

Central Regional Business Engagement Report

October 2017

Architecture and Engineering Occupations																										
Ref. #	Ext. SOC	In-Demand Occupation - 24	Typical Education Required for Entry ¹	Central Region							Statewide							Central Regional Percentage Share of Statewide Numbers								
				Regional Annual Openings	Regional Growth Openings	2014 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Statewide Annual Openings	Statewide Annual Growth Openings	2014 Statewide Employment	Statewide 4-Year OMJ Trend Data	No. of Employers (OMJ)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth Openings	2014 Statewide Employment	OMJ 4-Year Trend Data	Number of OMJ Employers	Forecast Data	Number of Employers Forecasted		
1	17-2011.00	Aerospace Engineers	Bachelor's degree	0	0	0	119	19	0	0	129	0	4,510	1,997	71	321	3	0.00%	0.00%	0.00%	5.96%	26.76%	0.00%	0.00%		
2	17-2031.00	Biomedical Engineers	Bachelor's degree	0	0	0	28	8	0	0	25	8	640	163	35	54	4	0.00%	0.00%	0.00%	17.18%	22.86%	0.00%	0.00%		
3	17-2041.00	Chemical Engineers	Bachelor's degree	3	0	120	151	18	0	0	40	4	1,310	447	67	44	10	7.50%	0.00%	9.16%	33.78%	26.87%	0.00%	0.00%		
4	17-2051.00	Civil Engineers	Bachelor's degree	70	15	1,860	244	30	21	2	286	63	7,550	488	95	33	5	24.48%	23.81%	24.64%	50.00%	31.58%	63.64%	40.00%		
5	17-2061.00	Computer Hardware Engineers	Bachelor's degree	3	1	100	248	18	0	0	19	3	760	554	64	11	2	15.79%	33.33%	13.16%	44.77%	28.13%	0.00%	0.00%		
6	17-3023.00	Electrical and Electronic Engineering Technicians	Associate's degree	13	0	540	579	49	0	0	89	0	3,620	1,325	198	15	1	14.61%	0.00%	14.92%	43.70%	24.75%	0.00%	0.00%		
7	17-3023.03	Electrical Engineering Technicians*	Associate's degree	13	0	540	579	49	0	0	89	0	3,620	1,325	198	27	2	14.61%	0.00%	14.92%	43.70%	24.75%	0.00%	0.00%		
8	17-3029.02	Electrical Engineering Technologists*	Associate's degree	27	2	1,020	53	19	15	1	89	2	3,560	177	56	18	1	30.34%	100.00%	28.65%	29.94%	33.93%	83.33%	100.00%		
9	17-2071.00	Electrical Engineers	Bachelor's degree	24	2	1,000	1,555	56	101	2	119	7	5,070	3,761	239	653	19	20.17%	28.57%	19.72%	41.35%	23.43%	15.47%	10.53%		
10	17-3024.00	Electro-Mechanical Technicians	Associate's degree	0	0	0	22	9	0	0	15	0	600	90	36	45	3	0.00%	0.00%	0.00%	24.44%	25.00%	0.00%	0.00%		
11	17-3023.01	Electronics Engineering Technicians*	Associate's degree	13	0	540	579	49	22	2	89	0	3,620	1,325	198	63	4	14.61%	0.00%	14.92%	43.70%	24.75%	34.92%	50.00%		
12	17-2072.00	Electronics Engineers, Except Computer	Bachelor's degree	16	1	700	284	40	0	0	83	0	3,750	785	115	48	2	19.28%	0.00%	18.67%	36.18%	34.78%	0.00%	0.00%		
13	17-2081.00	Environmental Engineers	Bachelor's degree	6	2	150	239	30	0	0	40	12	990	444	93	1	1	15.00%	16.67%	15.15%	53.83%	32.26%	0.00%	0.00%		
14	17-2111.00	Health & Safety Engineers, ex. Mining Safety & Inspectors	Bachelor's degree	5	1	120	696	93	0	0	24	4	670	1,787	281	6	4	20.83%	25.00%	17.91%	38.95%	33.10%	0.00%	0.00%		
15	17-2112.00	Industrial Engineers	Bachelor's degree	51	3	1,640	4,467	160	10	2	366	23	11,710	19,962	606	31	5	13.93%	13.04%	14.01%	22.38%	26.40%	32.26%	40.00%		
16	17-2199.04	Manufacturing Engineers*	Bachelor's degree	67	26	2,040	101	26	21	3	191	32	7,930	564	136	107	17	35.08%	81.25%	25.73%	17.91%	19.12%	19.63%	17.65%		
17	17-3029.09	Manufacturing Production Technicians*	Associate's degree	27	2	1,020	53	19	100	2	89	2	3,560	177	56	383	13	30.34%	100.00%	28.65%	29.94%	33.93%	26.11%	15.38%		
18	17-2131.00	Materials Engineers	Bachelor's degree	0	0	0	161	19	0	0	53	1	1,480	1,014	84	21	3	0.00%	0.00%	0.00%	15.88%	22.62%	0.00%	0.00%		
19	17-3013.00	Mechanical Drafters	Associate's degree	5	0	380	61	15	0	0	36	0	3,080	196	80	7	1	13.89%	0.00%	12.34%	31.12%	18.75%	0.00%	0.00%		
20	17-3027.00	Mechanical Engineering Technicians	Associate's degree	11	1	410	37	12	0	0	69	6	2,560	204	51	64	4	15.94%	16.67%	16.02%	18.14%	23.53%	0.00%	0.00%		
21	17-2141.00	Mechanical Engineers	Bachelor's degree	99	13	2,710	1,050	78	3	1	430	50	11,990	5,396	321	238	22	23.02%	26.00%	22.60%	19.46%	24.30%	1.26%	4.55%		
22	17-3029.01	Non-Destructive Testing Specialists*	Associate's degree	27	2	1,020	53	19	0	0	89	2	3,560	177	56	31	2	30.34%	100.00%	28.65%	29.94%	33.93%	0.00%	0.00%		
23	17-2199.08	Robotics Engineers*	Bachelor's degree	67	26	2,040	101	26	0	0	191	32	7,930	564	136	12	1	35.08%	81.25%	25.73%	17.91%	19.12%	0.00%	0.00%		
24	17-2199.02	Validation Engineers*	Bachelor's degree	67	26	2,040	101	26	0	0	191	32	7,930	564	136	6	1	35.08%	81.25%	25.73%	17.91%	19.12%	0.00%	0.00%		
Number of Occupations Columbus Region				614	123	19,990	11,561	887	293	15																

