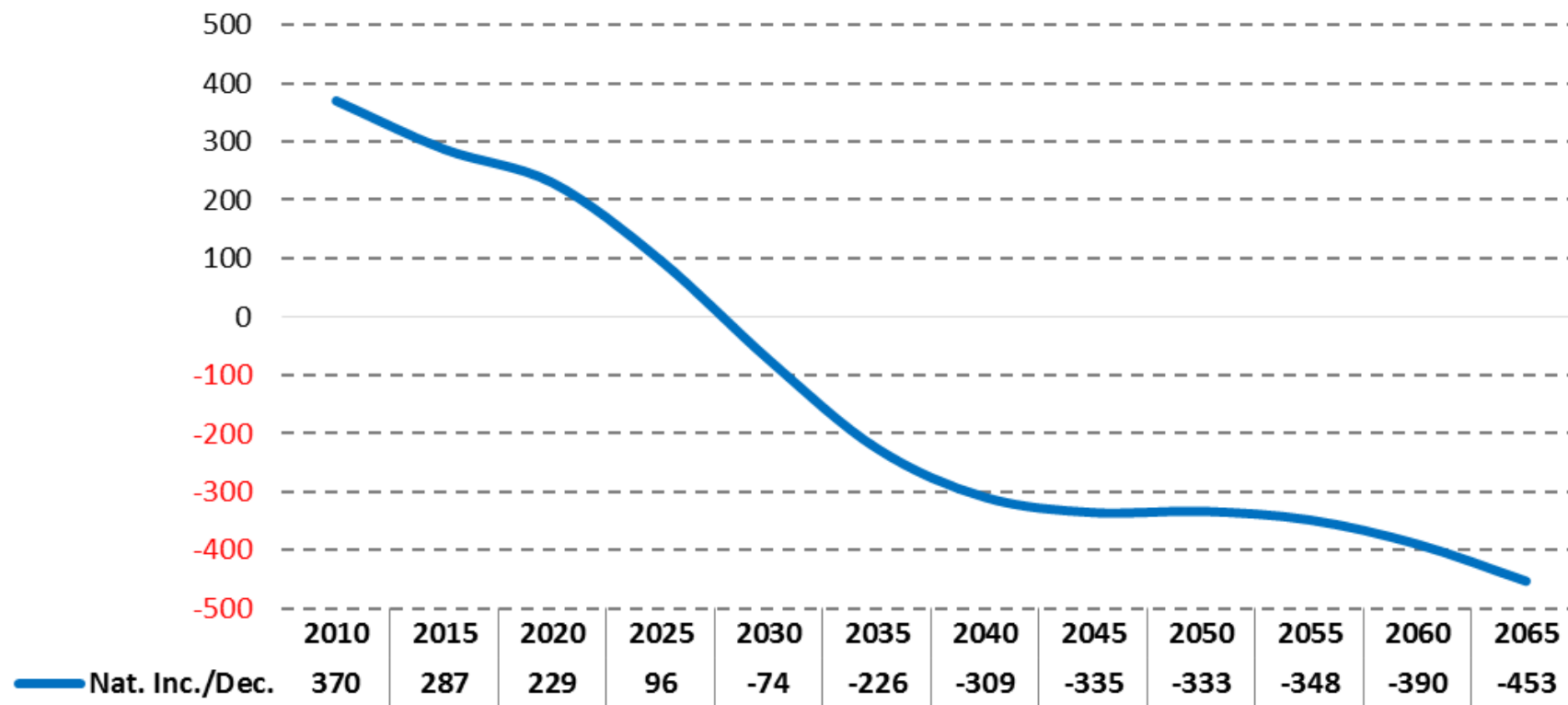
Life Expectancy (Years)—Total Pop

	2000	2010	2060
Linn County	78.7	78.2	85.5
Oregon	77.9	79.6	86.9

Source: U.S. Census Bureau.

