Projections of Idaho Jobs by Industry and Occupation 2012 to 2022
Outline of Presentation

- Overview of Total Employment
- Industry Projections
- Occupations
- Analysis of sub-group occupations
- Education Attainment
Projections Concepts:

- Not a prediction of the future.
- Uses the best information about the past and the present.
- A forecast of the labor market a decade from now, if it were to run at full capacity.
Primary Goal:

- Provide information for individuals that are:
  - Entering the job market
  - Seeking to change careers
  - Researching the paths of knowledge and skill building that will lead to job success
Guidelines:

- Count of jobs, not people
- Produced every two years
- Decade timeframe projected
- Starting point of 2012 for this round
- Minimum level of industry projected
- Industry jobs projected first, from which occupational projections are developed.
Projections Results
2012 to 2022
Nation

- Total employment is projected to grow by 15.6 million jobs from 2012 to 2022, a percentage change of 10.8%, or 1.0% annualized.
- From 2002 to 2012, 3.1 million were added, 2.2% growth over 10 years, 0.2% annually.

Idaho

- From 2012 to 2022, projected to add 109,000 jobs, 16% over the decade, 1.5% annualized.
- Growth of 37,000 jobs from 2002 to 2012, 5.8% increase over the decade, 0.6% annually.

Sources: Idaho Department of Labor and, US Bureau of Labor Statistics
Industry Projections
2012 to 2022
Industry Job Growth: 2012-2022

Sources: Idaho Department of Labor and US Bureau of Labor Statistics
Industry Job Growth: 2012-2022

Projected 2022 Net Change

- Total, All Industry
- Healthcare/Social Assistance
- Retail Trade
- Leisure/Hospitality
- Professional/Business Services
- Construction
- Manufacturing
- Educational Services
- Financial Activities
- Wholesale Trade
- Agriculture
- Transport/Warehousing
- Self-Employed
- State/Local Govt
- Other Services
- Information
- Federal Govt
- Utilities
- Mining

Sources: Idaho Department of Labor and US Bureau of Labor Statistics
Industry job growth: 2012-2022

Fastest growing industries

Sources: Idaho Department of Labor and US Bureau of Labor Statistics
Projected Sector Proportions:

Employment Distribution, Idaho and Nation Compared

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>13.2</td>
<td>16.2</td>
<td></td>
<td>9.6</td>
<td>15.8</td>
<td></td>
<td>11.5</td>
<td>13.2</td>
<td></td>
<td>9.4</td>
<td>12.6</td>
<td></td>
<td>10.6</td>
<td>13.6</td>
<td></td>
<td>9.1</td>
<td>12.1</td>
</tr>
<tr>
<td>Goods Production</td>
<td>70.6</td>
<td>75.3</td>
<td></td>
<td>76.3</td>
<td>75.8</td>
<td></td>
<td>75.3</td>
<td>79.9</td>
<td></td>
<td>79.9</td>
<td></td>
<td></td>
<td>75.8</td>
<td></td>
<td>80.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Service Providing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Agriculture and Self-Employed</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Sources: Idaho Department of Labor and US Bureau of Labor Statistics
Occupations
2012 to 2022
Projection of Occupations 2012 to 2022

Analysis by Occupational Group
Idaho 2012 Level and Projected Numeric Growth by Occupation

- Total, All Occupations
- Office and Administrative Support
- Food Preparation and Serving Related
- Sales and Related
- Construction and Extraction
- Healthcare Practitioners and Technical
- Management
- Transportation and Material Moving
- Production
- Personal Care and Service
- Installation, Maintenance, and Repair
- Education, Training, and Library

Sources: Idaho Department of Labor and US Bureau of Labor Statistics
Idaho 2012 Level and Projected Numeric Growth by Occupation (cont.)

Total, All Occupations

- Healthcare Support
- Business and Financial Operations
- Building and Grounds Cleaning and Maintenance
- Farming, Fishing, and Forestry
- Community and Social Service
- Computer and Mathematical
- Protective Service
- Architecture and Engineering
- Life, Physical, and Social Science
- Arts, Design, Entertainment, Sports, and Media
- Legal

2012 Employment Level
Numeric Change

Sources: Idaho Department of Labor and US Bureau of Labor Statistics
## Projected Numeric Job Growth in Idaho 2012-2022

