

Oregon Population Forecast Program

Regional Forecast Meeting – March 17, 2015

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

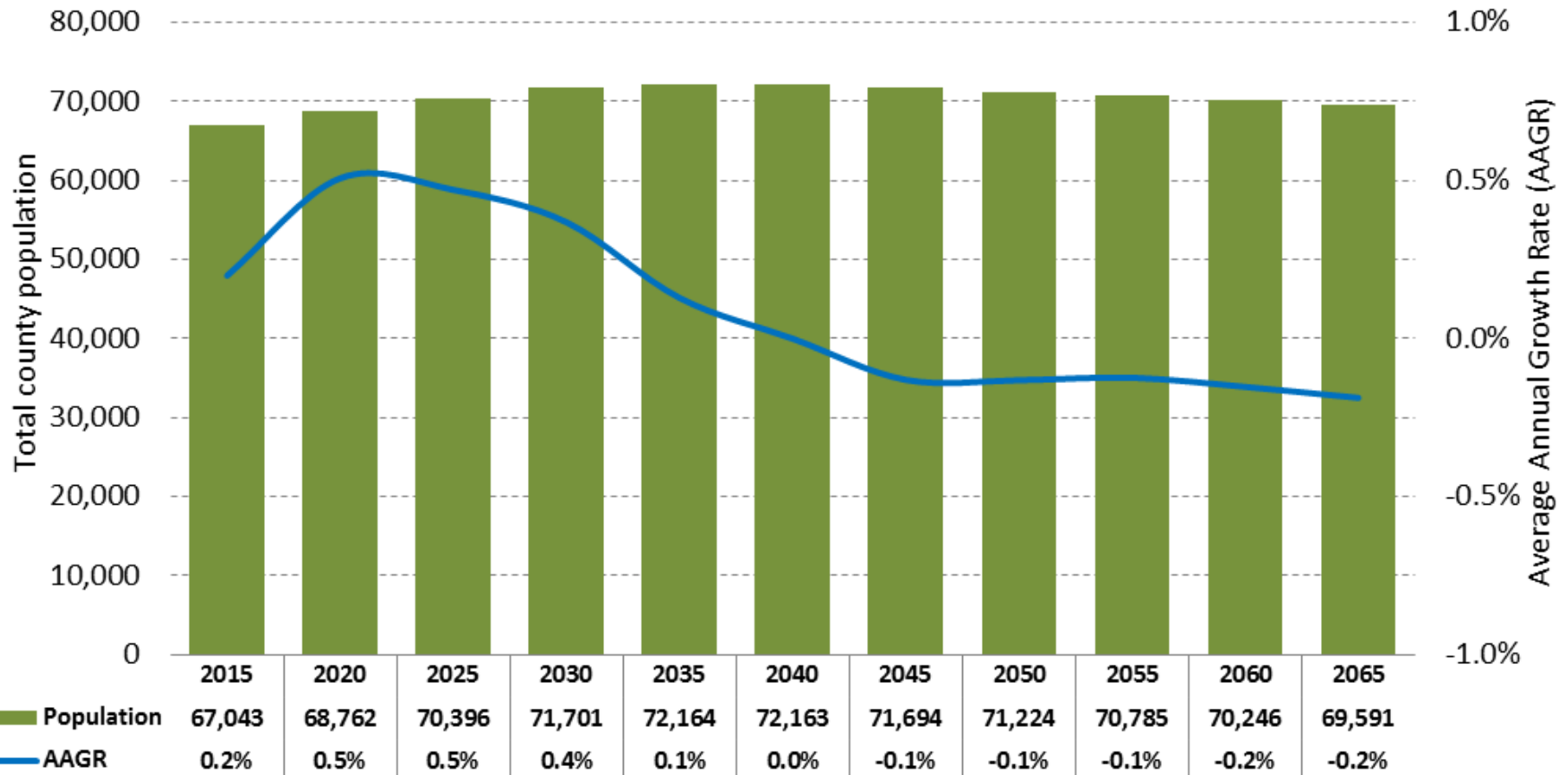
Agenda

- 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.

