Oregon Population Forecast Program

Regional Forecast Meeting – March 4, 2016

Preliminary Coordinated Forecasts for Grant 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, 2016; 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 Forecast

1. In general, we assume an increase in net in-migration.
   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 2045.
   b) Total fertility rates decline throughout the entire forecast period.
   c) Natural decrease already occurring, peaks 2045-2055.
3. Population decreases because net in-migration is not offsetting natural decreases.

Preliminary Forecast Results

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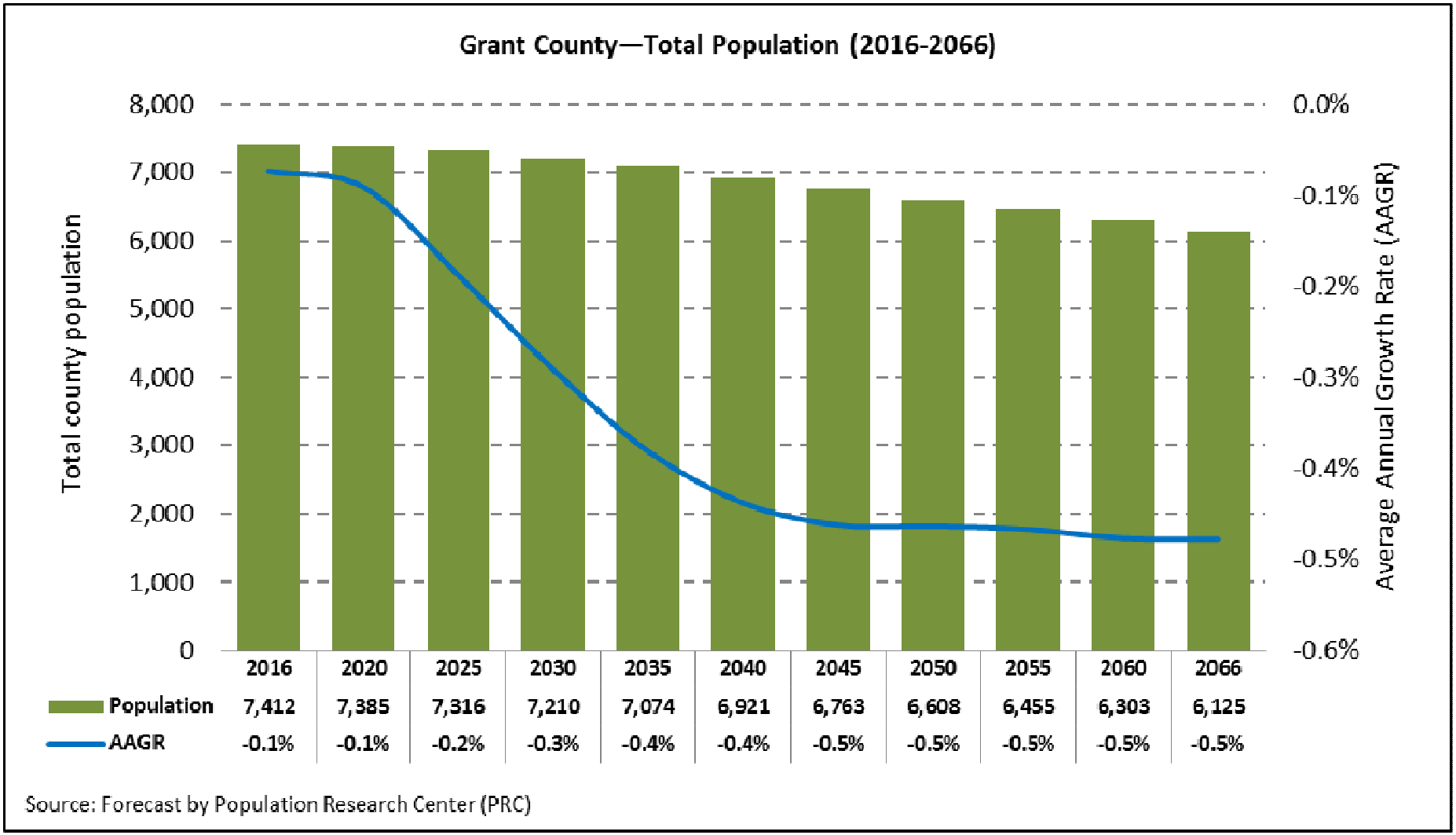

