

# Oregon Population Forecast Program

## Regional Forecast Meeting – March 13, 2015

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

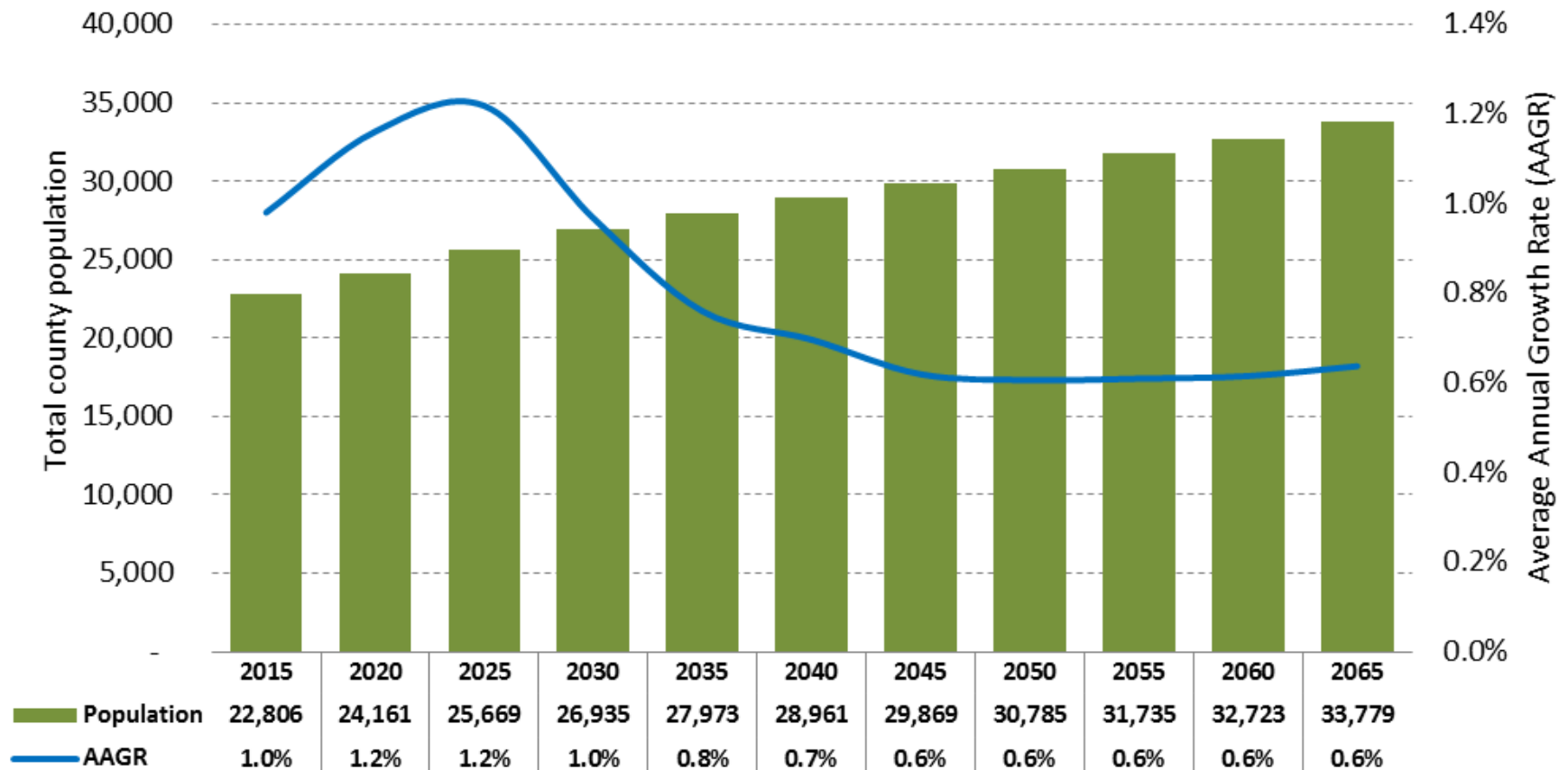
# Agenda

- 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, though 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.

