

The **Occupation Profiles** tool is located on QualityInfo.org, a website of the **Oregon Employment Department**

First-Line Supervisors of Production and Operating Workers (511011)

Portland Tri-County (Clackamas, Multnomah, Washington)

State of Oregon Licenses and Certifications

for First-Line Supervisors of Production and Operating Workers

No statewide license is required for this occupation.

Wage Range

for First-Line Supervisors of Production and Operating Workers

Area	10th Percentile	25th Percentile	50th Percentile (Median)	75th Percentile	90th Percentile	Average Hourly	Average Annual
Oregon	\$17.38	\$21.54	\$27.88	\$35.14	\$42.11	\$29.02	\$60,351
Portland Tri-County	17.97	22.79	29.03	36.37	43.93	30.23	62,891

Employment Outlook

for First-Line Supervisors of Production and Operating Workers

Statewide Employment Analysis	<p>Employment in this occupation in 2017 was much larger than most occupations across the state. The total number of job openings is projected to be much larger than most occupations in Oregon through 2027. This occupation is expected to grow at a somewhat slower rate than the statewide average growth rate for all occupations through 2027.</p> <p>Reasonable employment opportunities exist.</p>
Area Employment Analysis	<p>Employment in this occupation in 2017 was much larger than most occupations in the region. The total number of job openings is projected to be somewhat larger than most occupations in the region through 2027. This occupation is expected to grow at a somewhat slower rate than the regional average growth rate for all occupations through 2027.</p>

Area Employment Projections

for First-Line Supervisors of Production and Operating Workers

Replacement openings are caused by existing workers permanently leaving their occupation. Many additional job openings occur due to job changes within occupations.

Area	2017 Employment	2027 Employment	Percent Change	Annual Change Openings	Annual Replacement Openings	Total Annual Openings
Oregon	7,279	8,055	10.7%	78	735	813
Portland Tri-County	3,248	3,544	9.1%	30	325	355

Industries of Employment

for First-Line Supervisors of Production and Operating Workers

Industry	Ownership	2017 Employment
Total All Industries	All	3,248
Manufacturing	Private	2,448
Food Manufacturing	Private	341
Fruit and Vegetable Preserving and Specialty Food Manufacturing	Private	83
Wood Product Manufacturing	Private	83
Other Wood Product Manufacturing	Private	60
Paper Manufacturing	Private	100

Industries of Employment

for First-Line Supervisors of Production and Operating Workers

Industry	Ownership	2017 Employment
Printing and Related Support Activities	Private	102
Chemical Manufacturing	Private	49
Nonmetallic Mineral Product Manufacturing	Private	92
Glass and Glass Product Manufacturing	Private	38
Primary Metal Manufacturing	Private	131
Foundries	Private	108
Fabricated Metal Product Manufacturing	Private	424
Cutlery and Handtool Manufacturing	Private	70
Architectural and Structural Metals Manufacturing	Private	80
Other Fabricated Metal Product Manufacturing	Private	58
Machinery Manufacturing	Private	182
Industrial Machinery Manufacturing	Private	60
Ventilation, Heating, Air-Conditioning, and Commercial Refrigeration Equipment Manufacturing	Private	40
Other General Purpose Machinery Manufacturing	Private	32
Computer and Electronic Product Manufacturing	Private	322
Semiconductor and Other Electronic Component Manufacturing	Private	276
Navigational, Measuring, Electromedical, and Control Instruments Manufacturing	Private	35
Transportation Equipment Manufacturing	Private	167
Ship and Boat Building	Private	33
Furniture and Related Product Manufacturing	Private	69
Office Furniture (including Fixtures) Manufacturing	Private	37
Miscellaneous Manufacturing	Private	96
Wholesale Trade	Private	198
Merchant Wholesalers, Durable Goods	Private	121
Lumber and Other Construction Materials Merchant Wholesalers	Private	31
Retail Trade	Private	177
Food and Beverage Stores	Private	147
Grocery Stores	Private	147
Professional, Scientific, and Technical Services	Private	29
Other Services (except Government)	Private	93

Educational Requirements

for First-Line Supervisors of Production and Operating Workers

The typical entry level education for this occupation is a high school diploma or equivalent. Those with a bachelor's degree have a competitive advantage in the labor market.

