

Oregon Population Forecast Program

Regional Forecast Meeting – March 18, 2015

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

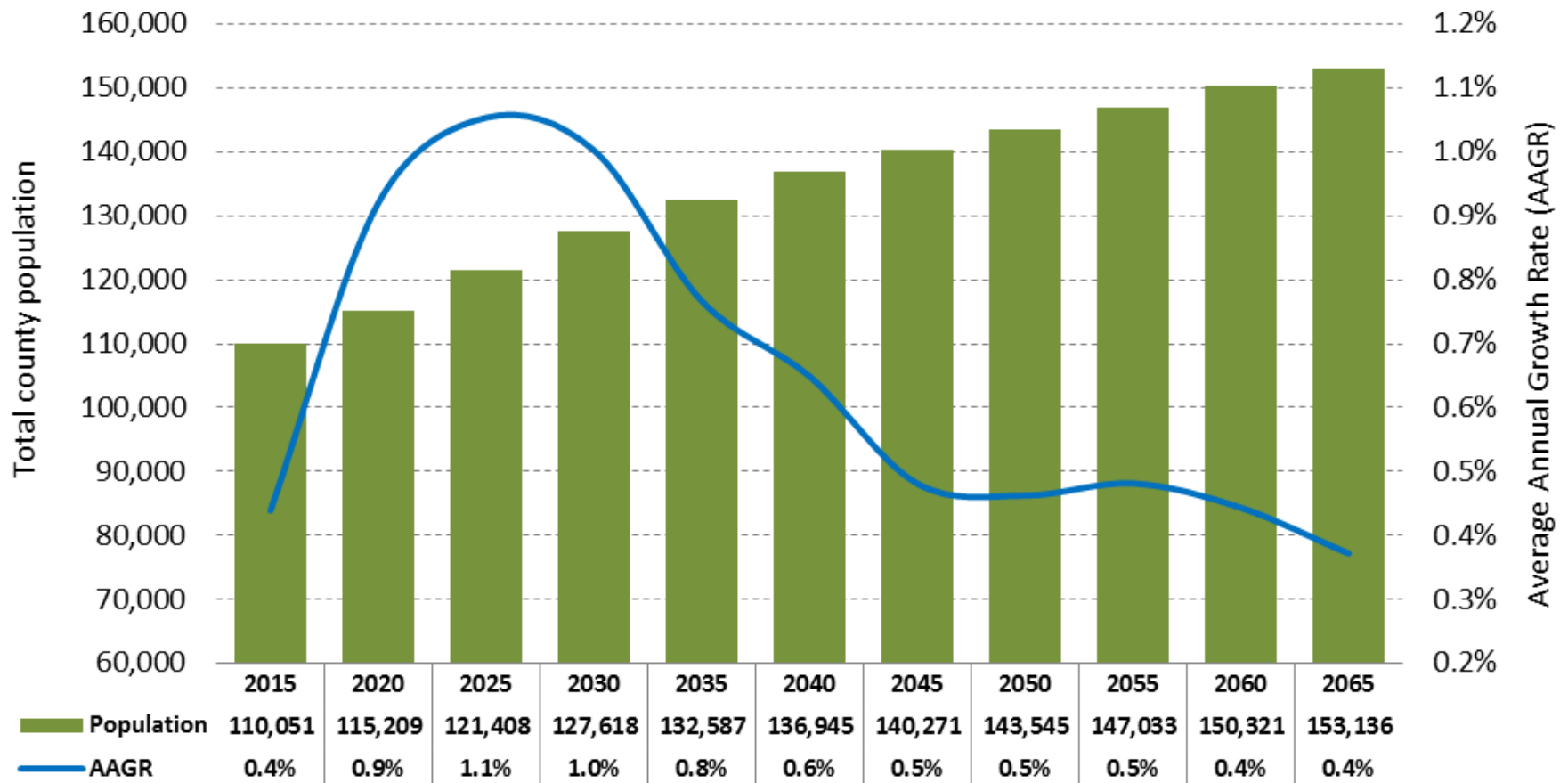
Agenda

- Present and discuss preliminary forecast results
 - Proposed Forecast – March 31, 2015; 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

