

# Oregon Population Forecast Program

## Regional Forecast Meeting - March 4, 2016

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

# Oregon Population Forecast Program Project Team

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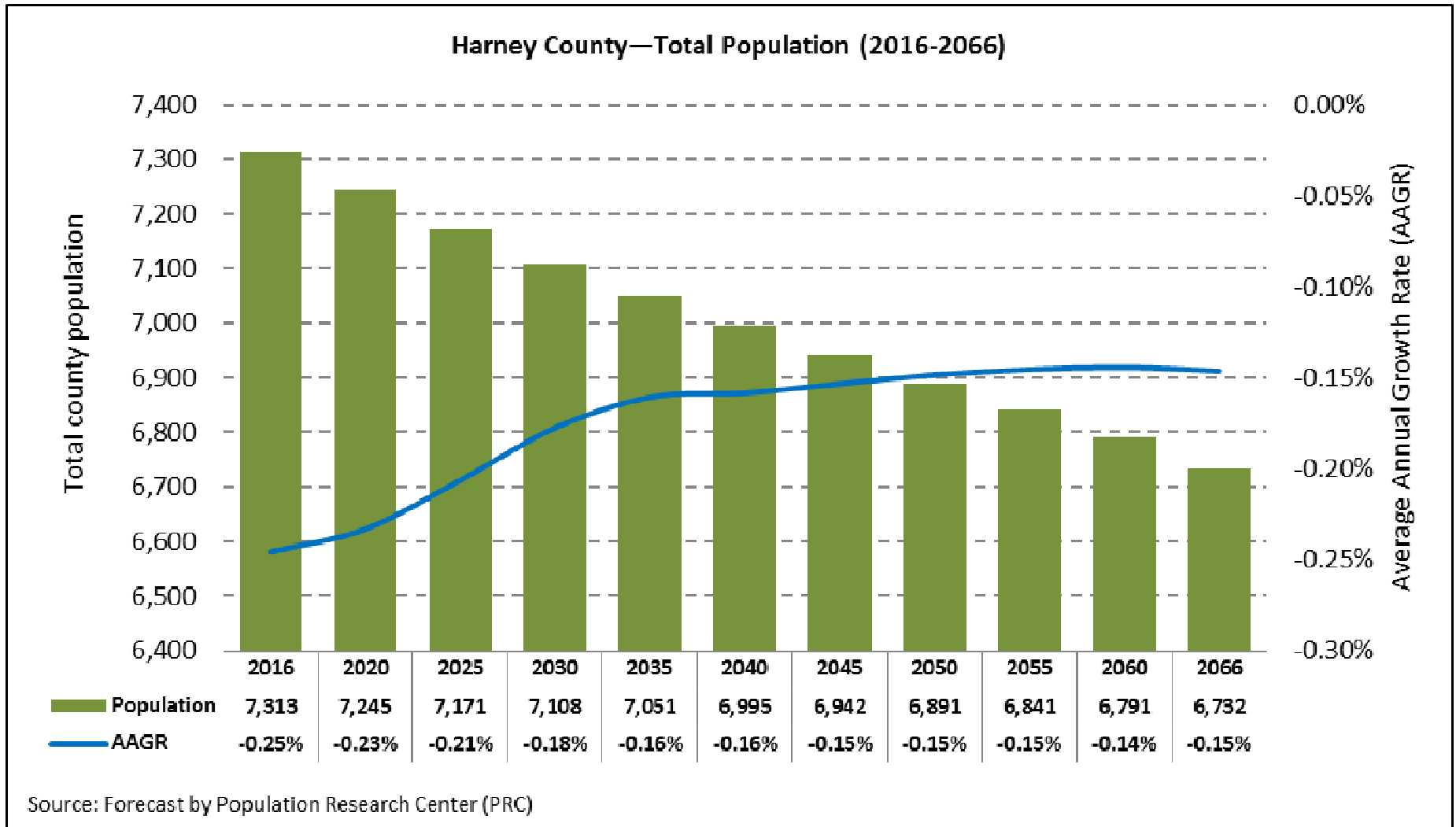
# Agenda

