

Occupation Data Table

2017 Data, Updated January 2018

Sources: EMSI, Connecting Colorado, Bureau of Labor Statistics

< 2
2-4
> 4

< 5%
5%-9.9%
10%-19.9%
> 20%

In Demand
In Balance
Competitive Occupation
Saturated

SOC	Occupation Title	2017 Jobs	Avg. Emp. Change	Annual Openings	Available Applicants	Applicants per Opening	Saturation Rate	10% Hourly Wage	Median Hourly Wage	Typical Entry Level Education	Typical on-the-job training	Years of Experience
51-1011	First-Line Supervisors of Production and Operating Workers	3,332	1.7%	373	106	3.4	2.4%	\$17.52	\$28.65	High School/GED	None	< 5
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	84	(2.1%)	11	3	3.0	4.7%	\$13.67	\$20.47	High School/GED	Moderate-term	None
51-2021	Coil Winders, Tapers, and Finishers	34	(0.6%)	5	1	2.5	5.8%	\$9.47	\$14.73	High School/GED	Moderate-term	None
51-2022	Electrical and Electronic Equipment Assemblers	1,261	1.5%	179	40	2.7	3.0%	\$8.86	\$15.00	High School/GED	Moderate-term	None
51-2023	Electromechanical Equipment Assemblers	1,002	1.1%	135	32	2.8	1.3%	\$10.66	\$15.05	High School/GED	Moderate-term	None
51-2031	Engine and Other Machine Assemblers	200	2.6%	25	6	3.0	2.0%	\$13.76	\$18.01	High School/GED	Moderate-term	None
51-2041	Structural Metal Fabricators and Fitters	546	3.5%	74	17	2.8	0.9%	\$11.68	\$18.34	High School/GED	Moderate-term	None
51-2091	Fiberglass Laminators and Fabricators	53	4.1%	8	2	2.5	1.9%	\$9.30	\$12.19	High School/GED	Moderate-term	None
51-2092	Team Assemblers	2,593	0.9%	335	83	3.0	1.6%	\$9.73	\$14.64	High School/GED	Moderate-term	None
51-2099	Assemblers and Fabricators, All Other	2,977	4.2%	425	95	2.7	4.4%	\$10.29	\$14.95	High School/GED	Moderate-term	None
51-3011	Bakers	2,343	4.7%	409	75	2.2	0.8%	\$8.55	\$11.48	No formal educational credential	Long-term	None
51-3021	Butchers and Meat Cutters	1,065	2.4%	146	34	2.8	1.1%	\$10.22	\$15.50	No formal educational credential	Long-term	None
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	255	0.1%	35	8	2.8	5.1%	\$9.32	\$12.40	No formal educational credential	Short-term	None
51-3023	Slaughterers and Meat Packers	178	(2.3%)	26	6	2.6	7.3%	\$11.94	\$16.46	No formal educational credential	Short-term	None
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	265	6.9%	41	8	2.5	0.4%	\$9.91	\$14.58	No formal educational credential	Moderate-term	None
51-3092	Food Batchmakers	1,430	4.2%	240	46	2.3	0.3%	\$9.14	\$11.68	High School/GED	Moderate-term	None
51-3093	Food Cooking Machine Operators and Tenders	102	0.6%	16	3	2.5	2.9%	\$10.32	\$14.97	High School/GED	Moderate-term	None
51-3099	Food Processing Workers, All Other	523	3.8%	69	17	2.9	1.0%	\$9.57	\$11.87	No formal educational credential	Moderate-term	None
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	474	2.0%	54	15	3.4	2.7%	\$11.61	\$16.91	High School/GED	Moderate-term	None

