



INDUSTRY PROFILE

Aerospace

Engineering • Analysts
Information Technology
Business Operations • Accountants
Auditors • Software Engineers

Industry Background

Colorado is ranked second in the nation in civilian aerospace employment. The aerospace industry group is most heavily concentrated in Jefferson, Arapahoe and Douglas counties. It is expected to grow by over 6,000 jobs by 2019. Some economists warn that federal budget instability may adversely affect the industry group, though more privatization is taking place with this group. Occupations expected to add the most jobs are civil, mechanical, electrical and aerospace engineers, management analysts, and other business operations specialists, mainly in cyber security.

Regional Occupational Makeup

SOC Code	Description	2014 Jobs	Available Applicants	Applicants per Job Opening	Annual Openings	Median Wage	10th Percentile Wage	25th Percentile Wage	Average Wage	75th Percentile Wage	90th Percentile Wage
13-2011	Accountants and Auditors	27,074	353	0.35	1,021	\$ 32.57	\$ 21.26	\$ 25.73	\$ 35.48	\$ 41.76	\$ 52.51
17-2072	Electronics Engineers, Except Computer	3,026	107	0.89	120	\$ 39.72	\$ 25.55	\$ 31.26	\$ 41.49	\$ 51.57	\$ 63.48
13-1111	Management Analysts	14,302	507	0.89	568	\$ 31.69	\$ 20.81	\$ 26.59	\$ 32.60	\$ 38.87	\$ 45.15
17-2051	Civil Engineers	4,938	245	1.00	246	\$ 38.73	\$ 26.31	\$ 31.27	\$ 39.38	\$ 46.99	\$ 53.49
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	35,287	797	1.07	747	\$ 17.63	\$ 11.63	\$ 14.23	\$ 17.91	\$ 21.55	\$ 25.23
17-3011	Architectural and Civil Drafters	1,015	37	1.16	32	\$ 25.17	\$ 17.51	\$ 20.86	\$ 26.58	\$ 31.98	\$ 38.77
15-1133	Software Developers, Systems Software	6,944	284	1.16	244	\$ 46.27	\$ 29.53	\$ 37.19	\$ 46.48	\$ 56.27	\$ 66.34
15-1132	Software Developers, Applications	13,290	494	1.34	370	\$ 42.82	\$ 26.86	\$ 33.57	\$ 43.15	\$ 52.48	\$ 62.18
19-2041	Environmental Scientists and Specialists, Including Health	1,827	131	1.35	97	\$ 36.20	\$ 24.29	\$ 28.81	\$ 39.89	\$ 49.43	\$ 58.74
17-2141	Mechanical Engineers	3,191	283	1.62	175	\$ 38.08	\$ 23.00	\$ 29.48	\$ 39.69	\$ 48.10	\$ 60.85
13-1199	Business Operations Specialists, All Other	25,431	1,245	1.63	763	\$ 32.16	\$ 16.62	\$ 23.15	\$ 34.41	\$ 42.93	\$ 54.46
17-2112	Industrial Engineers	1,543	134	1.81	74	\$ 41.86	\$ 28.26	\$ 34.32	\$ 43.06	\$ 51.17	\$ 62.02
17-1011	Architects, Except Landscape and Naval	2,660	179	1.85	97	\$ 31.20	\$ 20.88	\$ 24.82	\$ 34.28	\$ 39.70	\$ 47.20
17-2071	Electrical Engineers	2,712	254	2.19	116	\$ 39.75	\$ 24.53	\$ 31.28	\$ 41.78	\$ 51.39	\$ 62.95
17-2081	Environmental Engineers	1,122	124	2.25	55	\$ 40.37	\$ 25.96	\$ 31.31	\$ 42.70	\$ 51.78	\$ 58.22
17-2011	Aerospace Engineers	2,000	162	2.75	59	\$ 50.54	\$ 30.74	\$ 38.66	\$ 53.87	\$ 61.04	\$ 77.53
11-9041	Architectural and Engineering Managers	1,899	305	2.99	102	\$ 65.91	\$ 46.78	\$ 55.86	\$ 69.15	\$ 79.73	\$ 127.77
17-2199	Engineers, All Other	1,438	213	3.13	68	\$ 41.01	\$ 26.86	\$ 32.87	\$ 40.56	\$ 48.10	\$ 54.87
11-1021	General and Operations Managers	25,421	2,619	4.22	620	\$ 52.25	\$ 26.61	\$ 36.10	\$ 61.05	\$ 78.29	\$ 112.78
43-6011	Executive Secretaries and Executive Administrative Assistants	10,648	2,880	8.07	357	\$ 24.48	\$ 17.44	\$ 20.40	\$ 25.34	\$ 28.93	\$ 34.96

Source: QCEW Employees, Non-QCEW Employees, Self-Employed & Extended Proprietors - EMSI 2013.4 Class of Worker

