



## Production

Occupational Saturation Table  
Denver Metro Area

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### Legend

< 5% Occupation in Demand

5.1 - 10% Stable Relationship between skilled worker supply and occupations

10.1 - 20% Competitive occupation

> 20.1% Saturated

SOC	Occupation Title	2014 Jobs	Annual Openings	Available Applicants	Applicants per Job Opening	Saturation Rate	Median Hourly Earnings	Education Level
51-1011	First-Line Supervisors of Production and Operating Workers	3,380	80	239	3.0	7.1%	\$ 27.54	Postsecondary non-degree award
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	57	N/A	21	N/A	37.2%	\$ 27.08	High school diploma or equivalent
51-2021	Coil Winders, Tapers, and Finishers	22	N/A	1	N/A	4.6%	\$ 14.91	High school diploma or equivalent
51-2022	Electrical and Electronic Equipment Assemblers	1,619	46	141	3.1	8.7%	\$ 14.15	High school diploma or equivalent
51-2023	Electromechanical Equipment Assemblers	1,091	23	36	1.5	3.3%	\$ 16.11	High school diploma or equivalent
51-2031	Engine and Other Machine Assemblers	125	6	17	2.7	13.6%	\$ 18.64	High school diploma or equivalent
51-2041	Structural Metal Fabricators and Fitters	570	33	22	0.7	3.9%	\$ 20.73	High school diploma or equivalent
51-2091	Fiberglass Laminators and Fabricators	81	2	6	2.7	7.4%	\$ 14.41	High school diploma or equivalent
51-2092	Team Assemblers	4,225	163	214	1.3	5.1%	\$ 12.75	High school diploma or equivalent
51-2093	Timing Device Assemblers and Adjusters	<10	N/A	3	N/A	N/A	N/A	High school diploma or equivalent
51-2099	Assemblers and Fabricators, All Other	1,658	68	492	7.3	29.7%	\$ 13.36	High school diploma or equivalent
51-3011	Bakers	1,599	84	117	1.4	7.3%	\$ 11.52	Less than high school
51-3021	Butchers and Meat Cutters	1,350	54	89	1.6	6.6%	\$ 14.81	Less than high school
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	97	11	106	9.3	108.8%	\$ 12.07	Less than high school
51-3023	Slaughterers and Meat Packers	514	10	189	18.2	36.7%	\$ 16.22	Less than high school
51-3091	Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	93	5	6	1.2	6.5%	\$ 29.11	Less than high school
51-3092	Food Batchmakers	858	39	13	0.3	1.5%	\$ 12.13	High school diploma or equivalent
51-3093	Food Cooking Machine Operators and Tenders	92	6	20	3.4	21.7%	\$ 18.43	High school diploma or equivalent
51-3099	Food Processing Workers, All Other	500	23	N/A	N/A	N/A	\$ 18.53	Less than high school
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	510	28	42	1.5	8.2%	\$ 20.08	High school diploma or equivalent
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	79	6	3	0.5	3.8%	\$ 27.72	High school diploma or equivalent
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	297	8	5	0.6	1.7%	\$ 13.85	High school diploma or equivalent
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	91	2	5	2.5	5.5%	\$ 18.97	High school diploma or equivalent
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	41	N/A	4	N/A	9.7%	\$ 17.63	High school diploma or equivalent
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	713	13	50	3.7	7.0%	\$ 16.72	High school diploma or equivalent
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	53	N/A	23	N/A	43.4%	\$ 16.44	High school diploma or equivalent
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	507	13	7	0.6	1.4%	\$ 16.49	High school diploma or equivalent
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	119	3	12	3.8	10.0%	\$ 17.69	High school diploma or equivalent
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	77	N/A	15	N/A	19.4%	\$ 16.29	High school diploma or equivalent
51-4041	Machinists	2,552	117	135	1.2	5.3%	\$ 20.72	High school diploma or equivalent
51-4051	Metal-Refining Furnace Operators and Tenders	15	N/A	3	N/A	20.4%	\$ 16.93	High school diploma or equivalent
51-4052	Pourers and Casters, Metal	51	N/A	1	N/A	2.0%	\$ 14.11	High school diploma or equivalent
51-4061	Model Makers, Metal and Plastic	28	N/A	8	N/A	28.2%	\$ 21.19	High school diploma or equivalent
51-4062	Patternmakers, Metal and Plastic	16	N/A	2	N/A	12.8%	\$ 15.20	High school diploma or equivalent
51-4071	Foundry Mold and Coremakers	43	N/A	3	N/A	6.9%	\$ 11.41	High school diploma or equivalent
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	725	14	22	1.5	3.0%	\$ 11.06	High school diploma or equivalent