51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	90	2.5%	10	3	3.3	4.4%	\$22.69	\$28.28	High School/GED	Long-term	None
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	462	1.4%	57	15	3.1	0.6%	\$12.32	\$15.21	High School/GED	Moderate-term	None
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	106	(1.1%)	15	3	2.7	-	\$19.34	\$21.89	High School/GED	Moderate-term	None
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	76	3.0%	11	2	2.6	-	\$12.51	\$14.97	High School/GED	Moderate-term	None
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders. Metal and Plastic	734	(0.5%)	95	23	3.0	1.8%	\$10.04	\$15.01	High School/GED	Moderate-term	None
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	77	0.3%	9	2	3.1	6.5%	\$10.03	\$14.48	High School/GED	Moderate-term	None
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	441	(0.2%)	52	14	3.2	1.1%	\$10.51	\$14.57	High School/GED	Moderate-term	None
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	90	(0.9%)	10	3	3.3	2.2%	\$9.41	\$15.98	High School/GED	Moderate-term	None
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	42	(2.9%)	5	1	3.0	7.1%	\$12.16	\$16.07	High School/GED	Moderate-term	None
51-4041	Machinists	2,081	2.0%	248	67	3.2	2.2%	\$12.07	\$21.41	High School/GED	Long-term	None
51-4051	Metal-Refining Furnace Operators and Tenders	27	(4.1%)	4	1	2.6	-	\$12.02	\$18.68	High School/GED	Moderate-term	None
51-4052	Pourers and Casters, Metal	18	(3.6%)	3	1	2.3	-	\$8.88	\$14.45	High School/GED	Moderate-term	None
51-4061	Model Makers, Metal and Plastic	35	0.6%	4	1	3.2	-	\$16.51	\$26.81	High School/GED	Moderate-term	None
51-4071	Foundry Mold and Coremakers	26	(0.7%)	4	1	2.4	3.8%	\$11.41	\$15.82	High School/GED	Moderate-term	None
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders. Metal and Plastic	938	1.7%	126	30	2.9	0.1%	\$9.31	\$12.17	High School/GED	Moderate-term	None
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	581	1.9%	72	19	3.1	2.1%	\$10.79	\$15.06	High School/GED	Moderate-term	None
51-4111	Tool and Die Makers	232	(0.1%)	25	7	3.6	-	\$14.38	\$24.82	High School/GED	Long-term	None
51-4121	Welders, Cutters, Solderers, and Brazers	2,232	2.1%	286	71	3.0	2.3%	\$13.58	\$18.34	High School/GED	Moderate-term	None
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	125	(0.8%)	16	4	3.0	7.2%	\$10.92	\$19.22	High School/GED	Moderate-term	None

51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	71	(0.8%)	9	2	3.1	-	\$11.64	\$18.46	High School/GED	Moderate-term	None
51-4192	Layout Workers, Metal and Plastic	26	0.0%	3	1	3.1	3.8%	\$13.20	\$17.64	High School/GED	Moderate-term	None
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	203	(0.8%)	24	7	3.2	1.0%	\$10.12	\$14.51	High School/GED	Moderate-term	None
51-4194	Tool Grinders, Filers, and Sharpeners	46	0.9%	7	1	2.6	-	\$11.31	\$19.28	High School/GED	Moderate-term	None
51-4199	Metal Workers and Plastic Workers, All Other	157	1.8%	21	5	2.9	3.8%	\$8.52	\$14.83	High School/GED	Moderate-term	None
51-5111	Prepress Technicians and Workers	396	(0.4%)	52	13	2.9	1.8%	\$11.76	\$18.03	Postsecondary non award	None	None
51-5112	Printing Press Operators	1,528	1.4%	186	49	3.1	1.6%	\$12.08	\$18.43	High School/GED	Moderate-term	None
51-5113	Print Binding and Finishing Workers	421	0.7%	63	13	2.6	2.1%	\$10.73	\$16.28	High School/GED	Short-term	None
51-6011	Laundry and Dry-Cleaning Workers	1,440	0.0%	210	46	2.6	0.8%	\$8.84	\$10.88	No formal educational credential	Short-term	None
51-6021	Pressers, Textile, Garment, and Related Materials	479	(0.2%)	65	15	2.8	0.2%	\$9.28	\$11.36	No formal educational credential	Short-term	None
51-6031	Sewing Machine Operators	1,254	2.5%	172	40	2.8	0.4%	\$8.77	\$11.03	No formal educational credential	Short-term	None
51-6041	Shoe and Leather Workers and Repairers	67	(1.4%)	10	2	2.5	1.5%	\$8.55	\$10.29	High School/GED	Moderate-term	None
51-6051	Sewers, Hand	89	3.1%	15	3	2.3	-	\$6.21	\$7.95	No formal educational credential	Moderate-term	None
51-6052	Tailors, Dressmakers, and Custom Sewers	282	0.6%	45	9	2.4	0.4%	\$7.28	\$8.75	No formal educational credential	Moderate-term	None
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	59	1.1%	10	2	2.4	-	\$11.67	\$16.52	High School/GED	Moderate-term	None
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	17	4.3%	5	1	1.2	-	\$9.87	\$13.74	High School/GED	Short-term	None
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	28	(1.9%)	4	1	2.7	-	\$8.62	\$11.81	High School/GED	Moderate-term	None
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	66	3.6%	9	2	2.7	-	\$10.61	\$16.35	High School/GED	Moderate-term	None
51-6092	Fabric and Apparel Patternmakers	44	3.8%	7	1	2.3	-	\$8.69	\$11.74	High School/GED	Moderate-term	None
51-6093	Upholsterers	267	0.2%	35	9	2.9	0.4%	\$9.29	\$16.28	High School/GED	Moderate-term	None
51-6099	Textile, Apparel, and Furnishings Workers, All Other	80	2.2%	11	3	2.7	1.2%	\$8.55	\$9.28	High School/GED	Short-term	None