Historical and Forecast Trends

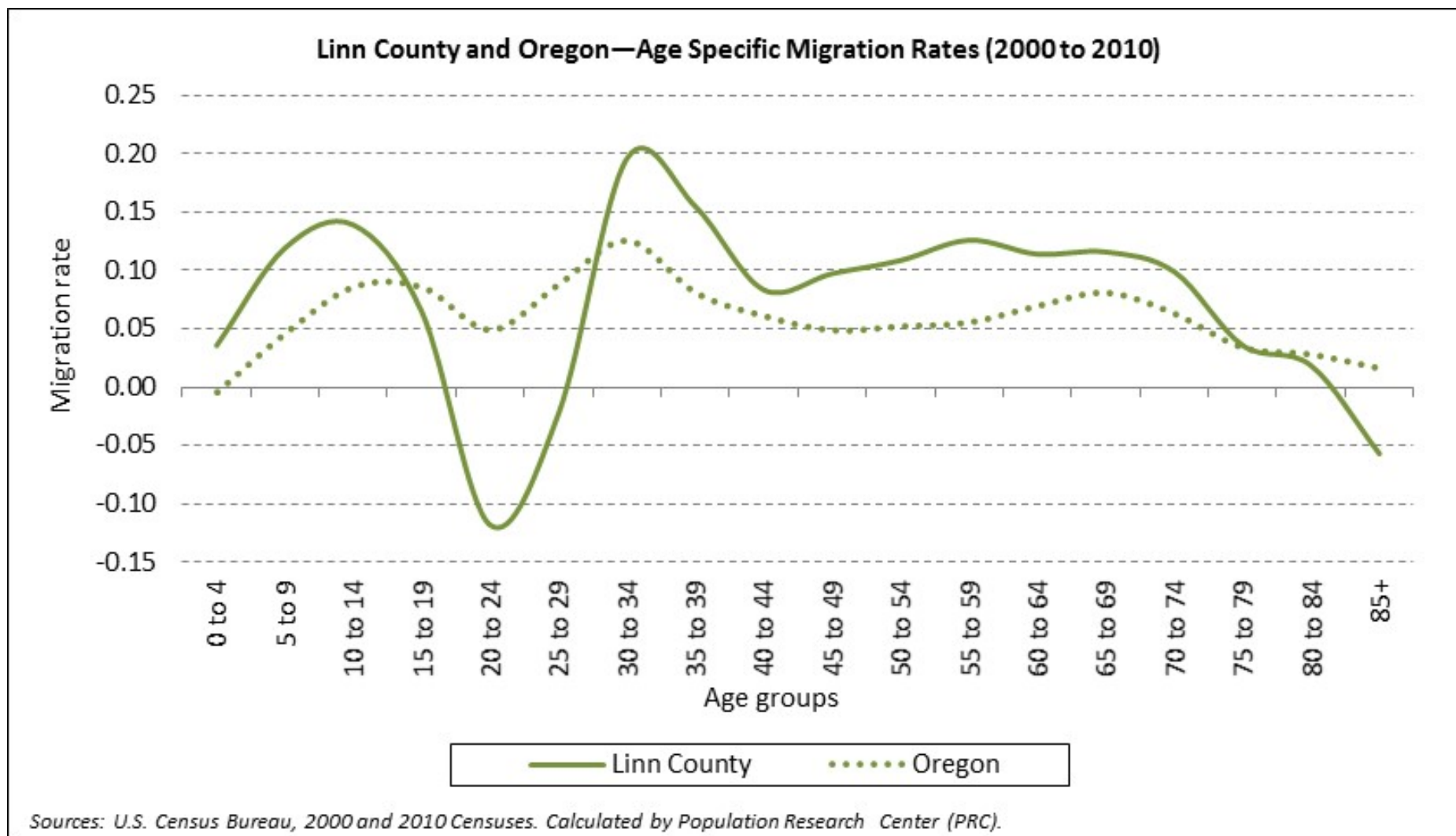
Linn County—Average Annual Natural Increase/Decrease