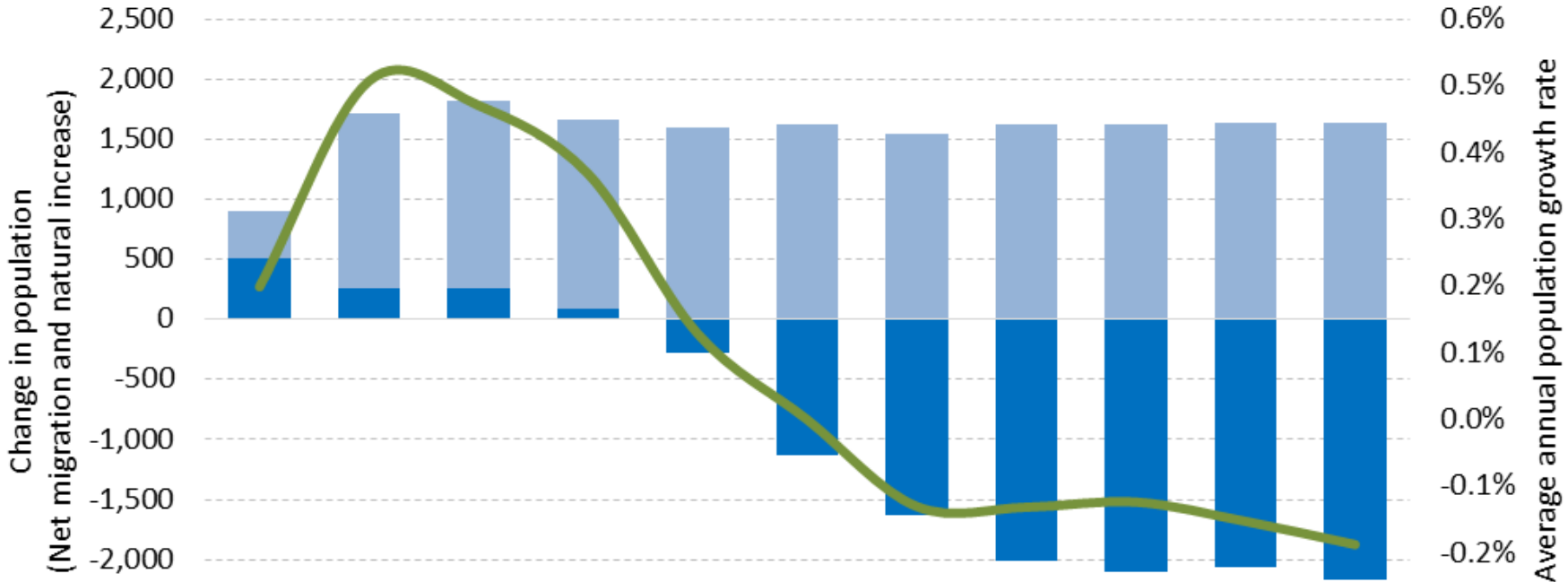
Klamath County—Total Population by Five-year Intervals (2015-2065)



Source: Forecast by Population Research Center (PRC)

