

# Oregon Population Forecast Program

## Regional Forecast Meeting – March 4, 2016

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

# Oregon Population Forecast Program Project Team

**Xiaomin Ruan,**  
*Population Forecast Program  
Coordinator*

**Risa S. Proehl,**  
*Population Estimates/Forecast  
Programs Manager*

**Kevin Rancik,**  
*GIS and Research Analyst*

**Janai Kessi,**  
*Research Analyst*

**David Tetrick,**  
*Graduate Research Assistant*

**Julia Michel,**  
*Graduate Research Assistant*

**Deborah Loftus,**  
*Administrative Assistant*

**Jason R. Jurjevich,**  
*Assistant Director  
Population Research Center*

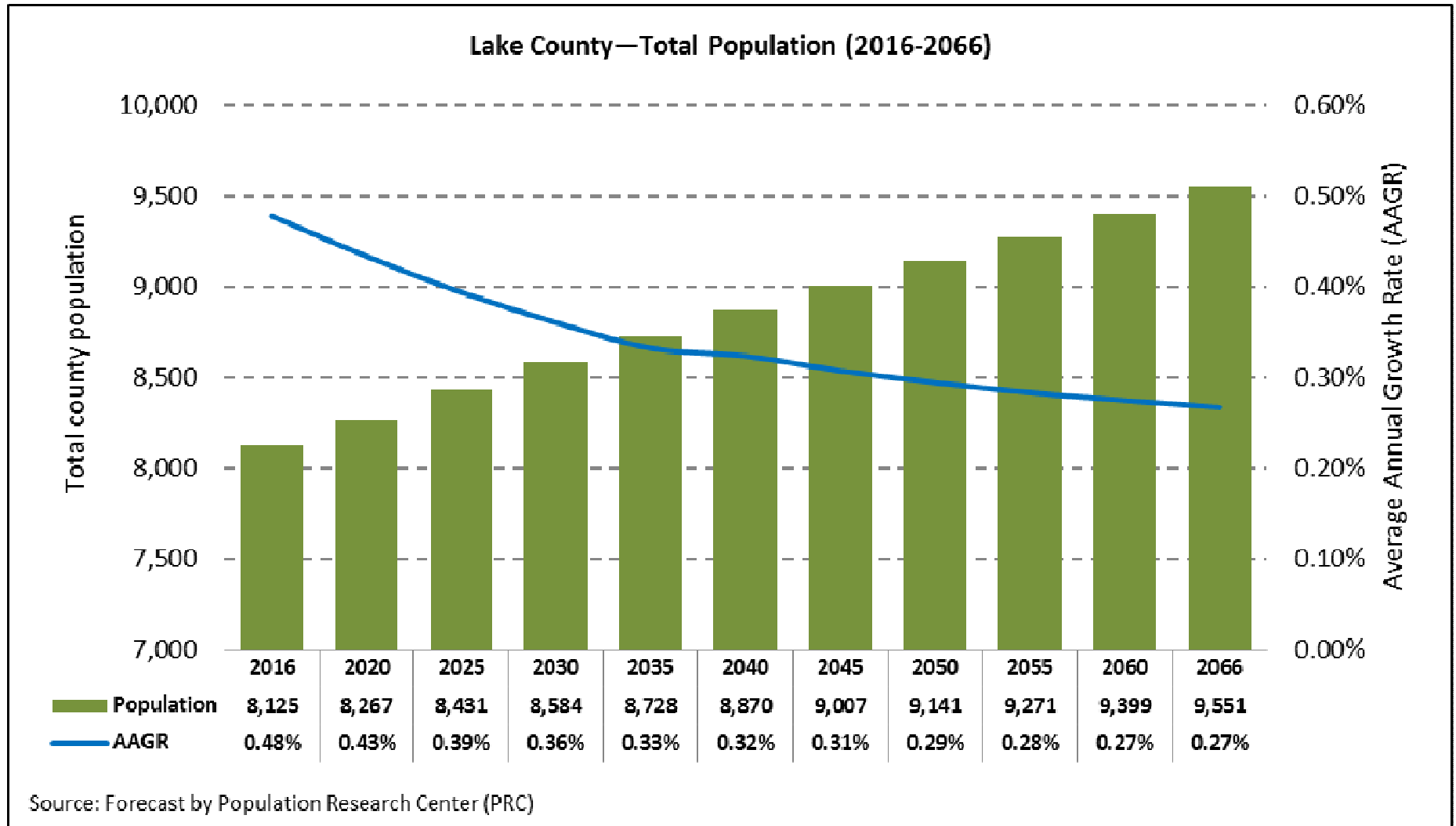
# Agenda

- 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

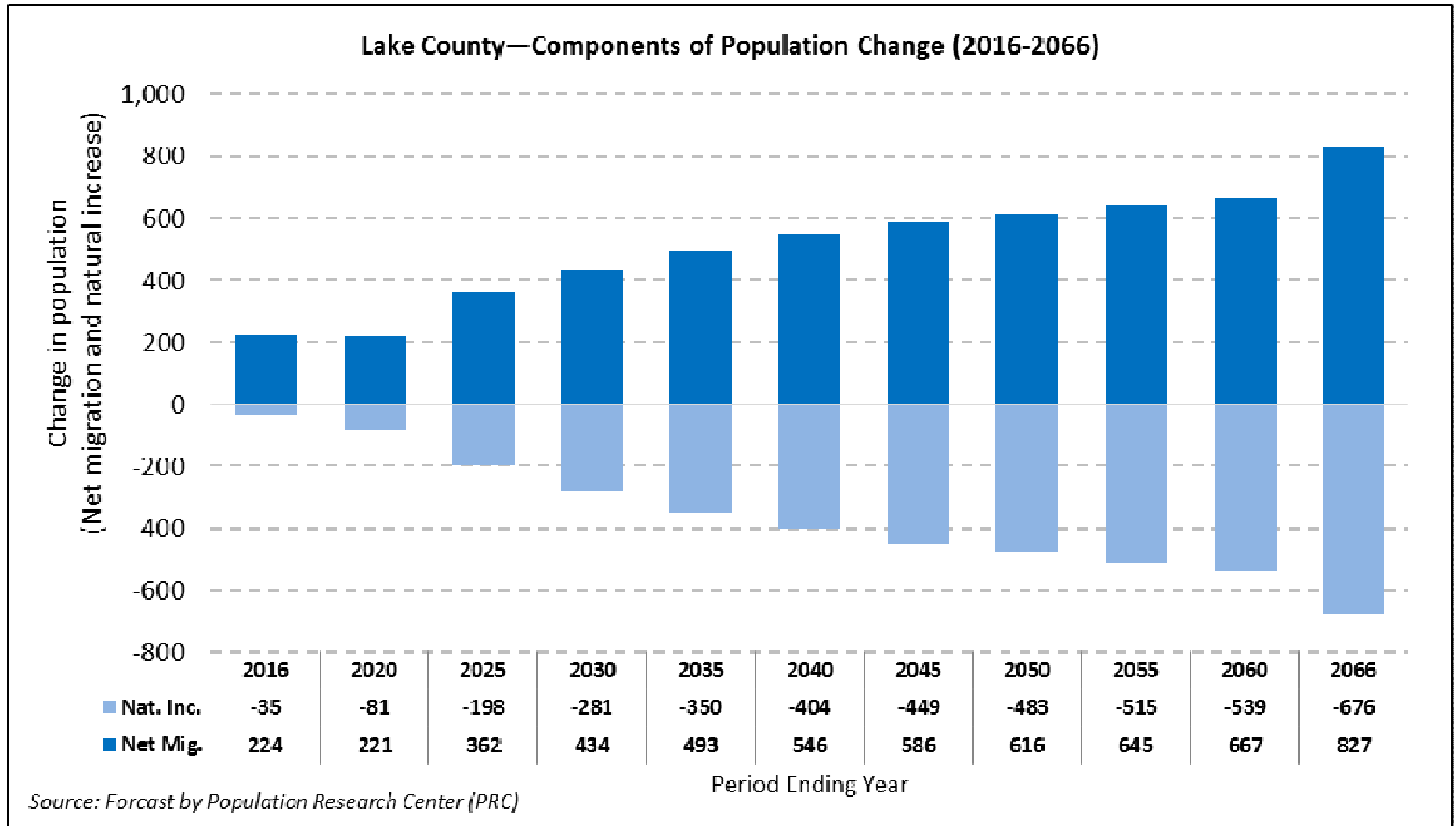
1. In general, as the economy continues to strengthen we assume an increase in net in-migration and a corresponding growth in housing construction.
  - a) Net in-migration increases throughout the forecast period.
2. We incorporate national trends into our assumptions for fertility and mortality rates.
  - a) As a result of aging Baby Boomers and an older population in the County, the number of annual deaths increase throughout the forecast period.
  - b) Total fertility rates decline throughout the entire forecast period (the number of annual births decline in the near term and then stabilizes with increasing population.
    - i. The county will experience natural decrease throughout the period.
3. Population increases will become more dependent on net in-migration.
  - a) Population will increase throughout the forecast period at modest rates.

