

Oregon Population Forecast Program

Regional Forecast Meeting – March 4, 2016

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

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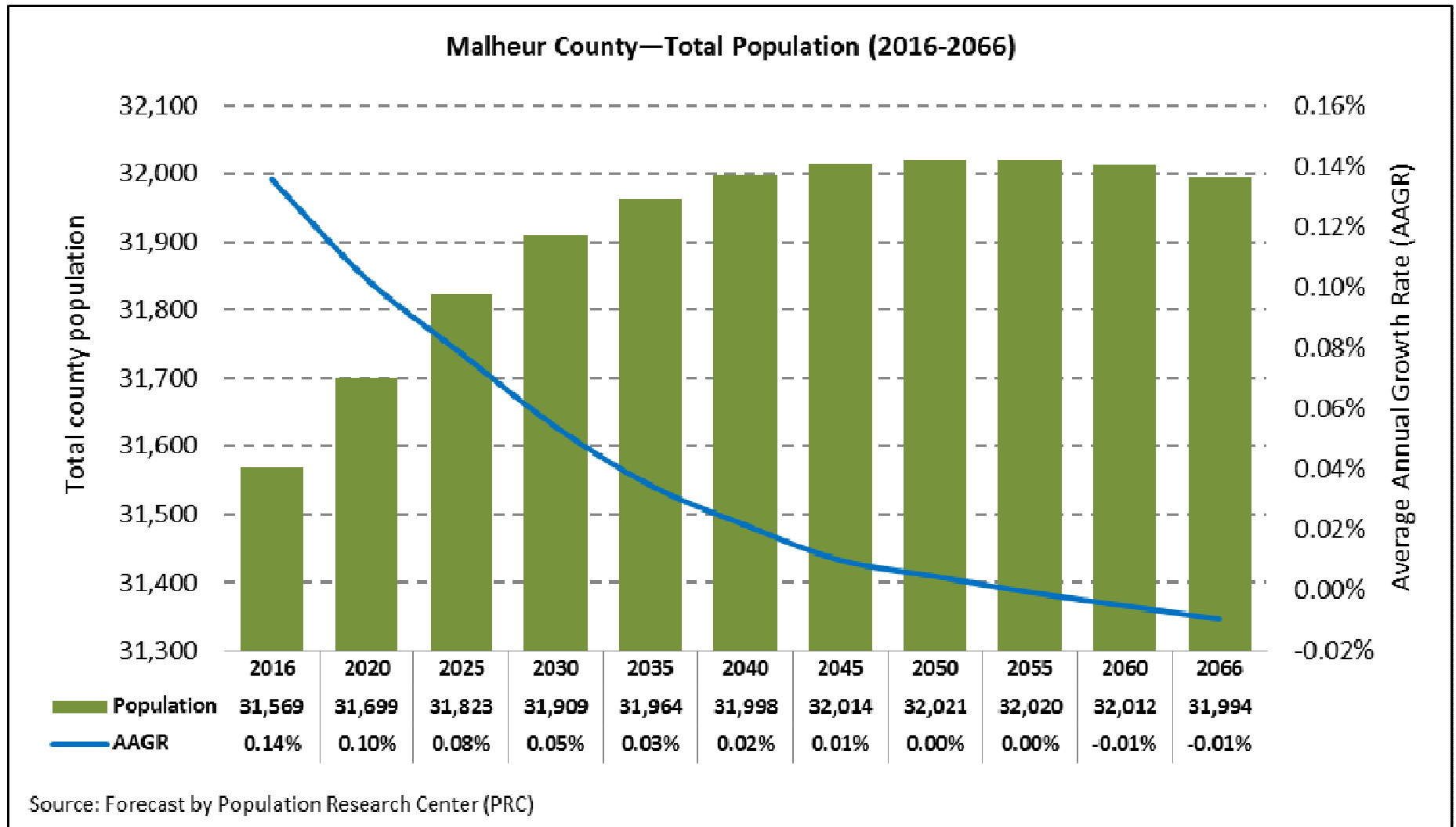
Agenda

- Present and discuss preliminary forecast results
 - Proposed Forecasts by March 31st, 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 and Larger Sub-Area Forecasts