- 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

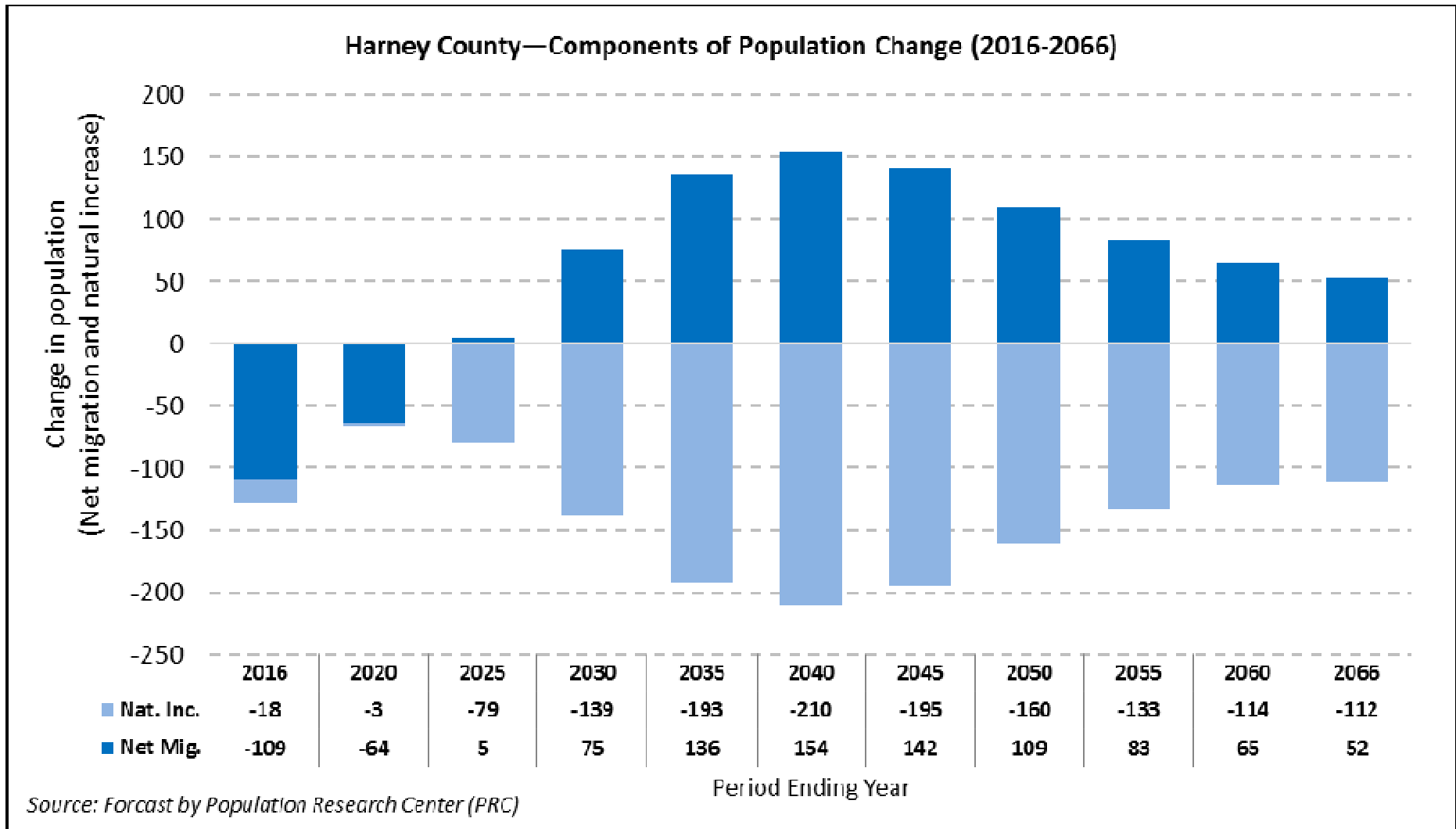
1. In general, as the economy continues to strengthen we assume net out-migration will decrease and in 2025 net in-migration will begin to occur.
2. We incorporate national trends into our assumptions for fertility and mortality rates.
  - a) As a result of aging Baby Boomers, deaths increase and peak in 2040.
  - b) Total fertility rates decline throughout the entire forecast period; although only slightly in some areas.
  - c) Natural decrease already occurring continues, peaks at 2040 and then the magnitude lessens.
3. Population declines but at a slower rate over the whole period.