51-7011	Cabinetmakers and Bench Carpenters	909	4.7%	136	29	2.6	1.0%	\$12.56	\$17.29	High School/GED	Moderate-term	None
51-7021	Furniture Finishers	281	3.4%	37	9	2.9	0.7%	\$11.28	\$17.02	High School/GED	Short-term	None
51-7031	Model Makers, Wood	10	(1.8%)	N/A	0	-	-	\$15.54	\$24.34	High School/GED	Moderate-term	None
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	78	(1.0%)	11	2	2.6	1.3%	\$9.93	\$13.25	High School/GED	Short-term	None
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	316	3.9%	45	10	2.7	1.0%	\$10.29	\$13.80	High School/GED	Short-term	None
51-7099	Woodworkers, All Other	102	(2.9%)	15	3	2.6	3.9%	\$10.25	\$16.37	High School/GED	Moderate-term	None
51-8011	Nuclear Power Reactor Operators	16	0.0%	N/A	1	-	6.2%	\$34.85	\$47.89	High School/GED	Long-term	None
51-8012	Power Distributors and Dispatchers	52	0.8%	5	2	3.8	1.9%	\$28.97	\$44.53	High School/GED	Long-term	None
51-8013	Power Plant Operators	182	1.9%	21	6	3.4	0.5%	\$25.63	\$34.23	High School/GED	Long-term	None
51-8021	Stationary Engineers and Boiler Operators	425	3.2%	54	14	3.0	0.2%	\$19.59	\$28.56	High School/GED	Long-term	None
51-8031	Water and Wastewater Treatment Plant and System Operators	603	1.3%	56	19	4.1	0.5%	\$19.12	\$26.52	High School/GED	Long-term	None
51-8091	Chemical Plant and System Operators	53	2.1%	6	2	3.1	7.6%	\$10.47	\$14.98	High School/GED	Long-term	None
51-8092	Gas Plant Operators	200	4.0%	31	6	2.5	1.0%	\$25.49	\$33.60	High School/GED	Long-term	None
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaucers	317	0.2%	43	10	2.8	0.3%	\$26.98	\$37.53	High School/GED	Long-term	None
51-8099	Plant and System Operators, All Other	393	2.6%	47	13	3.2	0.5%	\$17.80	\$28.19	High School/GED	Long-term	None
51-9011	Chemical Equipment Operators and Tenders	323	3.7%	43	10	2.9	2.5%	\$11.24	\$15.91	High School/GED	Moderate-term	None
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	822	4.2%	109	26	2.9	-	\$10.15	\$14.78	High School/GED	Moderate-term	None
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	195	2.9%	28	6	2.7	1.5%	\$12.43	\$19.60	High School/GED	Moderate-term	None
51-9022	Grinding and Polishing Workers, Hand	133	1.6%	17	4	3.0	-	\$10.63	\$14.64	No formal educational credential	Moderate-term	None
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	588	2.7%	77	19	2.9	0.2%	\$9.01	\$14.10	High School/GED	Moderate-term	None
51-9031	Cutters and Trimmers, Hand	83	2.4%	11	3	2.8	1.2%	\$8.66	\$9.77	No formal educational credential	Short-term	None
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	469	2.4%	62	15	2.9	0.4%	\$12.52	\$16.25	High School/GED	Short-term	None