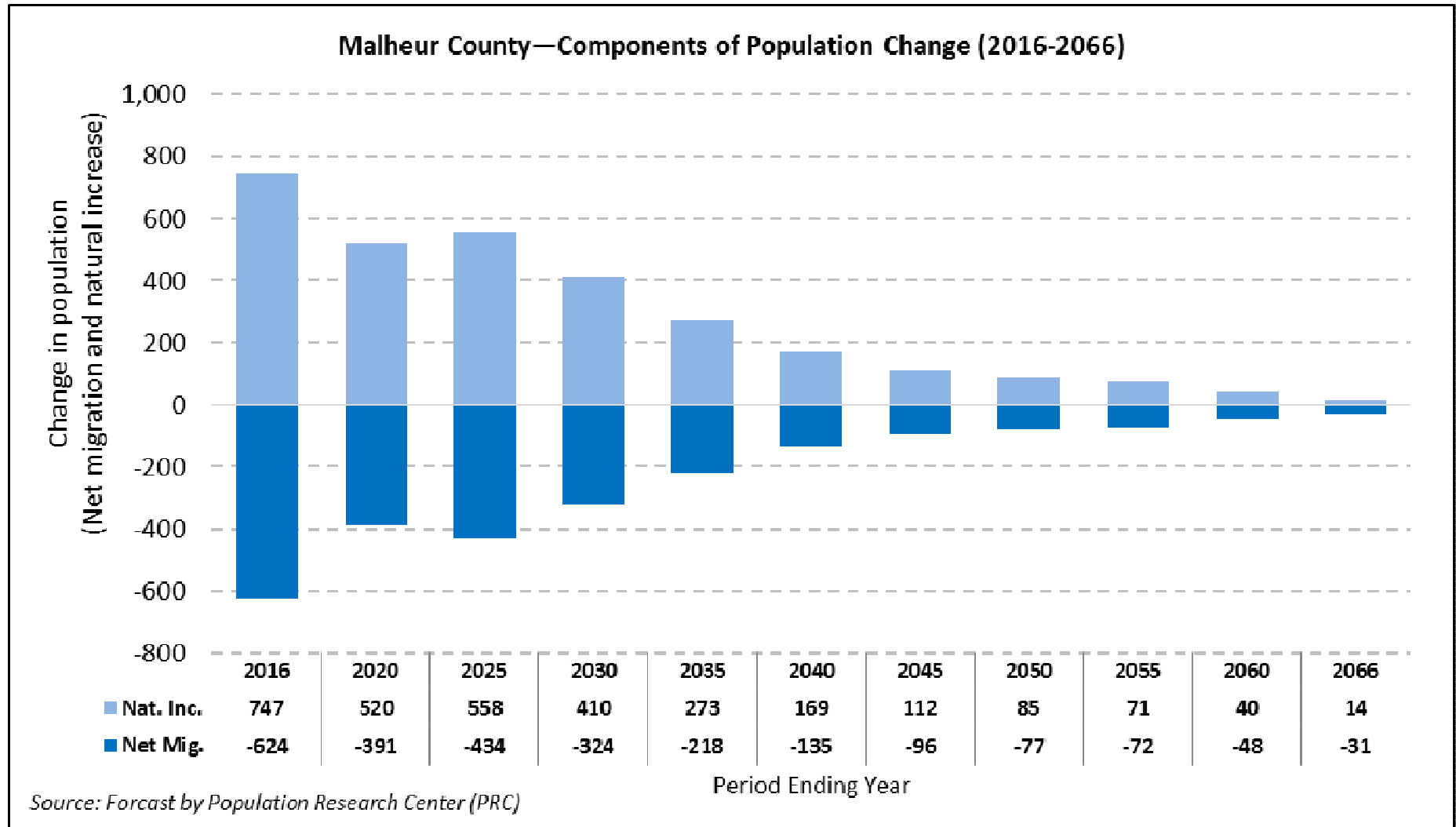
1. In general, as the economy continues to strengthen we assume an increase in net in-migration and a corresponding growth in housing construction.
 - a) Net in-migration will accelerate in the near-term and then stabilize over time.
2. We incorporate national trends into our assumptions for fertility and mortality rates.
 - a) As a result of aging Baby Boomers, deaths increase over the entire period.
 - b) Total fertility rates decline throughout the entire forecast period.
 - c) As a result, the 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) Net in-migration is offset by natural decrease, so population growth is slight.