# Preliminary Forecast Results



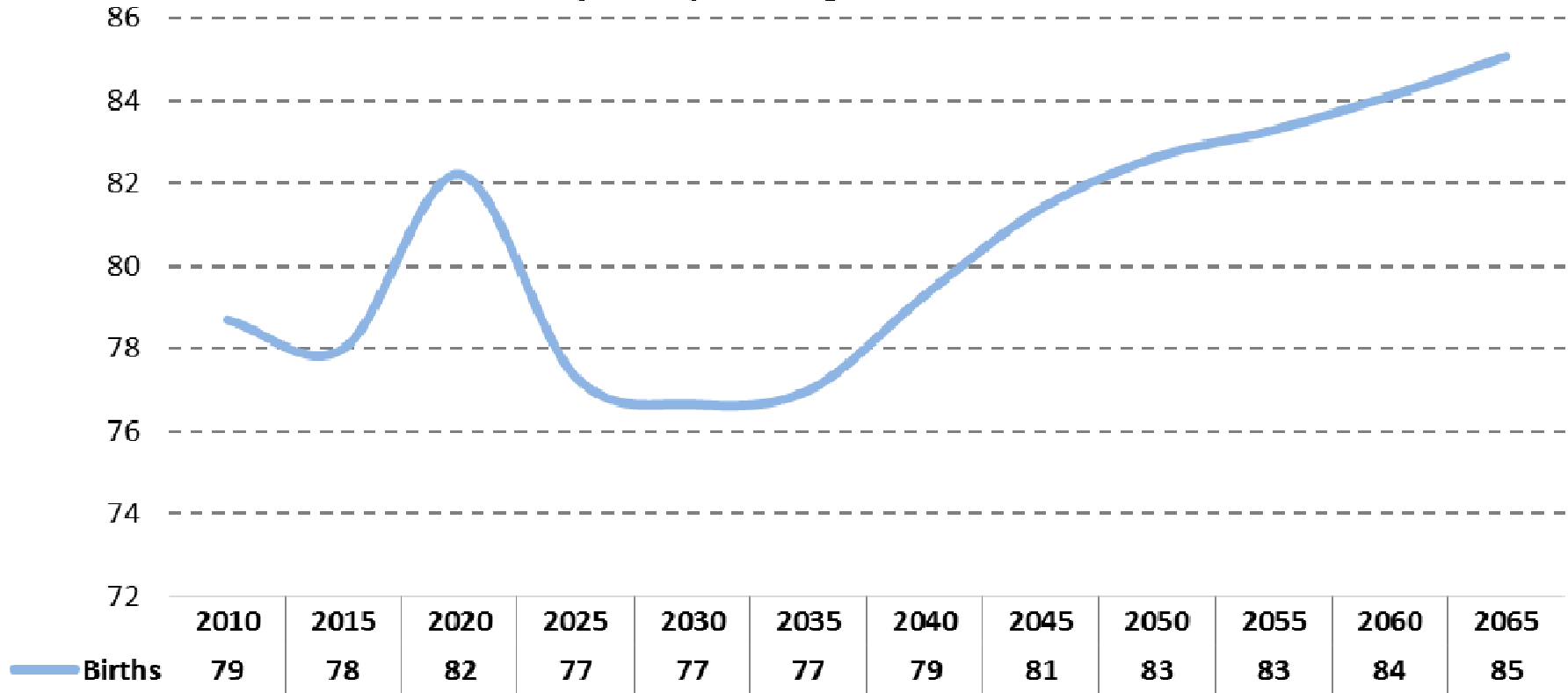
These numbers represent **Preliminary** Forecast Results