Source: Forecast by Population Research Center (PRC)

These numbers represent ***Preliminary*** Forecast Results

Preliminary Forecast Results

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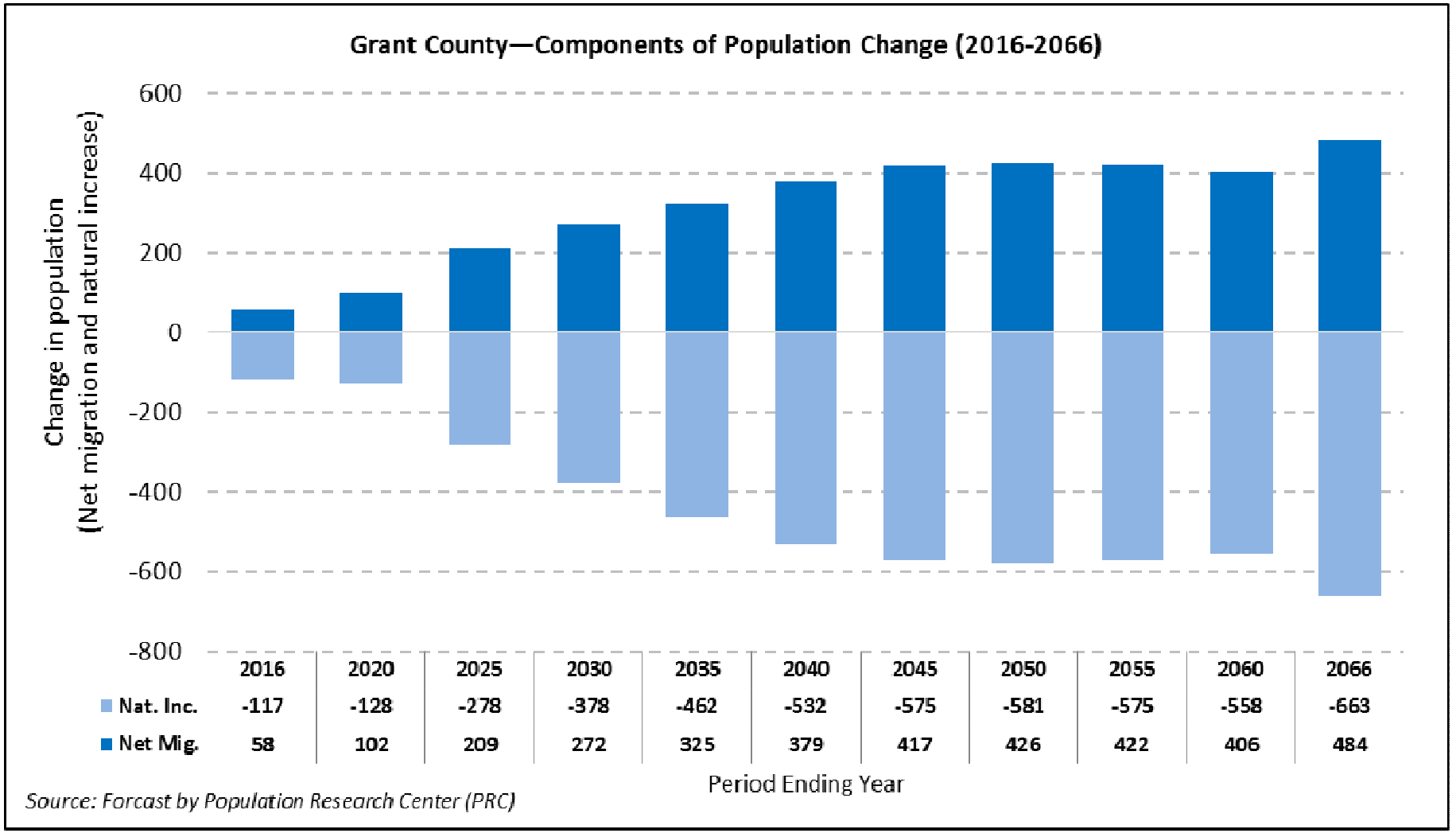