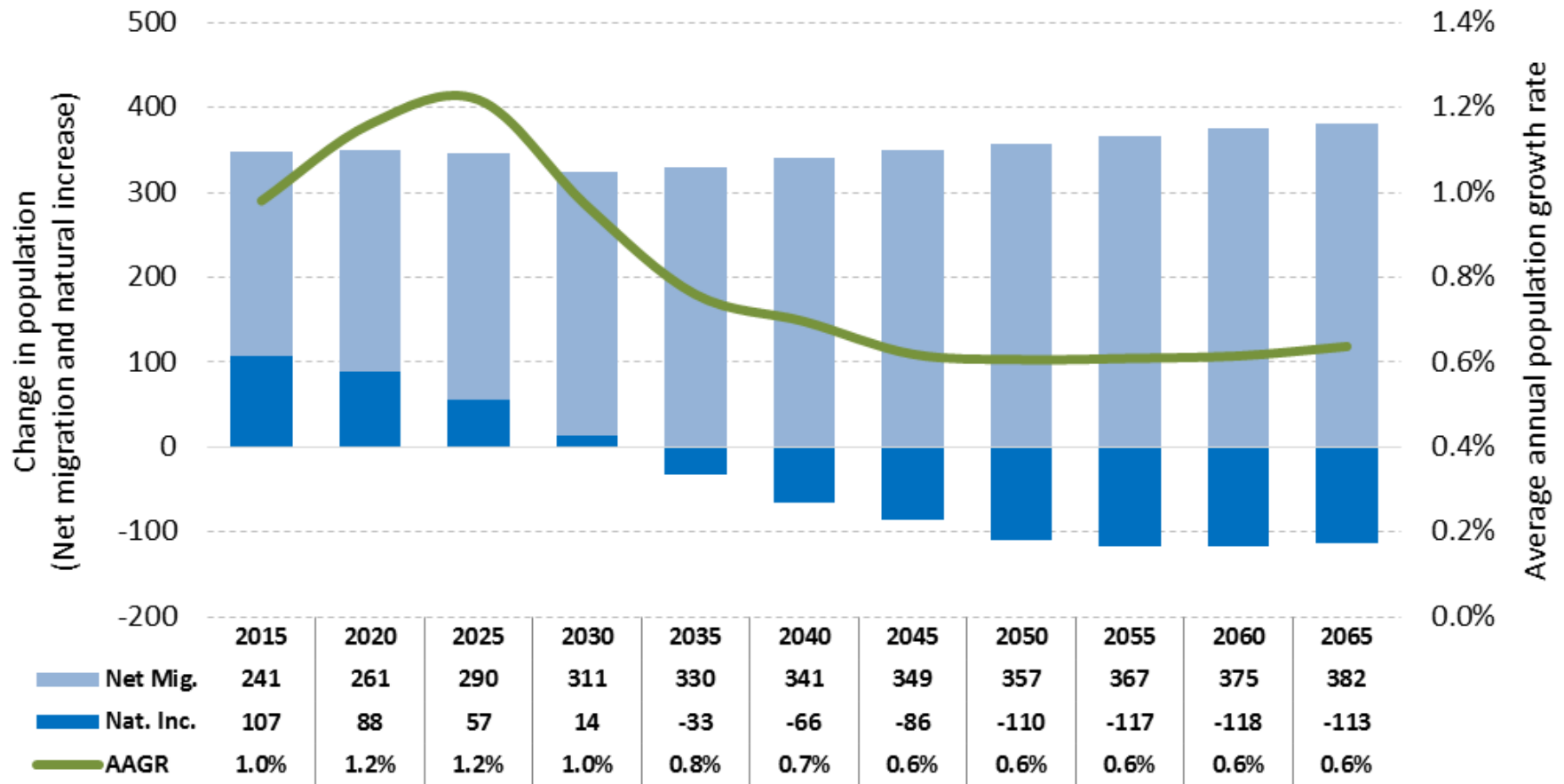
**Jefferson County—Total Population by Five-year Intervals (2015-2065)**



Source: Forecast by Population Research Center (PRC)