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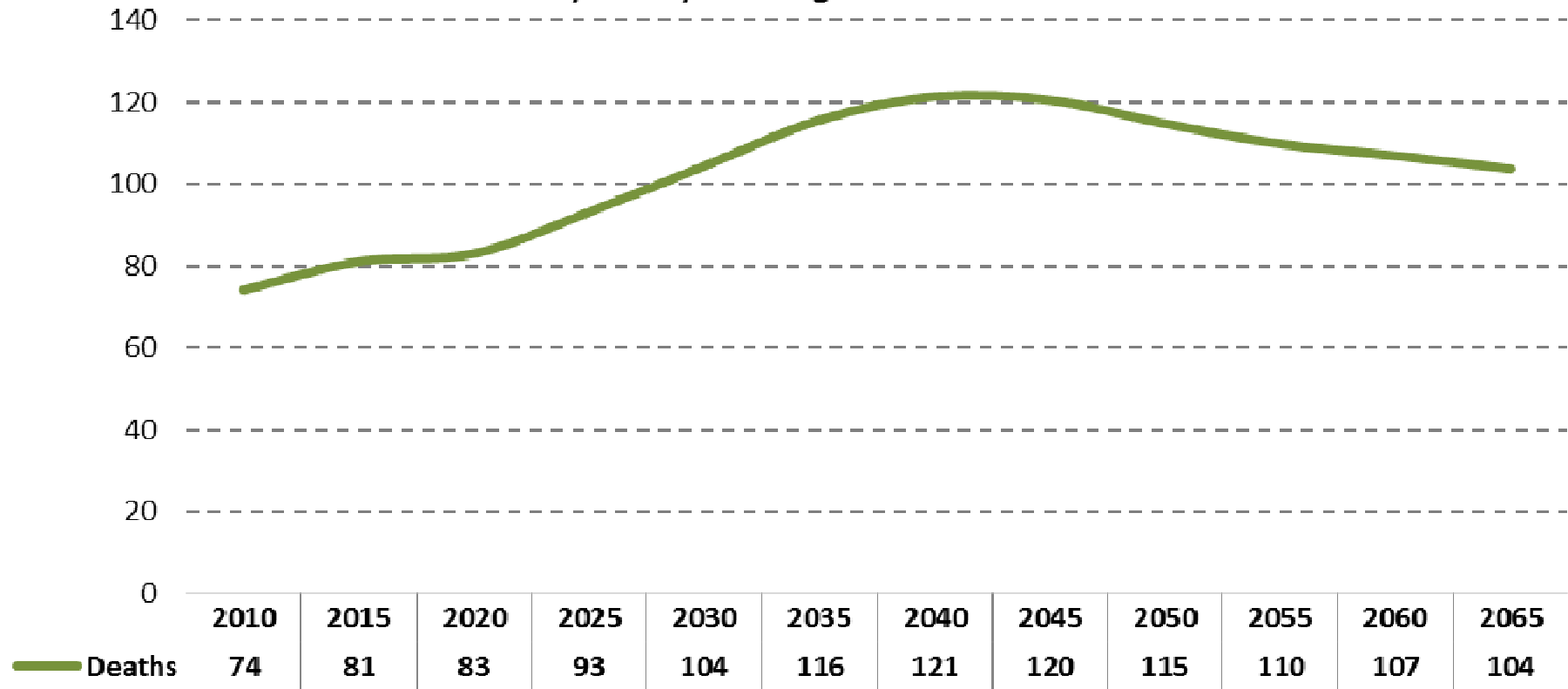
Harney County—Average Annual Births



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.