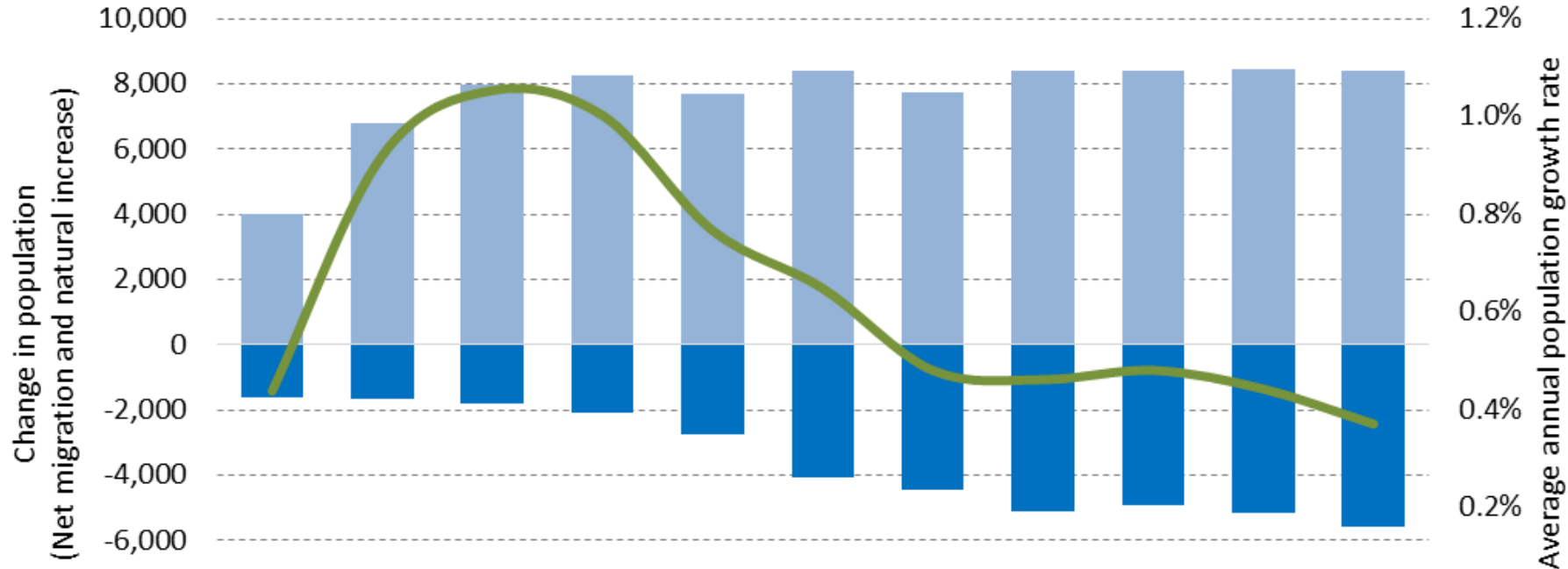
1. In general, as the economy continues to strengthen we assume an increase in net in-migration and a corresponding growth in housing construction.
 - a) Net in-migration will accelerate in the near-term and then stabilize over time.
2. We incorporate national trends into our assumptions for fertility and mortality rates.
 - a) As a result of aging Baby Boomers, deaths increase and peak in 2030, with total deaths tapering through 2050.
 - b) Total fertility rates decline throughout the entire forecast period; although only slightly in some areas.
 - i. As a result areas will experience natural decrease, or if it is already occurring, a natural decrease of a larger magnitude.
3. Population increases will become more dependent on net in-migration.
 - a) Some areas will experience population decreases due to natural decrease around 2030-2040, and will only increase if net in-migration accelerates.

Douglas County—Total Population by Five-year Intervals (2015-2065)



Source: Forecast by Population Research Center (PRC)