51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	468	2.3%	66	15	2.7	0.4%	\$10.86	\$14.14	High School/GED	Moderate-term	None
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	104	0.4%	13	3	3.1	1.0%	\$12.95	\$17.08	High School/GED	Moderate-term	None
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	2,749	2.0%	365	88	2.9	1.0%	\$9.52	\$18.83	High School/GED	Moderate-term	None
51-9071	Jewelers and Precious Stone and Metal Workers	405	8.6%	61	13	2.5	0.5%	\$9.34	\$11.71	High School/GED	Long-term	None
51-9081	Dental Laboratory Technicians	377	2.6%	58	12	2.5	0.5%	\$11.31	\$20.12	High School/GED	Moderate-term	None
51-9082	Medical Appliance Technicians	131	3.0%	19	4	2.6	2.3%	\$13.39	\$21.92	High School/GED	Long-term	None
51-9083	Ophthalmic Laboratory Technicians	312	2.1%	42	10	2.8	0.3%	\$10.08	\$15.97	High School/GED	Moderate-term	None
51-9111	Packaging and Filling Machine Operators and Tenders	2,928	3.9%	404	94	2.8	0.6%	\$9.65	\$14.47	High School/GED	Moderate-term	None
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	753	2.7%	92	24	3.1	0.7%	\$10.39	\$16.04	High School/GED	Moderate-term	None
51-9122	Painters, Transportation Equipment	498	3.6%	67	16	2.8	0.4%	\$10.56	\$16.55	High School/GED	Moderate-term	None
51-9123	Painting, Coating, and Decorating Workers	204	3.7%	27	7	2.9	2.0%	\$10.21	\$15.42	No formal educational credential	Moderate-term	None
51-9141	Semiconductor Processors	334	(1.1%)	48	11	2.7	0.6%	\$13.72	\$17.50	Associate's	Moderate-term	None
51-9151	Photographic Process Workers and Processing Machine Operators	166	(0.9%)	30	5	2.1	2.4%	\$9.82	\$12.93	High School/GED	Short-term	None
51-9191	Adhesive Bonding Machine Operators and Tenders	95	1.8%	12	3	3.1	3.2%	\$12.02	\$16.57	High School/GED	Moderate-term	None
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	81	1.9%	12	3	2.6	1.2%	\$11.13	\$20.47	No formal educational credential	Moderate-term	None
51-9193	Cooling and Freezing Equipment Operators and Tenders	28	0.7%	4	1	2.8	-	\$11.58	\$16.60	High School/GED	Moderate-term	None
51-9194	Etchers and Engravers	97	6.9%	15	3	2.5	1.0%	\$9.94	\$14.37	High School/GED	Moderate-term	None
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	321	2.1%	43	10	2.9	1.2%	\$12.79	\$15.79	High School/GED	Long-term	None
51-9196	Paper Goods Machine Setters, Operators, and Tenders	359	(0.7%)	41	11	3.4	-	\$12.27	\$18.85	High School/GED	Moderate-term	None
51-9197	Tire Builders	125	1.4%	18	4	2.7	0.8%	\$12.45	\$20.47	High School/GED	Moderate-term	None
51-9198	Helpers--Production Workers	2,827	2.8%	484	90	2.2	4.4%	\$8.77	\$12.15	No formal educational credential	Short-term	None
51-9199	Production Workers, All Other	901	1.7%	122	29	2.8	17.8%	\$11.54	\$17.84	High School/GED	Moderate-term	None