Preliminary Forecast Results

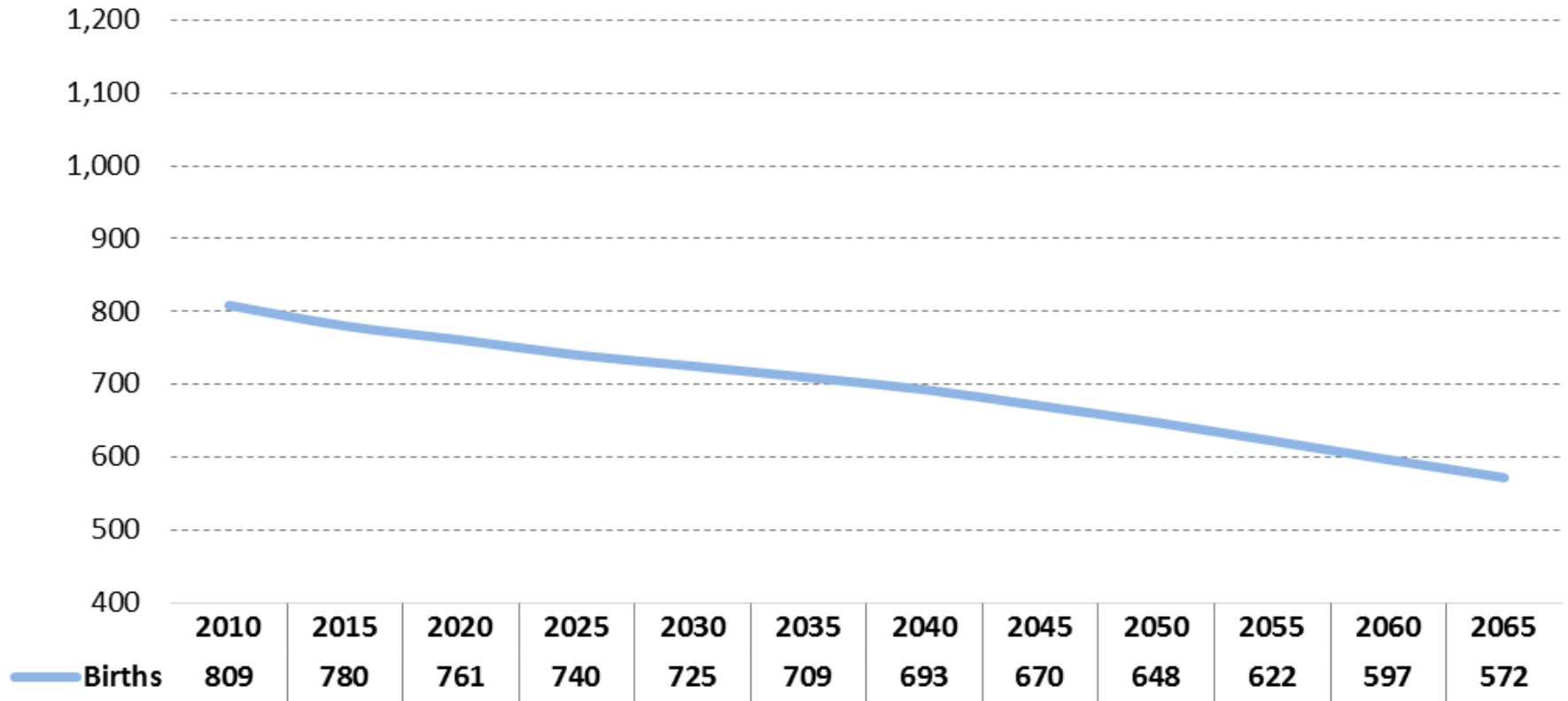
Klamath County—Components of Population Change by Five-year Intervals (2015-2065)



	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060	2065
Net Mig.	403	1,453	1,549	1,580	1,595	1,625	1,545	1,628	1,629	1,630	1,631
Nat. Inc.	505	261	265	85	-274	-1,133	-1,625	-2,014	-2,098	-2,068	-2,168
AAGR	0.2%	0.5%	0.5%	0.4%	0.1%	0.0%	-0.1%	-0.1%	-0.1%	-0.2%	-0.2%

Source: Forecast by Population Research Center (PRC)