# Preliminary Forecast Results



These numbers represent **Preliminary** Forecast Results

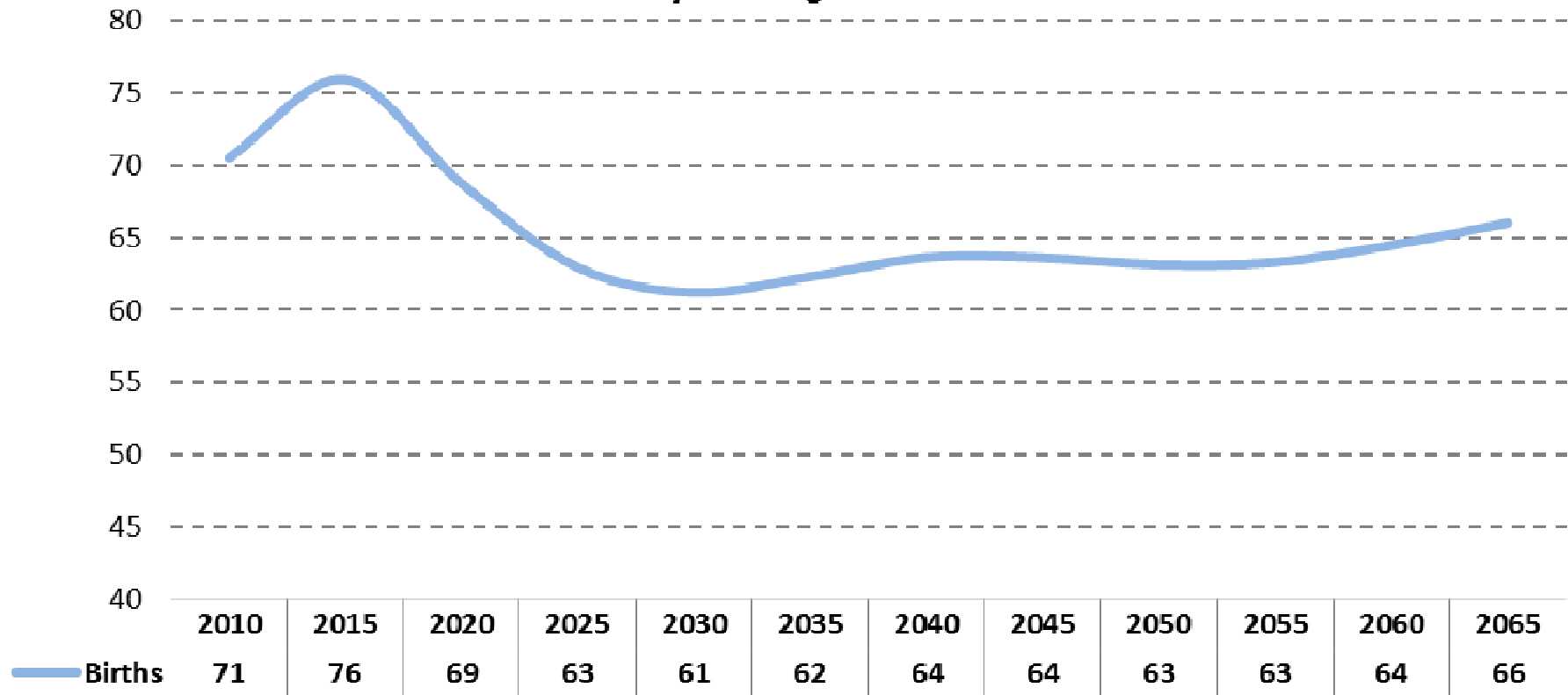
# Preliminary Forecast Results



These numbers represent **Preliminary** Forecast Results