Arts, Design, Entertainment, Sports, and Media Occupations																										
Ref.	Ext. SOC	In-Demand Occupation - 5	Typical Education Required for Entry ¹	Central Region							Statewide							Central Regional Percentage Share of Statewide Numbers								
				Regional Annual Openings	Regional Growth Openings	2014 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Statewide Annual Openings	Statewide Annual Growth Openings	2014 Statewide Employment	Statewide 4-Year OMJ Trend Data	No. of Employers (OMJ)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth Openings	2014 Statewide Employment	OMJ 4-Year Trend Data	Number of OMJ Employers	Forecast Data	Number of Employers Forecasted		
25	27-4011.00	Audio and Video Equipment Technicians	Certificate/Some college	6	2	200	33	13	3	1	41	14	1,410	91	39	3	1	14.63%	14.29%	14.18%	36.26%	33.33%	100.00%	100.00%		
26	27-1024.00	Graphic Designers	Bachelor's degree	69	10	2,500	619	77	2	1	244	10	9,860	1,081	194	2	1	28.28%	100.00%	25.35%	57.26%	39.69%	100.00%	100.00%		
27	27-3091.00	Interpreters and Translators	Bachelor's degree	38	25	790	112	17	0	0	91	56	2,200	264	44	0	0	41.76%	44.64%	35.91%	42.42%	38.64%	0.00%	0.00%		
28	27-3031.00	Public Relations Specialists	Bachelor's degree	26	8	1,520	1,067	110	3	1	132	40	7,710	2,676	334	3	1	19.70%	20.00%	19.71%	39.87%	32.93%	100.00%	100.00%		
29	27-3042.00	Technical Writers	Bachelor's degree	10	3	320	297	51	0	0	40	12	1,250	892	145	22	1	25.00%	25.00%	25.60%	33.30%	35.17%	0.00%	0.00%		
Number of Occupations Columbus Region				149	48	5,330	2,128	268	8	3																