<table>
<thead>
<tr>
<th>Occupation Category</th>
<th>Projected Jobs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total, All Occupations</td>
<td>109,000</td>
</tr>
<tr>
<td>Office and Administrative Support</td>
<td>12,900</td>
</tr>
<tr>
<td>Food Preparation and Serving Related</td>
<td>12,400</td>
</tr>
<tr>
<td>Sales and Related</td>
<td>11,300</td>
</tr>
<tr>
<td>Construction and Extraction</td>
<td>9,000</td>
</tr>
<tr>
<td>Healthcare Practitioners and Technical</td>
<td>8,800</td>
</tr>
<tr>
<td>Management</td>
<td>7,000</td>
</tr>
<tr>
<td>Transportation and Material Moving</td>
<td>6,000</td>
</tr>
<tr>
<td>Production</td>
<td>5,500</td>
</tr>
<tr>
<td>Personal Care and Service</td>
<td>5,300</td>
</tr>
<tr>
<td>Installation, Maintenance, and Repair</td>
<td>4,800</td>
</tr>
<tr>
<td>Education, Training, and Library</td>
<td>4,400</td>
</tr>
<tr>
<td>Healthcare Support</td>
<td>4,300</td>
</tr>
<tr>
<td>Business and Financial Operations</td>
<td>3,400</td>
</tr>
<tr>
<td>Building and Grounds Cleaning and Maintenance</td>
<td>3,200</td>
</tr>
<tr>
<td>Farming, Fishing, and Forestry</td>
<td>2,100</td>
</tr>
<tr>
<td>Community and Social Service</td>
<td>2,100</td>
</tr>
<tr>
<td>Computer and Mathematical</td>
<td>1,900</td>
</tr>
<tr>
<td>Protective Service</td>
<td>1,300</td>
</tr>
<tr>
<td>Architecture and Engineering</td>
<td>1,300</td>
</tr>
<tr>
<td>Life, Physical, and Social Science</td>
<td>900</td>
</tr>
<tr>
<td>Arts, Design, Entertainment, Sports, and Media</td>
<td>900</td>
</tr>
<tr>
<td>Legal</td>
<td>200</td>
</tr>
</tbody>
</table>

Sources: Idaho Department of Labor and US Bureau of Labor Statistics
### Projection of Idaho Occupations – Percent Growth from 2012 to 2022

<table>
<thead>
<tr>
<th>Occupation</th>
<th>Percent Growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total, All Occupations</td>
<td>16.2%</td>
</tr>
<tr>
<td>Construction and Extraction</td>
<td>27.1%</td>
</tr>
<tr>
<td>Healthcare Practitioners and Technical</td>
<td>24.8%</td>
</tr>
<tr>
<td>Healthcare Support</td>
<td>24.3%</td>
</tr>
<tr>
<td>Food Preparation and Serving Related</td>
<td>23.8%</td>
</tr>
<tr>
<td>Personal Care and Service</td>
<td>22.7%</td>
</tr>
<tr>
<td>Installation, Maintenance, and Repair</td>
<td>17.6%</td>
</tr>
<tr>
<td>Sales and Related</td>
<td>16.9%</td>
</tr>
<tr>
<td>Community and Social Service</td>
<td>16.9%</td>
</tr>
<tr>
<td>Computer and Mathematical</td>
<td>15.4%</td>
</tr>
<tr>
<td>Business and Financial Operations</td>
<td>14.6%</td>
</tr>
<tr>
<td>Transportation and Material Moving</td>
<td>13.7%</td>
</tr>
<tr>
<td>Production</td>
<td>13.6%</td>
</tr>
<tr>
<td>Building and Grounds Cleaning and Maintenance</td>
<td>13.3%</td>
</tr>
<tr>
<td>Management</td>
<td>13.2%</td>
</tr>
<tr>
<td>Office and Administrative Support</td>
<td>13.0%</td>
</tr>
<tr>
<td>Farming, Fishing, and Forestry</td>
<td>12.3%</td>
</tr>
<tr>
<td>Education, Training, and Library</td>
<td>11.0%</td>
</tr>
<tr>
<td>Architecture and Engineering</td>
<td>9.9%</td>
</tr>
<tr>
<td>Protective Service</td>
<td>9.8%</td>
</tr>
<tr>
<td>Arts, Design, Entertainment, Sports, and Media</td>
<td>9.3%</td>
</tr>
<tr>
<td>Life, Physical, and Social Science</td>
<td>9.2%</td>
</tr>
<tr>
<td>Legal</td>
<td>5.0%</td>
</tr>
</tbody>
</table>

Sources: Idaho Department of Labor and US Bureau of Labor Statistics
National Occupations
2012 Job Level and Projected 2022 Numeric Growth