# Historical and Forecast Trends

Lake County—Average Annual Births



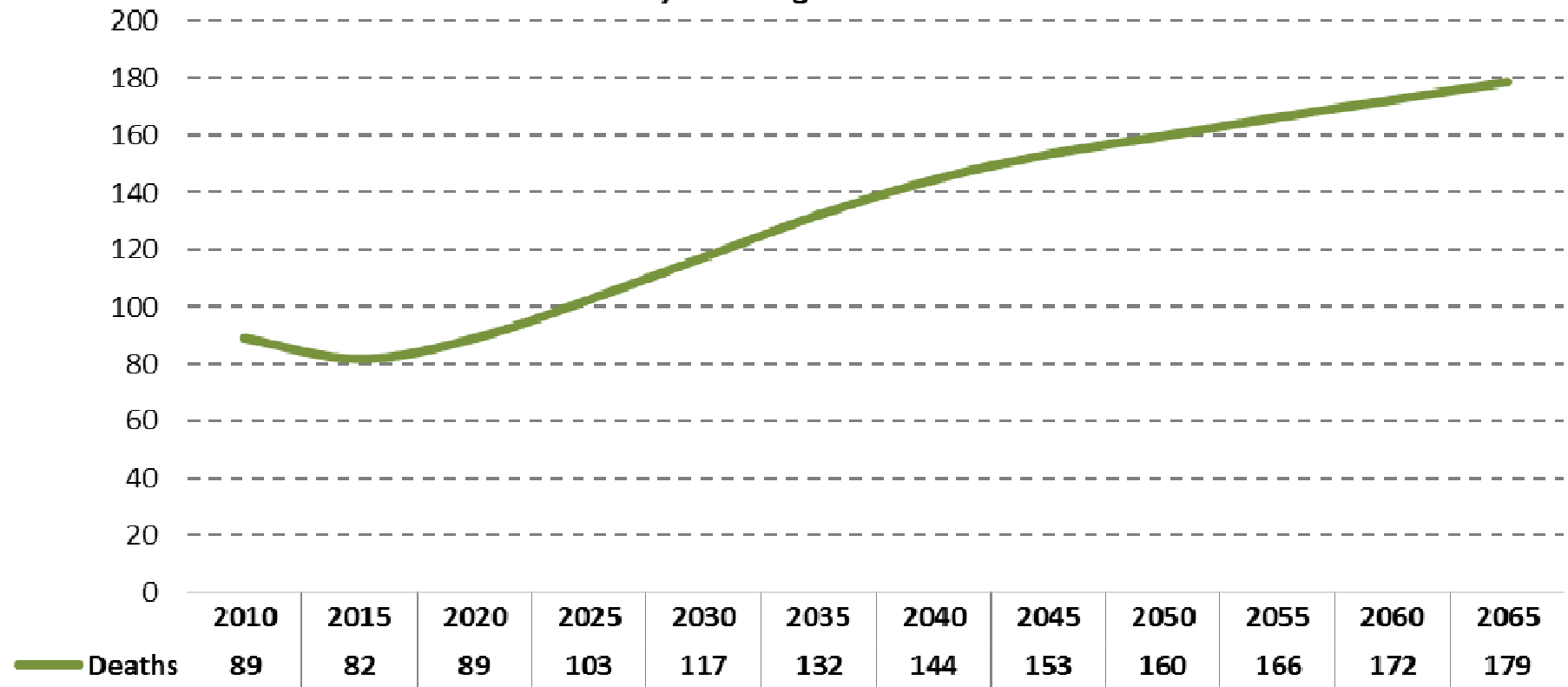
Sources: Oregon Health Authority, Center for Health Statistics. Calculations and Forecast by Population Research Center (PRC).

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.