Business and Financial Operations Occupations																										
Ref.	Ext. SOC	In-Demand Occupation - 21	Typical Education Required for Entry ¹	Central Region							Statewide							Central Regional Percentage Share of Statewide Numbers								
				Regional Annual Openings	Regional Growth Openings	2014 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Statewide Annual Openings	Statewide Annual Growth Openings	2014 Statewide Employment	Statewide 4-Year OMJ Trend Data	No. of Employers (OMJ)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth Openings	2014 Statewide Employment	OMJ 4-Year Trend Data	Number of OMJ Employers	Forecast Data	Number of Employers Forecasted		
30	13-2011.00	Accountants and Auditors	Bachelor's degree	306	63	9,110	6,985	178	13	3	1,438	336	41,300	16,236	668	1,312	18	21.28%	18.75%	22.06%	43.02%	26.65%	0.99%	16.67%		
31	13-1199.00	Business Operations Specialists, All Other	Bachelor's degree	106	22	7,000	2,769	107	0	0	374	67	25,760	5,151	311	6	1	28.34%	32.84%	27.17%	53.76%	34.41%	0.00%	0.00%		
32	13-1031.00	Claims Adjusters, Examiners, and Investigators	High school diploma or equivalent	53	1	2,080	1,110	40	0	0	312	11	12,150	2,495	88	1,581	4	16.99%	9.09%	17.12%	44.49%	45.45%	0.00%	0.00%		
33	13-1041.00	Compliance Officers*	Bachelor's degree	30	6	1,680	397	58	0	0	120	28	6,570	872	160	2	1	25.00%	21.43%	25.57%	45.53%	36.25%	0.00%	0.00%		
34	13-1051.00	Cost Estimators	Bachelor's degree	63	15	1,670	153	28	14	4	384	93	10,230	364	91	33	6	16.41%	16.13%	16.32%	42.03%	30.77%	42.42%	66.67%		
35	13-2041.00	Credit Analysts	Bachelor's degree	49	6	1,000	770	35	1	1	163	17	3,360	1,348	96	6	3	30.06%	35.29%	29.76%	57.12%	36.46%	16.67%	33.33%		
36	13-1041.01	Environmental Compliance Inspectors*	Bachelor's degree	30	6	1,680	397	58	0	0	120	28	6,570	872	160	1	1	25.00%	21.43%	25.57%	45.53%	36.25%	0.00%	0.00%		
37	13-2051.00	Financial Analysts	Bachelor's degree	85	19	3,210	1,887	88	12	2	273	79	9,460	4,616	272	640	7	31.14%	24.05%	33.93%	40.88%	32.35%	1.88%	28.57%		
38	13-1071.00	Human Resources Specialists	Bachelor's degree	169	21	6,090	1,678	121	0	0	452	58	16,180	3,720	339	9	3	37.39%	36.21%	37.64%	45.11%	35.69%	0.00%	0.00%		
39	13-2053.00	Insurance Underwriters	Bachelor's degree	16	0	860	381	18	255	1	93	0	4,930	851	46	282	4	17.20%	0.00%	17.44%	44.77%	39.13%	90.43%	25.00%		
40	13-2072.00	Loan Officers	Bachelor's degree	68	20	2,910	4,300	26	4	1	298	89	12,550	7,587	73	182	6	22.82%	22.47%	23.19%	56.68%	35.62%	2.20%	16.67%		
41	13-1081.00	Logisticians*	Bachelor's degree	20	2	1,300	824	74	2	1	89	9	5,790	1,686	228	17	2	22.47%	22.22%	22.45%	48.87%	32.46%	11.76%	50.00%		
42	13-1081.02	Logistics Analysts*	Bachelor's degree	20	2	1,300	824	74	0	0	89	9	5,790	1,686	228	3	1	22.47%	22.22%	22.45%	48.87%	32.46%	0.00%	0.00%		
43	13-1111.00	Management Analysts	Bachelor's degree	153	67	6,190	21,250	129	0	0	624	290	24,080	30,314	369	500	3	24.52%	23.10%	25.71%	70.10%	34.96%	0.00%	0.00%		
44	13-1161.00	Market Research Analysts and Marketing Specialists	Bachelor's degree	147	86	5,120	5,032	125	3	1	602	362	20,100	8,302	361	75	5	24.42%	23.76%	25.47%	60.61%	34.63%	4.00%	20.00%		
45	13-1199.06	Online Merchants*	High school diploma or equivalent	106	22	7,000	2,769	107	0	0	374	67	25,760	5,151	311	0	0	28.34%	32.84%	27.17%	53.76%	34.41%	0.00%	0.00%		
46	13-2052.00	Personal Financial Advisors	Bachelor's degree	0	0	0	664	20	3	1	0	0	1,052	59	6	2	0.00%	0.00%	0.00%	63.12%	33.90%	50.00%	50.00%			
47	13-1023.00	Purchasing Agents, ex. Wholesale, Retail, & Farm	Bachelor's degree	69	0	2,520	1,345	111	0	0	342	0	12,450	3,563	393	20	1	20.18%	0.00%	20.24%	37.75%	28.24%	0.00%	0.00%		
48	13-1041.07	Regulatory Affairs Specialists*	Bachelor's degree	30	6	1,680	397	58	0	0	120	28	6,570	872	160	2	1	25.00%	21.43%	25.57%	45.53%	36.25%	0.00%	0.00%		
49	13-1151.00	Training and Development Specialists	Bachelor's degree	72	18	2,220	1,542	111	0	0	250	60	7,810	3,937	357	2	2	28.80%	30.00%	28.43%	39.17%	31.09%	0.00%	0.00%		
50	13-1022.00	Wholesale and Retail Buyers, Except Farm Products	Bachelor's degree	44	10	1,070	399	27	0	0	171	23	4,670	467	41	1	1									

