Audio and Video Equipment Technicians (274011)
Oregon (All Counties)

Wage Range for Audio and Video Equipment Technicians
Note: This occupation has a large share of part-time workers. Annual wages for occupations with a large share of part-time workers may overstate actual income.

<table>
<thead>
<tr>
<th>Area</th>
<th>10th Percentile</th>
<th>25th Percentile</th>
<th>50th Percentile (Median)</th>
<th>75th Percentile</th>
<th>90th Percentile</th>
<th>Average Hourly</th>
<th>Average Annual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oregon</td>
<td>$10.90</td>
<td>$13.37</td>
<td>$17.98</td>
<td>$23.76</td>
<td>$30.22</td>
<td>$19.48</td>
<td>$40,532</td>
</tr>
<tr>
<td>Central Oregon</td>
<td>11.12</td>
<td>13.91</td>
<td>16.89</td>
<td>18.98</td>
<td>30.09</td>
<td>20.07</td>
<td>41,737</td>
</tr>
<tr>
<td>East Cascades</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>16.05</td>
<td>33,377</td>
</tr>
<tr>
<td>Lane</td>
<td>11.34</td>
<td>13.68</td>
<td>16.79</td>
<td>19.01</td>
<td>23.49</td>
<td>16.95</td>
<td>35,268</td>
</tr>
<tr>
<td>Mid-Valley</td>
<td>10.72</td>
<td>11.22</td>
<td>12.21</td>
<td>30.87</td>
<td>36.92</td>
<td>19.16</td>
<td>39,848</td>
</tr>
<tr>
<td>Portland Tri-County</td>
<td>11.83</td>
<td>15.54</td>
<td>19.02</td>
<td>25.09</td>
<td>30.75</td>
<td>20.67</td>
<td>42,983</td>
</tr>
<tr>
<td>Rogue Valley</td>
<td>10.55</td>
<td>11.53</td>
<td>17.12</td>
<td>21.49</td>
<td>25.26</td>
<td>17.32</td>
<td>36,024</td>
</tr>
</tbody>
</table>

Employment Outlook for Audio and Video Equipment Technicians
Statewide Employment Analysis
Employment in this occupation in 2014 was at about the statewide average for all occupations. The total number of job openings is projected to be at about the statewide average number of job openings for all occupations through 2024. This occupation is expected to grow at about the statewide average growth rate for all occupations through 2024.

Reasonable, but limited, employment opportunities exist.

Area Employment Projections for Audio and Video Equipment Technicians
Replacement openings are caused by existing workers permanently leaving their occupation. Many additional job openings occur due to job changes within occupations.

<table>
<thead>
<tr>
<th>Area</th>
<th>2014 Employment</th>
<th>2024 Employment</th>
<th>Change</th>
<th>Percent Change</th>
<th>Annual Growth Openings</th>
<th>Annual Replacement Openings</th>
<th>Total Annual Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oregon</td>
<td>465</td>
<td>534</td>
<td>69</td>
<td>14.8%</td>
<td>7</td>
<td>9</td>
<td>16</td>
</tr>
<tr>
<td>Central Oregon</td>
<td>16</td>
<td>20</td>
<td>4</td>
<td>25.0%</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Columbia Basin</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Douglas</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>East Cascades</td>
<td>38</td>
<td>44</td>
<td>6</td>
<td>15.8%</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Eastern Oregon</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Lane</td>
<td>39</td>
<td>42</td>
<td>3</td>
<td>7.7%</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Linn-Benton</td>
<td>16</td>
<td>17</td>
<td>1</td>
<td>6.2%</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Mid-Valley</td>
<td>39</td>
<td>43</td>
<td>4</td>
<td>10.3%</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Northeast Oregon</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Portland Tri-County</td>
<td>297</td>
<td>349</td>
<td>52</td>
<td>17.5%</td>
<td>5</td>
<td>6</td>
<td>11</td>
</tr>
<tr>
<td>Portland-Metro</td>
<td>271</td>
<td>323</td>
<td>52</td>
<td>19.2%</td>
<td>5</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Southeast Oregon</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
Knowledge for Audio and Video Equipment Technicians
Examples of the knowledge needed for success in this occupation is listed below, in order of importance. This information comes from the Occupational Information Network (O*NET).

- **Computers and Electronics**: Knowledge of circuit boards, processors, chips, electronic equipment, and computer hardware and software, including applications and programming.
- **Communications and Media**: Knowledge of media production, communication, and dissemination techniques and methods. This includes alternative ways to inform and entertain via written, oral, and visual media.
- **Telecommunications**: Knowledge of transmission, broadcasting, switching, control, and operation of telecommunications systems.
- **English Language**: Knowledge of the structure and content of the English language including the meaning and spelling of words, rules of composition, and grammar.
- **Customer and Personal Service**: Knowledge of principles and processes for providing customer and personal services. This includes customer needs assessment, meeting quality standards for services, and evaluation of customer satisfaction.

Skills for Audio and Video Equipment Technicians
Examples of the skills needed for success in this occupation are listed below, in order of importance. This information comes from the Occupational Information Network (O*NET).

- **Operation Monitoring**: Watching gauges, dials, or display screens to make sure a machine is working.
- **Reading Comprehension**: Reading work-related information.
- **Monitoring**: Keeping track of how well people and/or groups are doing in order to make improvements.
- **Critical Thinking**: Thinking about the pros and cons of different ways to solve a problem.
- **Active Listening**: Listening to others, not interrupting, and asking good questions.
- **Writing**: Writing things for co-workers or customers.

Abilities for Audio and Video Equipment Technicians
Examples of the abilities needed for success in this occupation are listed below, in order of importance. This information comes from the Occupational Information Network (O*NET).

- **Problem Sensitivity**: Noticing when problems happen.
- **Near Vision**: Seeing details up close.
- **Oral Comprehension**: Listening and understanding what people say.
- **Information Ordering**: Ordering or arranging things.
- **Oral Expression**: Communicating by speaking.
- **Written Comprehension**: Reading and understanding what is written.
- **Written Expression**: Communicating by writing.
- **Deductive Reasoning**: Using rules to solve problems.
Detailed Work Activities
for Audio and Video Equipment Technicians
Examples of the detailed work activities involved with this occupation are listed below, in order of importance. This information comes from the Occupational Information Network (O*NET).

• Monitor broadcasting operations to ensure proper functioning.
• Operate communications, transmissions, or broadcasting equipment.
• Maintain recording or broadcasting equipment.
• Operate control consoles for sound, lighting or video.
• Determine technical requirements of productions or projects.
• Mix sound inputs.
• Convert data among multiple digital or analog formats.
• Notify others of equipment problems.
• Collaborate with others to determine technical details of productions.
• Operate audio recording equipment.
• Coordinate activities of production personnel.
• Maintain logs of production activities.
• Maintain inventories of materials, equipment, or products.
• Maintain records, documents, or other files.
• Train others on work processes.
• Compile technical information or documentation.
• Set up still or video cameras or related equipment.
• Construct distinctive physical objects for artistic, functional, or commercial purposes.
• Inform viewers, listeners, or audiences.
• Edit audio or video recordings.
• Coordinate logistics for productions or events.
• Draw detailed or technical illustrations.
• Write material for artistic or entertainment purposes.
• Write informational material.
• Study details of musical compositions.