Total, All Occupations

- Office and Administrative Support
- Sales and Related
- Food Preparation and Serving Related
- Transportation and Material Moving
- Education, Training, and Library
- Production
- Management
- Healthcare Practitioners and Technical
- Business and Financial Operations
- Construction and Extraction
- Building and Grounds Cleaning and Maintenance
- Installation, Maintenance, and Repair
- Personal Care and Service
- Healthcare Support
- Computer and Mathematical
- Protective Service
- Arts, Design, Entertainment, Sports, and Media
- Architecture and Engineering
- Community and Social Service
- Life, Physical, and Social Science
- Legal
- Farming, Fishing, and Forestry

 Ranked by Numeric Growth

# National Occupations

National Projected 2022 Numeric Growth per Occupation

<table>
<thead>
<tr>
<th>Total, All Occupations</th>
<th>Millions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Healthcare Practitioners and Technical</td>
<td>1</td>
</tr>
<tr>
<td>Office and Administrative Support</td>
<td>6</td>
</tr>
<tr>
<td>Construction and Extraction</td>
<td>11</td>
</tr>
<tr>
<td>Healthcare Support</td>
<td>16</td>
</tr>
<tr>
<td>Personal Care and Service</td>
<td>16</td>
</tr>
<tr>
<td>Food Preparation and Serving Related</td>
<td>11</td>
</tr>
<tr>
<td>Sales and Related</td>
<td>11</td>
</tr>
<tr>
<td>Education, Training, and Library</td>
<td>11</td>
</tr>
<tr>
<td>Business and Financial Operations</td>
<td>6</td>
</tr>
<tr>
<td>Transportation and Material Moving</td>
<td>1</td>
</tr>
<tr>
<td>Building and Grounds Cleaning and Maintenance</td>
<td>4</td>
</tr>
<tr>
<td>Computer and Mathematical Management</td>
<td>4</td>
</tr>
<tr>
<td>Installation, Maintenance, and Repair</td>
<td>4</td>
</tr>
<tr>
<td>Community and Social Service Protective Service</td>
<td>4</td>
</tr>
<tr>
<td>Arts, Design, Entertainment, Sports, and Media</td>
<td>4</td>
</tr>
<tr>
<td>Architecture and Engineering</td>
<td>4</td>
</tr>
<tr>
<td>Legal</td>
<td>4</td>
</tr>
<tr>
<td>Life, Physical, and Social Science Production</td>
<td>4</td>
</tr>
<tr>
<td>Farming, Fishing, and Forestry</td>
<td>4</td>
</tr>
</tbody>
</table>
National Occupations

Ranked by Percent Growth from 2012 to 2022

Healthcare Support 28.1%
Healthcare Practitioners and Technical 21.5%
Construction and Extraction 21.4%
Personal Care and Service 20.9%
Computer and Mathematical 18.0%
Community and Social Service 17.2%
Building and Grounds Cleaning and Maintenance 12.5%
Business and Financial Operations 12.5%
Education, Training, and Library 11.1%
Legal 10.7%
Life, Physical, and Social Science 10.1%
Installation, Maintenance, and Repair 9.6%
Food Preparation and Serving Related 9.4%
Transportation and Material Moving 8.6%
Protective Service 7.9%
Sales and Related 7.3%
Architecture and Engineering 7.3%
Management 7.2%
Arts, Design, Entertainment, Sports, and Media 7.0%
Office and Administrative Support 6.8%
Production -3.4%
Farming, Fishing, and Forestry 0.8%

Sources: US Bureau of Labor Statistics
Projection of Idaho Occupations - 2012 to 2022

Total Projected Openings by Occupational Group

- Office and Administrative Support: 2,224 (1,352 Replacement, 872 Growth)
- Sales and Related: 2,025 (1,138 Replacement, 887 Growth)
- Food Preparation and Serving Related: 1,906 (1,245 Replacement, 661 Growth)
- Management: 1,012 (699 Replacement, 313 Growth)
- Healthcare Practitioners and Technical: 727 (480 Replacement, 247 Growth)
- Transportation and Material Moving: 954 (599 Replacement, 355 Growth)
- Production: 882 (581 Replacement, 301 Growth)
- Construction and Extraction: 548 (898 Replacement, -350 Growth)
- Education, Training, and Library: 837 (437 Replacement, 400 Growth)
- Installation, Maintenance, and Repair: 649 (475 Replacement, 174 Growth)
- Personal Care and Service: 458 (534 Replacement, -76 Growth)
- Building and Grounds Cleaning and Maintenance: 505 (325 Replacement, 180 Growth)
- Healthcare Support: 342 (433 Replacement, -91 Growth)
- Farming, Fishing, and Forestry: 471 (229 Replacement, 242 Growth)
- Protective Service: 380 (126 Replacement, 254 Growth)
- Community and Social Service: 279 (208 Replacement, 71 Growth)
- Architecture and Engineering: 291 (128 Replacement, 163 Growth)
- Life, Physical, and Social Science: 310 (92 Replacement, 218 Growth)
- Computer and Mathematical: 196 (186 Replacement, 10 Growth)
- Arts, Design, Entertainment, Sports, and Media: 894 (219 Replacement, 675 Growth)
- Legal: 82 (92 Replacement, -10 Growth)