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				Regional Annual Openings	Regional Growth Openings	2014 Regional Employment	Regional OJM Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Statewide Annual Openings	Statewide Annual Growth Openings	2014 Statewide Employment	Statewide 4-Year OJM Trend Data	No. of Employers (OMJ)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth Openings	2014 Statewide Employment	OJM 4-Year Trend Data	Number of OJM Employers	Forecast Data	Number of Employers Forecasted
51	21-1021.00	Child, Family, and School Social Workers	Bachelor's degree	68	12	2,340	122	21	66	2	334	71	10,920	371	65	69	3	20.36%	16.90%	21.43%	32.88%	32.31%	95.65%	66.67%
52	21-1022.00	Healthcare Social Workers	Master's degree	45	19	1,080	333	12	0	0	282	116	6,900	1,456	74	0	0	15.96%	16.38%	15.65%	22.87%	16.22%	0.00%	0.00%
53	21-1023.00	Mental Health and Substance Abuse Social Workers	Bachelor's degree	43	18	1,030	732	25	64	2	270	110	6,620	4,242	106	1,002	16	15.93%	16.36%	15.56%	17.26%	23.58%	6.39%	12.50%
54	21-1014.00	Mental Health Counselors	Master's degree	27	14	620	80	12	9	1	158	72	4,130	491	55	655	13	17.09%	19.44%	15.01%	16.29%	21.82%	1.37%	7.69%
55	21-1093.00	Social and Human Service Assistants	High school diploma or equivalent	77	27	2,550	850	53	150	1	332	106	11,510	4,771	157	213	3	23.19%	25.47%	22.15%	17.82%	33.76%	70.42%	33.33%
56	21-1011.00	Substance Abuse and Behavioral Disorder Counselors	Bachelor's degree	22	12	500	27	11	0	0	106	51	2,650	381	57	65	3	20.75%	23.53%	18.87%	7.09%	19.30%	0.00%	0.00%
Number of Occupations Columbus Region				282	102	8,120	2,144	134	289	6														

