

Engineering Occupations for Metro Denver

Data Includes 7 Counties: Adams, Arapahoe, Boulder, Broomfield, Denver, Douglas, and Jefferson
projected high demand/growth through 2020

In Demand Occupation by Education Level		Experience and Training		Engineering Industry Specific Data			Aggregate Occupational Data Across All Industries					Earnings Data		
Occupation	Work Experience Required	Typical On-The-Job Training	Employed in Industry (2014)	Employed in Industry (2020)	Change in industry (2014 - 2020)	Total jobs (2014)	Total jobs (2020)	Change (2014 - 2020)	% Change (2010 - 2020)	Annual Openings	Pct. 25 Hourly Earnings	Median Hourly Earnings	Pct. 75 Hourly Earnings	
HS Diploma	Construction and Building Inspectors	5 yrs or more	Moderate-term	442	530	153	1,404	1,654	421	34%	80	\$22.98	\$26.19	\$30.42
	Electricians	None	Apprenticeship	58	68	19	9,258	9,751	1,620	20%	372	\$16.70	\$22.88	\$28.11
	First-Line Supervisors of Construction Trades and Extraction Workers	5 yrs or more	None	60	72	21	10,584	11,547	1,912	20%	397	\$19.70	\$23.61	\$28.45
	Industrial Machinery Mechanics	None	Long-term	37	47	22	3,281	3,845	880	30%	206	\$19.86	\$23.87	\$27.97
	Maintenance and Repair Workers, General	None	Long-term	42	51	16	13,089	14,013	1,802	15%	455	\$13.88	\$17.81	\$22.71
	Mobile Heavy Equipment Mechanics, Except Engines	None	Long-term	32	35	7	2,142	2,692	843	46%	173	\$18.98	\$21.81	\$24.65
Associate's Degree	Architectural and Civil Drafters	None	None	575	635	116	1,306	1,449	298	26%	53	\$20.83	\$24.96	\$31.33
	Civil Engineering Technicians	None	None	391	480	154	586	688	176	34%	32	\$22.79	\$26.30	\$30.67
	Electrical and Electronics Drafters	None	None	323	374	100	671	742	147	25%	24	\$23.33	\$28.26	\$34.45
	Electrical and Electronics Engineering Technicians	None	None	289	354	118	1,345	1,518	278	22%	59	\$22.96	\$28.17	\$32.98
	Engineering Technicians, Except Drafters, All Other	None	None	144	158	30	1,120	1,216	172	16%	43	\$23.14	\$31.73	\$38.62
	Environmental Science and Protection Technicians, Including Health	None	None	89	101	26	576	668	186	39%	43	\$19.41	\$23.67	\$30.21
	Geological and Petroleum Technicians	None	Moderate-term	82	91	20	361	463	73	19%	33	\$24.75	\$33.33	\$40.35
	Mechanical Drafters	None	None	340	378	77	794	844	123	17%	25	\$21.48	\$26.95	\$33.47
Bachelor's Degree	Aerospace Engineers	None	None	548	644	194	2,297	2,428	267	12%	90	\$38.86	\$50.50	\$60.83
	Civil Engineers	None	None	3,912	4,733	1,533	5,751	6,735	1,896	39%	341	\$30.91	\$38.11	\$46.41
	Electrical Engineers	None	None	1,323	1,514	383	3,359	3,704	707	24%	149	\$31.41	\$40.72	\$53.28
	Electronics Engineers, Except Computer	None	None	677	768	190	3,643	3,865	432	13%	152	\$31.45	\$39.94	\$51.92
	Engineers, All Other	None	None	476	549	133	2,198	2,613	865	49%	132	\$30.98	\$39.52	\$47.16
	Environmental Engineers	None	None	572	652	164	1,199	1,370	350	34%	65	\$31.02	\$40.17	\$51.51
	Industrial Engineers	None	None	276	354	137	2,090	2,376	530	29%	119	\$34.16	\$41.70	\$50.95
	Mechanical Engineers	None	None	1,597	1,850	505	4,037	4,466	929	26%	234	\$30.64	\$40.03	\$51.10
	Petroleum Engineers	None	None	129	147	37	1,202	1,722	728	73%	117	\$51.46	\$66.81	\$83.18
	Technical Writers	Less than 5 yrs	Short-term	124	140	32	1,320	1,432	225	19%	68	\$26.23	\$32.24	\$36.59