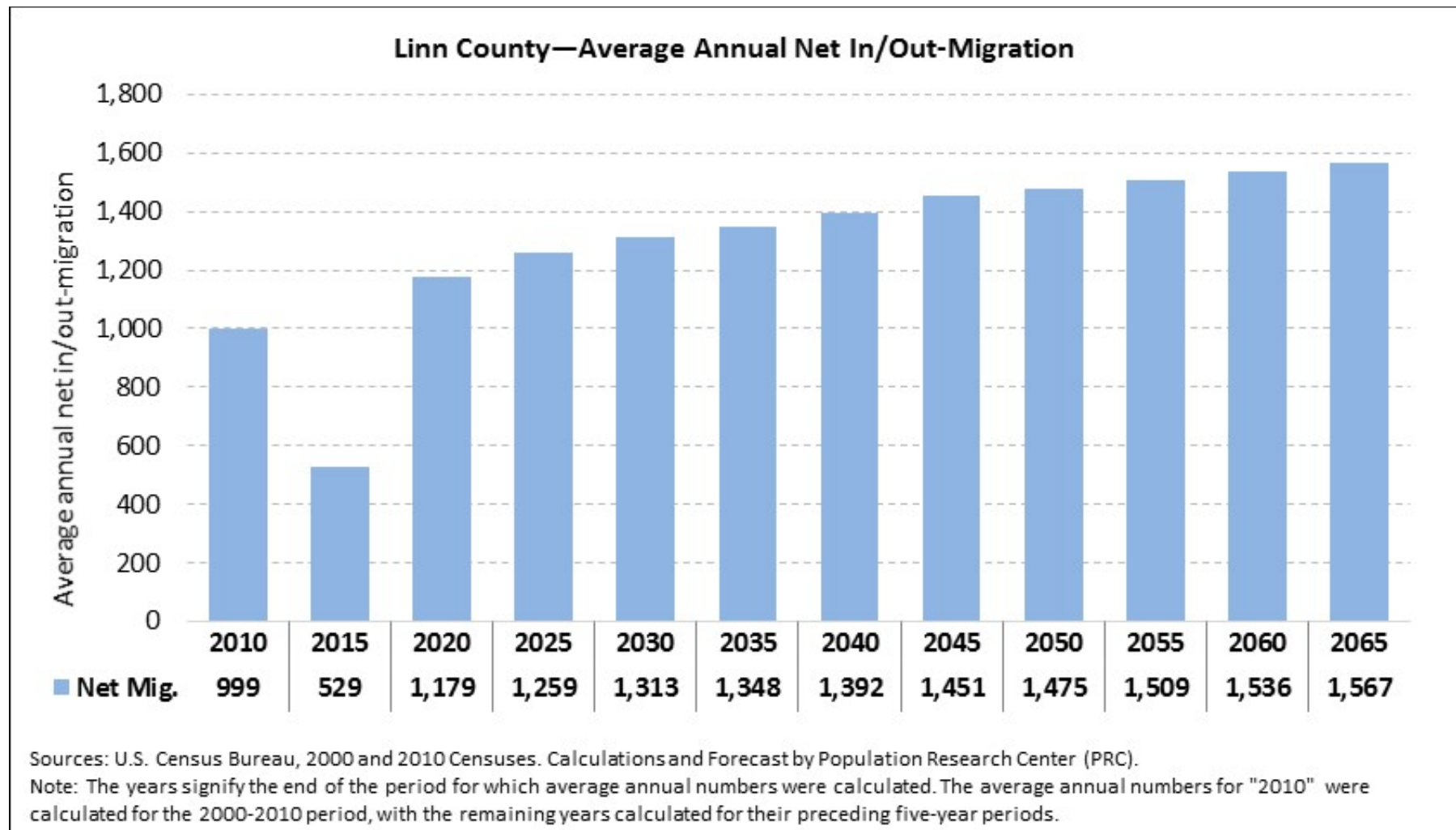
Sources: Oregon Health Authority, Center for Health Statistics. Calculations and Forecast by Population Research Center (PRC).