Knowledge

for First-Line Supervisors of Production and Operating Workers

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).

- **Production and Processing:** Knowledge of raw materials, production processes, quality control, costs, and other techniques for maximizing the effective manufacture and distribution of goods.
- **Mechanical:** Knowledge of machines and tools, including their designs, uses, repair, and maintenance.
- **Administration and Management:** Knowledge of business and management principles involved in strategic planning, resource allocation, human resources modeling, leadership technique, production methods, and coordination of people and resources.

Skills

for First-Line Supervisors of Production and Operating Workers

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).

- **Active Listening:** Listening to others, not interrupting, and asking good questions.
- **Speaking:** Talking to others.
- **Critical Thinking:** Thinking about the pros and cons of different ways to solve a problem.
- **Reading Comprehension:** Reading work-related information.
- **Time Management:** Managing your time and the time of other people.
- **Coordination:** Changing what is done based on other people's actions.
- **Management of Personnel Resources:** Selecting and managing the best workers for a job.
- **Judgment and Decision Making:** Thinking about the pros and cons of different options and picking the best one.
- **Monitoring:** Keeping track of how well people and/or groups are doing in order to make improvements.
- **Social Perceptiveness:** Understanding people's reactions.

Abilities

for First-Line Supervisors of Production and Operating Workers

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).

- **Oral Comprehension:** Listening and understanding what people say.
- **Deductive Reasoning:** Using rules to solve problems.
- **Oral Expression:** Communicating by speaking.
- **Problem Sensitivity:** Noticing when problems happen.
- **Written Comprehension:** Reading and understanding what is written.
- **Speech Clarity:** Speaking clearly.
- **Speech Recognition:** Recognizing spoken words.
- **Inductive Reasoning:** Making general rules or coming up with answers from lots of detailed information.
- **Written Expression:** Communicating by writing.

Detailed Work Activities

for First-Line Supervisors of Production and Operating Workers

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).

- Direct operational or production activities.
- Exchange information with colleagues.
- Plan production or operational procedures or sequences.
- Inspect production equipment.
- Monitor equipment operation to ensure proper functioning.
- Instruct workers to use equipment or perform technical procedures.
- Study blueprints or other instructions to determine equipment setup requirements.
- Order materials, supplies, or equipment.
- Record operational or production data.
- Confer with others to resolve production problems or equipment malfunctions.
- Calculate specific material, equipment, or labor requirements for production.
- Determine metal or plastic production methods.
- Advise others on ways to improve processes or products.

Schools and Training Providers

for First-Line Supervisors of Production and Operating Workers

The training providers listed below offer programs related to this occupation. This information is updated once per year. Anyone interested in a particular program should check with the training institution regarding its availability. Listing these training providers does not necessarily constitute or imply their endorsement, recommendation, or favoring by the State of Oregon.

School	City	Programs of Training and 2016 Graduates		
Clackamas Community College	Oregon City	Operations Management and Supervision	Postsec. Awards/Cert./Diplomas ; <1 yr.	14
		Operations Management and Supervision	Associate Degree	4

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School	City	Programs of Training and 2016 Graduates		
Oregon Institute of Technology	Klamath Falls	Operations Management and Supervision	Bachelor's Degree	18
Oregon State University	Corvallis	Operations Management and Supervision	Bachelor's Degree	96

Career Pathways

for First-Line Supervisors of Production and Operating Workers

These Oregon community colleges have defined career pathway roadmaps to facilitate entry into this occupation.

Community College	Pathway
Clackamas Community College	Video Production & Multimedia Journalism Welding Technology
Lane Community College	General Business Manager: AAS Welding and Fabrication Electrician Apprenticeship Technology
Rogue Community College	Apprenticeship: Construction Trades Apprenticeship: Electrician Technologies Apprenticeship: Industrial Mechanics and Maintenance Tech.
Treasure Valley Community College	Welding Technology: Combination Welder Business Management: WAFC Retail Management