Sources: Idaho Department of Labor and US Bureau of Labor Statistics
Projection of National Occupations - 2012 to 2022

National Projected Job Openings by Occupational Group, by thousands

- Office and administrative support: 1897.5
- Sales and related: 1122.8
- Food preparation and serving related: 1104.6
- Healthcare practitioners and technical: 1733.0
- Transportation and material moving: 818.7
- Education, training, and library: 1015.9
- Management: 826.1
- Construction and extraction: 1302.3
- Business and financial operations: 908.7
- Personal care and service: 1126.0
- Production: 345.1
- Healthcare support: 1155.7
- Building and grounds cleaning and maintenance: 691.0
- Installation, maintenance, and repair: 435.0
- Computer and mathematical: 685.8
- Protective service: 263.0
- Community and social service: 409.7
- Arts, design, entertainment, sports, and media: 196.8
- Architecture and engineering: 185.0
- Life, physical, and social science: 127.2
- Legal: 133.1
- Farming, fishing, and forestry: 5.5

Sources: US Bureau of Labor Statistics
Occupation Projections
2012 to 2022

- Analysis of sub-group occupations
## Idaho’s Projected Top Ten Occupations by: Abundance 2012 to 2022

<table>
<thead>
<tr>
<th>Rank</th>
<th>Occupation Titles</th>
<th>2022 Employment</th>
<th>Change</th>
<th>Annual Openings</th>
<th>Percent Change</th>
<th>2013 Median Wage</th>
<th>Typical Entry Level Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Retail Salespersons</td>
<td>25,582</td>
<td>4,289</td>
<td>1,157</td>
<td>20.14%</td>
<td>$10.10</td>
<td>&lt;HS</td>
</tr>
<tr>
<td>2</td>
<td>Customer Service Representatives</td>
<td>19,010</td>
<td>3,394</td>
<td>764</td>
<td>21.73%</td>
<td>$12.21</td>
<td>HS</td>
</tr>
<tr>
<td>3</td>
<td>Cashiers</td>
<td>17,068</td>
<td>2,293</td>
<td>868</td>
<td>15.52%</td>
<td>$9.02</td>
<td>&lt;HS</td>
</tr>
<tr>
<td>4</td>
<td>Office Clerks, General</td>
<td>15,706</td>
<td>1,438</td>
<td>444</td>
<td>10.08%</td>
<td>$12.84</td>
<td>HS</td>
</tr>
<tr>
<td>5</td>
<td>Registered Nurses</td>
<td>15,511</td>
<td>3,235</td>
<td>562</td>
<td>26.35%</td>
<td>$28.36</td>
<td>A</td>
</tr>
<tr>
<td>6</td>
<td>Heavy and Tractor-Trailer Truck Drivers</td>
<td>13,880</td>
<td>1,662</td>
<td>361</td>
<td>13.60%</td>
<td>$16.95</td>
<td>PVA</td>
</tr>
<tr>
<td>7</td>
<td>Combined Food Preparation and Serving Workers, Including Fast Food</td>
<td>13,077</td>
<td>3,215</td>
<td>699</td>
<td>32.60%</td>
<td>$8.62</td>
<td>&lt;HS</td>
</tr>
<tr>
<td>8</td>
<td>General and Operations Managers</td>
<td>12,999</td>
<td>2,031</td>
<td>408</td>
<td>18.52%</td>
<td>$33.41</td>
<td>B</td>
</tr>
<tr>
<td>9</td>
<td>Waiters and Waitresses</td>
<td>12,163</td>
<td>2,164</td>
<td>697</td>
<td>21.64%</td>
<td>$8.57</td>
<td>&lt;HS</td>
</tr>
<tr>
<td>10</td>
<td>Secretaries and Administrative Assistants, Except Legal, Medical, and Executive</td>
<td>11,731</td>
<td>1,395</td>
<td>264</td>
<td>13.50%</td>
<td>$13.44</td>
<td>HS</td>
</tr>
</tbody>
</table>

1 Average annual job openings include new jobs plus replacement jobs.

2 Typical Entry Level Education as determined by Bureau of Labor Statistics analysis.

* Education Key: PhD – Doctoral or professional degree; M – Master’s degree; B – Bachelor’s degree; A – Associate’s degree; PVA – Postsecondary non-degree award; SC – Some college, no degree; HS – High school diploma or equivalent; <HS – Less than High school.