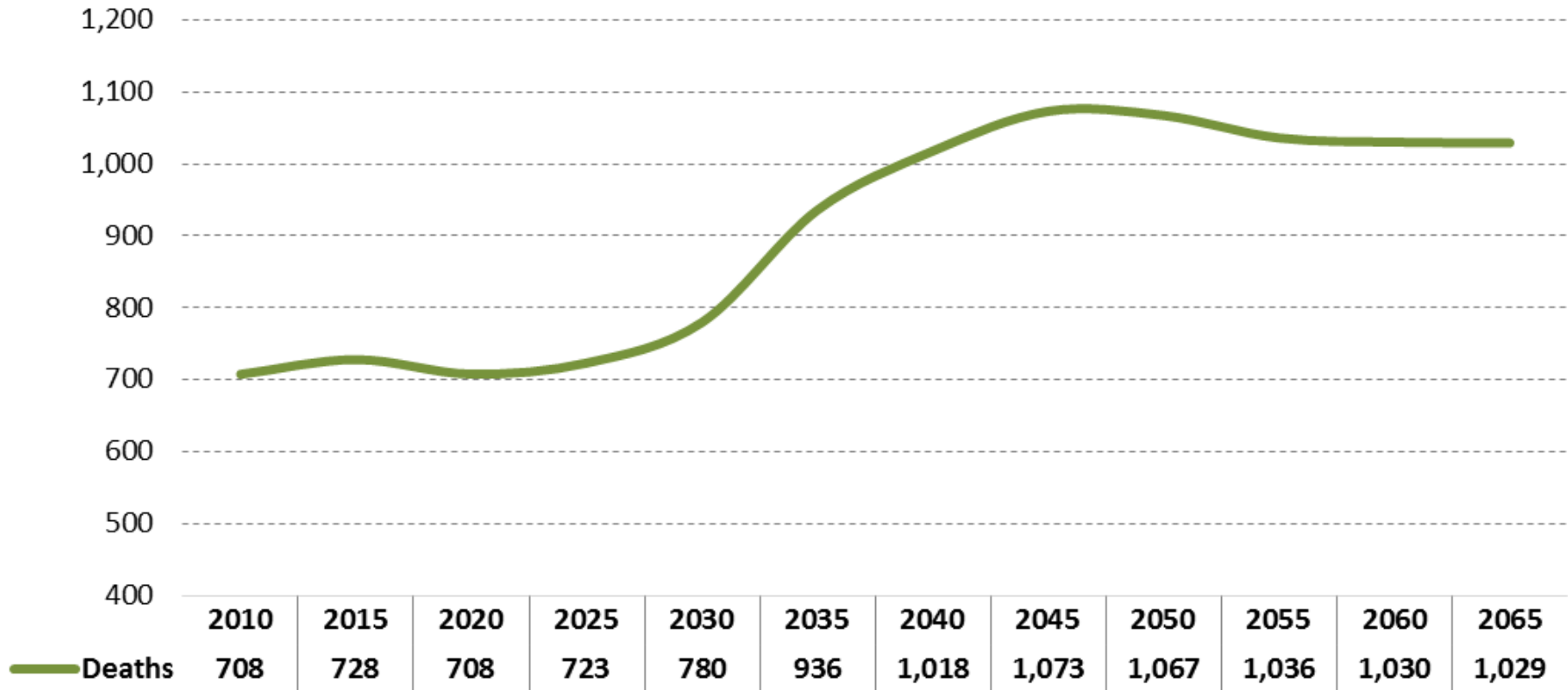
Klamath County—Average Annual Births



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.