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51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	370	8	15	1.8	4.1%	\$ 17.93	High school diploma or equivalent
51-4111	Tool and Die Makers	238	6	4	0.7	1.7%	\$ 24.11	High school diploma or equivalent
51-4121	Welders, Cutters, Solderers, and Brazers	2,647	121	232	1.9	8.8%	\$ 18.05	High school diploma or equivalent
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	246	13	50	3.7	20.3%	\$ 15.38	High school diploma or equivalent
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	45	N/A	1	N/A	2.2%	\$ 23.85	High school diploma or equivalent
51-4192	Layout Workers, Metal and Plastic	56	N/A	N/A	N/A	N/A	\$ 15.95	High school diploma or equivalent
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	210	6	3	0.5	1.4%	\$ 14.66	High school diploma or equivalent
51-4194	Tool Grinders, Filers, and Sharpeners	19	N/A	2	N/A	10.8%	\$ 14.76	High school diploma or equivalent
51-4199	Metal Workers and Plastic Workers, All Other	162	5	14	2.8	8.6%	\$ 15.93	High school diploma or equivalent
51-5111	Prepress Technicians and Workers	229	6	20	3.4	8.7%	\$ 17.01	Postsecondary non-degree award
51-5112	Printing Press Operators	1,711	42	109	2.6	6.4%	\$ 16.38	High school diploma or equivalent
51-5113	Print Binding and Finishing Workers	689	12	61	5.1	8.8%	\$ 15.78	High school diploma or equivalent
51-6011	Laundry and Dry-Cleaning Workers	2,278	92	96	1.0	4.2%	\$ 10.96	Less than high school
51-6021	Pressers, Textile, Garment, and Related Materials	486	8	4	0.5	0.8%	\$ 12.44	Less than high school
51-6031	Sewing Machine Operators	1,213	16	67	4.1	5.5%	\$ 10.08	Less than high school
51-6041	Shoe and Leather Workers and Repairers	115	7	1	0.1	0.9%	\$ 9.83	High school diploma or equivalent
51-6042	Shoe Machine Operators and Tenders	<10	N/A	N/A	N/A	N/A	N/A	High school diploma or equivalent
51-6051	Sewers, Hand	131	3	8	2.4	6.1%	\$ 11.41	Less than high school
51-6052	Tailors, Dressmakers, and Custom Sewers	1,220	33	18	0.6	1.5%	\$ 10.47	Less than high school
51-6061	Textile Bleaching and Dyeing Machine Operators and Tenders	<10	N/A	N/A	N/A	N/A	N/A	High school diploma or equivalent
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	79	N/A	N/A	N/A	N/A	\$ 14.58	High school diploma or equivalent
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	11	N/A	N/A	N/A	N/A	\$ 12.03	High school diploma or equivalent
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	23	2	2	0.8	8.8%	\$ 13.06	High school diploma or equivalent
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	28	N/A	2	N/A	7.2%	\$ 16.21	High school diploma or equivalent
51-6092	Fabric and Apparel Patternmakers	15	N/A	1	N/A	6.8%	\$ 21.44	High school diploma or equivalent
51-6093	Upholsterers	595	25	2	0.1	0.3%	\$ 12.60	High school diploma or equivalent
51-6099	Textile, Apparel, and Furnishings Workers, All Other	55	N/A	4	N/A	7.3%	\$ 20.61	High school diploma or equivalent
51-7011	Cabinetmakers and Bench Carpenters	1,174	17	29	1.7	2.5%	\$ 14.32	High school diploma or equivalent
51-7021	Furniture Finishers	467	8	8	1.0	1.7%	\$ 14.62	High school diploma or equivalent
51-7031	Model Makers, Wood	28	N/A	1	N/A	3.6%	\$ 11.26	High school diploma or equivalent
51-7032	Patternmakers, Wood	10	N/A	-	N/A	0.0%	Inf. Data	High school diploma or equivalent
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	168	9	5	0.5	3.0%	\$ 12.30	High school diploma or equivalent
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	474	4	7	1.8	1.5%	\$ 13.91	High school diploma or equivalent
51-7099	Woodworkers, All Other	186	14	30	2.2	16.2%	\$ 10.25	High school diploma or equivalent
51-8011	Nuclear Power Reactor Operators	60	3	1	0.4	1.7%	\$ 41.41	High school diploma or equivalent
51-8012	Power Distributors and Dispatchers	75	3	1	0.3	1.3%	\$ 37.62	High school diploma or equivalent



