Oregon Population Forecast Program
Regional Forecast Meeting – March 3, 2016

Preliminary Coordinated Forecasts for Wallowa County, its Urban Growth Boundaries (UGBs), and the Area Outside UGBs
Oregon Population Forecast Program
Project Team

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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 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 2040-2050, with total deaths tapering after.
   b) Total fertility rates decline throughout the entire forecast period.
   c) As a result areas will continue to experience natural decrease and of a larger magnitude over the forecast period.

3. Population increases will become more dependent on net in-migration.
   a) Some areas will experience population losses due to natural decrease around 2035-2040, and will only increase if net in-migration accelerates.
These numbers represent *Preliminary* Forecast Results
These numbers represent Preliminary Forecast Results.
Historical and Forecast Trends

Wallowa County—Average Annual Births

<table>
<thead>
<tr>
<th>Births</th>
<th>2010</th>
<th>2015</th>
<th>2020</th>
<th>2025</th>
<th>2030</th>
<th>2035</th>
<th>2040</th>
<th>2045</th>
<th>2050</th>
<th>2055</th>
<th>2060</th>
<th>2065</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>61</td>
<td>60</td>
<td>51</td>
<td>45</td>
<td>44</td>
<td>45</td>
<td>46</td>
<td>46</td>
<td>44</td>
<td>42</td>
<td>42</td>
<td>42</td>
</tr>
</tbody>
</table>

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

Wallowa 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

These numbers represent **Preliminary** Forecast Results.

<table>
<thead>
<tr>
<th>Total Fertility Rate (TFR)</th>
<th>2000</th>
<th>2010</th>
<th>2015</th>
<th>2035</th>
<th>2065</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wallowa County</td>
<td>2.49</td>
<td>1.98</td>
<td>2.02</td>
<td>1.99</td>
<td>1.95</td>
</tr>
<tr>
<td>Oregon</td>
<td>1.98</td>
<td>1.80</td>
<td>1.83</td>
<td>1.78</td>
<td>1.73</td>
</tr>
</tbody>
</table>

*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

<table>
<thead>
<tr>
<th></th>
<th>2000</th>
<th>2010</th>
<th>2060</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wallowa County</td>
<td>75.3</td>
<td>81.2</td>
<td>89.1</td>
</tr>
<tr>
<td>Oregon</td>
<td>77.9</td>
<td>79.6</td>
<td>86.9</td>
</tr>
</tbody>
</table>

*Source: U.S. Census Bureau.*

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Historical and Forecast Trends

Wallowa County—Age Structure of the Population

These numbers represent **Preliminary** Forecast Results.

Source: Forecast by Population Research Center (PRC)
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 Sub-Areas—Population and Average Annual Growth Rate (AAGR) (2016, 2035, and 2066)

<table>
<thead>
<tr>
<th>County Sub-Area</th>
<th>2016</th>
<th>2035</th>
<th>2066</th>
<th>AAGR (2015-2035)</th>
<th>AAGR (2035-2065)</th>
<th>Share of County 2015</th>
<th>Share of County 2035</th>
<th>Share of County 2065</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wallowa County</td>
<td>7,070</td>
<td>7,098</td>
<td>7,013</td>
<td>0.0%</td>
<td>0.0%</td>
<td>100.0%</td>
<td>100.0%</td>
<td>100.0%</td>
</tr>
<tr>
<td>Enterprise</td>
<td>1,964</td>
<td>1,993</td>
<td>2,059</td>
<td>0.1%</td>
<td>0.1%</td>
<td>27.8%</td>
<td>28.1%</td>
<td>29.4%</td>
</tr>
<tr>
<td>Joseph</td>
<td>1,107</td>
<td>1,132</td>
<td>1,179</td>
<td>0.1%</td>
<td>0.1%</td>
<td>15.7%</td>
<td>15.9%</td>
<td>16.8%</td>
</tr>
<tr>
<td>Lostine</td>
<td>232</td>
<td>227</td>
<td>215</td>
<td>-0.1%</td>
<td>-0.2%</td>
<td>3.3%</td>
<td>3.2%</td>
<td>3.1%</td>
</tr>
<tr>
<td>Wallowa</td>
<td>863</td>
<td>805</td>
<td>746</td>
<td>-0.4%</td>
<td>-0.2%</td>
<td>12.2%</td>
<td>11.3%</td>
<td>10.6%</td>
</tr>
<tr>
<td>Outside UGBs</td>
<td>2,904</td>
<td>2,942</td>
<td>2,814</td>
<td>0.1%</td>
<td>-0.1%</td>
<td>41.1%</td>
<td>41.4%</td>
<td>40.1%</td>
</tr>
</tbody>
</table>

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

*Note 1: For simplicity each UGB is referred to by its primary city’s name.*
### Historical and Forecast Trends

**These numbers represent Preliminary Forecast Results**

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

<table>
<thead>
<tr>
<th></th>
<th>Historical</th>
<th>Forecast</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wallowa County</strong></td>
<td>7,226</td>
<td>7,008</td>
<td>-0.3%</td>
<td>7,070</td>
</tr>
<tr>
<td><strong>Enterprise UGB</strong></td>
<td>1,899</td>
<td>1,954</td>
<td>0.3%</td>
<td>1,964</td>
</tr>
<tr>
<td><strong>Joseph UGB</strong></td>
<td>1,083</td>
<td>1,093</td>
<td>0.1%</td>
<td>1,107</td>
</tr>
<tr>
<td><strong>Lostine UGB</strong></td>
<td>274</td>
<td>241</td>
<td>-1.3%</td>
<td>232</td>
</tr>
<tr>
<td><strong>Wallowa UGB</strong></td>
<td>973</td>
<td>914</td>
<td>-0.6%</td>
<td>863</td>
</tr>
<tr>
<td><strong>Outside UGBs</strong></td>
<td>2,997</td>
<td>2,806</td>
<td>-0.7%</td>
<td>2,904</td>
</tr>
</tbody>
</table>

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

• Questions?
• Discussion time