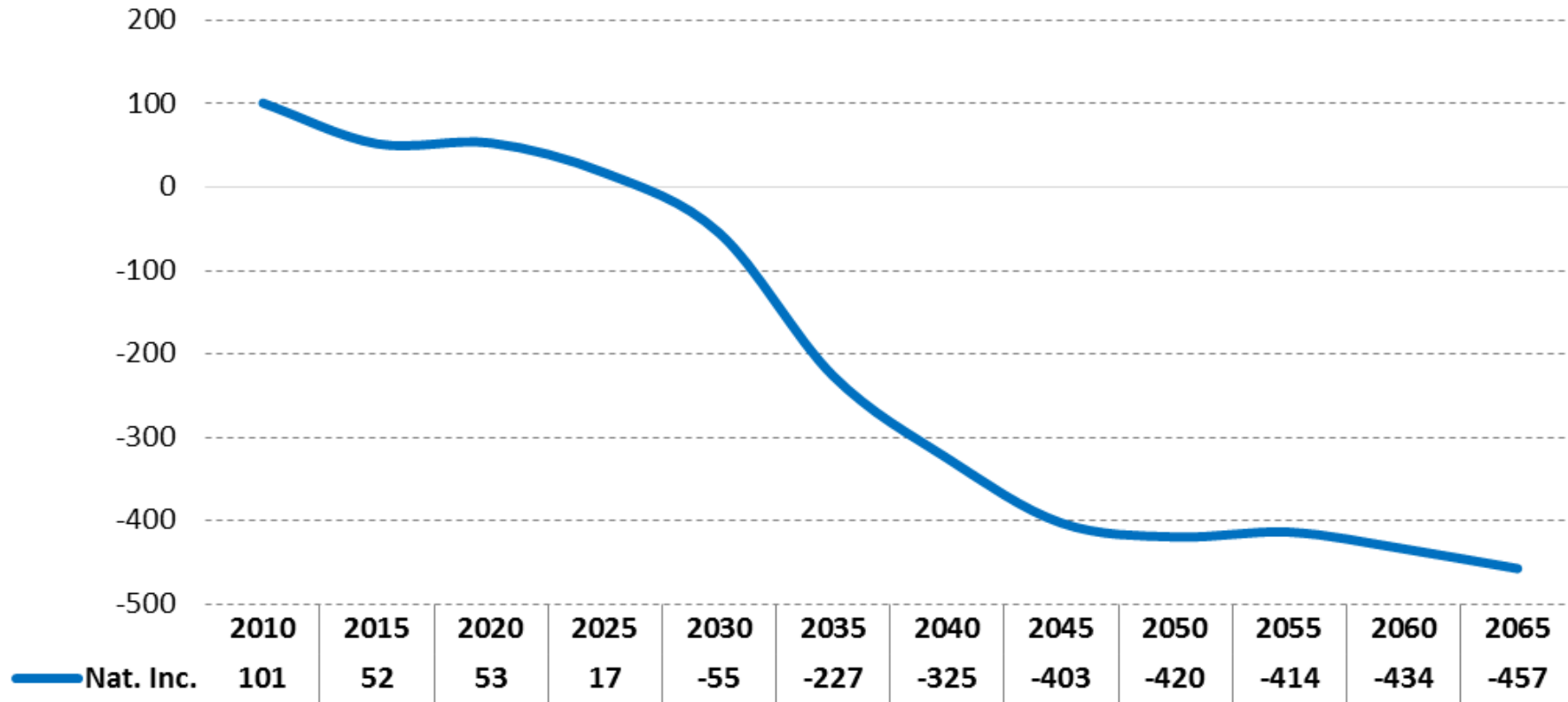
Klamath County—Average Annual Deaths



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.

Klamath 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
Klamath County	2.20	2.10	2.03	2.00	1.95
Oregon	1.98	1.79	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).