Regional Growth

NAICS Code	Description	2014 Jobs	2015 Jobs	2016 Jobs	2017 Jobs	2018 Jobs	2019 Jobs	Change	Annual Growth Rate	National Location Quotient	2012 Establishments	2013 Establishments	Establishment Change from 2012
332313	Plate Work Manufacturing	221	206	195	186	183	179	(42)	(3.8%)	0.44	10	9	(1)
332410	Power Boiler and Heat Exchanger Manufacturing	17	16	15	14	14	13	(4)	(4.7%)	0.07	2	2	0
332420	Metal Tank (Heavy Gauge) Manufacturing	59	51	43	37	34	32	(27)	(9.2%)	0.17	2	2	0
334220	Radio and Television Broadcasting and Wireless Communications Equipment Manufacturing	43	40	39	37	37	34	(9)	(4.2%)	0.07	7	6	(1)
334511	Search, Detection, Navigation, Guidance, Aeronautical, and Nautical System and Instrument Manufacturing	918	965	1,015	1,068	1,128	1,185	267	5.8%	0.73	11	10	(1)
334513	Instruments and Related Products Manufacturing for Measuring, Displaying, and Controlling Industrial Process Variables	202	206	211	217	226	235	33	3.3%	0.34	12	13	1
334514	Totalizing Fluid Meter and Counting Device Manufacturing	18	16	15	13	12	12	(6)	(6.7%)	0.18	1	1	0
334519	Other Measuring and Controlling Device Manufacturing	229	257	284	309	333	358	129	11.3%	0.73	12	12	0
336414	Guided Missile and Space Vehicle Manufacturing	5,058	4,955	4,863	4,779	4,717	4,622	(436)	(1.7%)	9.58	8	8	0
517410	Satellite Telecommunications	338	381	421	459	498	525	187	11.1%	2.59	8	8	0
517919	All Other Telecommunications	559	604	641	671	702	726	167	6.0%	1.55	14	17	3
541330	Engineering Services	25,764	26,649	27,485	28,286	28,994	29,848	4,084	3.2%	2.50	1,454	1,500	46
541370	Surveying and Mapping (except Geophysical) Services	986	1,012	1,037	1,061	1,084	1,114	128	2.6%	1.87	93	95	2
541380	Testing Laboratories	1,207	1,237	1,266	1,292	1,314	1,342	135	2.2%	0.73	102	99	(3)
541690	Other Scientific and Technical Consulting Services	3,712	3,934	4,130	4,306	4,431	4,594	882	4.8%	0.99	428	458	30
541712	Research and Development in the Physical, Engineering, and Life Sciences (except Biotechnology)	4,446	4,614	4,759	4,889	4,976	5,107	661	3.0%	0.95	167	157	(10)
	Totals	43,777	45,143	46,419	47,624	48,683	49,926	6,149	2.8%		2,331	2,397	66

Source: QCEW Employees, Non-QCEW Employees, Self-Employed & Extended Proprietors - EMSI 2013.4 Class of Worker





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Density Map



Employment Concentration by County

Top Employment Concentrations by County			
County	2014 Jobs	Average Worker Earnings	National Location Quotient
Jefferson, CO (8059)	14,942	\$ 116,435	3.55
Arapahoe, CO (8005)	11,605	\$ 107,445	1.77
Denver, CO (8031)	8,158	\$ 99,890	0.97
Douglas, CO (8035)	4,974	\$ 131,188	2.31
Adams, CO (8001)	2,764	\$ 88,478	0.82
Broomfield, CO (8014)	1,042	\$ 164,870	1.53
Elbert, CO (8039)	128	\$ 79,452	0.98
Clear Creek, CO (8019)	96	\$ 57,666	0.78
Park, CO (8093)	61	\$ 36,987	0.67
Gilpin, CO (8047)	<10	--	--

Source: EMSI Complete Employment 2013.4

Top Jobs Listed Last 90 Days

Unduplicated Job Listings, Metro Denver, Last 90 Days			
Occupation	Occupation Code	Volume	Same Period Prior Year
Marketing Managers	11202100	93	32
Network and Computer Systems Administrators	15114200	65	75
Civil Engineers	17205100	64	98
Computer User Support Specialists	15115100	60	48
Software Developers, Applications	15113200	50	81
Information Technology Project Managers	15119909	44	43
Retail Salespersons	41203100	43	21
Computer Systems Engineers/Architects	15119902	40	58
Management Analysts	13111100	39	21
First-Line Supervisors of Office and Administrative Support Workers	43101100	32	41
Sales Managers	11202200	30	26
Mechanical Engineers	17214100	27	42
Electrical Engineers	17207100	26	73
Sales Representatives, Services, All Other	41309900	26	21
Customer Service Representatives	43405100	26	6
First-Line Supervisors of Retail Sales Workers	41101100	25	11
Industrial Engineers	17211200	23	34
Managers, All Other	11919900	22	15
Architectural and Engineering Managers	11904100	21	35
Construction Managers	11902100	20	17

Source: Wanted Analytics

Top Companies Listing

Top Companies Listing Positions, Metro Denver	
Advertiser	Volume
Level 3	203
Stress Engineering Services Inc	183
CH2M Hill	83
Lockheed Martin	50
Black & Veatch Corporation	46
Integra Telecom	31
Belcan	30
General Dynamics	28
Raytheon Corporation	26
Geological Survey	24

Source: Wanted Analytics

Age Distribution