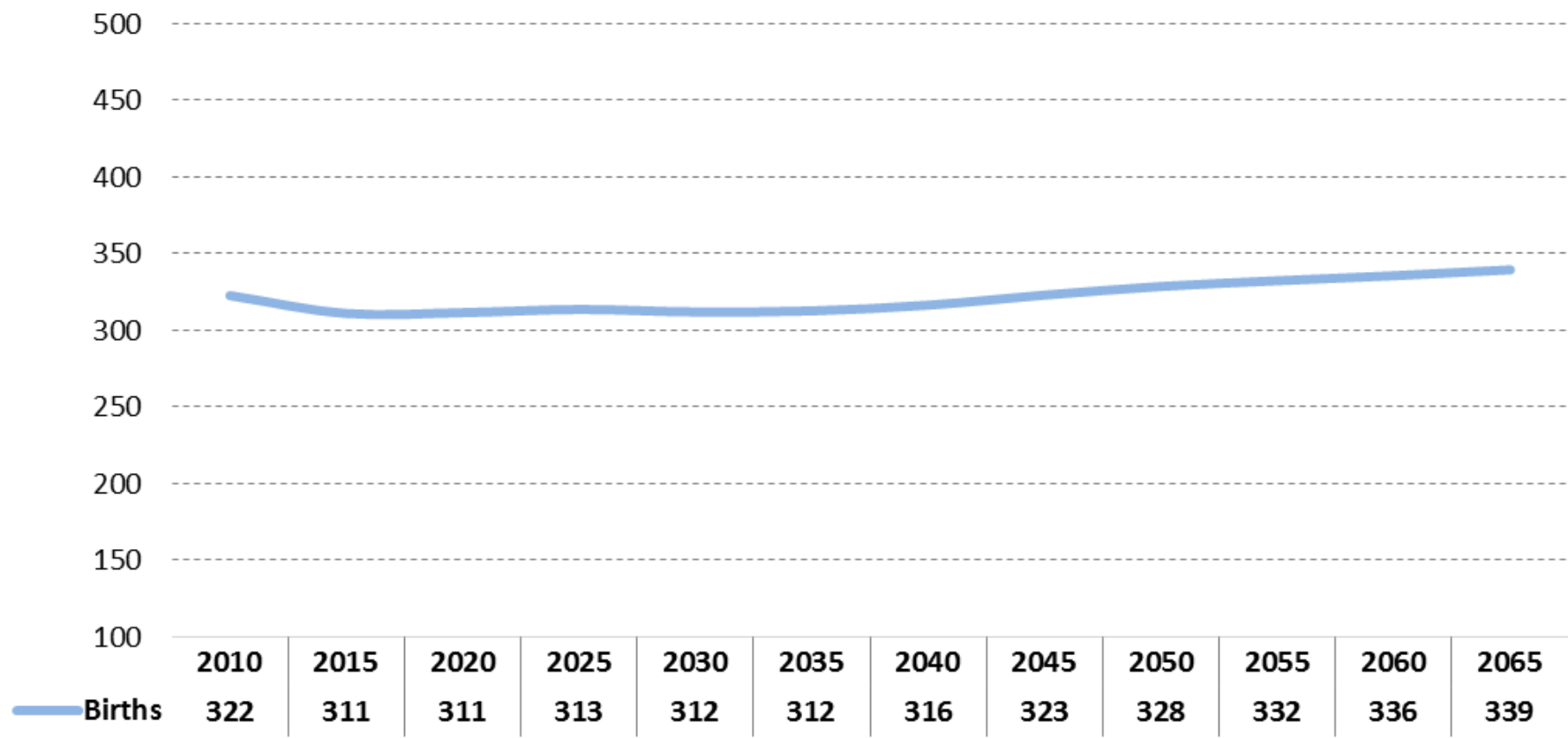
# Preliminary Forecast Results

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