Computer and Mathematical Occupations

Ref.	Ext. SOC	In-Demand Occupation - 20	Typical Education Required for Entry*	Central Region							Statewide							Central Regional Percentage Share of Statewide Numbers						
				Regional Annual Openings	Regional Growth Openings	2014 Regional Employment	Regional OJM Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Statewide Annual Openings	Statewide Annual Growth Openings	2014 Statewide Employment	Statewide 4-Year OJM Trend Data	No. of Employers (OMJ)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth Openings	2014 Statewide Employment	OJM 4-Year Trend Data	Number of OJM Employers	Forecast Data	Number of Employers Forecasted
57	15-2011.00	Actuaries	Bachelor's degree	18	7	380	737	14	0	0	45	15	1,010	961	32	17	2	40.00%	46.67%	37.62%	76.69%	43.75%	0.00%	0.00%
58	15-1199.00	Business Intelligence Analysts*	Bachelor's degree	21	0	1,650	23,221	140	150	1	103	6	7,520	33,233	436	156	2	20.39%	0.00%	21.94%	69.87%	32.11%	96.15%	50.00%
59	15-1111.00	Computer & Information Research Scientists	Doctoral or professional degree	0	0	0	269	20	0	0	3	0	230	503	55	13	3	0.00%	0.00%	0.00%	53.48%	36.36%	0.00%	0.00%
60	15-1143.00	Computer Network Architects	Bachelor's degree	28	5	1,790	886	56	0	0	96	27	5,390	1,503	156	0	0	0.00%	0.00%	0.00%	53.48%	36.36%	0.00%	0.00%
61	15-1152.00	Computer Network Support Specialists	Associate's degree	46	16	2,290	130	24	0	0	148	49	7,710	184	52	4	1	31.08%	32.65%	29.70%	70.65%	46.15%	0.00%	0.00%
62	15-1131.00	Computer Programmers	Bachelor's degree	35	0	1,420	3,610	94	60	1	184	0	7,490	5,370	312	358	9	19.02%	0.00%	18.96%	67.23%	30.13%	16.76%	11.11%
63	15-1121.00	Computer Systems Analysts	Bachelor's degree	291	175	8,980	17,428	131	473	3	978	599	29,440	27,229	447	571	6	29.75%	29.22%	30.50%	64.01%	29.31%	82.84%	50.00%
64	15-1199.02	Computer Systems Engineers/Architects*	Bachelor's degree	21	0	1,650	23,221	140	4	1	103	6	7,520	33,233	436	61	4	20.39%	0.00%	21.94%	69.87%	32.11%	6.56%	25.00%
65	15-1151.00	Computer User Support Specialists	Certificate/Some college	94	41	4,120	7,900	183	6	2	459	225	18,150	15,091	622	36	7	20.48%	18.22%	22.70%	52.35%	29.42%	16.67%	28.57%
66	15-1199.07	Data Warehousing Specialists*	Bachelor's degree	21	0	1,650	23,221	140	0	0	103	6	7,520	33,233	436	7	1	20.39%	0.00%	21.94%	69.87%	32.11%	0.00%	0.00%
67	15-1141.00	Database Administrators	Bachelor's degree	27	8	900	2,048	80	0	0	152	52	4,620	3,483	209	3	1	17.76%	15.38%	19.48%	58.80%	38.28%	0.00%	0.00%
68	15-1122.00	Information Security Analysts	Bachelor's degree	24	15	690	2,831	73	210	1	55	30	1,920	4,723	186	230	4	43.64%	50.00%	35.94%	59.94%	39.25%	91.30%	25.00%
69	15-1199.09	Information Technology Project Managers*	Bachelor's degree	21	0	1,650	23,221	140	164	5	103	6	7,520	33,233	436	388	8	20.39%	0.00%	21.94%	69.87%	32.11%	42.27%	62.50%
70	15-1142.00	Network and Computer Systems Administrators	Bachelor's degree	51	13	2,970	6,418	135	60	3	282	92	14,780	11,682	471	70	8	18.09%	14.13%	20.09%	54.94%	28.66%	85.71%	37.50%
71	15-2031.00	Operations Research Analysts	Bachelor's degree	25	15	560	1,881	92	0	0	112	68	2,450	3,437	255	115	1	22.32%	22.06%	22.86%	54.73%	36.08%	0.00%	0.00%
72	15-1199.10	Search Marketing Strategists*	Bachelor's degree	21	0	1,650	23,221	140	0	0	103	6	7,520	33,233	436	18	1	20.39%	0.00%	21.94%	69.87%	32.11%	0.00%	0.00%
73	15-1132.00	Software Developers, Applications	Bachelor's degree	257	133	8,680	10,374	111	1,284	10	836	467	25,840	17,133	357	1,799	26	30.74%	28.48%	33.59%	60.55%	31.09%	71.37%	38.46%
74	15-1133.00	Software Developers, Systems Software	Bachelor's degree	46	19	1,890	528	40	221	2	120	42	5,430	1,480	128	344	7	38.33%	45.24%	34.81%	35.68%	31.25%	64.24%	28.57%
75	15-1199.01	Software Quality Assurance Engineers and Testers*	Bachelor's degree	21	0	1,650	23,221	140	126	2	103	6	7,520	33,233	436	211	6	20.39%	0.00%	21.94%	69.87%	32.11%	59.72%	33.33%
76	15-2041.00	Statisticians	Master's degree	13	9	250	183	24	0	0	44	28	880	474	68	6	1	29.55%	32.14%	28.41%	38.61%	35.29%	0.00%	0.00%
77	15-1143.01	Telecommunications Engineering Specialists*	Bachelor's degree	28	5	1,790	886	56	2	1	96	27	5,390	1,503	156	2	1	29.17%	18.52%	33.21%	58.95%	35.90%	100.00%	100.00%
78	15-1134.00	Web Developers	Associate's degree	39	25	1,050	7,147	106	485	3	205	138	5,230	9,883	312	520	7	19.02%	18.12%	20.08%	72.32%	33.97%	93.27%	42.86%
Number of Occupations Columbus Region				1,148	486	47,660	202,582	2,079	3,245	35														

