Oil and Gas Industry Employment on Alaska’s North Slope

Prepared for:
Senate Finance Committee
Alaska State Legislature

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Presentation Contents

- Overall employment trends
- Trends in nonresident participation
- New hire trends
- Nonresidents by occupation
- Questions?
This study not possible without the cooperation and commitment of staff resources at the Alaska Department of Labor and Workforce Development.
Alaska Oil and Gas Industry Employment, 2004-2011

- Prudhoe Bay average employment
- All other average employment

Note: Excludes TAPS and refinery employment
Prudhoe Bay Employment, 2004-2010

- Oil & gas sector employment
- All other private employment

Alaska Oil and Gas Monthly Employment Estimates, January 2008-November 2011

[Bar chart showing employment numbers from January 2008 to November 2011]
North Slope Oil and Gas Monthly Employment Estimates, January 2008-November 2011
North Slope Oil Production, Barrels per Job, 1990-2010
Nonresidents in the North Slope Workforce

- Status based on PFD applications
- Slightly overstates actually nonresident rates
- 2010 residency report available soon
- At least 1 in 6 nonresident oil industry workers are former AK residents
<table>
<thead>
<tr>
<th>Industry</th>
<th>Percent Nonresident Workers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seafood processing</td>
<td>75%</td>
</tr>
<tr>
<td>Agricult., forest, fish, &amp; hunt</td>
<td>41%</td>
</tr>
<tr>
<td>Accommodation</td>
<td>41%</td>
</tr>
<tr>
<td>Oilfield services</td>
<td>30%</td>
</tr>
<tr>
<td>Metal Mining</td>
<td>28%</td>
</tr>
<tr>
<td>Admin. Sup./waste manage.</td>
<td>24%</td>
</tr>
<tr>
<td>Food services</td>
<td>24%</td>
</tr>
<tr>
<td>Air transportation</td>
<td>23%</td>
</tr>
<tr>
<td>Oil &amp; gas</td>
<td>23%</td>
</tr>
<tr>
<td>Educational services</td>
<td>21%</td>
</tr>
<tr>
<td>Construction</td>
<td>20%</td>
</tr>
<tr>
<td>Prof., scien., &amp; tech. services</td>
<td>18%</td>
</tr>
<tr>
<td>Health care &amp; social assistance</td>
<td>10%</td>
</tr>
</tbody>
</table>
Percentage Nonresident Worker Participation in Oil and Gas Industry, Statewide, 1998-2009

- 1998: 28%
- 1999: 25%
- 2000: 28%
- 2001: 28%
- 2002: 26%
- 2003: 27%
- 2004: 28%
- 2005: 30%
- 2006: 31%
- 2007: 29%
- 2008: 30%
- 2009: 28%
North Slope Oil Industry, Percent Nonresident Workers, 2006-2009

- 2006: 37.0%
- 2007: 35.4%
- 2008: 35.5%
- 2009: 35.0%
Statewide Oil and Gas Industry New-Hires by Residency, Percent Nonresident Hires, by Quarter, 2004-2010
Percentage Nonresident Workers by Occupation, North Slope Borough, 4th Quarter 2009

- First-line supervisors & managers: 46%
- Welders, cutters, solderers, &...: 45%
- Construction managers: 44%
- Electricians: 43%
- Mobile heavy equipment mechanics: 39%
- Service unit operators: 37%
- Plumbers, pipefitters, & steamfitters: 36%
- Office clerks: 36%
- Truck drivers: 35%
- Structural iron & steel workers: 34%

Note: Top 10 occupations by % non-resident, occupations with over 100 workers.
Questions