	2016	2020	2025	2030	2035	2040	2045	2050	2055	2060	2066
Nat. Inc.	-117	-128	-278	-378	-462	-532	-575	-581	-575	-558	-663
Net Mig.	58	102	209	272	325	379	417	426	422	406	484

Source: Forcast by Population Research Center (PRC)

These numbers represent ***Preliminary*** Forecast Results

Historical and Forecast Trends

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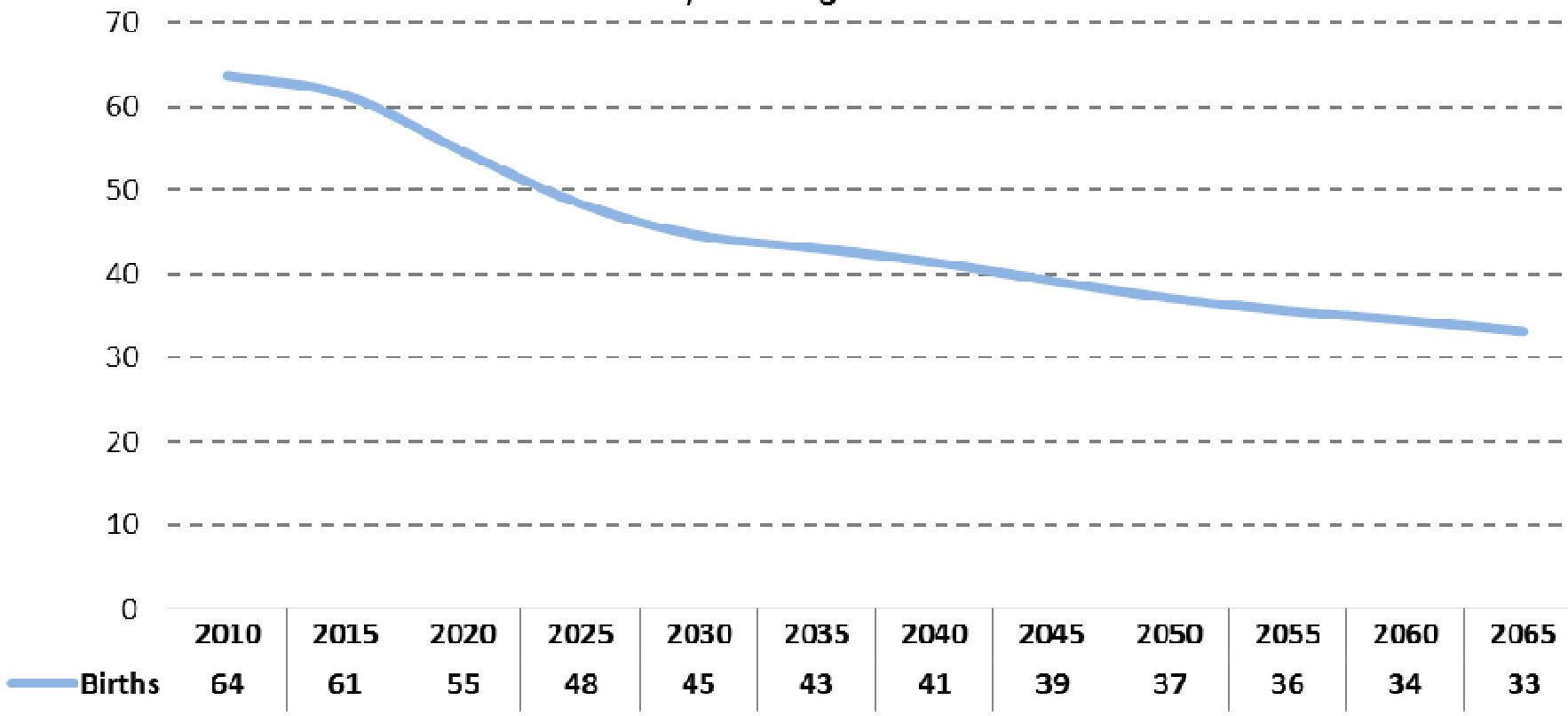

Sources: Oregon Health Authority, Center for Health Statistics. Calculations and Forecast by Population Research Center (PRC).
Note: The years signify the end of the period for which average annual numbers were calculated. The average annual numbers for "2010" were calculated for the 2000-2010 period, with the remaining years calculated for their preceding five-year periods.