These numbers represent **Preliminary** Forecast Results

# Historical and Forecast Trends

Lake County—Average Annual Deaths



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

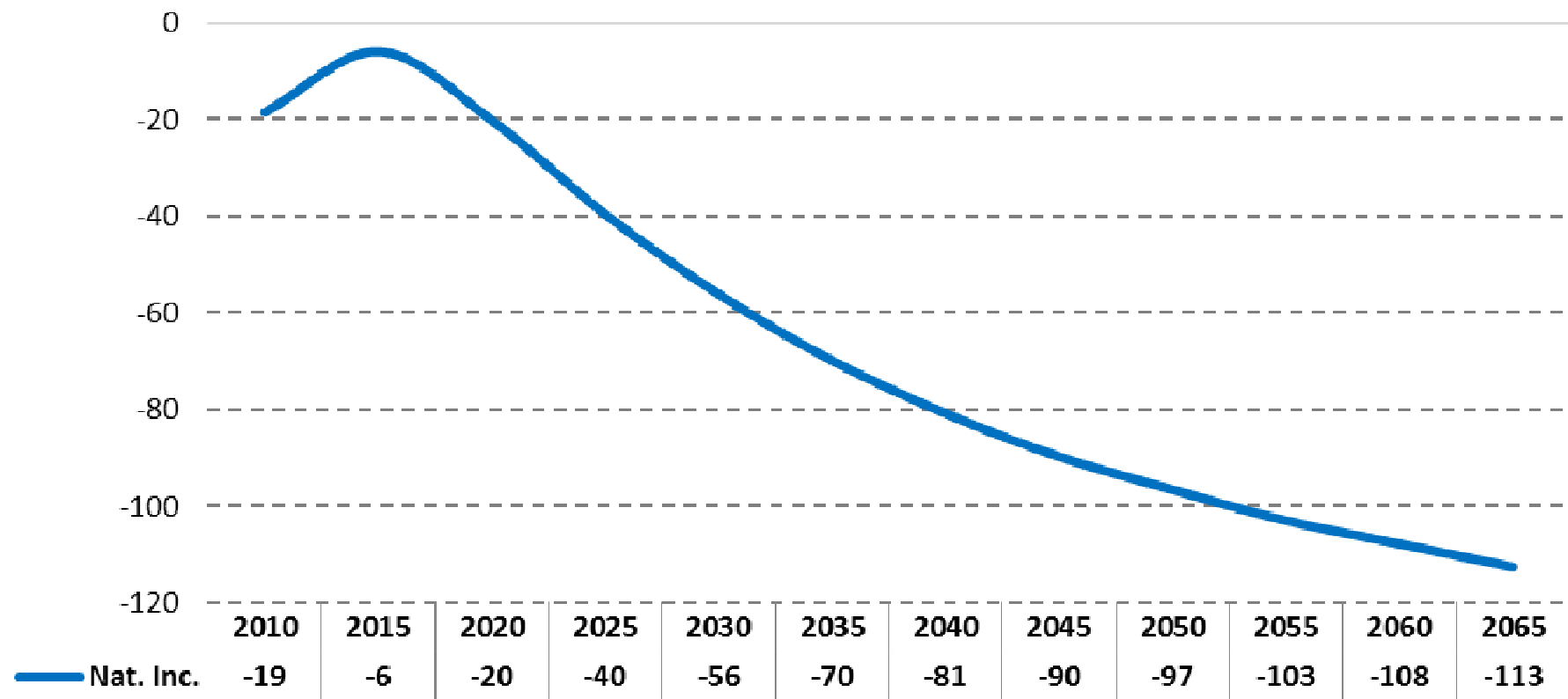
Note: The years signify the end of the period for which average annual numbers were calculated. The average annual numbers for "2010" were calculated for the 2000-2010 period, with the remaining years calculated for their preceding five-year periods.

These numbers represent **Preliminary** Forecast Results



# Historical and Forecast Trends

Lake 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
<b>Lake County</b>	2.37	2.19	2.01	1.98	1.94
<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).*