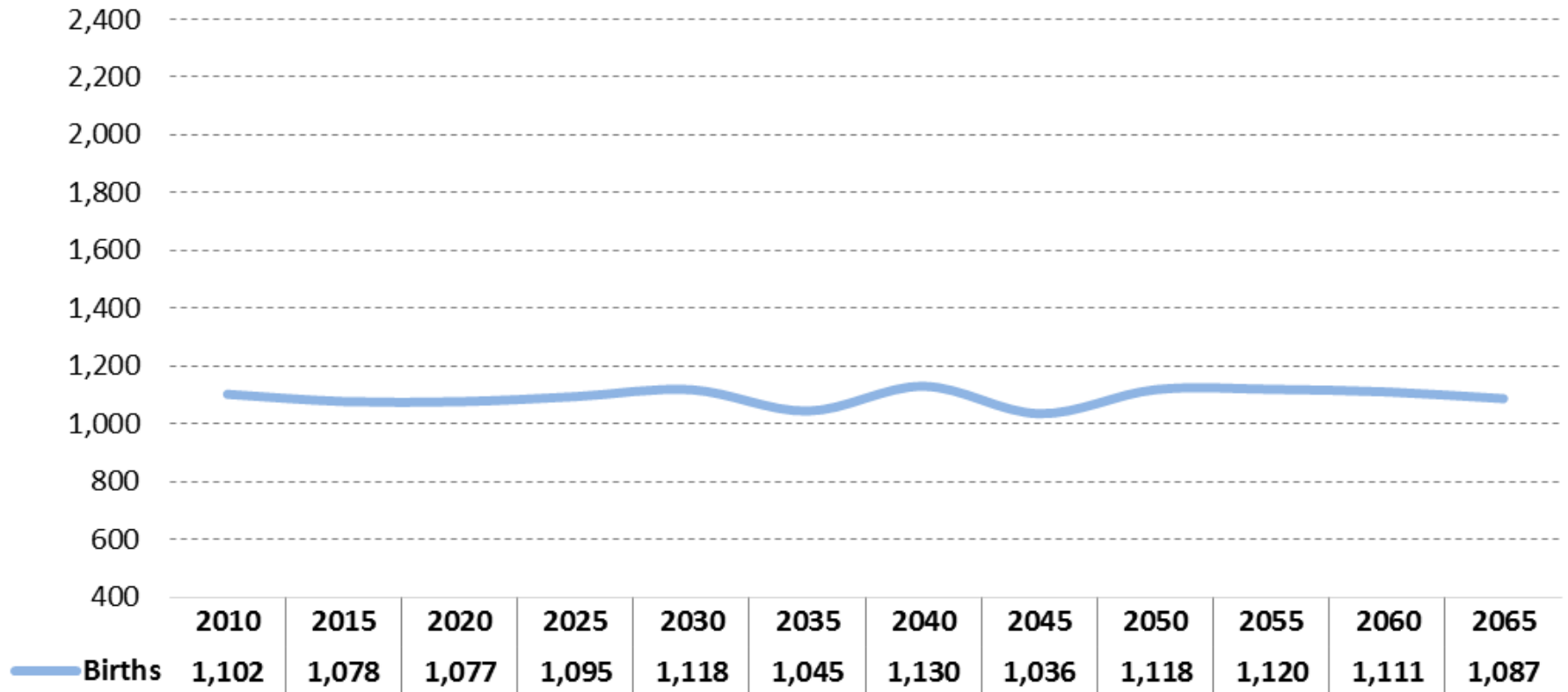
Douglas County—Components of Population Change by Five-year Intervals (2015-2065)



	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060	2065
Net Mig.	4,007	6,814	7,982	8,281	7,696	8,413	7,751	8,391	8,410	8,431	8,412
Nat. Inc.	-1,623	-1,656	-1,782	-2,072	-2,727	-4,055	-4,425	-5,117	-4,922	-5,143	-5,597
AAGR	0.4%	0.9%	1.1%	1.0%	0.8%	0.6%	0.5%	0.5%	0.5%	0.4%	0.4%

Source: Forecast by Population Research Center (PRC)