Construction and Extraction Occupations

Ref.	Ext. SOC	In-Demand Occupation - 12	Typical Education Required for Entry*	Central Region							Statewide							Central Regional Percentage Share of Statewide Numbers						
				Regional Annual Openings	Regional Growth Openings	2014 Regional Employment	Regional OJM Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Statewide Annual Openings	Statewide Annual Growth Openings	2014 Statewide Employment	Statewide 4-Year OJM Trend Data	No. of Employers (OMJ)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth Openings	2014 Statewide Employment	OJM 4-Year Trend Data	Number of OJM Employers	Forecast Data	Number of Employers Forecasted
79	47-2031.00	Carpenters	High school diploma or equivalent	97	43	4,700	53	16	132	7	623	287	29,210	130	43	676	15	15.57%	14.98%	16.09%	40.77%	37.21%	19.53%	46.67%
80	47-2051.00	Cement Masons and Concrete Finishers	Less Than High School	19	7	950	7	1	62	2	91	35	4,640	16	6	144	5	20.88%	20.00%	20.47%	43.75%	16.67%	43.06%	40.00%
81	47-2061.00	Construction Laborers	Less Than High School	209	75	6,730	128	25	71	4	1,129	411	35,980	346	61	998	7	18.51%	18.25%	18.70%	36.99%	40.98%	7.11%	57.14%
82	47-2111.00	Electricians	High school diploma or equivalent	120	55	4,280	219	30	115	4	628	270	23,460	700	121	584	16	19.11%	20.37%	18.24%	31.29%	24.79%	19.69%	25.00%
83	47-1011.00	First-Line Sup/Mgrs of Con. Trades/Extract. Work	High school diploma or equivalent	45	24	2,660	291	51	70	6	243	124	14,990	715	145	174	7	18.52%	19.35%	17.75%	40.70%	35.17%	40.23%	85.71%
84	47-3019.00	Helpers, Construction Trades, All Other	Less Than High School	0	0	0	775	3	0	0	11	5	440	775	3	24	1	0.00%	0.00%	0.00%	100.00%	100.00%	0.00%	0.00%
85	47-3013.00	Helpers--Electricians	High school diploma or equivalent	10	6	310	65	3	16	1	34	20	1,110	76	6	159	2	29.41%	30.00%	27.93%	85.53%	50.00%	10.06%	50.00%
86	47-2073.00	Operating Engineers & Other Con. Equip. Op.	High school diploma or equivalent	55	16	2,360	43	9	25	2	313	78	14,110	102	25	249	4	17.57%	20.51%	16.73%	42.16%	36.00%	10.04%	50.00%
87	47-2141.00	Painters, Construction and Maintenance	Less Than High School	32	10	1,360	8	4	0	0	250	90	10,040	51	27	0	0	12.80%	11.11%	13.55%	15.69%	14.81%	0.00%	0.00%
88	47-2152.00	Plumbers, Pipefitters, and Steamfitters	High school diploma or equivalent	67	30	2,820	11	4	10	1	339	148	14,440	131	31	366	4	19.76%	20.27%	19.53%	8.40%	12.90%	2.73%	25.00%
89	47-2211.00	Sheet Metal Workers	High school diploma or equivalent	15	3	580	31	8	50	2	126	25	4,690	67	20	145	2	11.90%	12.00%	12.37%	46.27%	40.00%	34.48%	100.00%
90	47-2221.00	Structural Iron and Steel Workers	High school diploma or equivalent	4	0	250	13	2	30	1	38	2	2,190	16	5	99	2	10.53%	0.00%	11.42%	81.25%	40.00%	30.30%	50.00%
Number of Occupations Columbus Region				673	269	27,000	1,644	156	581	30														