Preliminary Forecast Results



These numbers represent **Preliminary** Forecast Results

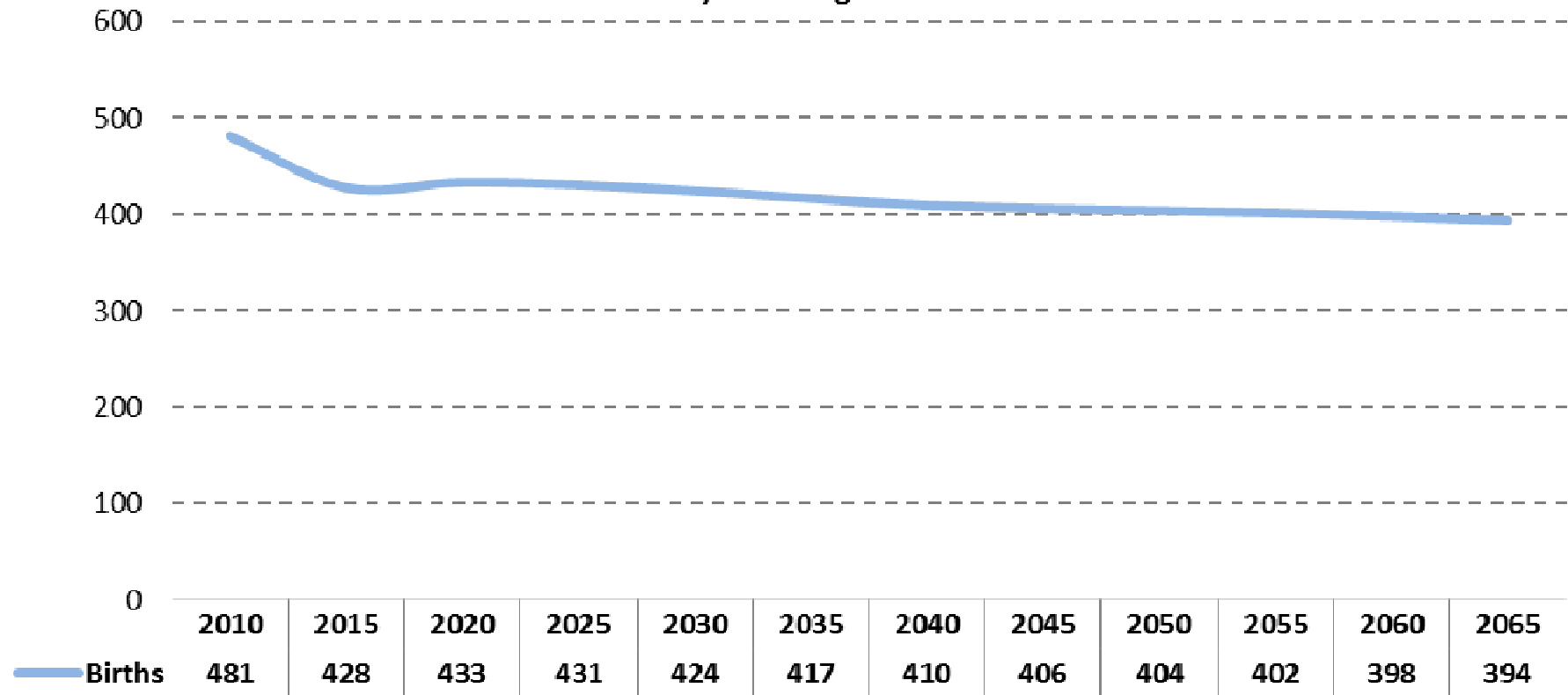
Preliminary Forecast Results



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Historical and Forecast Trends