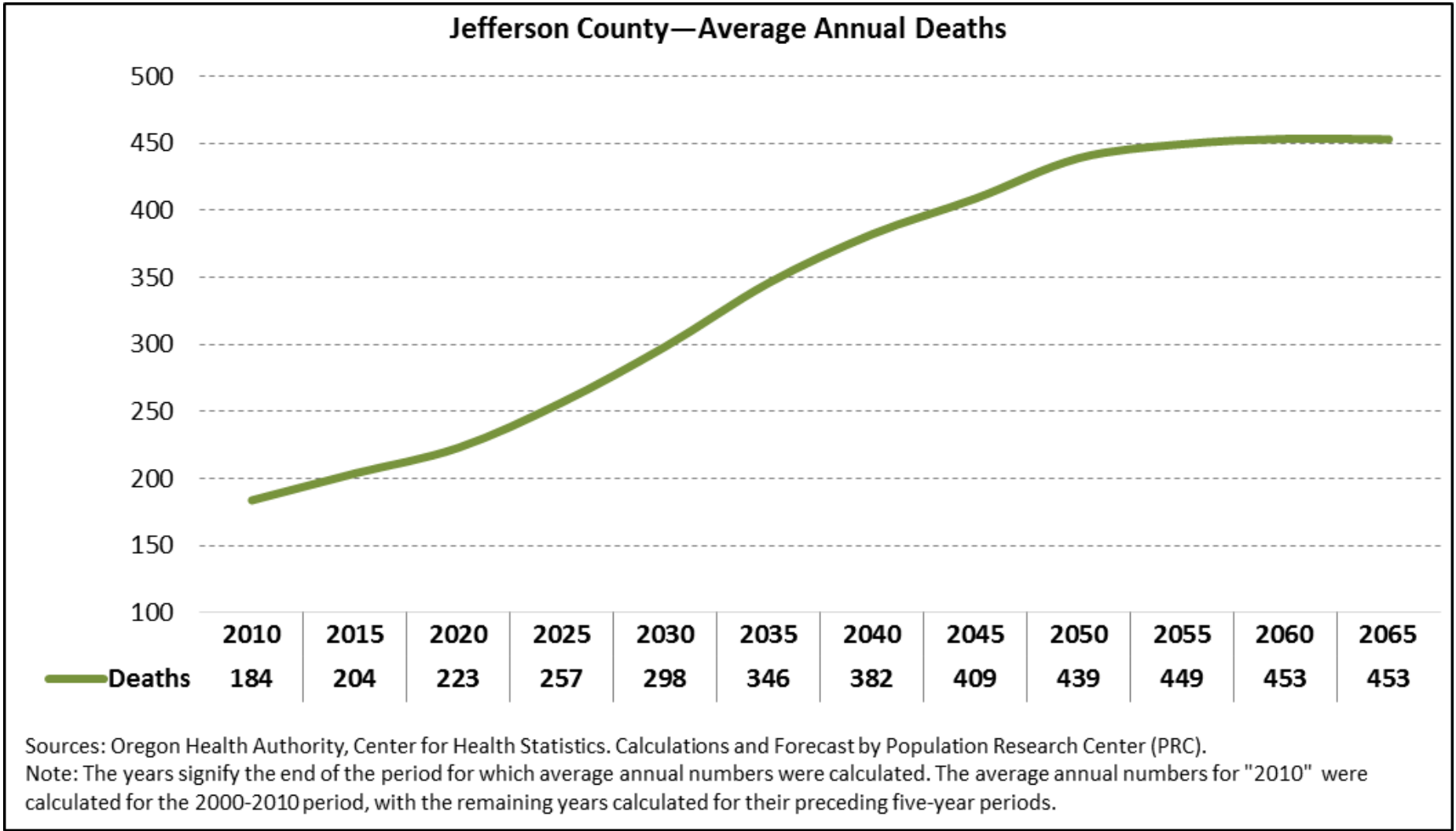


Source: Forecast by Population Research Center (PRC)