Harney County—Average Annual Deaths

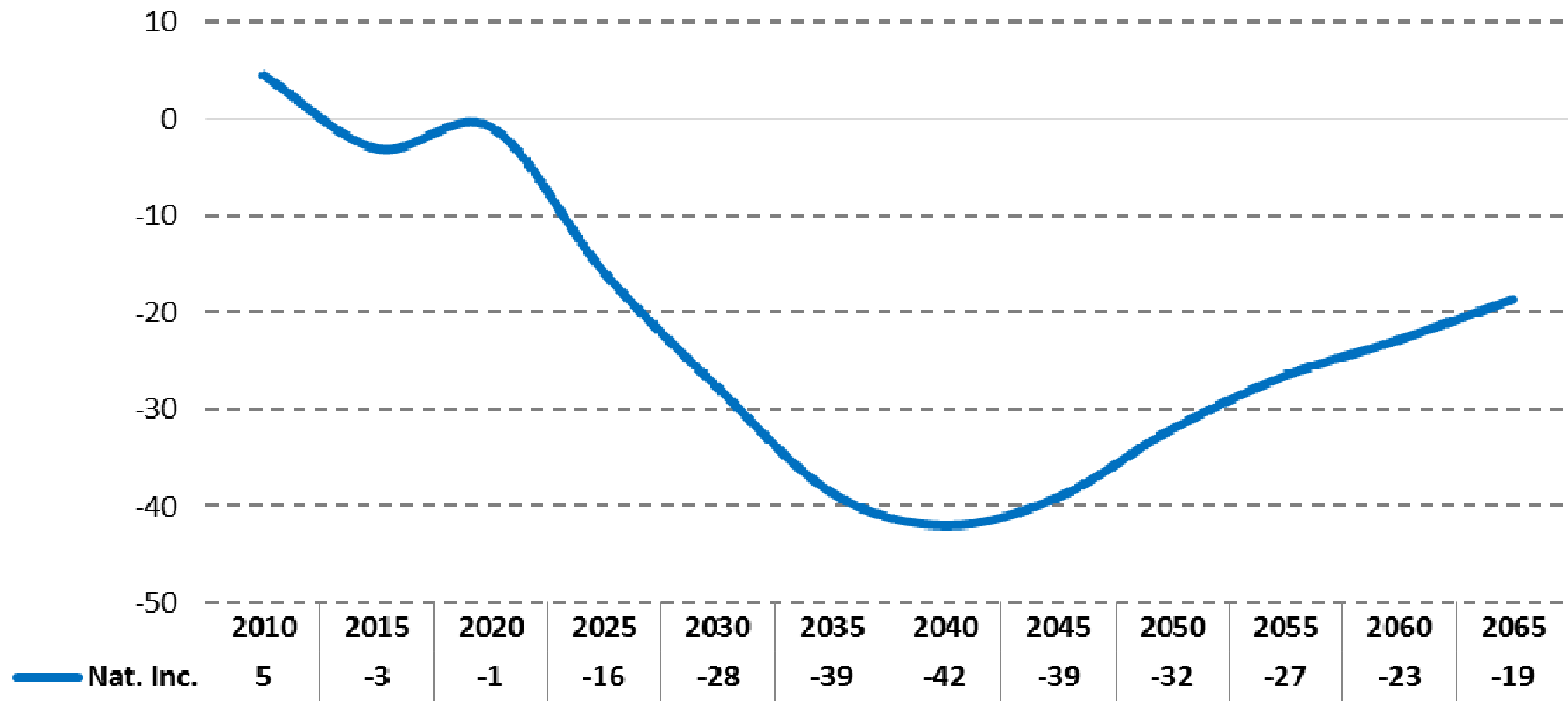


Sources: Oregon Health Authority, Center for Health Statistics. Calculations and Forecast by Population Research Center (PRC).

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.



Harney 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)