Malheur County—Average Annual Births



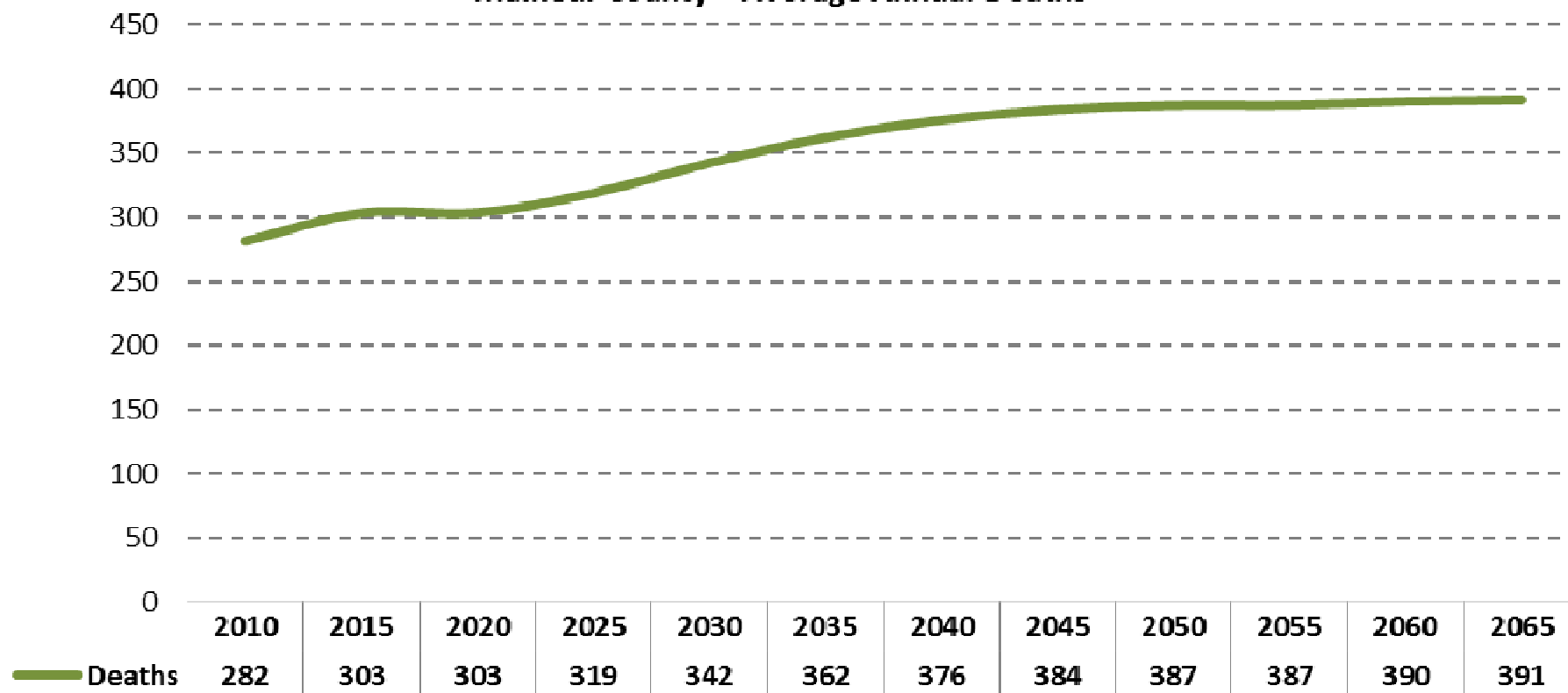
Sources: Oregon Health Authority, Center for Health Statistics. Calculations and Forecast by Population Research Center (PRC).

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.

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Historical and Forecast Trends

