

SOC	Advanced Manufacturing - Occupations	Annual Openings	2019 Jobs	2029 Jobs	Avg-Hourly Earnings	2019 - 2029 % Growth	Typical Entry Level Education
17-2011	Aerospace Engineers	13	184	194	\$43.94	5%	Bachelor's degree
17-2071	Electrical Engineers	14	170	187	\$38.74	10%	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	15	214	221	\$41.15	3%	Bachelor's degree
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	4	50	54	\$30.34	8%	Bachelor's degree
17-2112	Industrial Engineers	30	376	406	\$37.81	8%	Bachelor's degree
17-2131	Materials Engineers	1	21	22	\$45.77	5%	Bachelor's degree
17-2141	Mechanical Engineers	37	484	511	\$36.75	6%	Bachelor's degree
17-2051	Civil Engineers	40	439	478	\$41.02	9%	Bachelor's degree
17-3027	Mechanical Engineering Technicians	4	30	33	\$24.10	10%	Associate's degree
17-3029	Engineering Technicians, Except Drafters, All Other	15	138	147	\$29.35	7%	Associate's degree
17-3023	Electrical and Electronics Engineering Technicians	22	206	218	\$33.41	6%	Associate's degree
17-3012	Electrical and Electronics Drafters	7	52	57	\$23.36	10%	Associate's degree
17-3011	Architectural and Civil Drafters	8	68	69	\$21.71	1%	Associate's degree
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	3	22	28	\$22.58	27%	Postsecondary nondegree award
51-4111	Tool and Die Makers	9	74	77	\$26.37	4%	Postsecondary nondegree award
51-9198	Helpers--Production Workers	111	637	723	\$12.49	14%	High school diploma or equivalent
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	8	64	68	\$15.17	6%	High school diploma or equivalent
51-9111	Packaging and Filling Machine Operators and Tenders	137	1,092	1,118	\$13.61	2%	High school diploma or equivalent
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	17	123	132	\$16.01	7%	High school diploma or equivalent
51-7011	Cabinetmakers and Bench Carpenters	31	245	274	\$17.44	12%	High school diploma or equivalent
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	11	87	99	\$14.85	14%	High school diploma or equivalent
49-9041	Industrial Machinery Mechanics	67	632	682	\$25.27	8%	High school diploma or equivalent
51-4041	Machinists	53	467	494	\$22.97	6%	High school diploma or equivalent
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	15	130	132	\$16.41	2%	High school diploma or equivalent
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	3	27	27	\$14.20	0%	High school diploma or equivalent
51-1011	First-Line Supervisors of Production and Operating Workers	126	1,128	1,180	\$27.80	5%	High school diploma or equivalent
49-9098	Helpers--Installation, Maintenance, and Repair Workers	25	182	187	\$11.94	3%	High school diploma or equivalent
49-9043	Maintenance Workers, Machinery	17	170	177	\$14.52	4%	High school diploma or equivalent
49-2092	Electric Motor, Power Tool, and Related Repairers	17	151	158	\$21.92	5%	High school diploma or equivalent
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	129	1,313	1,357	\$33.75	3%	High school diploma or equivalent
51-9199	Production Workers, All Other	33	265	265	\$13.09	0%	High school diploma or equivalent
		1,021	9,242	9,776	\$26.02	6%	