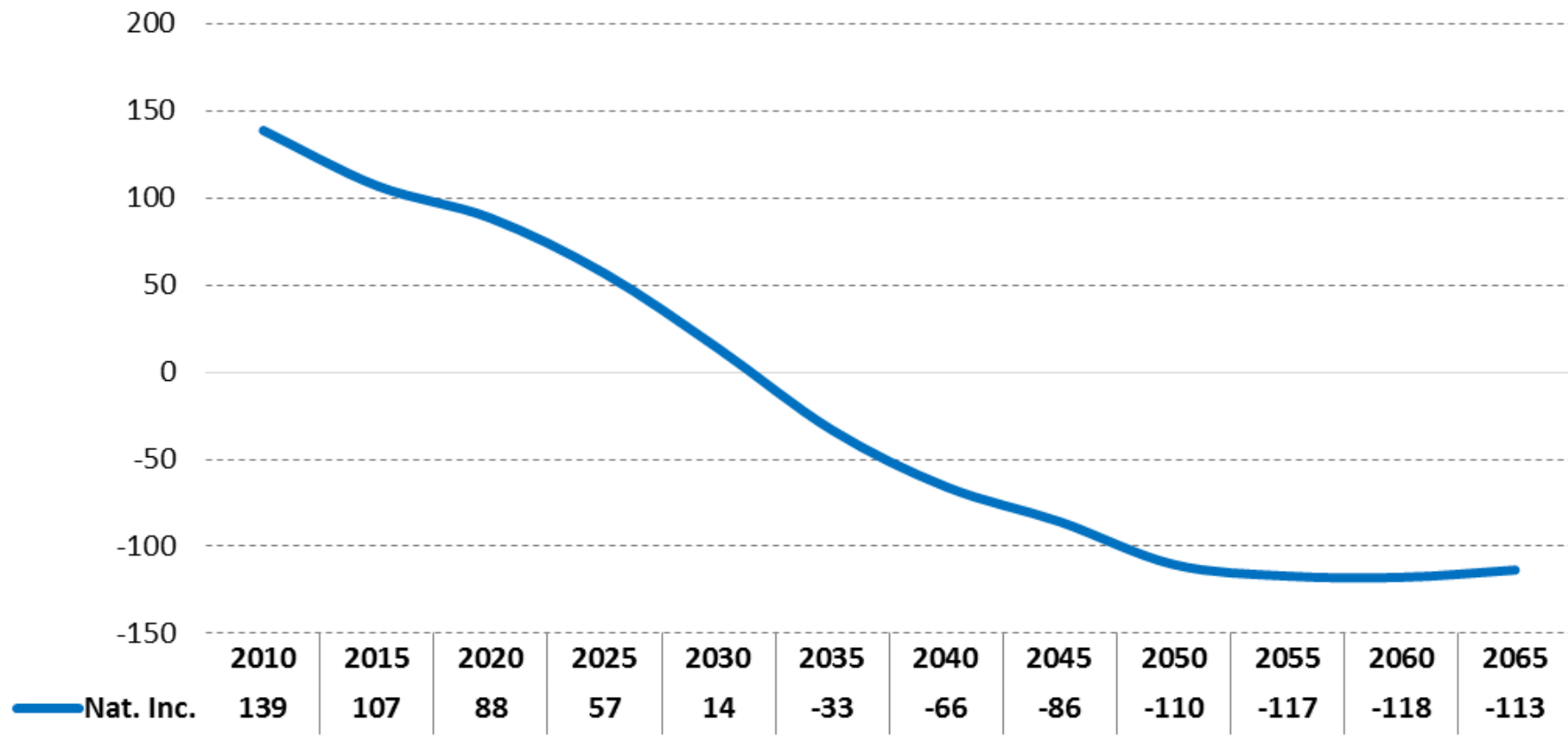
Jefferson County—Average Annual Births



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.



Jefferson 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>Jefferson County</b>	2.76	2.39	2.39	2.35	2.29
<b>Oregon</b>	1.98	1.79	1.83	1.79	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).