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Historical and Forecast Trends

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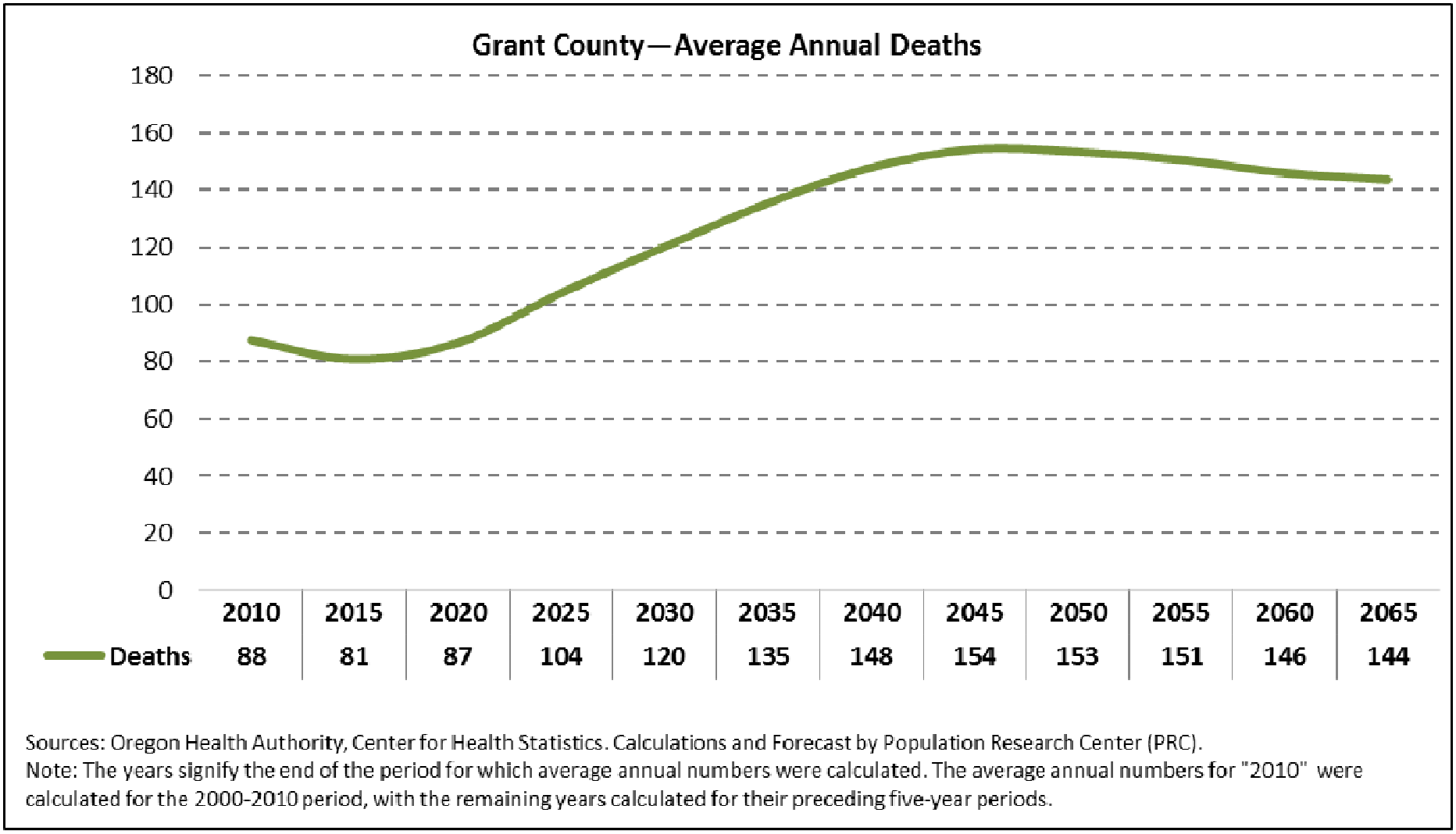

	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060	2065
Deaths	88	81	87	104	120	135	148	154	153	151	146	144

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.