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51-8013	Power Plant Operators	266	8	10	1.3	3.8%	\$ 35.12	High school diploma or equivalent
51-8021	Stationary Engineers and Boiler Operators	363	15	4	0.3	1.1%	\$ 24.54	High school diploma or equivalent
51-8031	Water and Wastewater Treatment Plant and System Operators	698	33	21	0.6	3.0%	\$ 24.62	High school diploma or equivalent
51-8091	Chemical Plant and System Operators	54	4	6	1.7	11.1%	\$ 17.36	High school diploma or equivalent
51-8092	Gas Plant Operators	155	11	6	0.5	3.9%	\$ 38.91	High school diploma or equivalent
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	279	29	12	0.4	4.3%	\$ 33.79	High school diploma or equivalent
51-8099	Plant and System Operators, All Other	140	6	8	1.3	5.7%	\$ 23.25	High school diploma or equivalent
51-9011	Chemical Equipment Operators and Tenders	299	16	12	0.8	4.0%	\$ 23.20	High school diploma or equivalent
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	328	16	2	0.1	0.6%	\$ 29.42	High school diploma or equivalent
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	256	9	9	1.0	3.5%	\$ 18.32	High school diploma or equivalent
51-9022	Grinding and Polishing Workers, Hand	223	7	3	0.4	1.3%	\$ 12.67	Less than high school
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	347	19	6	0.3	1.7%	\$ 15.40	High school diploma or equivalent
51-9031	Cutters and Trimmers, Hand	43	N/A	4	N/A	9.4%	\$ 11.68	Less than high school
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	131	3	8	2.4	6.1%	\$ 16.67	High school diploma or equivalent
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	392	14	6	0.4	1.5%	\$ 15.85	High school diploma or equivalent
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	145	4	1	0.3	0.7%	\$ 14.35	High school diploma or equivalent
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	3,370	172	112	0.7	3.3%	\$ 19.93	High school diploma or equivalent
51-9071	Jewelers and Precious Stone and Metal Workers	605	26	13	0.5	2.2%	\$ 11.47	High school diploma or equivalent
51-9081	Dental Laboratory Technicians	463	30	11	0.4	2.4%	\$ 18.09	High school diploma or equivalent
51-9082	Medical Appliance Technicians	165	11	5	0.5	3.0%	\$ 19.50	High school diploma or equivalent
51-9083	Ophthalmic Laboratory Technicians	313	20	3	0.1	1.0%	\$ 16.21	High school diploma or equivalent
51-9111	Packaging and Filling Machine Operators and Tenders	1,859	80	92	1.2	5.0%	\$ 16.14	High school diploma or equivalent
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	861	24	35	1.5	4.1%	\$ 17.33	High school diploma or equivalent
51-9122	Painters, Transportation Equipment	392	12	13	1.1	3.3%	\$ 22.67	High school diploma or equivalent
51-9123	Painting, Coating, and Decorating Workers	139	4	29	7.6	20.8%	\$ 14.30	Less than high school
51-9141	Semiconductor Processors	57	2	2	0.8	3.5%	\$ 17.52	Associate's degree
51-9151	Photographic Process Workers and Processing Machine Operators	182	11	26	2.3	14.2%	\$ 14.93	High school diploma or equivalent
51-9191	Adhesive Bonding Machine Operators and Tenders	113	3	N/A	N/A	N/A	\$ 13.02	High school diploma or equivalent
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	44	N/A	26	N/A	59.2%	\$ 10.53	Less than high school
51-9193	Cooling and Freezing Equipment Operators and Tenders	47	2	1	0.4	2.1%	\$ 13.18	High school diploma or equivalent
51-9194	Etchers and Engravers	73	N/A	1	N/A	1.4%	\$ 13.07	High school diploma or equivalent
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	439	N/A	2	N/A	0.5%	\$ 15.58	High school diploma or equivalent
51-9196	Paper Goods Machine Setters, Operators, and Tenders	578	5	7	1.5	1.2%	\$ 18.02	High school diploma or equivalent
51-9197	Tire Builders	83	4	1	0.3	1.2%	\$ 21.36	High school diploma or equivalent
51-9198	Helpers--Production Workers	2,685	99	745	7.5	27.8%	\$ 12.19	Less than high school
51-9199	Production Workers, All Other	1,702	95	707	7.4	41.5%	\$ 13.86	High school diploma or equivalent