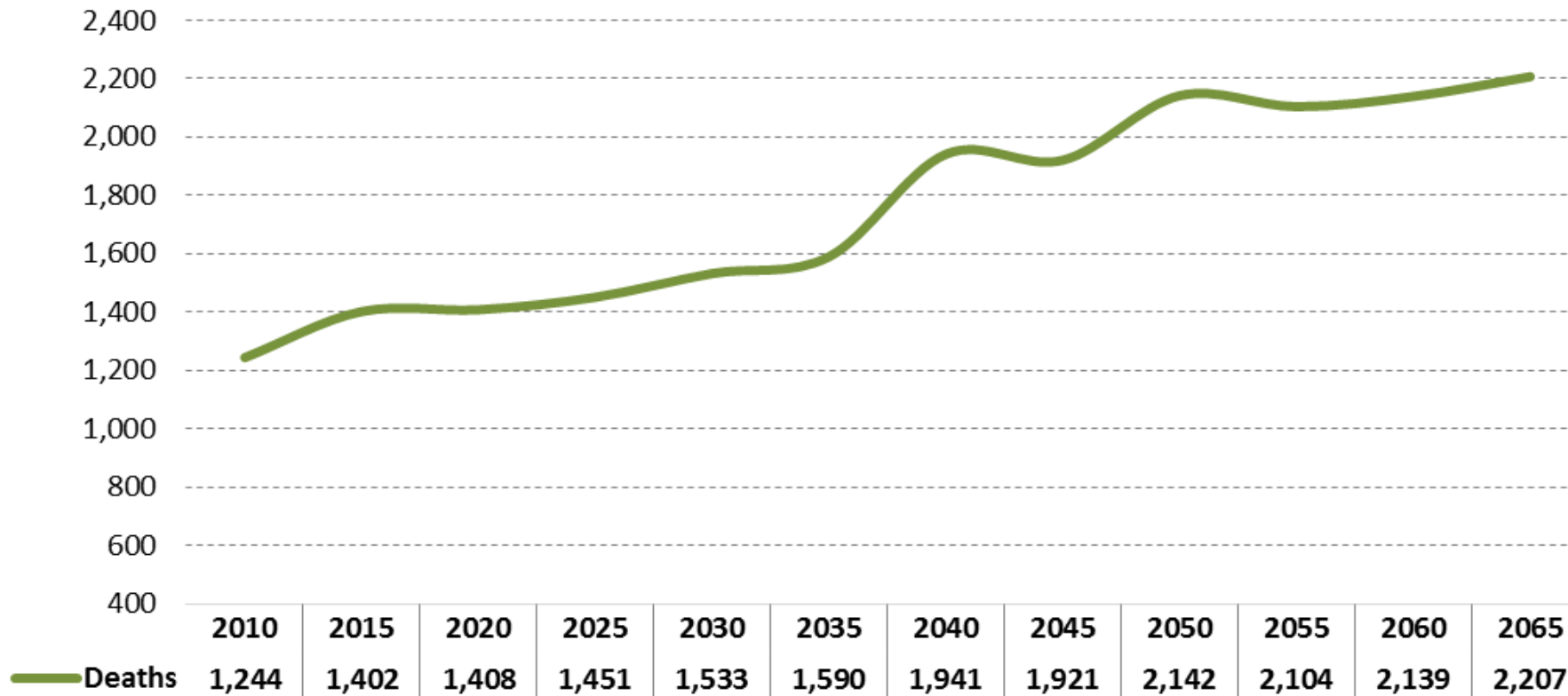
Douglas County—Average Annual Births



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.