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Historical and Forecast Trends

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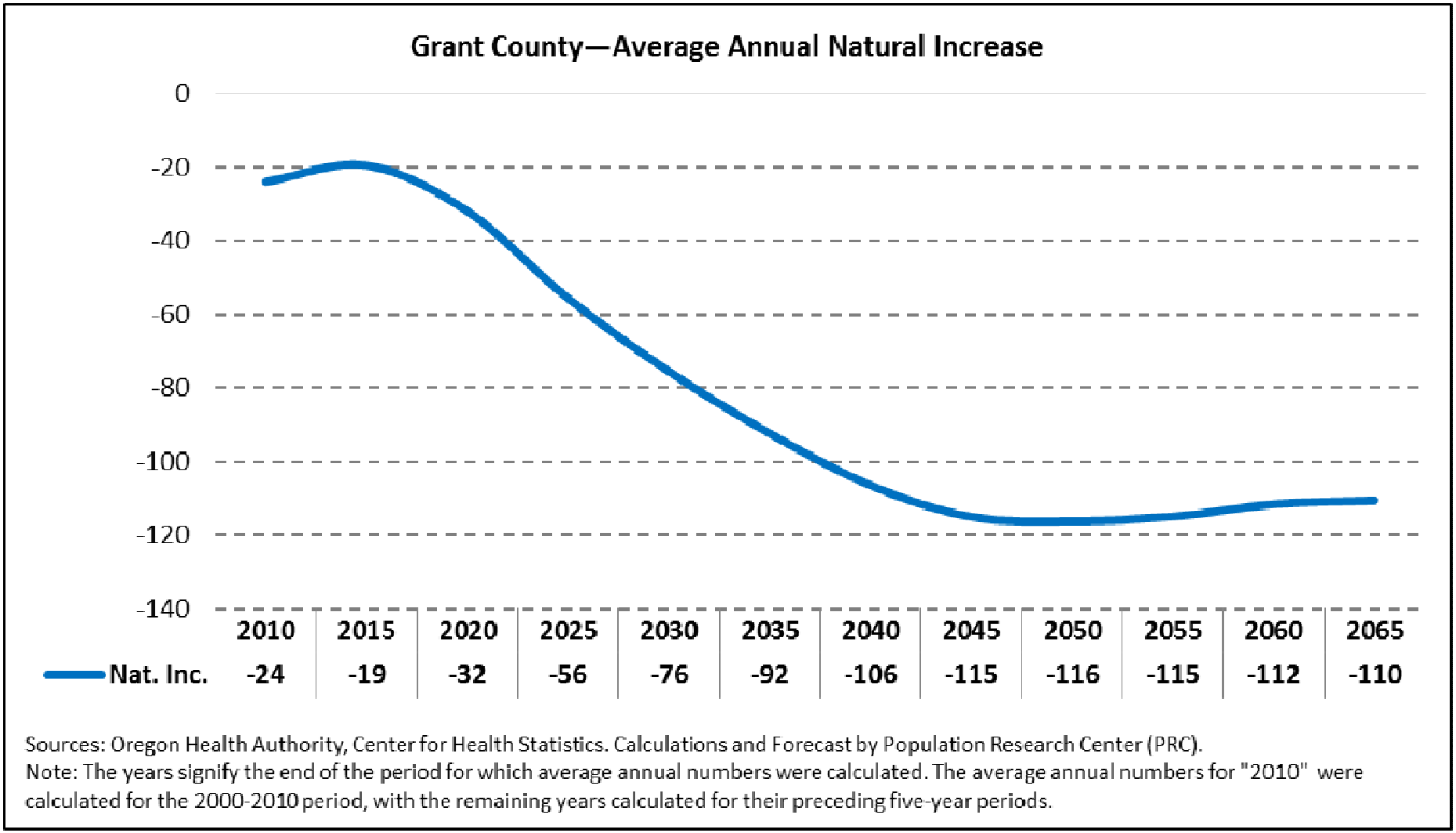

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Historical and Forecast Trends

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Total Fertility Rate (TFR)

	2000	2010	2015	2035	2065
Grant County	1.81	1.90	1.89	1.87	1.83
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

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Life Expectancy (Years)—Both Genders

	2000	2010	2060
Grant County	76.9	82.3	90.1
Oregon	77.9	79.6	86.9

Source: U.S. Census Bureau.