Malheur County—Average Annual Deaths



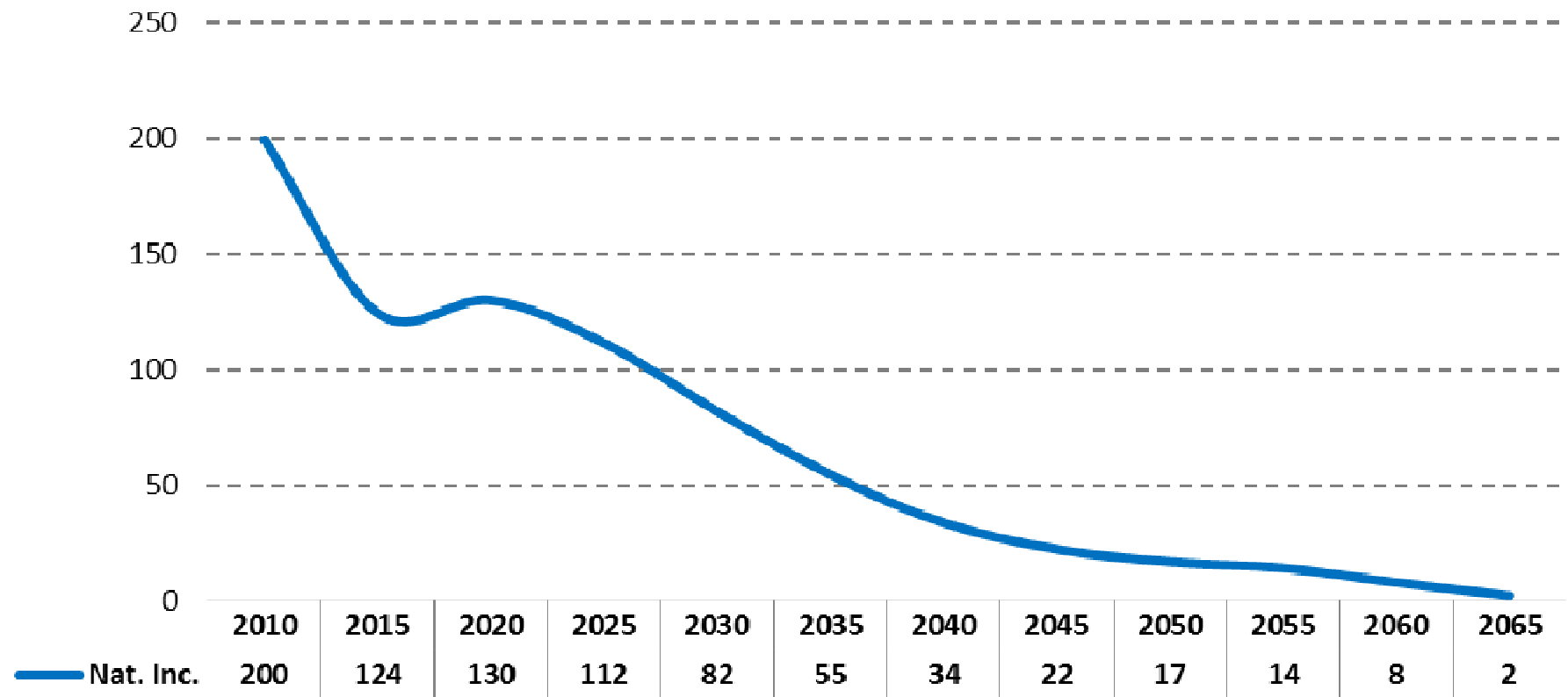
Sources: Oregon Health Authority, Center for Health Statistics. Calculations and Forecast by Population Research Center (PRC).

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.

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Historical and Forecast Trends

Malheur 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.

These numbers represent **Preliminary** Forecast Results

Total Fertility Rate (TFR)

	2000	2010	2015	2035	2065
Malheur County	2.95	2.80	2.16	2.13	2.09
Oregon	1.98	1.80	1.83	1.78	1.73