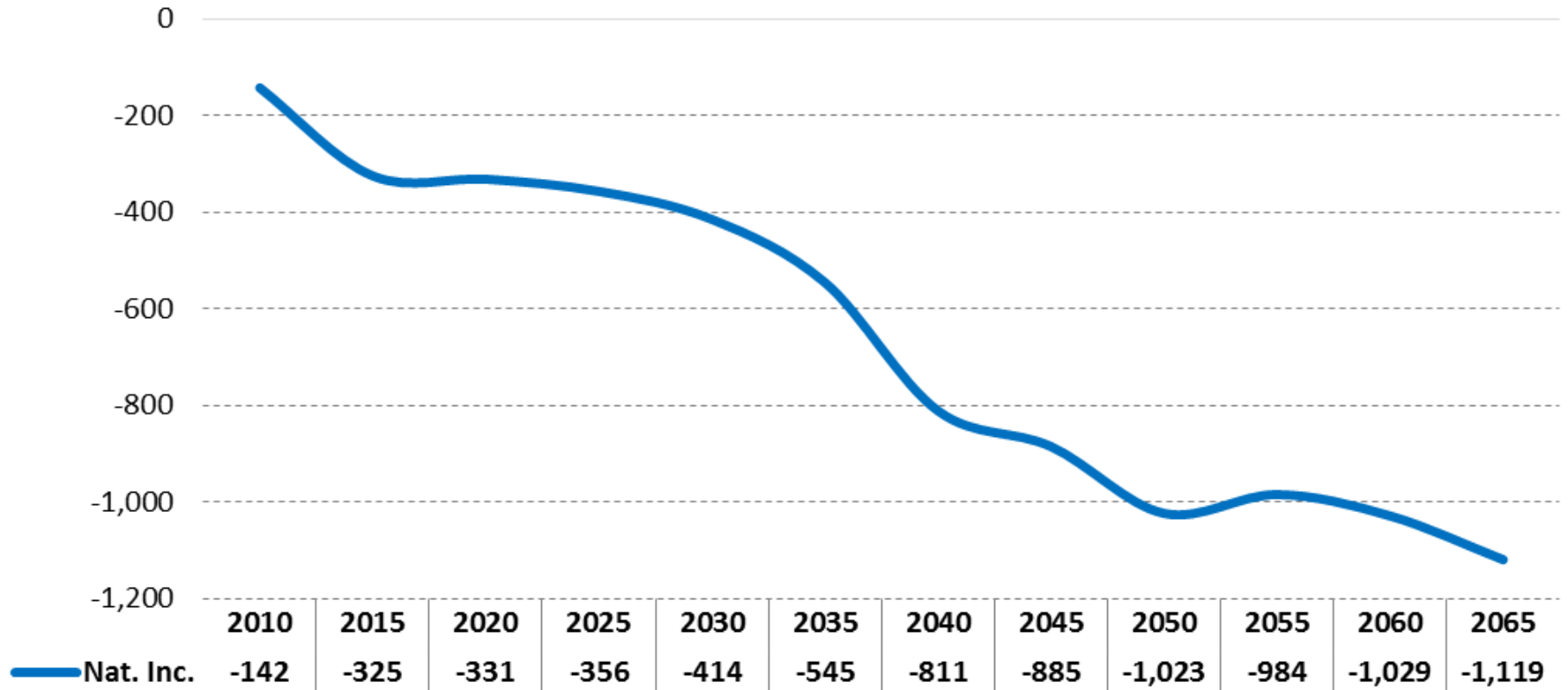
Douglas County—Average Annual Deaths



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.

Douglas County—Average Annual Natural Increase



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.

Total Fertility Rate (TFR)

	2000	2010	2015	2035	2065
Douglas County	1.96	1.91	1.88	1.85	1.80
Oregon	1.98	1.79	1.83	1.79	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).

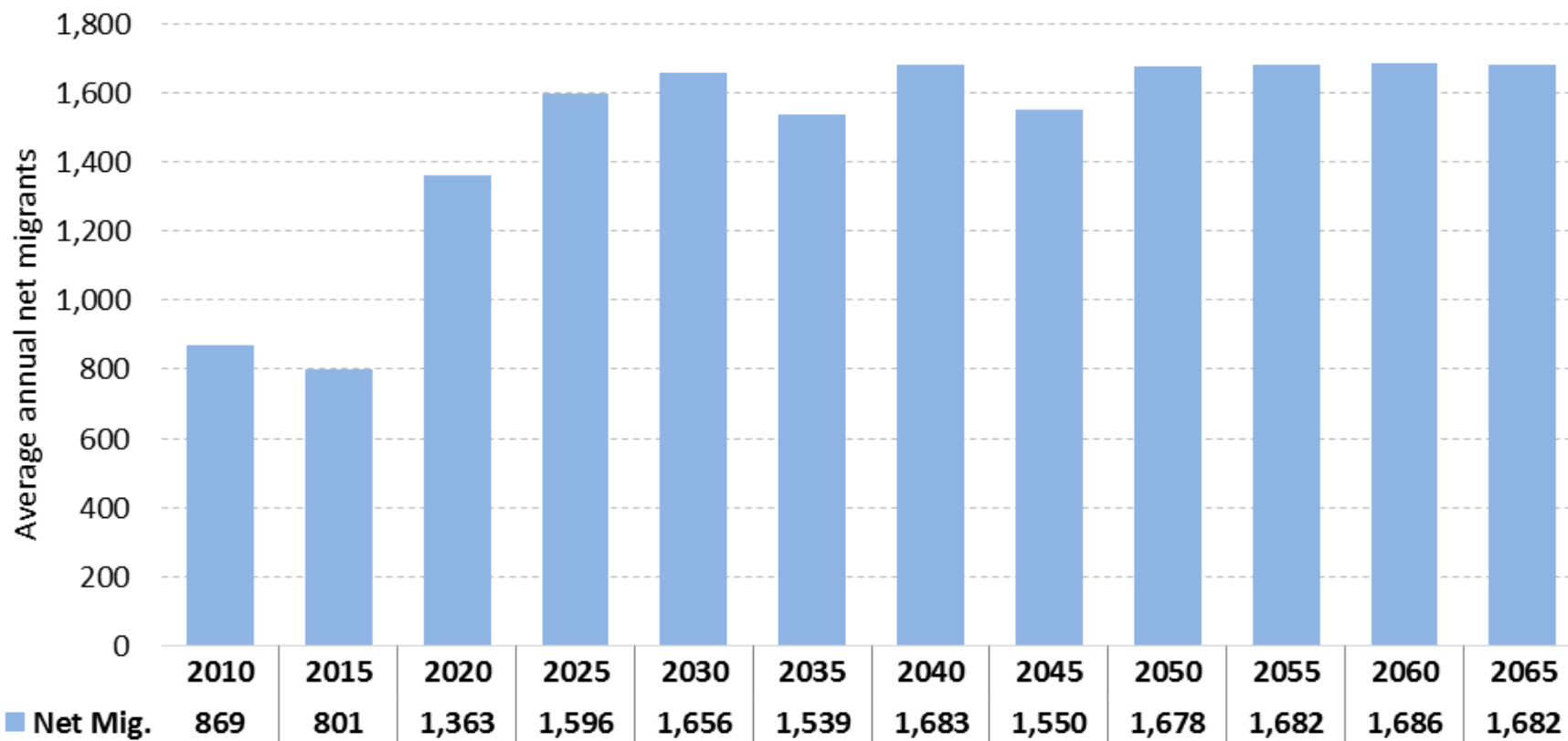
Note: 2000 and 2010 are annual TFRs, whereas the TFRs for 2015, 2035, and 2065 are for the preceding five-year forecast period. In other words the TFR for 2035 is calculated for the 2030 to 2035 forecast period.