Historical and Forecast Trends

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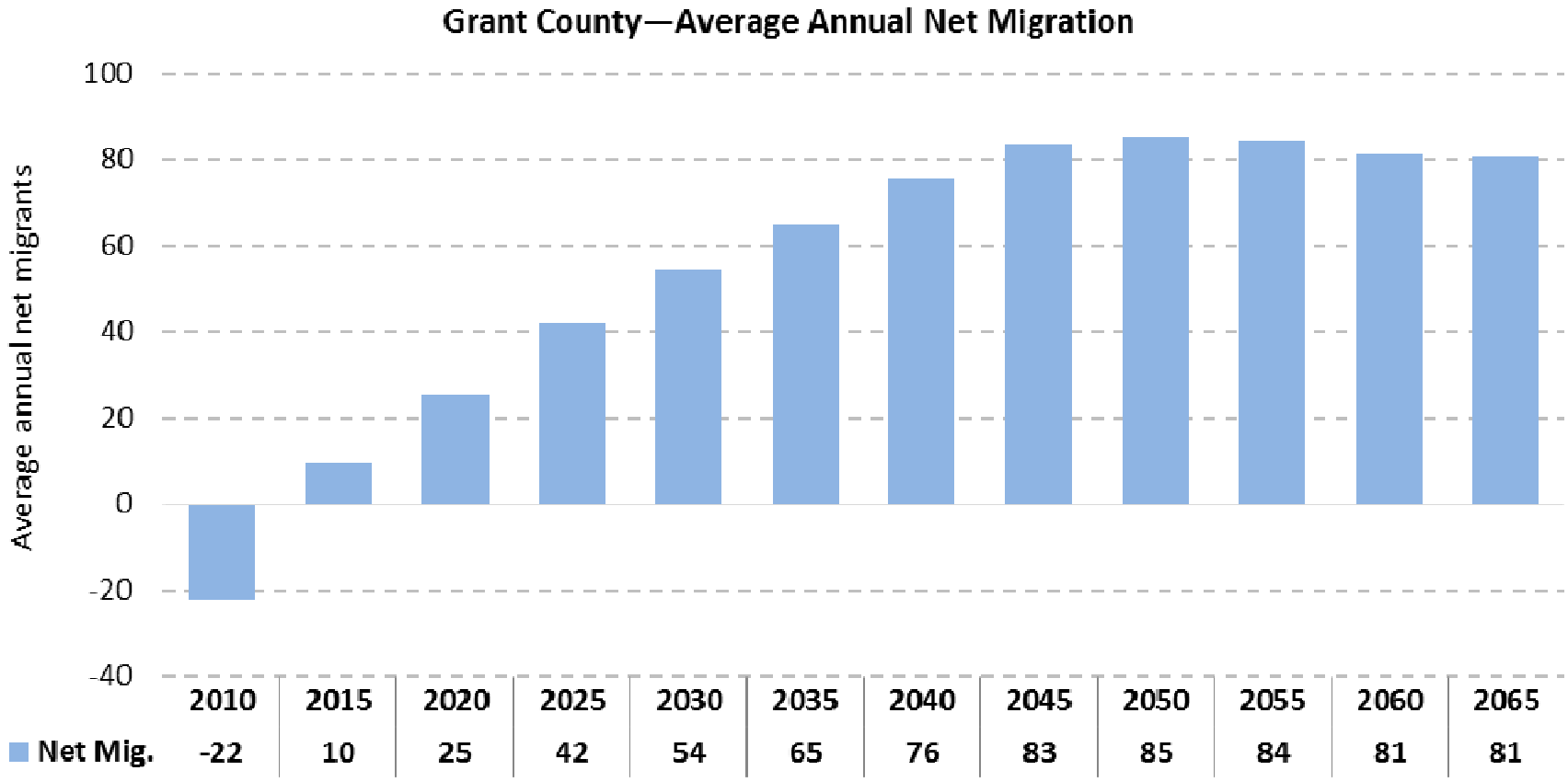