Source: Idaho Department of Labor, Communications & Research Division.
<table>
<thead>
<tr>
<th>Rank</th>
<th>Occupation Titles</th>
<th>2022 Employment</th>
<th>Change</th>
<th>Annual Openings¹</th>
<th>Percent Change</th>
<th>2013 Median Wage</th>
<th>Typical Entry Level Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Retail Salespersons</td>
<td>25,582</td>
<td>4,289</td>
<td>1,157</td>
<td>20.1%</td>
<td>$10.10</td>
<td>&lt;HS</td>
</tr>
<tr>
<td>2</td>
<td>Cashiers</td>
<td>17,068</td>
<td>2,293</td>
<td>868</td>
<td>15.5%</td>
<td>$9.02</td>
<td>&lt;HS</td>
</tr>
<tr>
<td>3</td>
<td>Customer Service Representatives</td>
<td>19,010</td>
<td>3,394</td>
<td>764</td>
<td>21.7%</td>
<td>$12.21</td>
<td>HS</td>
</tr>
<tr>
<td>4</td>
<td>Combined Food Preparation and Serving Workers, Including Fast Food</td>
<td>13,077</td>
<td>3,215</td>
<td>699</td>
<td>32.6%</td>
<td>$8.62</td>
<td>&lt;HS</td>
</tr>
<tr>
<td>5</td>
<td>Waiters and Waitresses</td>
<td>12,163</td>
<td>2,164</td>
<td>697</td>
<td>21.6%</td>
<td>$8.57</td>
<td>&lt;HS</td>
</tr>
<tr>
<td>6</td>
<td>Registered Nurses</td>
<td>15,511</td>
<td>3,235</td>
<td>562</td>
<td>26.4%</td>
<td>$28.36</td>
<td>A</td>
</tr>
<tr>
<td>7</td>
<td>Farmworkers and Laborers, Crop, Nursery, and Greenhouse</td>
<td>11,586</td>
<td>1,473</td>
<td>454</td>
<td>14.6%</td>
<td>$9.19</td>
<td>&lt;HS</td>
</tr>
<tr>
<td>8</td>
<td>Office Clerks, General</td>
<td>15,706</td>
<td>1,438</td>
<td>444</td>
<td>10.1%</td>
<td>$12.84</td>
<td>HS</td>
</tr>
<tr>
<td>9</td>
<td>General and Operations Managers</td>
<td>12,999</td>
<td>2,031</td>
<td>408</td>
<td>18.5%</td>
<td>$33.41</td>
<td>B</td>
</tr>
<tr>
<td>10</td>
<td>Laborers and Freight, Stock, and Material Movers, Hand</td>
<td>9,953</td>
<td>1,386</td>
<td>404</td>
<td>16.2%</td>
<td>$11.69</td>
<td>&lt;HS</td>
</tr>
</tbody>
</table>

¹ Average annual job openings include new jobs plus replacement jobs.

* Education Key: PhD – Doctoral or professional degree; M – Master’s degree; B – Bachelor’s degree; A – Associate’s degree; PVA – Postsecondary non-degree award; SC – Some college, no degree; HS – High school diploma or equivalent; <HS – Less than High school.

Source: Idaho Department of Labor, Communications & Research Division.
<table>
<thead>
<tr>
<th>Rank</th>
<th>Occupation Titles</th>
<th>2022 Employment</th>
<th>Change</th>
<th>Annual Openings¹</th>
<th>Percent Change</th>
<th>2013 Median Wage</th>
<th>Typical Entry Level Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Insulation Workers, Mechanical</td>
<td>173</td>
<td>77</td>
<td>9</td>
<td>80.2%</td>
<td>$17.30</td>
<td>HS</td>
</tr>
<tr>
<td>2</td>
<td>Insulation Workers, Floor, Ceiling, and Wall</td>
<td>253</td>
<td>108</td>
<td>13</td>
<td>74.5%</td>
<td>$17.04</td>
<td>&lt;HS</td>
</tr>
<tr>
<td>3</td>
<td>Mechanical Door Repairers</td>
<td>117</td>
<td>45</td>
<td>6</td>
<td>62.5%</td>
<td>$13.28</td>
<td>HS</td>
</tr>
<tr>
<td>4</td>
<td>Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters</td>
<td>231</td>
<td>83</td>
<td>10</td>
<td>56.1%</td>
<td>$15.73</td>
<td>&lt;HS</td>
</tr>
<tr>
<td>5</td>
<td>Diagnostic Medical Sonographers</td>
<td>632</td>
<td>213</td>
<td>27</td>
<td>50.8%</td>
<td>$29.85</td>
<td>A</td>
</tr>
<tr>
<td>5</td>
<td>Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons</td>
<td>128</td>
<td>42</td>
<td>5</td>
<td>48.8%</td>
<td>$8.60</td>
<td>&lt;HS</td>
</tr>
<tr>
<td>7</td>
<td>Orthotists and Prosthetists</td>
<td>59</td>
<td>19</td>
<td>2</td>
<td>47.5%</td>
<td>$31.60</td>
<td>M</td>
</tr>
<tr>
<td>8</td>
<td>Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic</td>
<td>67</td>
<td>21</td>
<td>3</td>
<td>45.7%</td>
<td>$19.05</td>
<td>HS</td>
</tr>
<tr>
<td>9</td>
<td>Drywall and Ceiling Tile Installers</td>
<td>986</td>
<td>309</td>
<td>37</td>
<td>45.6%</td>
<td>$15.59</td>
<td>&lt;HS</td>
</tr>
<tr>
<td>10</td>
<td>Stonemasons</td>
<td>147</td>
<td>45</td>
<td>5</td>
<td>44.1%</td>
<td>$18.22</td>
<td>HS</td>
</tr>
</tbody>
</table>