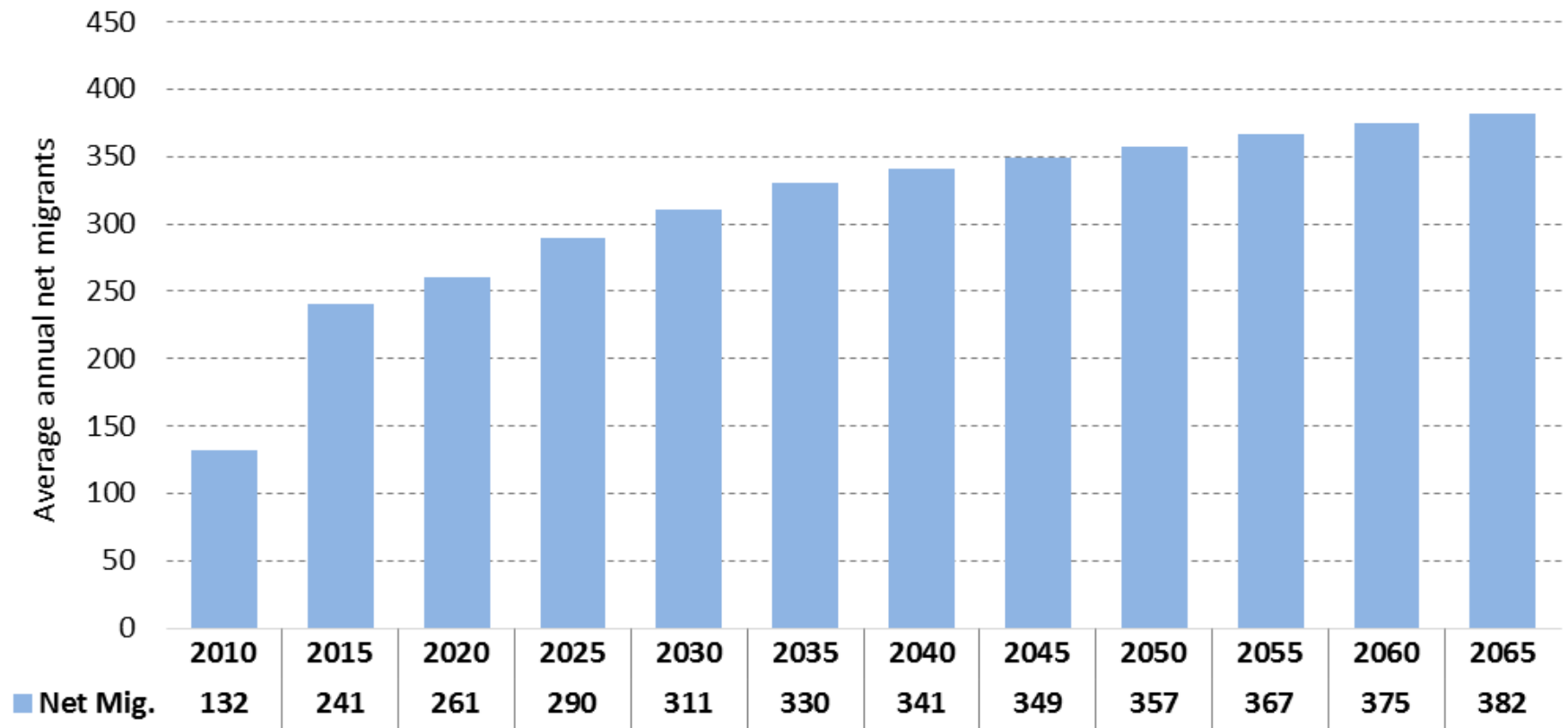
Note: 2000 and 2010 are annual TFRs, whereas the TFRs for 2015, 2035, and 2065 are for the preceding five-year forecast period. In other words the TFR for 2035 is calculated for the 2030 to 2035 forecast period.