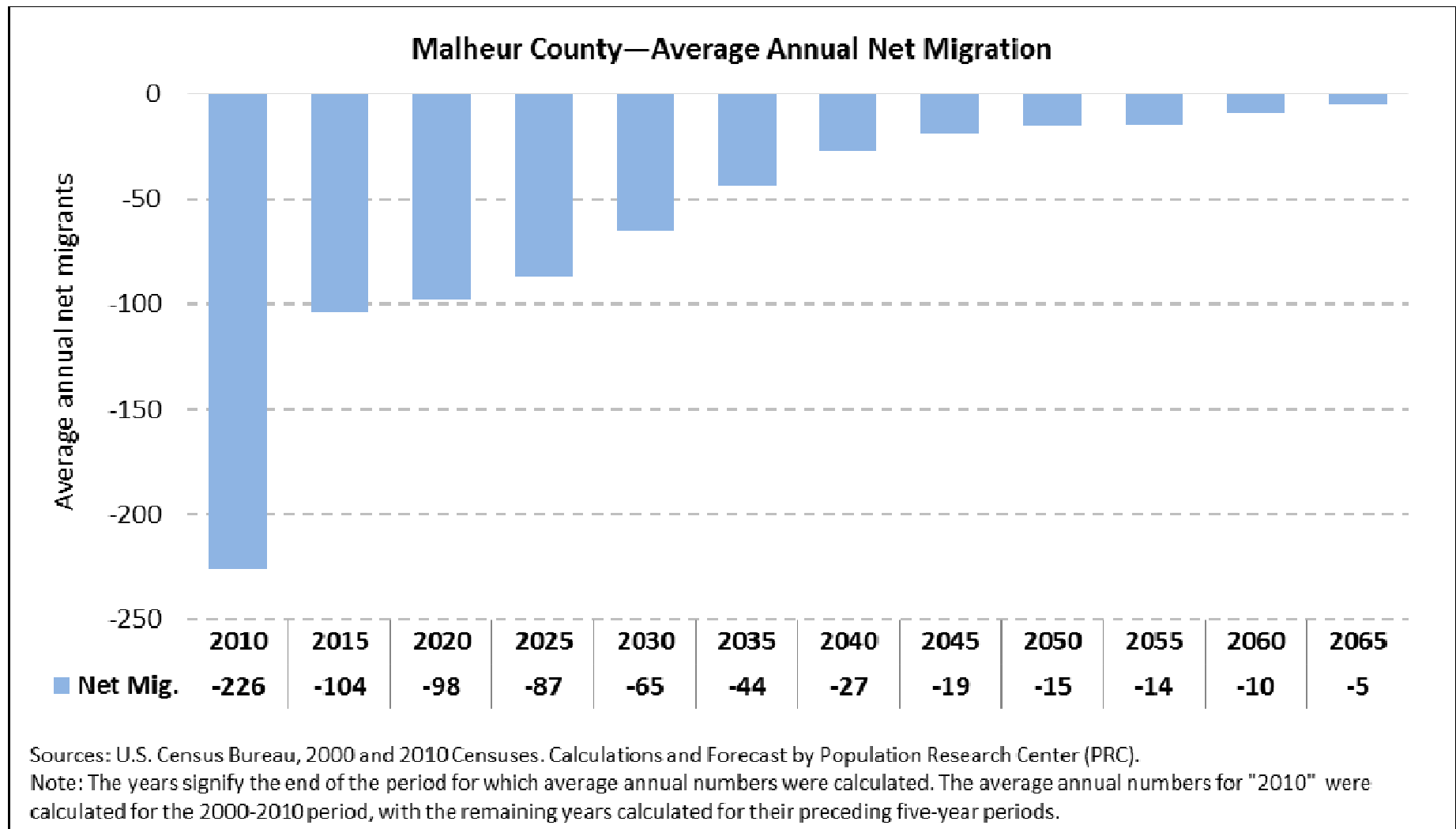
Sources: U.S. Census Bureau, 2000 and 2010 Censuses. Oregon Health Authority, Center for Health Statistics. Calculations and Forecast by Population Research Center (PRC).

Life Expectancy (Years)—Both Genders

	2000	2010	2060
Malheur County	78.1	78.8	86.2
Oregon	77.9	79.6	86.9

Source: U.S. Census Bureau.