Education, Training, and Library Occupations

Ref.	Ext. SOC	In-Demand Occupation - 2	Typical Education Required for Entry*	Central Region							Statewide							Central Regional Percentage Share of Statewide Numbers						
				Regional Annual Openings	Regional Growth Openings	2014 Regional Employment	Regional OJM Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Statewide Annual Openings	Statewide Annual Growth Openings	2014 Statewide Employment	Statewide 4-Year OJM Trend Data	No. of Employers (OMJ)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth Openings	2014 Statewide Employment	OJM 4-Year Trend Data	Number of OJM Employers	Forecast Data	Number of Employers Forecasted
91	25-9031.01	Instructional Designers and Technologists*	Master's degree	6	3	300	296	34	0	0	48	23	2,560	527	82	1	1	12.50%	13.04%	11.72%	56.17%	41.46%	0.00%	



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Table with 22 columns: Ref., Ext. SOC, In-Demand Occupation - 29, Typical Education Required for Entry, Central Region (Regional Annual Openings, Growth, 2014 Regional Employment, Regional OMJ Trend Data, Number of Employers (OMJ), Regional Forecast Data, Number of Employers Forecasted), Statewide (Annual Openings, Annual Growth, 2014 Statewide Employment, Statewide 4-Year OMJ Trend Data, No. of Employers (OMJ), Statewide Forecast Data, No. of Employers Forecasted), and Central Regional Percentage Share of Statewide Numbers (Total Annual Openings, Annual Growth, 2014 Statewide Employment, OMI 4-Year Trend Data, Number of OMI Employers, Forecast Data, Number of Employers Forecasted).

Table with 22 columns: Ref., Ext. SOC, In-Demand Occupation - 8, Typical Education Required for Entry, Central Region (Regional Annual Openings, Growth, 2014 Regional Employment, Regional OMJ Trend Data, Number of Employers (OMJ), Regional Forecast Data, Number of Employers Forecasted), Statewide (Annual Openings, Annual Growth, 2014 Statewide Employment, Statewide 4-Year OMJ Trend Data, No. of Employers (OMJ), Statewide Forecast Data, No. of Employers Forecasted), and Central Regional Percentage Share of Statewide Numbers (Total Annual Openings, Annual Growth, 2014 Statewide Employment, OMI 4-Year Trend Data, Number of OMI Employers, Forecast Data, Number of Employers Forecasted).