Life Expectancy (Years)—Both Genders

	2000	2010	2060
Douglas County	76	78	85
Oregon	78	80	87

Source: U.S. Census Bureau.

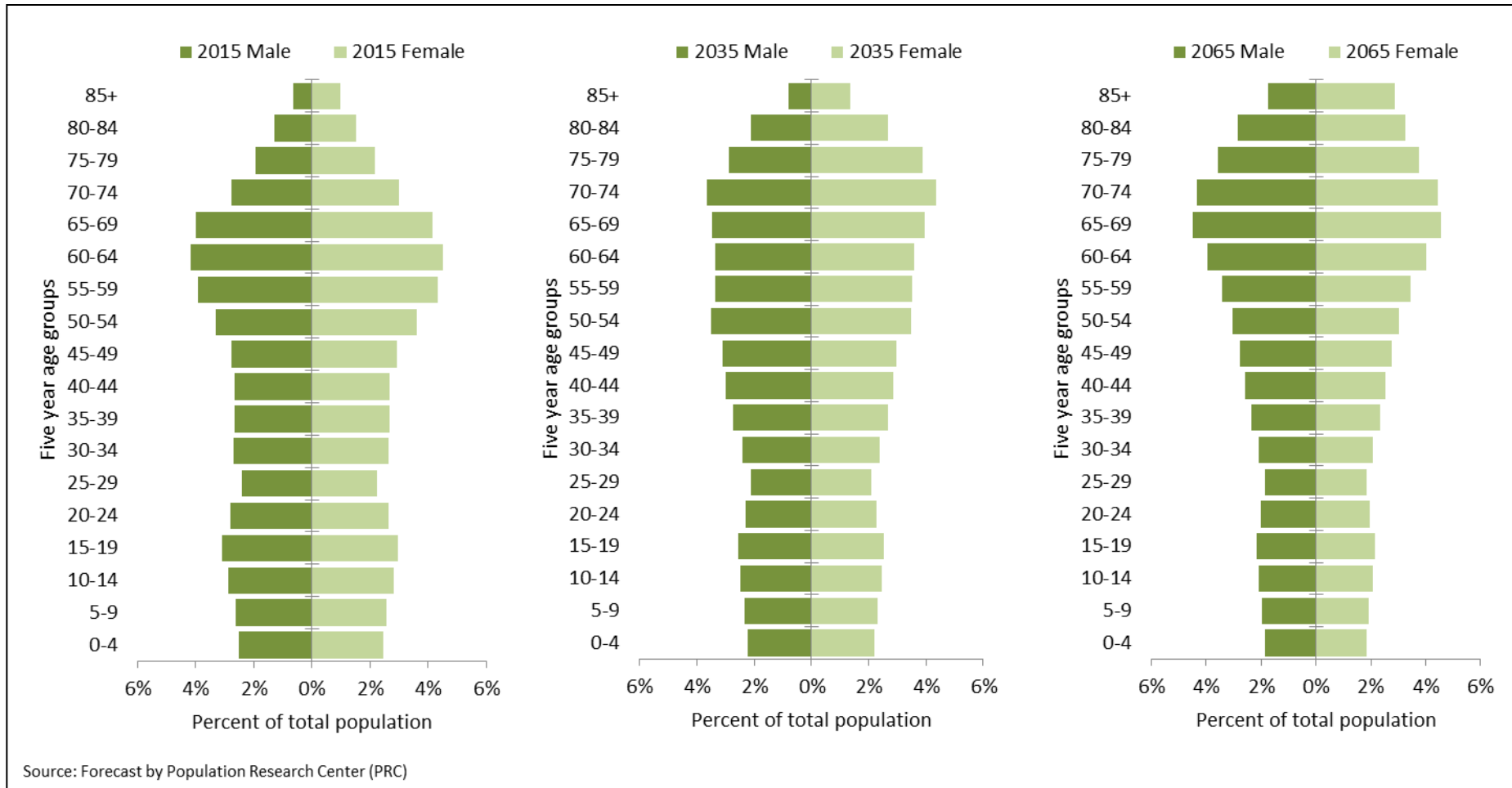
Douglas County—Average Annual Net Migration