¹ Average annual job openings include new jobs plus replacement jobs.

- Education Key: PhD – Doctoral or professional degree; M – Master’s degree; B – Bachelor’s degree; A – Associate’s degree; PVA – Postsecondary non-degree award; SC – Some college, no degree; HS – High school diploma or equivalent; <HS – Less than High school.
- Source: Idaho Department of Labor, Communications & Research Division.
# Idaho’s Top Ten Occupations by:
## 2013 Median Wage

<table>
<thead>
<tr>
<th>Rank</th>
<th>Occupation Titles</th>
<th>Hourly Median Wage&lt;sup&gt;1&lt;/sup&gt;</th>
<th>Annual Median Wage&lt;sup&gt;1&lt;/sup&gt;</th>
<th>Average Annual Openings&lt;sup&gt;2&lt;/sup&gt;</th>
<th>Percent Change</th>
<th>Annualized Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Family and General Practitioners</td>
<td>$89.20</td>
<td>$185,530</td>
<td>24</td>
<td>10.0%</td>
<td>1.0%</td>
</tr>
<tr>
<td>2</td>
<td>Dentists, General</td>
<td>$75.03</td>
<td>$156,070</td>
<td>22</td>
<td>11.6%</td>
<td>1.1%</td>
</tr>
<tr>
<td>3</td>
<td>Pediatricians, General</td>
<td>$70.67</td>
<td>$146,990</td>
<td>4</td>
<td>9.6%</td>
<td>0.9%</td>
</tr>
<tr>
<td>4</td>
<td>Nurse Anesthetists</td>
<td>$69.91</td>
<td>$145,400</td>
<td>10</td>
<td>19.7%</td>
<td>1.8%</td>
</tr>
<tr>
<td>5</td>
<td>Architectural and Engineering Managers</td>
<td>$61.66</td>
<td>$128,250</td>
<td>39</td>
<td>13.5%</td>
<td>1.3%</td>
</tr>
<tr>
<td>6</td>
<td>Actuaries</td>
<td>$56.76</td>
<td>$118,060</td>
<td>2</td>
<td>29.0%</td>
<td>2.6%</td>
</tr>
<tr>
<td>7</td>
<td>Pharmacists</td>
<td>$53.82</td>
<td>$111,940</td>
<td>75</td>
<td>32.4%</td>
<td>2.8%</td>
</tr>
<tr>
<td>8</td>
<td>Judges, Magistrate Judges, and Magistrates</td>
<td>$53.14</td>
<td>$110,530</td>
<td>3</td>
<td>4.1%</td>
<td>0.4%</td>
</tr>
<tr>
<td>9</td>
<td>Chemical Engineers</td>
<td>$52.98</td>
<td>$110,190</td>
<td>3</td>
<td>11.7%</td>
<td>1.1%</td>
</tr>
<tr>
<td>10</td>
<td>Chief Executives</td>
<td>$51.43</td>
<td>$106,980</td>
<td>25</td>
<td>8.7%</td>
<td>0.8%</td>
</tr>
</tbody>
</table>

<sup>1</sup> Median wage as defined by the 2013 annual wage from the Bureau of Labor Statistics Occupational Employment Statistics Program

<sup>2</sup> Average annual job openings include new jobs plus replacement jobs.

