

O*Net™ Job Zones

JobZone One: Little or No Preparation Needed

Experience: No previous work-related skill, knowledge, or experience is needed for these occupations. For example, a person can become a cashier even if he/she has never worked before.

Education: These occupations may require a high school diploma or GED certificate. Some may require a formal training course to obtain a license.

Job Training: Employees in these occupations need anywhere from a few days to a few months of training. Usually, an experienced worker could show you how to do the job.

Examples: These occupations involve following instructions and helping others. Examples include taxi drivers, amusement and recreation attendants, counter and rental clerks, and waiters/waitresses.

SVP Range: Below 4.0

JobZone Two: Some Preparation Needed

Experience: Some previous work-related skill, knowledge, or experience may be helpful in these occupations, but usually is not needed. For example, a teller might benefit from experience working with the public, but an inexperienced person could still learn to be a teller with little difficulty.

Education: These occupations usually require a high school diploma and may require some vocational training or job-related course work. In some cases, an associate's or bachelor's degree could be needed.

Job Training: Employees in these occupations need anywhere from a few months to one year of working with experienced employees.

Examples: These occupations often involve using your knowledge and skills to help others. Examples include sheet metal workers, forest fire fighters, customer service representatives, pharmacy technicians, salespersons (retail), and tellers.

SVP Range: 4.0 to < 6.0

JobZone Three: Medium Preparation Needed

Experience: Previous work-related skill, knowledge, or experience is required for these occupations. For example, an electrician must have completed three or four years of apprenticeship or several years of vocational training, and often must have passed a licensing exam in order to perform the job.

Education: Most occupations in this zone require training in vocational schools, on-the-job experience, or an associate's degree. Some may require a bachelor's degree.

Job Training: Employees in these occupations usually need one or two years of training involving both on-the-job experience and informal training with experienced workers.

Examples: These occupations usually involve using communication and organizational skills to coordinate, supervise, manage, or train others to accomplish goals. Examples include funeral directors, electricians, forest and conservation technicians, legal secretaries, interviewers, and insurance sales agents.

SVP Range: 6.0 < 7.0

JobZone Four: Considerable Preparation Needed

Experience: A minimum of two to four years of work-related skill, knowledge, or experience is needed for these occupations. For example, an accountant must complete four years of college and work for several years in accounting to be considered qualified.

Education: Most of these occupations require a four-year bachelor's degree, but some do not.

Job Training: Employees in these occupations usually need several years of work-related experience, on-the-job training, and/or vocational training.

Examples: many of these occupations involve coordinating, supervising, managing, or training others. Examples include accountants, human resource managers, computer programmers, teachers, chemists, and police detectives.

SVP Range: 7.0 < 8.0

JobZone Five: Extensive Preparation Needed

Experience: Extensive skill, knowledge, and experience are needed for these occupations. Many require more than five years of experience. For example, surgeons must complete four years of college and an additional five to seven years of specialized medical training to be able to do their job.

Education: A bachelor's degree is the minimum formal education required for these occupations. However, many also require graduate school. For example, they may require a masters degree, and some require a Ph.D., M.D., or J.D. (law degree).

Job Training: Employees may need some on-the-job training, but most of these occupations assume that the person will already have the required skills, knowledge, work-related experience, and/or training.

Examples: These occupations often involve coordinating, training, supervising, or managing the

activities of others to accomplish goals. Very advanced communication and organizational skills are required. Examples include librarians, lawyers, aerospace engineers, physicists, social psychologists, and surgeons.

SVP Range: 8.0 and above

JobZone Not Available

Some occupations do not have a JobZone designation. The most common reason for this is that the occupation is a broad occupation that O*Net™ has broken out into more detailed occupations. Another reason may be that the duties and requirements of the occupation are too broad or detailed to fit in one primary Job Zone.

Recent Changes O*Net™ Job Zones

The occupations listed below had their JobZone information updated in version 14.0 of the O*Net Database by the National O*NET Consortium. Neither the Office of Foreign Labor Certification nor the FLC Data Center set or modify JobZone information other than to match changes made by the National O*NET Consortium.