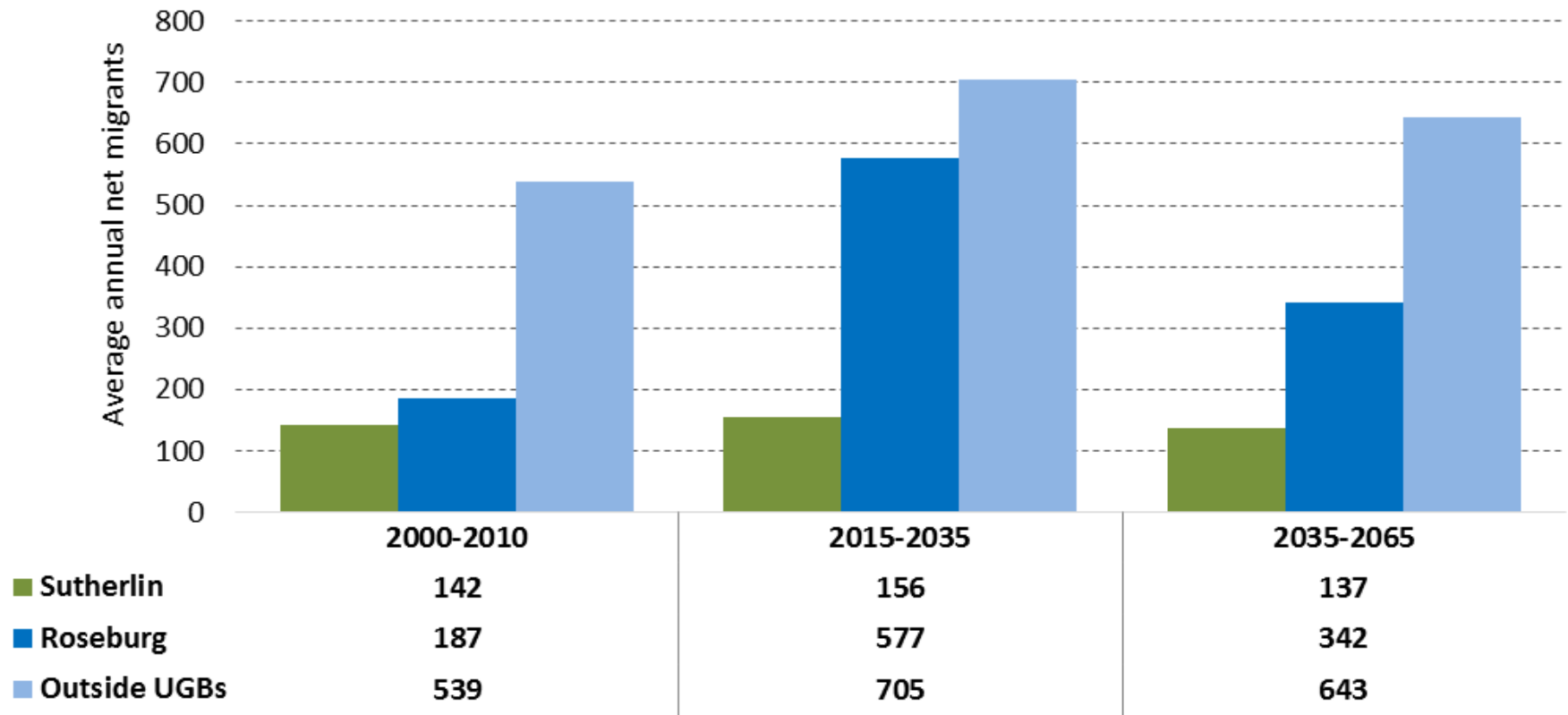
Sources: U.S. Census Bureau, 2000 and 2010 Censuses. Calculations and Forecast by Population Research Center (PRC).

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.