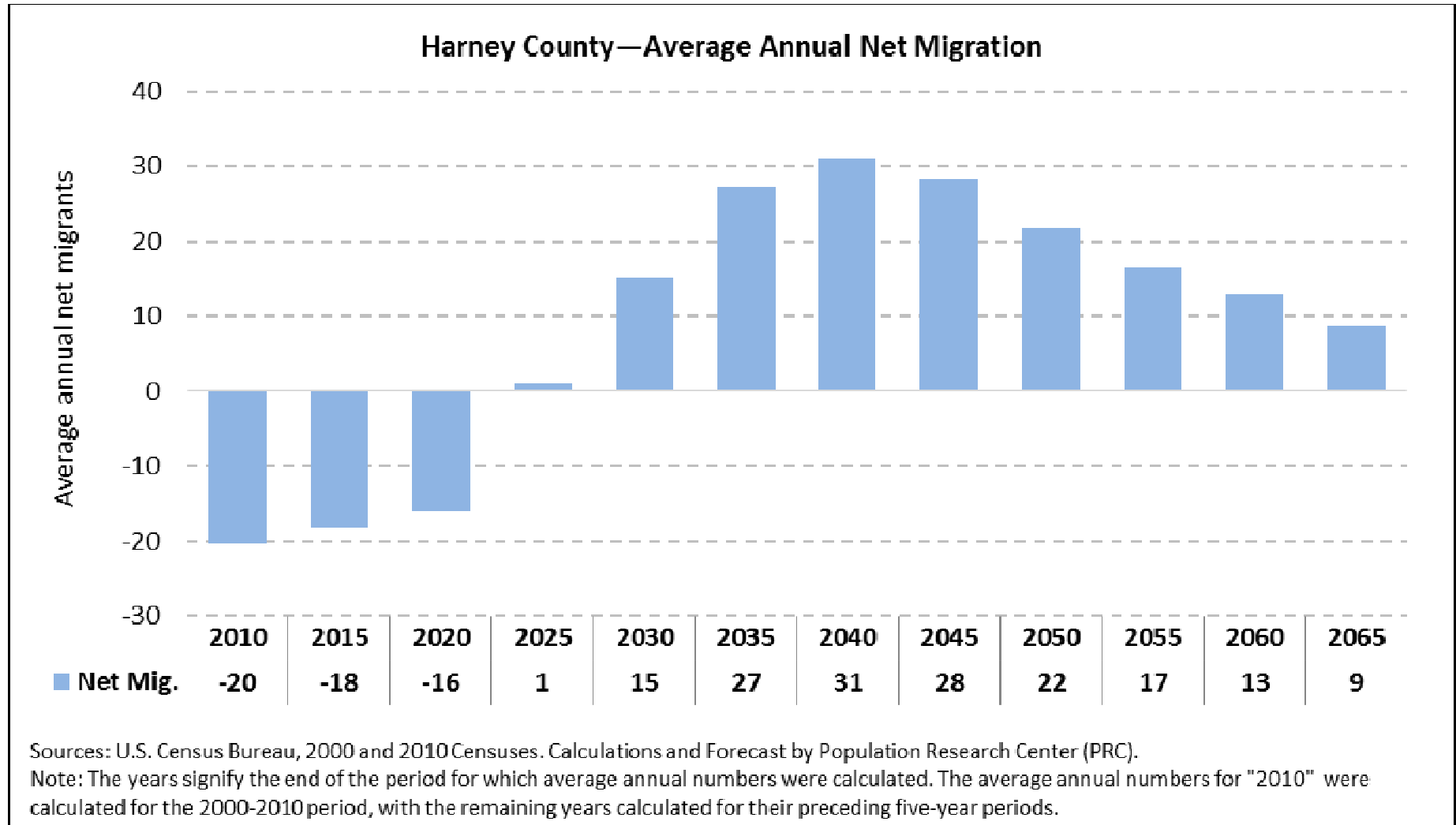
	2000	2010	2015	2035	2065
<b>Harney County</b>	2.40	2.45	2.44	2.42	2.37
<b>Oregon</b>	1.98	1.80	1.83	1.78	1.73