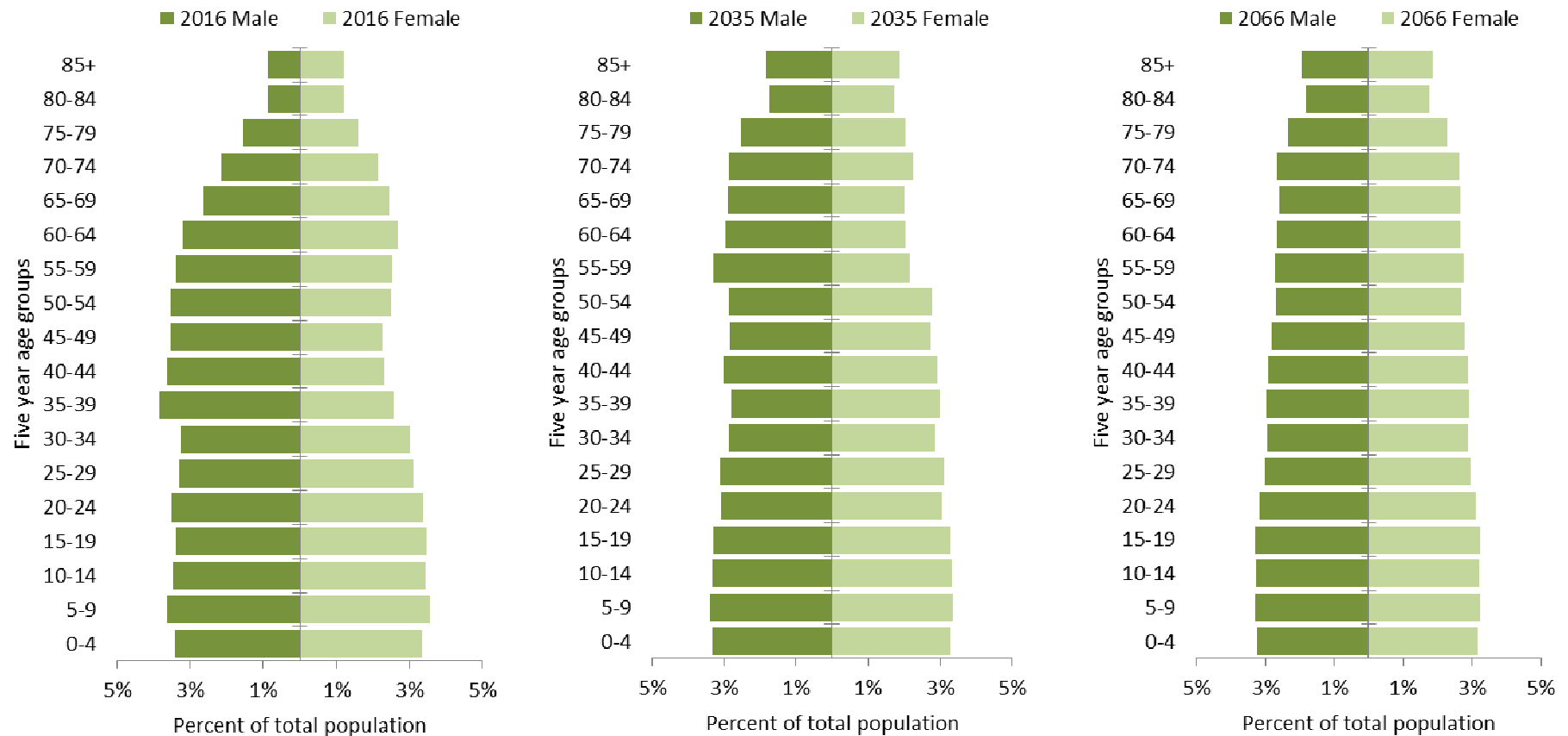
Historical and Forecast Trends



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Historical and Forecast Trends