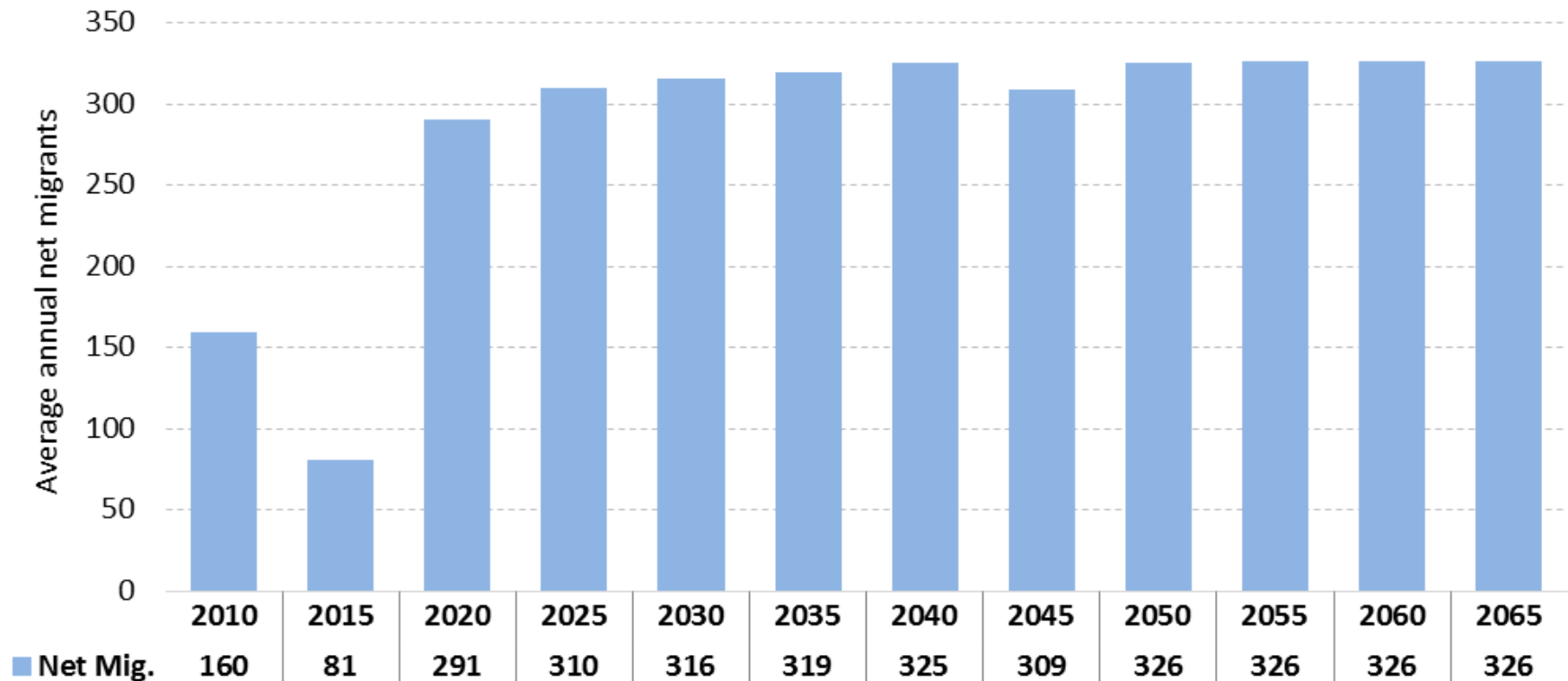
Note: 2000 and 2010 are annual TFRs, whereas the TFRs for 2015, 2035, and 2065 are for the preceding five-year forecast period. In other words the TFR for 2035 is calculated for the 2030 to 2035 forecast period.

Life Expectancy (Years)—Both Genders

	2000	2010	2060
Klamath County	76	77	84
Oregon	78	80	87

Source: U.S. Census Bureau.