Douglas County—Age Structure of the Population



Douglas County's Larger Sub-Areas—Average Annual Net Migrants



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

Note: The average annual numbers were calculated for the 10 year period (2000-2010), the 20 year period (2015-2035), and the 30 year period (2035-2065)

County and Larger Sub-Areas—Population and Average Annual Growth Rate (AAGR) (2015, 2035, and 2065)

	2015	2035	2065	AAGR (2015-2035)	AAGR (2035-2065)	Share of County 2015	Share of County 2035	Share of County 2065
<i>Douglas County</i>	110,051	132,587	153,136	0.9%	0.5%	100.0%	100.0%	100.0%
Roseburg ¹	30,007	39,802	49,241	1.4%	0.7%	27.3%	30.0%	32.2%
Sutherlin	8,298	11,096	13,994	1.5%	0.8%	7.5%	8.4%	9.1%
Smaller UGBs ²	25,569	30,438	37,088	0.9%	0.7%	23.2%	23.0%	24.2%
Outside UGBs	46,177	51,252	52,813	0.5%	0.1%	42.0%	38.7%	34.5%

Source: Forecast by Population Research Center (PRC)

¹ For simplicity each UGB is referred to by its primary city's name.

² Smaller UGBs are those with populations less than 8,000 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 hold population growth stable with no change.

Preliminary Forecast Results

County and Smaller Sub-Areas—Population and AAGR (2015, 2035, and 2065)

	2015	2035	2065	AAGR (2015-2035)	AAGR (2035-2065)	Share of County 2015	Share of County 2035	Share of County 2065
<i>Douglas County</i>	110,051	132,587	153,136	0.9%	0.5%	100.0%	100.0%	100.0%
Canyonville ¹	2,101	3,243	4,672	2.2%	1.2%	1.9%	2.4%	3.1%
Drain	1,346	1,510	1,686	0.6%	0.4%	1.2%	1.1%	1.1%
Elkton	207	293	420	1.7%	1.2%	0.2%	0.2%	0.3%
Glendale	968	1,189	1,529	1.0%	0.8%	0.9%	0.9%	1.0%
Myrtle Creek	7,491	8,323	9,141	0.5%	0.3%	6.8%	6.3%	6.0%
Oakland	1,108	1,221	1,250	0.5%	0.1%	1.0%	0.9%	0.8%
Reedsport	4,237	4,723	4,903	0.5%	0.1%	3.8%	3.6%	3.2%
Riddle	1,172	1,245	1,262	0.3%	0.0%	1.1%	0.9%	0.8%
Winston	5,851	7,560	11,095	1.3%	1.3%	5.3%	5.7%	7.2%
Yoncalla	1,088	1,130	1,131	0.2%	0.0%	1.0%	0.9%	0.7%
Larger UGBs ²	38,306	50,898	63,235	1.4%	0.7%	34.8%	38.4%	41.3%
Outside UGBs	46,177	51,252	52,813	0.5%	0.1%	42.0%	38.7%	34.5%

Source: Forecast by Population Research Center (PRC)

¹ For simplicity each UGB is referred to by its primary city's name.

² Larger UGBs are those with populations greater than 8,000 in forecast launch year

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

	Historical			Forecast				
	2000	2010	AAGR (2000-2010)	2015	2035	2065	AAGR (2015-2035)	AAGR (2035-2065)
<i>Douglas County</i>	100,399	107,667	0.7%	110,051	132,587	153,136	0.9%	0.5%
Canyonville ¹	1,498	2,005	3.0%	2,101	3,243	4,672	2.2%	1.2%
Drain	1,204	1,352	1.2%	1,346	1,510	1,686	0.6%	0.4%
Elkton	169	195	1.4%	207	293	420	1.7%	1.2%
Glendale	946	979	0.3%	968	1,189	1,529	1.0%	0.8%
Myrtle Creek	6,998	7,478	0.7%	7,491	8,323	9,141	0.5%	0.3%
Oakland	1,117	1,097	-0.2%	1,108	1,221	1,250	0.5%	0.1%
Reedsport	4,437	4,244	-0.4%	4,237	4,723	4,903	0.5%	0.1%
Riddle	1,030	1,182	1.4%	1,172	1,245	1,262	0.3%	0.0%
Roseburg	26,599	28,344	0.6%	30,007	39,802	49,241	1.4%	0.7%
Sutherlin	6,883	8,138	1.7%	8,298	11,096	13,994	1.5%	0.8%
Winston	4,917	5,571	1.3%	5,851	7,560	11,095	1.3%	1.3%
Yoncalla	1,082	1,085	0.0%	1,088	1,130	1,131	0.2%	0.0%
Outside UGBs	43,519	45,997	0.6%	46,177	51,252	52,813	0.5%	0.1%

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

¹ For simplicity each UGB is referred to by its primary city's name.

Local Input and Additional Information

- Questions?
- Discussion time