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

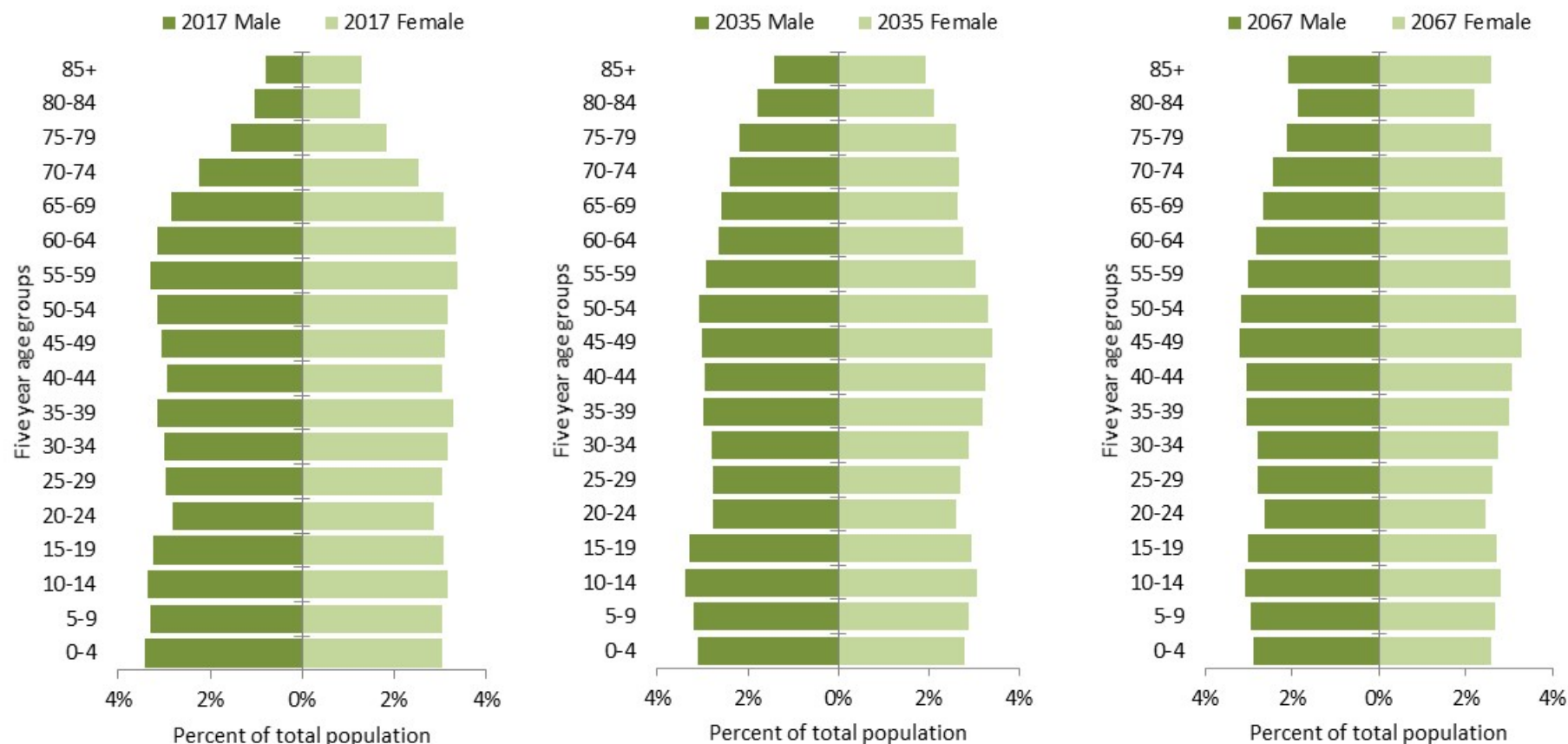


Historical and Forecast Trends



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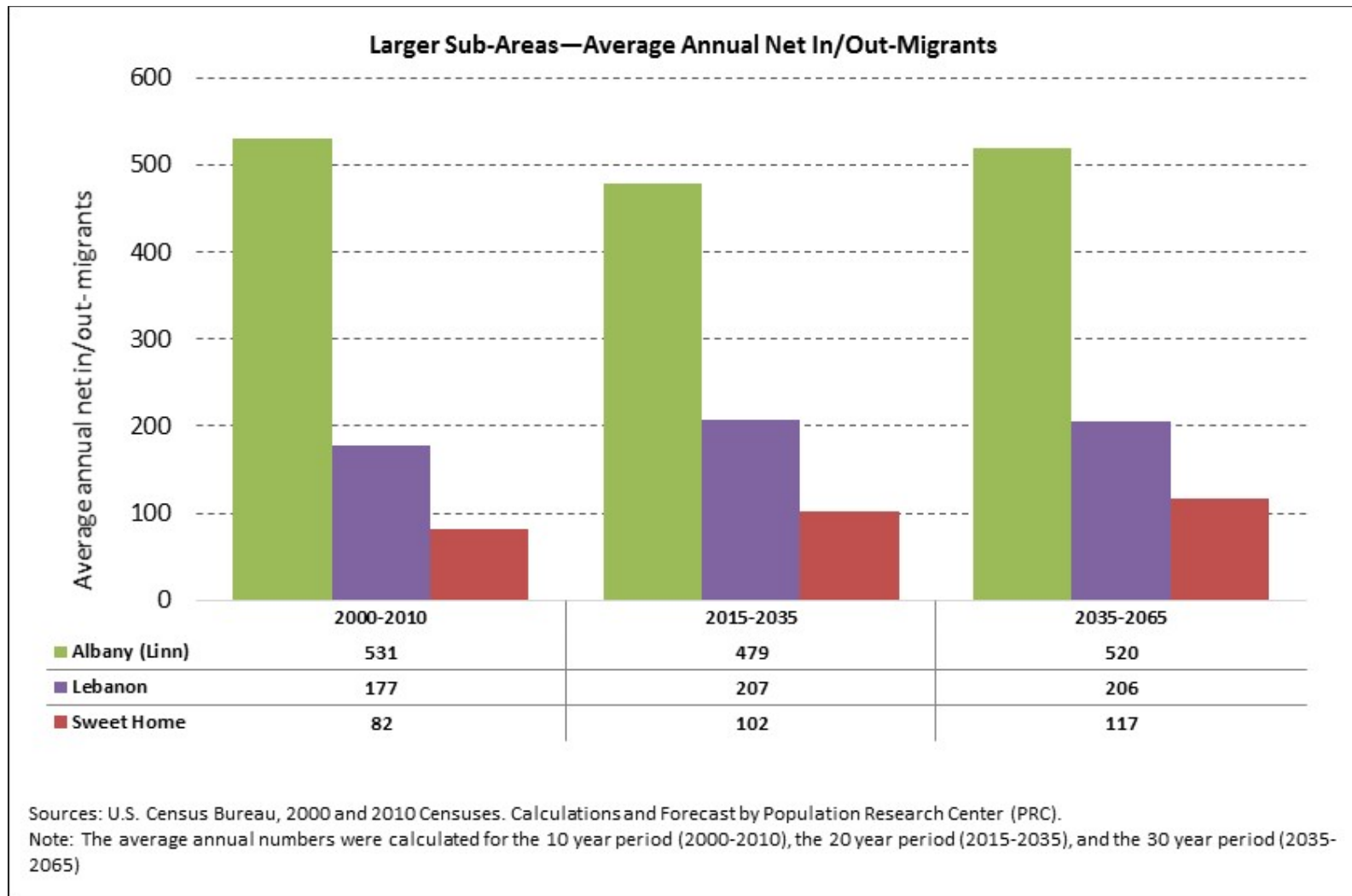
Linn County—Age Structure of the Population



Source: Forecast by Population Research Center (PRC)

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Historical and Forecast Trends



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Historical and Forecast Trends