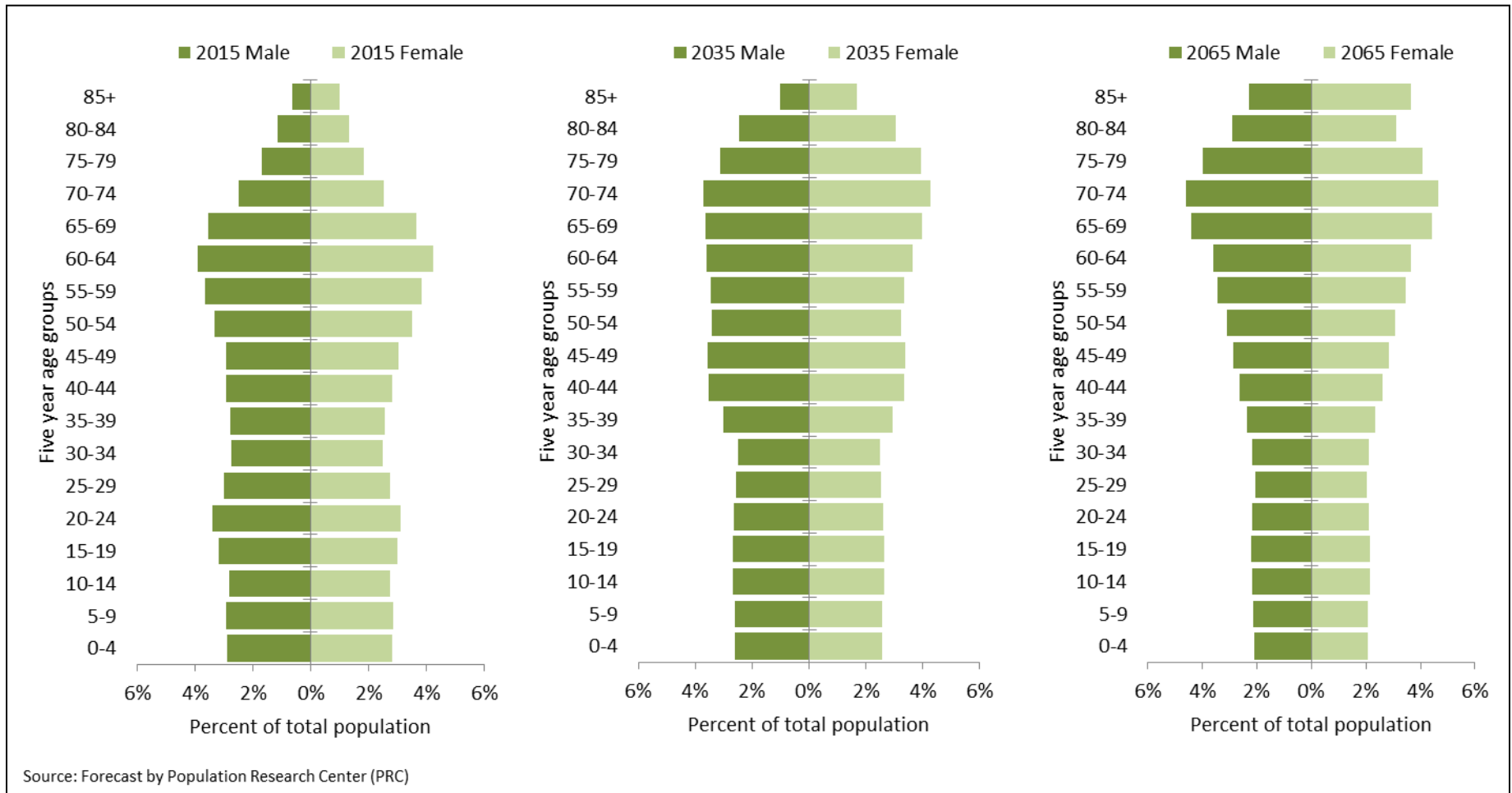
Klamath County—Average Annual Net Migration