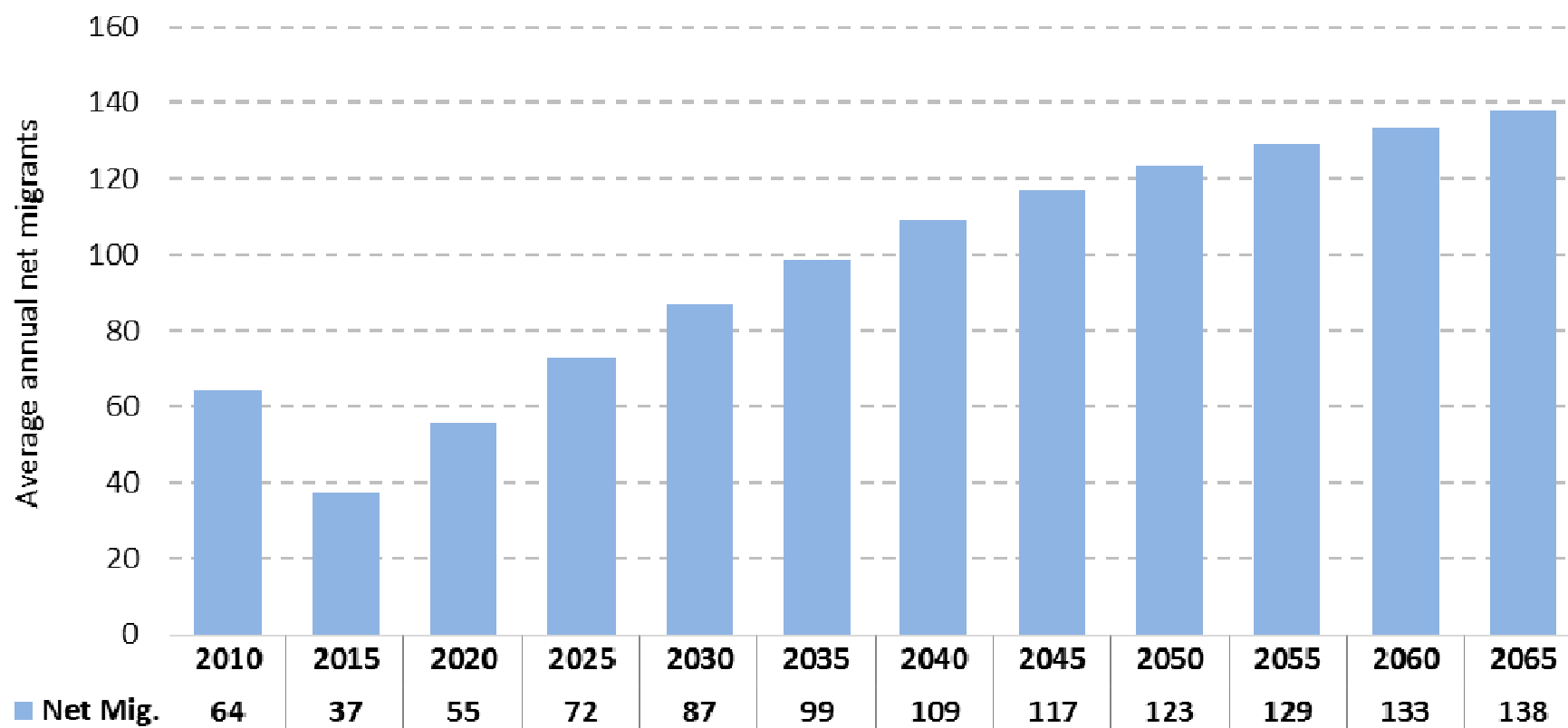
## **Life Expectancy (Years)—Both Genders**

	<b>2000</b>	<b>2010</b>	<b>2060</b>
<b>Lake County</b>	77.2	79.4	87.0
<b>Oregon</b>	77.9	79.6	86.9

