



# INDUSTRY PROFILE

## Information Technology

Engineers • Analysts •  
Business Operation Specialists •  
Secretaries • Accountants • Auditors

### Industry Background

Besides being an industry in its own right, Information Technology is a field that enables businesses in all industries to leverage productivity, and function effectively in the modern global economy. It is a rapidly changing industry, with new technologies, systems and software constantly being developed. New information technology applications are being developed in healthcare, and it is a fast growing industry in the defense & security sector.

### Top Occupations

Top occupations in this industry include management, network systems and data communication analysts, computer software and hardware engineers, business operation specialists, secretaries, accountants, auditors and computer system analysts.

### Regional Occupational Makeup

SOC Code	Description	2012 Jobs	Available Applicants	Annual Openings	Applicants per Job Opening	Median Wage	10th Percentile Wage	25th Percentile Wage	Average Wage	75th Percentile Wage	90th Percentile Wage
13-1111	Management analysts	15,524	371	652	0.57	\$ 25.43	\$ 13.77	\$ 17.79	\$ 30.05	\$ 37.17	\$ 52.52
15-1081	Network systems and data communications analysts	5,329	222	202	1.10	\$ 29.44	\$ 14.33	\$ 21.15	\$ 31.41	\$ 39.56	\$ 51.47
15-1032	Computer software engineers, systems software	10,176	203	167	1.22	\$ 43.27	\$ 30.00	\$ 35.35	\$ 44.56	\$ 53.49	\$ 63.45
13-1199	Business operation specialists, all other	22,536	881	692	1.27	\$ 30.81	\$ 16.87	\$ 23.05	\$ 32.85	\$ 40.45	\$ 52.10
43-6014	Secretaries, except legal, medical, and executive	28,419	645	504	1.28	\$ 16.04	\$ 10.94	\$ 13.14	\$ 16.45	\$ 19.63	\$ 23.19
15-1031	Computer software engineers, applications	12,995	400	232	1.72	\$ 42.46	\$ 27.83	\$ 34.02	\$ 43.24	\$ 51.00	\$ 62.20
13-2011	Accountants and auditors	25,491	1,619	846	1.91	\$ 26.15	\$ 16.80	\$ 20.09	\$ 30.04	\$ 35.70	\$ 47.91
17-2061	Computer hardware engineers	763	47	24	1.96	\$ 47.43	\$ 25.94	\$ 36.09	\$ 47.77	\$ 59.13	\$ 69.72
15-1051	Computer systems analysts	7,943	458	220	2.08	\$ 34.56	\$ 21.75	\$ 27.36	\$ 36.37	\$ 44.24	\$ 54.73
11-1021	General and operations managers	23,594	2,153	755	2.85	\$ 46.39	\$ 22.40	\$ 31.22	\$ 54.43	\$ 69.86	\$ 107.50

### Regional Growth

NAICS Code	Description	2012 Jobs	2013 Jobs	2014 Jobs	2015 Jobs	2016 Jobs	Change	Growth Rate	2011 Establishments
334111	Electronic Computer Manufacturing	38	31	26	21	18	(20)	(52.6%)	5
334112	Computer Storage Device Manufacturing	100	79	63	48	40	(60)	(60.0%)	3
334119	Other Computer Peripheral Equipment Manufacturing	1,294	1,237	1,175	1,113	1,079	(215)	(16.6%)	4
511210	Software Publishers	4,530	4,324	4,150	3,999	3,928	(602)	(13.3%)	205
518210	Data Processing, Hosting, and Related Services	5,550	5,562	5,591	5,637	5,680	130	2.3%	242
519130	Internet Publishing and Broadcasting and Web Search Portals	1,765	1,820	1,865	1,902	1,919	154	8.7%	173
541511	Custom Computer Programming Services	11,989	11,926	11,866	11,809	11,781	(208)	(1.7%)	1,502
541512	Computer Systems Design Services	16,615	16,966	17,264	17,523	17,690	1,075	6.5%	2,329
541513	Computer Facilities Management Services	440	394	358	328	311	(129)	(29.3%)	40
541519	Other Computer Related Services	2,137	2,102	2,072	2,046	2,032	(105)	(4.9%)	175
<b>Totals</b>		<b>44,458</b>	<b>44,441</b>	<b>44,430</b>	<b>44,426</b>	<b>44,478</b>	<b>20</b>	<b>0.0%</b>	<b>4,678</b>