Malheur County—Age Structure of the Population

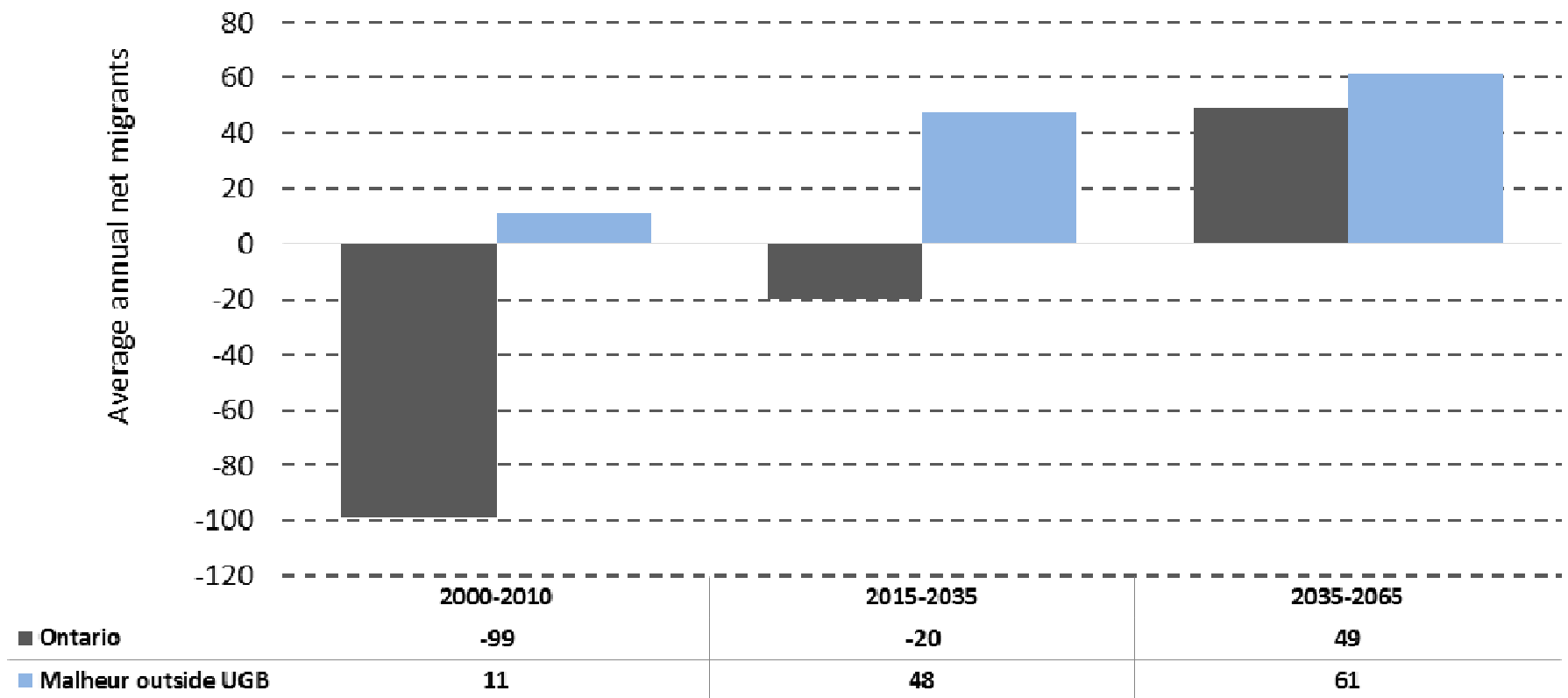


Source: Forecast by Population Research Center (PRC)

These numbers represent **Preliminary** Forecast Results

Historical and Forecast Trends

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)

These numbers represent **Preliminary** Forecast Results

Preliminary Forecast Results

County and Larger 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
<i>Malheur County</i>	31,569	31,964	31,994	0.1%	0.0%	100.0%	100.0%	100.0%
Ontario UGB	12,552	12,763	12,896	0.1%	0.0%	39.8%	39.9%	40.3%
Smaller UGBs	5,967	5,881	5,598	-0.1%	-0.2%	18.9%	18.4%	17.5%
Outside UGBs	13,049	13,320	13,500	0.1%	0.0%	41.3%	41.7%	42.2%

Source: Forecast by Population Research Center (PRC)

Note 1: 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 hold population growth stable with little to no change.

Preliminary Forecast Results

County and Smaller 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
<i>Malheur County</i>	<i>31,569</i>	<i>31,964</i>	<i>31,994</i>	<i>0.1%</i>	<i>0.0%</i>	<i>100.0%</i>	<i>100.0%</i>	<i>100.0%</i>
Adrian UGB	182	192	192	0.3%	0.0%	0.6%	0.6%	0.6%
Jordan Valley UGB	175	178	173	0.1%	-0.1%	0.6%	0.6%	0.5%
Nyssa UGB	3,474	3,449	3,303	0.0%	-0.1%	11.0%	10.8%	10.3%
Vale UGB	2,136	2,063	1,930	-0.2%	-0.2%	6.8%	6.5%	6.0%
Larger UGBs	12,552	12,763	12,896	0.1%	0.0%	39.8%	39.9%	40.3%
Outside UGBs	13,049	13,320	13,500	0.1%	0.0%	41.3%	41.7%	42.2%

Source: Forecast by Population Research Center (PRC)

Note 1: Larger UGBs are those with populations equal to or greater than 7,000 in forecast launch year.

These numbers represent **Preliminary** Forecast Results

Historical and Forecast Trends

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

	Historical			Forecast				
	2000	2010	AAGR (2000-2010)	2016	2035	2066	AAGR (2016-2035)	AAGR (2035-2066)
<i>Malheur County</i>	31,615	31,313	-0.1%	31,569	31,964	31,994	0.1%	0.0%
Adrian UGB	147	177	1.9%	182	192	192	0.3%	0.0%
Jordan Valley UGB	239	181	-2.8%	175	178	173	0.1%	-0.1%
Nyssa UGB	3,550	3,455	-0.3%	3,474	3,449	3,303	0.0%	-0.1%
Ontario UGB	12,280	12,296	0.0%	12,552	12,763	12,896	0.1%	0.0%
Vale UGB	2,554	2,141	-1.8%	2,136	2,063	1,930	-0.2%	-0.2%
Outside UGBs	12,845	13,063	0.2%	13,049	13,320	13,500	0.1%	0.0%

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

These numbers represent **Preliminary** Forecast Results

Local Input and Additional Information

- Questions?
- Discussion time