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

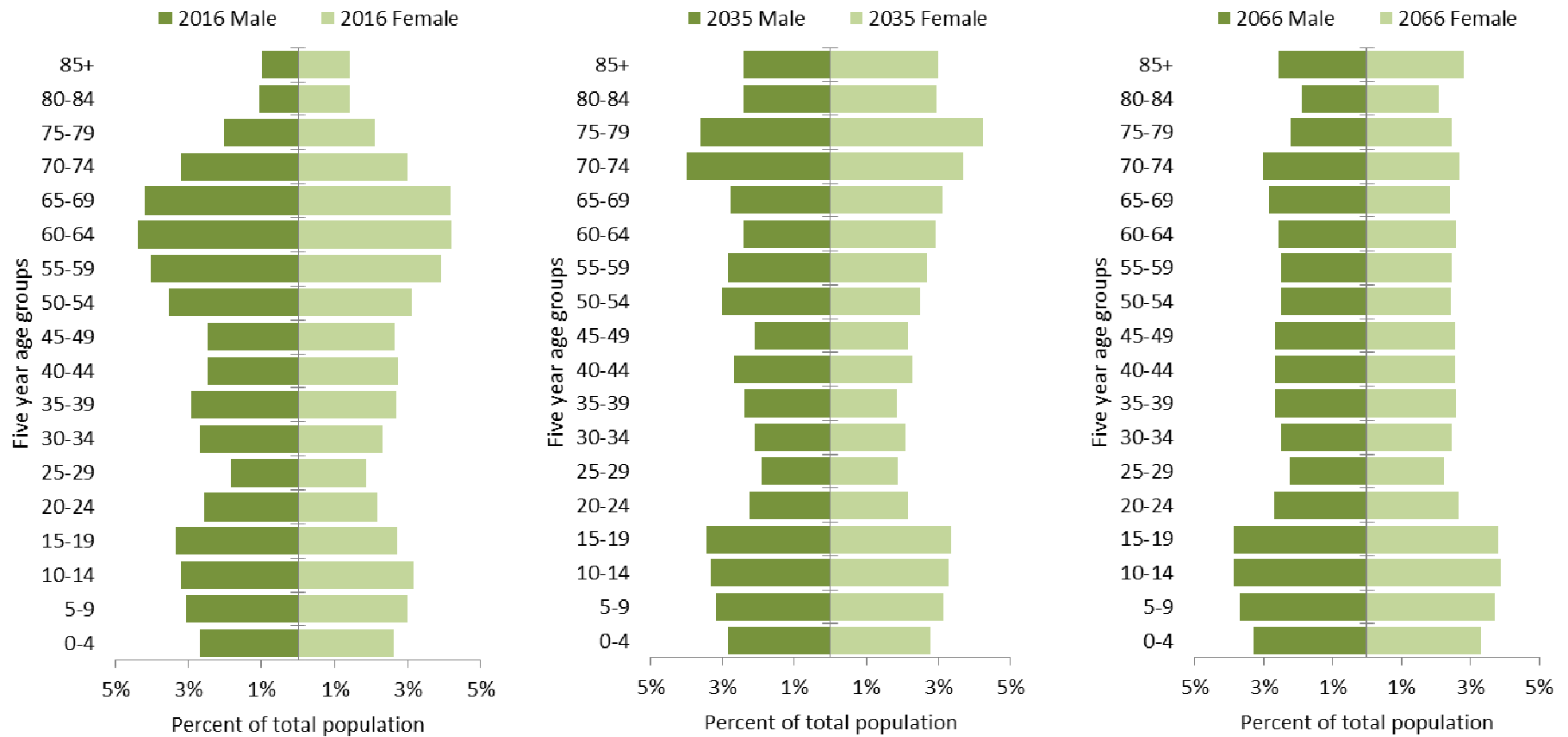
## **Life Expectancy (Years)—Both Genders**

	<b>2000</b>	<b>2010</b>	<b>2060</b>
<b>Harney County</b>	75.0	77.4	84.5
<b>Oregon</b>	77.9	79.6	86.9

*Source: U.S. Census Bureau.*



## Harney County—Age Structure of the Population



Source: Forecast by Population Research Center (PRC)

## Assumptions for Sub-Area Forecasts

1. All areas are assumed to experience some population losses.
2. For most sub-areas where population growth has been flat or declined, and there is no planned housing construction, we hold population growth fairly stable with little to no change.

# Preliminary Forecast Results

## 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
<i>Harney County</i>	7,313	7,051	6,732	-0.2%	-0.1%	100.0%	100.0%	100.0%
Burns UGB	2,955	2,953	2,935	0.0%	0.0%	40.4%	41.9%	43.6%
Hines UGB	1,700	1,646	1,548	-0.2%	-0.2%	23.2%	23.3%	23.0%
Outside UGBs	2,659	2,452	2,249	-0.4%	-0.3%	36.4%	34.8%	33.4%

Source: Forecast by Population Research Center (PRC)

## Historical and Forecast Populations for Harney County and its Sub-Areas

	Historical			Forecast				
	2000	2010	AAGR (2000-2010)	2016	2035	2066	AAGR (2016-2035)	AAGR (2035-2066)
<i>Harney County</i>	7,609	7,422	-0.2%	7,313	7,051	6,732	-0.2%	-0.1%
Burns UGB	3,148	2,929	-0.7%	2,955	2,953	2,935	0.0%	0.0%
Hines UGB	1,697	1,707	0.1%	1,700	1,646	1,548	-0.2%	-0.2%
Outside UGBs	2,764	2,786	0.1%	2,659	2,452	2,249	-0.4%	-0.3%

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



# Local Input and Additional Information

- Questions?
- Discussion time