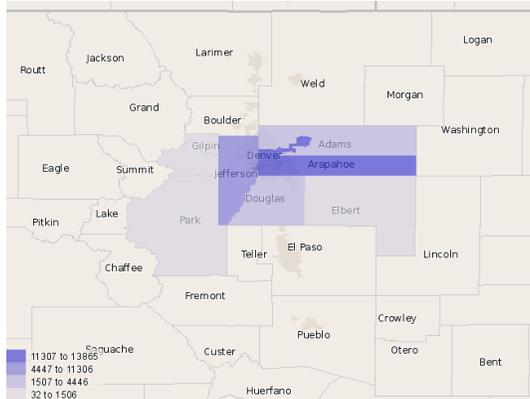


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### Density Map



### Employment Concentration By County

County	2012 Jobs	Average Worker Earnings	Location Quotient
Arapahoe, CO (8005)	13,865	\$ 104,067	2.01
Denver, CO (8031)	12,961	\$ 104,589	1.45
Jefferson, CO (8059)	7,094	\$ 94,339	1.67
Broomfield, CO (8014)	4,155	\$ 116,200	6.19
Douglas, CO (8035)	3,787	\$ 102,977	1.86
Adams, CO (8001)	2,229	\$ 64,150	0.65
Clear Creek, CO (8019)	133	\$ 39,026	1.04
Elbert, CO (8039)	123	\$ 40,386	0.87
Park, CO (8093)	88	\$ 43,580	0.87
Gilpin, CO (8047)	32	\$ 54,880	0.32

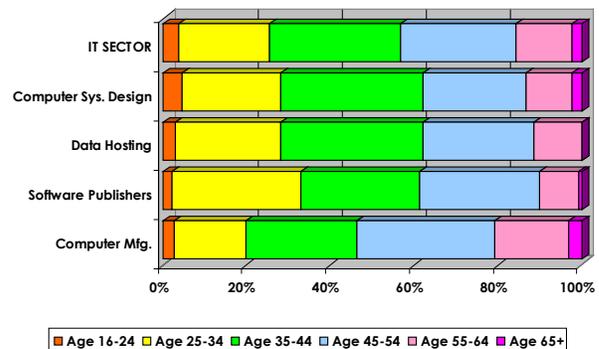
### Entrepreneurial Activity

NAICS Code	Description	Complete Employment	Employment Covered by Unemployment Insurance	Entrepreneurial Employment	Percent Entrepreneurial Employment
334111	Electronic Computer Manufacturing	38	23	15	39.5%
334112	Computer Storage Device Manufacturing	100	93	7	7.0%
334119	Other Computer Peripheral Equipment Manufacturing	1,294	1,264	30	2.3%
511210	Software Publishers	4,530	4,074	456	10.1%
518210	Data Processing, Hosting, and Related Services	5,550	4,629	921	16.6%
519130	Internet Publishing and Broadcasting and Web Search Portals	1,765	1,542	223	12.6%
541511	Custom Computer Programming Services	11,989	9,183	2,806	23.4%
541512	Computer Systems Design Services	16,615	13,054	3,561	21.4%
541513	Computer Facilities Management Services	440	250	190	43.2%
541519	Other Computer Related Services	2,137	1,715	422	19.7%
<b>Totals</b>		<b>44,458</b>	<b>35,827</b>	<b>8,631</b>	<b>19.4%</b>

### Top 10 Employers

VMWare, Inc.
Analysts International Corp.
Ciber Inc.
Gemsys Financial Services
Perficient, Inc.
EMC Corp.
Convergys Corp.
Tri Zetto Group, Inc.
Brocade Communication Systems
Verio, Inc.

### Age Bands, IT Sector, Metro Denver



Source: EMSI • View the complete industry profile at [www.adworks.org](http://www.adworks.org)