*Source: U.S. Census Bureau.*

# Historical and Forecast Trends

Lake County—Average Annual Net Migration

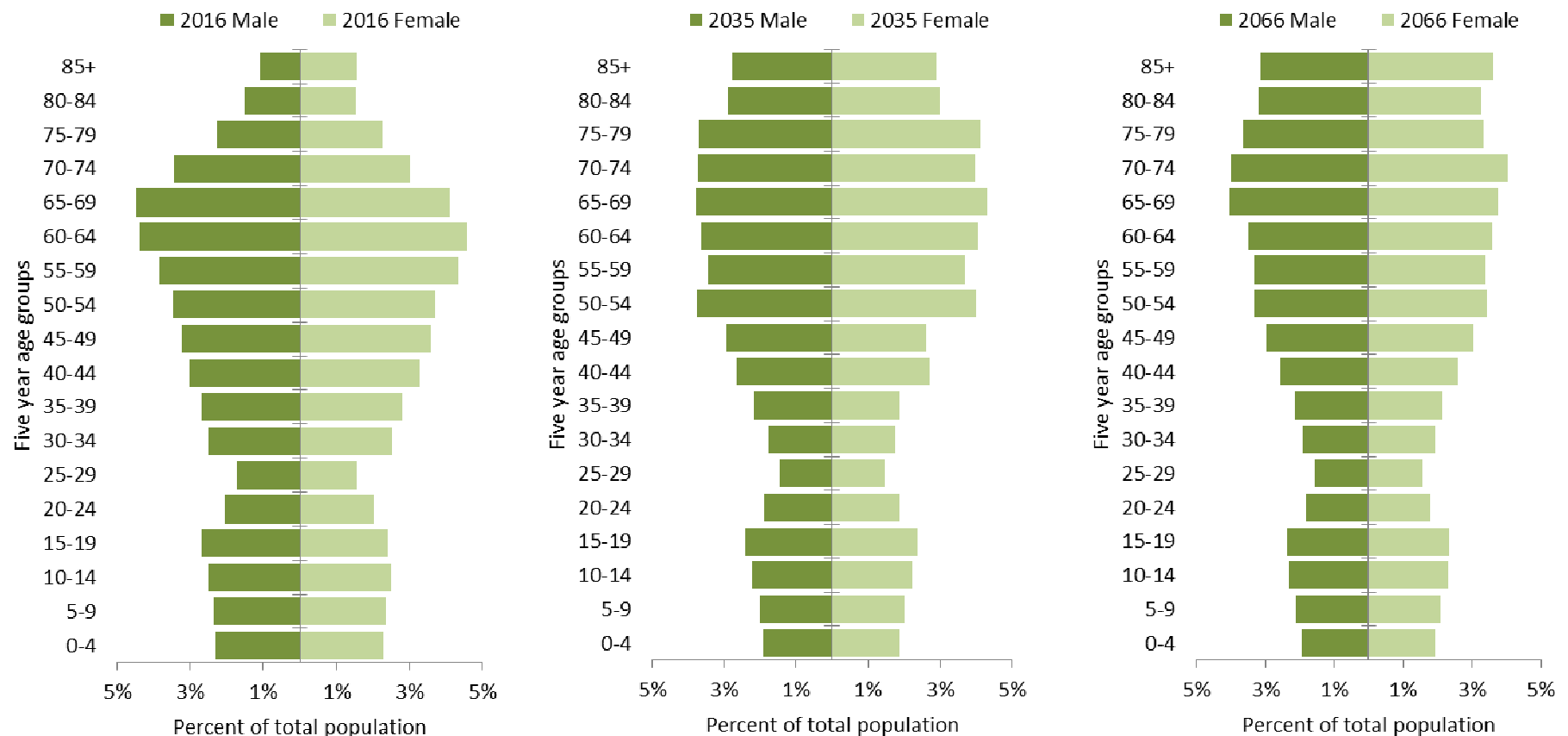


Sources: U.S. Census Bureau, 2000 and 2010 Censuses. Calculations and Forecast by Population Research Center (PRC).

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.

# Historical and Forecast Trends

## Lake 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. Population growth in the UGBs remain stable.
2. Net in-migration offsets natural decrease so no population losses are expected to occur.
3. In the area outside UGBs where historically population growth has been the strongest in the county, rates of increase will be modest.
4. If planned housing units were reported in the surveys, then we account for them being constructed over the next 5-10 years.

# 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>Lake County</i>	8,125	8,728	9,551	0.4%	0.3%	100.0%	100.0%	100.0%
Lakeview UGB	3,268	3,264	3,286	0.0%	0.0%	40.2%	37.4%	34.4%
Paisley UGB	244	244	247	0.0%	0.0%	3.0%	2.8%	2.6%
Outside UGBs	4,612	5,220	6,019	0.7%	0.5%	56.8%	59.8%	63.0%

*Source: Forecast by Population Research Center (PRC)*

These numbers represent **Preliminary** Forecast Results

# Historical and Forecast Trends

**Historical and Forecast Populations for Lake County and its Sub-Areas**

	Historical			Forecast				
	2000	2010	AAGR (2000-2010)	2016	2035	2066	AAGR (2016-2035)	AAGR (2035-2066)
<i>Lake County</i>	7,422	7,895	0.6%	8,125	8,728	9,551	0.4%	0.3%
Lakeview UGB	3,671	3,258	-1.2%	3,268	3,264	3,286	0.0%	0.0%
Paisley UGB	247	243	-0.2%	244	244	247	0.0%	0.0%
Outside UGBs	3,504	4,394	2.3%	4,612	5,220	6,019	0.7%	0.5%

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