Code	Title	Old Zone	New Zone
11-3011.00	Administrative Services Managers	4	3
11-3071.01	Transportation Managers	3	4
13-1071.01	Employment Interviewers, Private or Public Employment Service	3	4
13-2053.00	Insurance Underwriters	3	4
15-2011.00	Actuaries	5	4
17-2011.00	Aerospace Engineers	5	4
19-3051.00	Urban and Regional Planners	4	5
21-1021.00	Child, Family, and School Social Workers	5	4
25-4031.00	Library Technicians	3	4
27-1025.00	Interior Designers	3	4
29-2012.00	Medical and Clinical Laboratory Technicians	2	3

29- 2052.00	Pharmacy Technicians	2	3
31- 9091.00	Dental Assistants	2	3
41- 3021.00	Insurance Sales Agents	3	4
41- 9022.00	Real Estate Sales Agents	2	3
43- 3011.00	Bill and Account Collectors	3	2
43- 3051.00	Payroll and Timekeeping Clerks	3	2
43- 4111.00	Interviewers, Except Eligibility and Loan	3	2
47- 2031.01	Construction Carpenters	3	2
49- 3042.00	Mobile Heavy Equipment Mechanics, Except Engines	4	3
53- 4012.00	Locomotive Firers	3	2

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Code	Title	Old Zone	New Jone
11- 1021.00	General and Operations Managers	4	3
11- 3021.00	Computer and Information Systems Managers	5	4
11- 3041.00	Compensation and Benefits Managers	3	4
11- 3051.00	Industrial Production Managers	4	3
11- 3071.02	Storage and Distribution Managers	3	4
11- 9011.01	Nursery and Greenhouse Managers	4	3
11- 9021.00	Construction Managers	3	4
13- 1011.00	Agents and Business Managers of Artists, Performers, and Athletes	3	4

13- 1021.00	Purchasing Agents and Buyers, Farm Products	4	3
13- 1041.01	Environmental Compliance Inspectors	3	4
13- 1041.02	Licensing Examiners and Inspectors	3	2
13- 2052.00	Personal Financial Advisors	3	4
17- 1022.00	Surveyors	3	4
17- 2081.00	Environmental Engineers	5	4
17- 2111.03	Product Safety Engineers	5	4
17- 3024.00	Electro-Mechanical Technicians	4	3
19- 1022.00	Microbiologists	4	5
19- 2041.00	Environmental Scientists and Specialists, Including Health	5	4
19- 2042.00	Geoscientists, Except Hydrologists and Geographers	5	4
19- 4041.01	Geological Data Technicians	3	4
19- 4061.01	City and Regional Planning Aides	3	4
21- 2021.00	Directors, Religious Activities and Education	5	4
23- 1022.00	Arbitrators, Mediators, and Conciliators	5	4
25- 9021.00	Farm and Home Management Advisors	4	5
27- 2012.04	Talent Directors	3	4
27- 2021.00	Athletes and Sports Competitors	3	2
27- 2023.00	Umpires, Referees, and Other Sports Officials	2	3
27- 2032.00	Choreographers	5	4
27- 2041.01	Music Directors	5	4

27- 2041.04	Music Composers and Arrangers	4	3
27- 2042.02	Musicians, Instrumental	4	3
29- 1071.00	Physician Assistants	4	5
29- 1122.00	Occupational Therapists	4	5
29- 2041.00	Emergency Medical Technicians and Paramedics	2	3
29- 2051.00	Dietetic Technicians	3	2
29- 2071.00	Medical Records and Health Information Technicians	3	2
29- 9011.00	Occupational Health and Safety Specialists	5	4
33- 1012.00	First-Line Supervisors/Managers of Police and Detectives	4	3
33- 2022.00	Forest Fire Inspectors and Prevention Specialists	2	3
33- 3021.01	Police Detectives	4	3
33- 9021.00	Private Detectives and Investigators	2	3
35- 1011.00	Chefs and Head Cooks	4	3
37- 3012.00	Pesticide Handlers, Sprayers, and Applicators, Vegetation	2	3
39- 5091.00	Makeup Artists, Theatrical and Performance	2	3
39- 6022.00	Travel Guides	2	3
39- 6032.00	Transportation Attendants, Except Flight Attendants and Baggage Porters	1	2
41- 9011.00	Demonstrators and Product Promoters	1	2
41- 9091.00	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	1	2
43- 2021.00	Telephone Operators	1	2
43- 4131.00	Loan Interviewers and Clerks	2	3

43-5041.00	Meter Readers, Utilities	1	2
43-5052.00	Postal Service Mail Carriers	1	2
43-5111.00	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	1	2
43-9051.00	Mail Clerks and Mail Machine Operators, Except Postal Service	1	2
43-9071.00	Office Machine Operators, Except Computer	1	2
45-1011.05	First-Line Supervisors and Manager/Supervisors - Logging Workers	4	2
45-1011.06	First-Line Supervisors and Manager/Supervisors - Fishery Workers	3	4
45-1011.07	First-Line Supervisors/Managers of Agricultural Crop and Horticultural Workers	3	2
45-2011.00	Agricultural Inspectors	4	3
45-3021.00	Hunters and Trappers	2	1
47-2011.00	Boilermakers	4	2
47-2061.00	Construction Laborers	2	1
47-2081.00	Drywall and Ceiling Tile Installers	3	2
47-2121.00	Glaziers	3	2
47-2131.00	Insulation Workers, Floor, Ceiling, and Wall	3	2
47-2132.00	Insulation Workers, Mechanical	3	2
47-2141.00	Painters, Construction and Maintenance	4	2
47-2171.00	Reinforcing Iron and Rebar Workers	3	2
47-2181.00	Roofers	3	2
47-2221.00	Structural Iron and Steel Workers	3	2
47-4021.00	Elevator Installers and Repairers	4	3