* Education Key: PhD – Doctoral or professional degree; M – Master’s degree; B – Bachelor’s degree; A – Associate’s degree; PVA – Postsecondary non-degree award; SC – Some college, no degree; HS – High school diploma or equivalent; <HS – Less than High school.

Source: Idaho Department of Labor, Communications & Research Division.
<table>
<thead>
<tr>
<th>Rank</th>
<th>Occupation Titles</th>
<th>2022 Employment</th>
<th>Annual Openings</th>
<th>Percent Change</th>
<th>2013 Median Wage</th>
<th>Typical Entry Level Education</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Pharmacists</td>
<td>1,763</td>
<td>75</td>
<td>32.4%</td>
<td>$53.82</td>
<td>Doctoral</td>
</tr>
<tr>
<td>2</td>
<td>Registered Nurses</td>
<td>15,511</td>
<td>562</td>
<td>26.4%</td>
<td>$28.36</td>
<td>A</td>
</tr>
<tr>
<td>3</td>
<td>Physical Therapists</td>
<td>1,502</td>
<td>64</td>
<td>31.5%</td>
<td>$37.43</td>
<td>Doctoral</td>
</tr>
<tr>
<td>4</td>
<td>Software Developers, Applications</td>
<td>2,117</td>
<td>60</td>
<td>22.2%</td>
<td>$33.62</td>
<td>B</td>
</tr>
<tr>
<td>5</td>
<td>Physician Assistants</td>
<td>899</td>
<td>34</td>
<td>33.0%</td>
<td>$42.38</td>
<td>M</td>
</tr>
<tr>
<td>6</td>
<td>Industrial Machinery Mechanics</td>
<td>2,336</td>
<td>107</td>
<td>30.6%</td>
<td>$22.39</td>
<td>HS</td>
</tr>
<tr>
<td>7</td>
<td>Electricians</td>
<td>3,746</td>
<td>139</td>
<td>29.1%</td>
<td>$21.21</td>
<td>HS</td>
</tr>
<tr>
<td>8</td>
<td>Dental Hygienists</td>
<td>1,357</td>
<td>53</td>
<td>21.6%</td>
<td>$35.02</td>
<td>A</td>
</tr>
<tr>
<td>9</td>
<td>Market Research Analysts and Marketing Specialists</td>
<td>1,959</td>
<td>67</td>
<td>31.9%</td>
<td>$24.31</td>
<td>B</td>
</tr>
<tr>
<td>10</td>
<td>Nurse Practitioners</td>
<td>723</td>
<td>28</td>
<td>30.0%</td>
<td>$42.71</td>
<td>M</td>
</tr>
</tbody>
</table>

1. Hot Jobs: Jobs that on average rank high in three major criteria — the abundance of jobs in the economy, jobs that are growing the fastest and jobs with the highest pay.
2. Average annual job openings include new jobs plus replacement jobs.

* Education Key: PhD – Doctoral or professional degree; M – Master’s degree; B – Bachelor’s degree; A – Associate’s degree; PVA – Postsecondary non-degree award; SC – Some college, no degree; HS – High school diploma or equivalent; <HS – Less than high school.

Source: Idaho Department of Labor, Communications & Research Division.
Education Attainment
2012 to 2022
Educational Attainment, Growth and Replacement: 2012-2022

Idaho Distribution of Openings by Educational Attainment

- Less than high school diploma: 12,955 (2012 Employment), 17,378 (Replacement), 4,423 (Growth)
- High school diploma or equivalent: 30,253 (2012 Employment), 41,987 (Replacement), 11,734 (Growth)
- Some college, no degree: 24,281 (2012 Employment), 34,392 (Replacement), 10,111 (Growth)
- Associate’s degree: 9,980 (2012 Employment), 13,160 (Replacement), 3,180 (Growth)
- Bachelor’s degree: 18,546 (2012 Employment), 27,067 (Replacement), 8,521 (Growth)
- Master’s degree: 6,632 (2012 Employment), 9,740 (Replacement), 3,108 (Growth)
- Doctoral or professional degree: 2,521 (2012 Employment), 3,884 (Replacement), 1,363 (Growth)

* Educational attainment as defined by the education of workers in occupations that are 25 years or older.
Source: American Community Survey, Bureau of Labor Statistics, Idaho Department of Labor
**Educational Attainment, Growth and Replacement: 2012-2022**

**National Distribution of Openings by Educational Attainment**

- **Less than high school diploma**
  - 2012 Employment: 1,588.7
  - Replacement: 3,699.0
  - Growth: 2,110.3

- **High school diploma or equivalent**
  - 2012 Employment: 4,204.7
  - Replacement: 9,677.7
  - Growth: 5,473.0