Sources: U.S. Census Bureau, 2000 and 2010 Censuses. Calculations and Forecast by Population Research Center (PRC).
Note: The years signify the end of the period for which average annual numbers were calculated. The average annual numbers for "2010" were calculated for the 2000-2010 period, with the remaining years calculated for their preceding five-year periods.

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Historical and Forecast Trends

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Grant County—Age Structure of the Population

Source: Forecast by Population Research Center (PRC)

These numbers represent ***Preliminary*** Forecast Results

Assumptions for Sub-Area Forecasts

1. We assume population loss rates are lower in the near-term.
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 sub-areas where population growth has been flat or declined, and there is no planned housing construction, we tend to hold population growth fairly stable with little change.
4. For sub-areas with slight historical increases, natural decrease will cause population loss.

Preliminary Forecast Results

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County and Sub-Areas—Population and Average Annual Growth Rate (AAGR) (2016, 2035, and 2066)

	2016	2035	2066	AAGR (2016-2035)	AAGR (2035-2066)	Share of County 2016	Share of County 2035	Share of County 2066
Grant County	*7,412*	*7,074*	*6,125*	*-0.2%*	*-0.5%*	*100.0%*	*100.0%*	*100.0%*
Canyon City UGB	751	777	789	0.2%	0.0%	10.1%	11.0%	12.9%
Dayville UGB	150	140	111	-0.4%	-0.7%	2.0%	2.0%	1.8%
Granite UGB	38	36	29	-0.4%	-0.7%	0.5%	0.5%	0.5%
John Day UGB	2,106	2,043	1,837	-0.2%	-0.3%	28.4%	28.9%	30.0%
Long Creek UGB	197	184	155	-0.4%	-0.6%	2.7%	2.6%	2.5%
Monument UGB	128	119	100	-0.4%	-0.6%	1.7%	1.7%	1.6%
Mt. Vernon UGB	525	491	406	-0.4%	-0.6%	7.1%	6.9%	6.6%
Prairie City UGB	908	847	713	-0.4%	-0.6%	12.3%	12.0%	11.6%
Seneca UGB	209	195	159	-0.4%	-0.7%	2.8%	2.8%	2.6%
Outside UGBs	2,400	2,242	1,826	-0.4%	-0.7%	32.4%	31.7%	29.8%

Source: Forecast by Population Research Center (PRC)

Historical and Forecast Trends

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

	Historical			Forecast				
	2000	2010	AAGR (2000-2010)	2016	2035	2066	AAGR (2016-2035)	AAGR (2035-2066)
Grant County	*7,935*	*7,445*	*-0.6%*	*7,412*	*7,074*	*6,125*	*-0.2%*	*-0.5%*
Canyon City UGB	699	739	0.6%	751	777	789	0.2%	0.0%
Dayville UGB	136	149	0.9%	150	140	111	-0.4%	-0.7%
Granite UGB	24	38	4.6%	38	36	29	-0.4%	-0.7%
John Day UGB	2,169	2,126	-0.2%	2,106	2,043	1,837	-0.2%	-0.3%
Long Creek UGB	228	197	-1.5%	197	184	155	-0.4%	-0.6%
Monument UGB	151	128	-1.7%	128	119	100	-0.4%	-0.6%
Mt. Vernon UGB	604	535	-1.2%	525	491	406	-0.4%	-0.6%
Prairie City UGB	1,083	909	-1.8%	908	847	713	-0.4%	-0.6%
Seneca UGB	223	199	-1.1%	209	195	159	-0.4%	-0.7%
Outside UGBs	2,618	2,425	-0.8%	2,400	2,242	1,826	-0.4%	-0.7%

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

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Local Input and Additional Information

- Questions?
- Discussion time