47- 4061.00	Rail-Track Laying and Maintenance Equipment Operators	1	2
47- 4071.00	Septic Tank Servicers and Sewer Pipe Cleaners	2	1
47- 5021.00	Earth Drillers, Except Oil and Gas	3	2
47- 5041.00	Continuous Mining Machine Operators	2	1
47- 5051.00	Rock Splitters, Quarry	2	1
47- 5081.00	Helpers--Extraction Workers	1	2
49- 1011.00	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	4	3
49- 2095.00	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	5	3
49- 3053.00	Outdoor Power Equipment and Other Small Engine Mechanics	3	2
49- 9043.00	Maintenance Workers, Machinery	1	2
49- 9045.00	Refractory Materials Repairers, Except Brickmasons	1	2
49- 9052.00	Telecommunications Line Installers and Repairers	3	2
49- 9092.00	Commercial Divers	2	3
49- 9096.00	Riggers	3	2
49- 9097.00	Signal and Track Switch Repairers	4	3
51- 2011.00	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	3	2
51- 2023.00	Electromechanical Equipment Assemblers	3	2
51- 2031.00	Engine and Other Machine Assemblers	3	2
51- 3011.00	Bakers	3	2
51- 3023.00	Slaughterers and Meat Packers	2	1
51- 4032.00	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	2	3

51- 4034.00	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	3	2
51- 4052.00	Pourers and Casters, Metal	1	2
51- 4061.00	Model Makers, Metal and Plastic	4	3
51- 4062.00	Patternmakers, Metal and Plastic	4	3
51- 5012.00	Bookbinders	4	2
51- 6042.00	Shoe Machine Operators and Tenders	1	2
51- 6051.00	Sewers, Hand	1	2
51- 6052.00	Tailors, Dressmakers, and Custom Sewers	2	3
51- 6061.00	Textile Bleaching and Dyeing Machine Operators and Tenders	1	2
51- 6062.00	Textile Cutting Machine Setters, Operators, and Tenders	3	2
51- 6063.00	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	3	2
51- 6064.00	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	3	2
51- 6091.00	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	1	2
51- 6092.00	Fabric and Apparel Patternmakers	2	3
51- 6093.00	Upholsterers	3	2
51- 7021.00	Furniture Finishers	2	1
51- 7031.00	Model Makers, Wood	4	3
51- 7032.00	Patternmakers, Wood	4	3
51- 8012.00	Power Distributors and Dispatchers	4	3
51- 8093.00	Petroleum Pump System Operators, Refinery Operators, and Gaugers	3	2
51- 9012.00	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	1	2

51-9021.00	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	1	2
51-9023.00	Mixing and Blending Machine Setters, Operators, and Tenders	1	2
51-9031.00	Cutters and Trimmers, Hand	1	2
51-9071.01	Jewelers	4	3
51-9071.06	Gem and Diamond Workers	2	3
51-9123.00	Painting, Coating, and Decorating Workers	1	2
51-9141.00	Semiconductor Processors	1	2
51-9191.00	Cementing and Gluing Machine Operators and Tenders	1	2
51-9192.00	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	1	2
51-9194.00	Etchers and Engravers	3	2
51-9195.03	Stone Cutters and Carvers	3	2
51-9195.04	Glass Blowers, Molders, Benders, and Finishers	4	3
51-9195.05	Potters	4	3
51-9197.00	Tire Builders	1	2
53-2021.00	Air Traffic Controllers	4	3
53-4011.00	Locomotive Engineers	4	2
53-5021.01	Ship and Boat Captains	4	3
53-5021.03	Pilots, Ship	5	3
53-5031.00	Ship Engineers	5	3
53-6041.00	Traffic Technicians	4	3
53-6051.08	Freight and Cargo Inspectors	3	4

53- 7063.00	Machine Feeders and Offbearers	1	2
53- 7121.00	Tank Car, Truck, and Ship Loaders	3	2

<http://www.flcdatabcenter.com/JobZone.aspx> (Accessed Aug. 29, 2012)