- **Some college, no degree**
  - 2012 Employment: 3,740.6
  - Replacement: 7,887.7
  - Growth: 4,147.1

- **Associate’s degree**
  - 2012 Employment: 1,650.7
  - Replacement: 2,991.2
  - Growth: 1,340.5

- **Bachelor’s degree**
  - 2012 Employment: 3,339.4
  - Replacement: 6,396.2
  - Growth: 3,056.8

- **Master’s degree**
  - 2012 Employment: 1,413.8
  - Replacement: 2,348.7
  - Growth: 934.9

- **Doctoral or professional degree**
  - 2012 Employment: 654.9
  - Replacement: 963.4
  - Growth: 308.5

*Educational attainment is defined by the education of workers in occupations that are 25 years or older. Source: American Community Survey, Bureau of Labor Statistics, Idaho Department of Labor.*
- By 2022, projections show that 59% workers 25 years and older, will have a greater than high school education.
- 36% will have a Bachelor's or higher.
- 41% will have a high school diploma or less.
Nationwide, projections indicate 61% of workers 25 years and older, will have greater than a high school education.

- 38% will have a Bachelor’s or higher.
- 39% will have a high school diploma or less.
Share of Projected Openings by Education Level: 2012-2022

- **Idaho:**
  - 27% Bachelor’s or greater.
  - 32% Greater than high-school up to Associates.
  - 41% High School or less.

- **Nationwide**
  - 30% Bachelor’s or greater.
  - 32% greater than high-school up to Associates.
  - 38% High School or less.

Educational attainment as defined by the education of workers in occupations that are 25 years or older. Source: American Community Survey, Bureau of Labor Statistics, Idaho Department of Labor.
Summary: Industry

- Idaho Industry Jobs Projections 2012 to 2022:
  - Increase 109,000 (16%) over ten years
  - 18,000 (20%) more jobs in goods producing (excluding agriculture)
  - Rebound of the industry contributes to 12,000 (39%) increase for construction
  - Service Sector jobs growth of 86,000 (17%)
  - Health care and social assistance adds 22,000 (27%) jobs
Summary: Occupations

- Idaho Occupation Projections:
  - 109,000 net growth of total for all Occupations
  - Over 30% of net growth will fill Office and Administrative Support, Food Preparation and Serving Related, and Sales and Related occupations.
  - Projected growth is fastest for construction and extraction occupations, adding 9,000 or 27 percent over ten years.
  - Healthcare Practitioners and Technical growth of 8,800 jobs, 25 percent and projected to be second fastest.
Methodology
Projection Model Exclusions:

- Business cycle
- Dynamic pace of technological or other innovation
- Economic bubbles
- Crises
- Uncertainty natural to political economies
Funding and Administration:

- The Idaho Department of Labor develops and published projection of Idaho’s labor market with resource and guidance provided by the US Department of Labor, Employment Training Agency.

- Allows for comparability of Idaho data with that of other states and the nation.
Methodology:

- **Data**
  - Historical and current industry employment from Quarterly Census of Employment and Wages
  - National and state economic variables

- **Method**
  - Ordinary Least Square regression models of each industry of sufficient size.
  - Shift-Share and time-series for industries that are too small for regression viability, or when statistically sound model is not possible.

- **Analytical judgment:**
  - Adjustment of rates or ratios derived from national data base on local factors or conditions
  - Search and selection of locally relevant data
  - Selecting the most appropriate projections model based on economic assumptions
  - Strict mechanical approaches to projections will not achieve the highest level of accuracy.
Methodology - Occupations

Data

- **Completed Industry Projections for relevant time period.**
- **Staffing pattern for Idaho industries developed from the Occupational Employment Statistics Program (OES).**
  - OES is a program funded and directed by the Bureau of Labor Statistics, and the Idaho Department of Labor
  - **A direct survey conducted by dedicated staff at the Idaho Department of Labor.**
  - **Provides annual analysis and information obtained directly from Idaho employers.**

Method

- **Staffing pattern applied to industry projections to derive occupational projections.**
Healthcare and Social Assistance

33.6%

19.4%

Healthcare Practitioners

Computer and mathematical occupations, 2.6%

Life, physical, and social science occupations, 0.9%

Healthcare practitioners and technical occupations, 5.5%

Healthcare support occupations, 2.8%

Office and administrative support occupations, 15.5%

Industry Employment 2012 = 145.4 Million

Healthcare and Social Assistance 2012 = 18.0 Million Jobs in Industry

US Total Employment 2012 = 145.4 Million

Occupation Employment 2012 = 145.4 Million

Sources: Idaho Department of Labor and, US Bureau of Labor Statistics