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

	Historical			Forecast				
	2000	2010	AAGR (2000-2010)	2017	2035	2067	AAGR (2017-2035)	AAGR (2035-2067)
<i>Linn County</i>	103,069	116,672	1.2%	123,626	146,481	182,399	0.9%	0.7%
Albany UGB (Linn)	36,967	44,690	1.9%	46,469	58,134	77,255	1.3%	0.9%
Brownsville UGB	1,471	1,682	1.3%	1,740	2,084	2,567	1.0%	0.7%
Gates UGB (Linn)	42	40	-0.5%	40	42	47	0.3%	0.3%
Halsey UGB	724	906	2.3%	925	1,134	1,547	1.1%	1.0%
Harrisburg UGB	2,842	3,665	2.6%	3,770	4,332	5,077	0.8%	0.5%
Idanha UGB (Linn)	85	57	-3.9%	58	61	65	0.2%	0.2%
Lebanon UGB	15,981	18,308	1.4%	19,416	24,498	34,627	1.3%	1.1%
Lyons UGB (Linn)	1,065	1,215	1.3%	1,254	1,369	1,549	0.5%	0.4%
Mill City UGB (Linn)	1,376	1,680	2.0%	1,736	2,018	2,286	0.8%	0.4%
Millersburg UGB	670	1,329	7.1%	1,795	2,974	5,147	2.8%	1.7%
Scio UGB	719	884	2.1%	938	1,027	1,099	0.5%	0.2%
Sodaville UGB	288	308	0.7%	341	370	424	0.5%	0.4%
Sweet Home UGB	8,068	8,978	1.1%	9,250	10,732	13,299	0.8%	0.7%
Tangent UGB	1,066	1,233	1.5%	1,286	1,466	1,688	0.7%	0.4%
Waterloo UGB	238	229	-0.4%	232	257	297	0.6%	0.5%
Outside UGBs	31,467	31,468	0.0%	34,374	35,984	35,425	0.3%	0.0%

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>Linn County</i>	123,626	146,481	182,399	0.9%	0.7%	100.0%	100.0%	100.0%
Albany UGB (Linn)	46,469	58,134	77,255	1.3%	0.9%	37.6%	39.7%	42.4%
Lebanon UGB	19,416	24,498	34,627	1.3%	1.1%	15.7%	16.7%	19.0%
Sweet Home UGB	9,250	10,732	13,299	0.8%	0.7%	7.5%	7.3%	7.3%
Outside UGBs	34,374	35,984	35,425	0.3%	0.0%	27.8%	24.6%	19.4%
Smaller UGBs	14,116	17,134	21,793	1.1%	0.8%	11.4%	11.7%	11.9%

Source: Forecast by Population Research Center (PRC)

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

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>Linn County</i>	123,626	146,481	182,399	0.9%	0.7%	100.0%	100.0%	100.0%
Brownsville UGB	1,740	2,084	2,567	1.0%	0.7%	1.4%	1.4%	1.4%
Gates UGB (Linn)	40	42	47	0.3%	0.3%	0.0%	0.0%	0.0%
Halsey UGB	925	1,134	1,547	1.1%	1.0%	0.7%	0.8%	0.8%
Harrisburg UGB	3,770	4,332	5,077	0.8%	0.5%	3.0%	3.0%	2.8%
Idanha UGB (Linn)	58	61	65	0.2%	0.2%	0.0%	0.0%	0.0%
Lyons UGB (Linn)	1,254	1,369	1,549	0.5%	0.4%	1.0%	0.9%	0.8%
Mill City UGB (Linn)	1,736	2,018	2,286	0.8%	0.4%	1.4%	1.4%	1.3%
Millersburg UGB	1,795	2,974	5,147	2.8%	1.7%	1.5%	2.0%	2.8%
Scio UGB	938	1,027	1,099	0.5%	0.2%	0.8%	0.7%	0.6%
Sodaville UGB	341	370	424	0.5%	0.4%	0.3%	0.3%	0.2%
Tangent UGB	1,286	1,466	1,688	0.7%	0.4%	1.0%	1.0%	0.9%
Waterloo UGB	232	257	297	0.6%	0.5%	0.2%	0.2%	0.2%
Outside UGBs	34,374	35,984	35,425	0.3%	0.0%	27.8%	24.6%	19.4%
Larger UGBs	75,136	93,364	125,182	1.2%	0.9%	60.8%	63.7%	68.6%

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.

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Local Input and Additional Information

- Questions?
- Discussion time