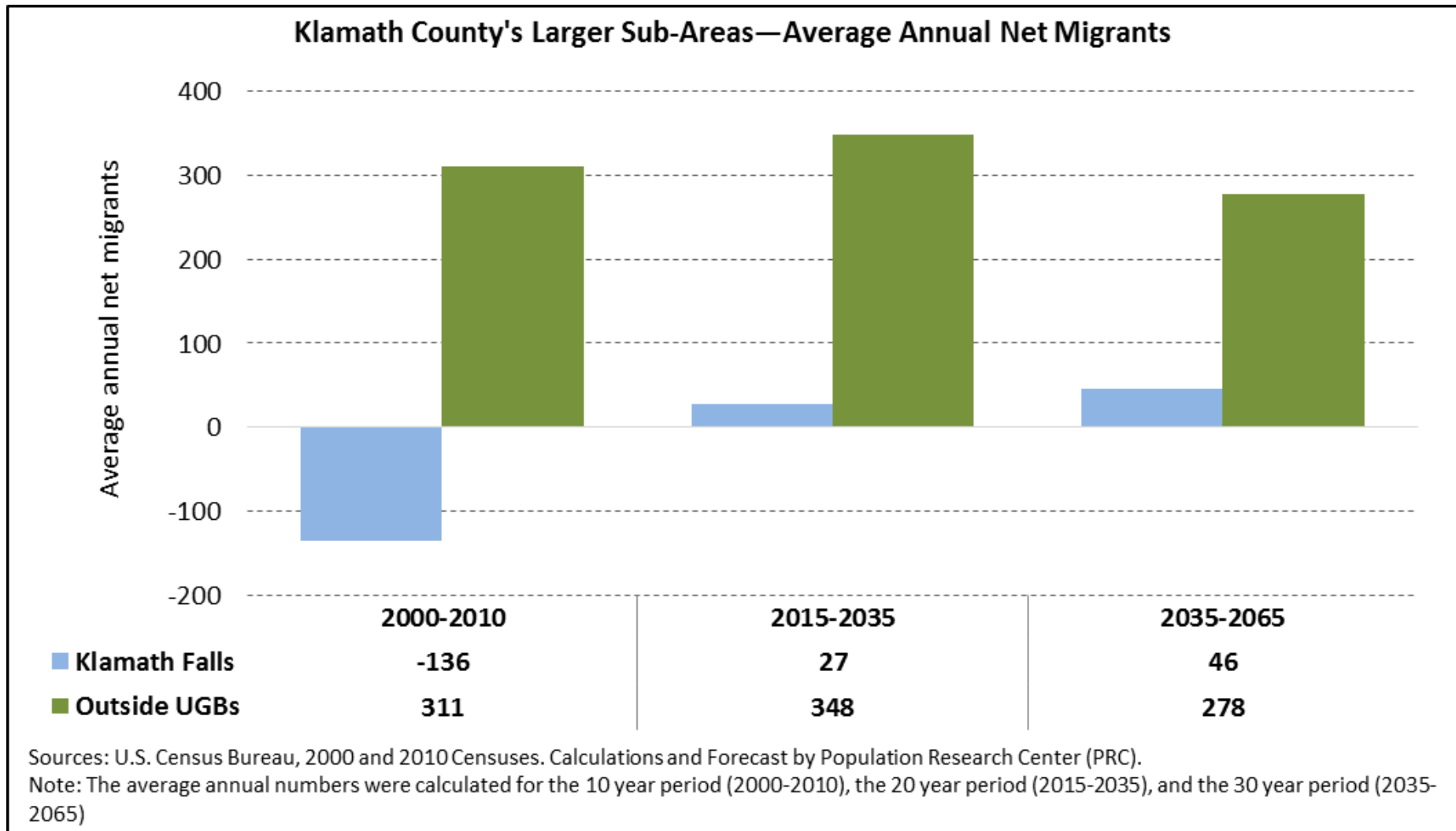


Sources: U.S. Census Bureau, 2000 and 2010 Censuses. Calculations and Forecast by Population Research Center (PRC).

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.

Klamath County—Age Structure of the Population





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>Klamath County</i>	67,043	72,164	69,591	0.4%	-0.1%	100.0%	100.0%	100.0%
Klamath Falls ¹	43,093	45,363	45,907	0.3%	0.0%	64.3%	62.9%	66.0%
Smaller UGBs ²	2,984	3,267	3,707	0.5%	0.4%	4.5%	4.5%	5.3%
Outside UGBs	20,966	23,534	19,977	0.6%	-0.5%	31.3%	32.6%	28.7%

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.

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>Klamath County</i>	67,043	72,164	69,591	0.4%	-0.1%	100.0%	100.0%	100.0%
Bonanza ¹	441	513	641	0.8%	0.7%	0.7%	0.7%	0.9%
Chiloquin	768	803	849	0.2%	0.2%	1.1%	1.1%	1.2%
Malin	833	926	1,035	0.5%	0.4%	1.2%	1.3%	1.5%
Merrill	942	1,026	1,182	0.4%	0.5%	1.4%	1.4%	1.7%
Larger UGBs ²	43,093	45,363	45,907	0.3%	0.0%	64.3%	62.9%	66.0%
Outside UGBs	20,966	23,534	19,977	0.6%	-0.5%	31.3%	32.6%	28.7%

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 Klamath County and its Sub-Areas

	Historical			Forecast				
	2000	2010	AAGR (2000-2010)	2015	2035	2065	AAGR (2015-2035)	AAGR (2035-2065)
<i>Klamath County</i>	63,775	66,380	0.4%	67,043	72,164	69,591	0.4%	-0.1%
Bonanza ¹	400	401	0.0%	441	513	641	0.8%	0.7%
Chiloquin	739	766	0.4%	768	803	849	0.2%	0.2%
Klamath Falls	41,541	42,567	0.2%	43,093	45,363	45,907	0.3%	0.0%
Malin	661	836	2.4%	833	926	1,035	0.5%	0.4%
Merrill	960	939	-0.2%	942	1,026	1,182	0.4%	0.5%
Outside UGBs	19,474	20,871	0.7%	20,966	23,534	19,977	0.6%	-0.5%

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