## Life Expectancy (Years)—Both Genders

	2000	2010	2060
<b>Jefferson County</b>	76	75	82
<b>Oregon</b>	78	80	87

*Source: U.S. Census Bureau.*

Jefferson County—Average Annual Net Migration



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

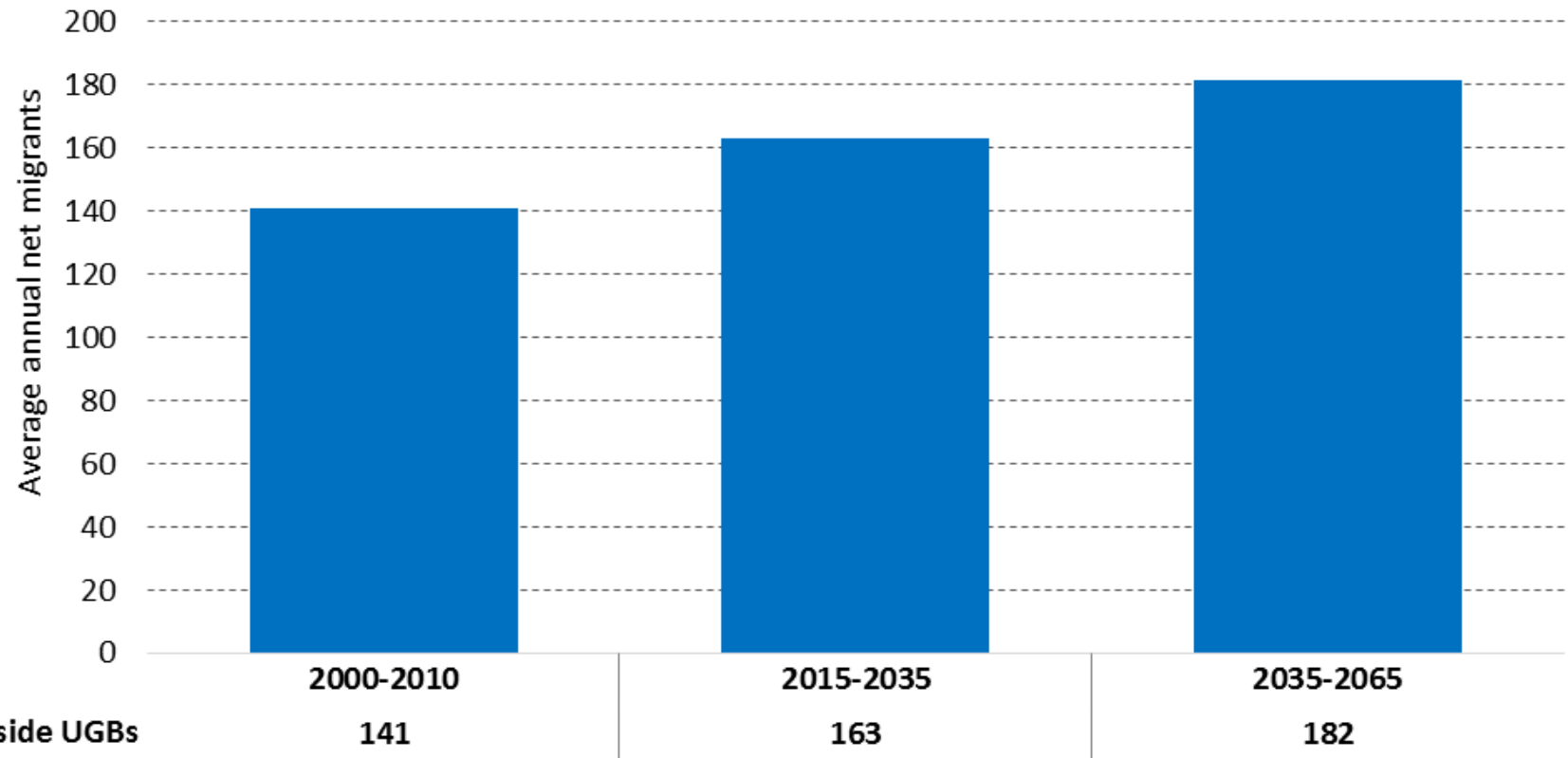
Note: The years signify the end of the period for which average annual numbers were calculated. The average annual numbers for "2010" were calculated for the 2000-2010 period, with the remaining years calculated for their preceding five-year periods.

Jefferson County—Age Structure of the Population (2015, 2035, and 2065)



Source: Forecast by Population Research Center (PRC)

Jefferson County's Area Outside UGBs—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)

## 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>Jefferson County</i>	22,806	27,973	33,779	1.0%	0.6%	100.0%	100.0%	100.0%
Smaller UGBs <sup>1</sup>	9,615	12,720	16,675	1.4%	0.9%	42.2%	45.5%	49.4%
Outside UGBs	13,191	15,254	17,104	0.7%	0.4%	57.8%	54.5%	50.6%

Source: Forecast by Population Research Center (PRC)

<sup>1</sup> Smaller UGBs are those with populations less than 8,000 in forecast launch year. This includes all UGBs in Jefferson County.

## 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>Jefferson County</i>	22,806	27,973	33,779	1.0%	0.6%	100.0%	100.0%	100.0%
Culver <sup>1</sup>	1,407	2,035	2,824	1.9%	1.1%	6.2%	7.3%	8.4%
Madras	7,484	9,815	12,749	1.4%	0.9%	32.8%	35.1%	37.7%
Metolius	724	869	1,102	0.9%	0.8%	3.2%	3.1%	3.3%
Outside UGBs	13,191	15,254	17,104	0.7%	0.4%	57.8%	54.5%	50.6%

Source: Forecast by Population Research Center (PRC)

<sup>1</sup> For simplicity each UGB is referred to by its primary city's name.



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

	Historical			Forecast				
	2000	2010	AAGR (2000-2010)	2015	2035	2065	AAGR (2015-2035)	AAGR (2035-2065)
<i>Jefferson County</i>	19,009	21,720	1.3%	22,806	27,973	33,779	1.0%	0.6%
Culver <sup>1</sup>	802	1,357	5.4%	1,407	2,035	2,824	1.9%	1.1%
Madras	6,475	6,987	0.8%	7,484	9,815	12,749	1.4%	0.9%
Metolius	646	731	1.2%	724	869	1,102	0.9%	0.8%
Outside UGBs	11,086	12,645	1.3%	13,191	15,254	17,104	0.7%	0.4%

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

<sup>1</sup> For simplicity each UGB is referred to by its primary city's name.

# Local Input and Additional Information

- Questions?
- Discussion time