Table with 22 columns: Ref., Ext. SOC, In-Demand Occupation - 18, Typical Education Required for Entry, Central Region (Regional Annual Openings, Growth, 2014 Regional Employment, Regional OMJ Trend Data, Number of Employers (OMJ), Regional Forecast Data, Number of Employers Forecasted), Statewide (Annual Openings, Annual Growth, 2014 Statewide Employment, Statewide 4-Year OMJ Trend Data, No. of Employers (OMJ), Statewide Forecast Data, No. of Employers Forecasted), and Central Regional Percentage Share of Statewide Numbers (Total Annual Openings, Annual Growth, 2014 Statewide Employment, OMI 4-Year Trend Data, Number of OMI Employers, Forecast Data, Number of Employers Forecasted).

Legal Occupations

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Ref.	Ext. SOC	In-Demand Occupation - 2	Typical Education Required for Entry*	Central Region						Statewide						Central Regional Percentage Share of Statewide Numbers								
				Regional Annual Openings	Regional Growth Openings	2014 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Statewide Annual Openings	Statewide Annual Growth Openings	2014 Statewide Employment	Statewide 4-Year OMJ Trend Data	No. of Employers (OMJ)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth Openings	2014 Statewide Employment	OMJ 4-Year Trend Data	Number of OMJ Employers	Forecast Data	Number of Employers Forecasted
149	23-1011.00	Lawyers	Doctoral or professional degree	97	27	4,770	824	52	0	0	406	111	20,180	1,659	142	0	0	23.89%	24.32%	23.64%	49.67%	36.62%	0.00%	0.00%
150	23-2011.00	Paralegals and Legal Assistants	Associate's degree	57	17	1,800	228	45	0	0	221	61	7,300	542	109	6	2	25.79%	27.87%	24.66%	42.07%	41.28%	0.00%	0.00%
Number of Occupations Columbus Region				154	44	6,570	1,052	97	0	0														

Life, Physical, and Social Science Occupations

Ref.	Ext. SOC	In-Demand Occupation - 6	Typical Education Required for Entry*	Central Region						Statewide						Central Regional Percentage Share of Statewide Numbers								
				Regional Annual Openings	Regional Growth Openings	2014 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Statewide Annual Openings	Statewide Annual Growth Openings	2014 Statewide Employment	Statewide 4-Year OMJ Trend Data	No. of Employers (OMJ)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth Openings	2014 Statewide Employment	OMJ 4-Year Trend Data	Number of OMJ Employers	Forecast Data	Number of Employers Forecasted
151	19-4021.00	Biological Technicians	Bachelor's degree	29	6	830	473	21	0	0	117	30	3,120	1,404	76	3	1	24.79%	20.00%	26.60%	33.69%	27.63%	0.00%	0.00%
152	19-2031.00	Chemists	Bachelor's degree	15	0	690	235	21	15	1	85	4	3,680	760	84	58	4	17.65%	0.00%	18.75%	30.92%	25.00%	25.86%	25.00%
153	19-3031.00	Clinical, Counseling, and School Psychologists	Doctoral or professional degree	37	18	900	61	10	0	0	189	94	4,450	263	30	23	3	19.58%	19.15%	20.22%	23.19%	33.33%	0.00%	0.00%
154	19-1012.00	Food Scientists and Technologists	Bachelor's degree	0	0	0	107	12	1	1	26	2	680	280	42	1	1	0.00%	0.00%	0.00%	38.21%	28.57%	100.00%	100.00%
155	19-2032.00	Materials Scientists	Bachelor's degree	0	0	0	119	11	0	0	13	3	480	270	28	9	2	0.00%	0.00%	0.00%	44.07%	39.29%	0.00%	0.00%
156	19-4099.01	Quality Control Analysts*	Associate's degree	23	3	490	41	20	0	0	73	8	1,560	173	61	68	5	31.51%	37.50%	31.41%	23.70%	32.79%	0.00%	0.00%
Number of Occupations Columbus Region				104	27	2,910	1,036	95	16	2														

Management Occupations

Ref.	Ext. SOC	In-Demand Occupation - 22	Typical Education Required for Entry*	Central Region						Statewide						Central Regional Percentage Share of Statewide Numbers								
				Regional Annual Openings	Regional Growth Openings	2014 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Statewide Annual Openings	Statewide Annual Growth Openings	2014 Statewide Employment	Statewide 4-Year OMJ Trend Data	No. of Employers (OMJ)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth Openings	2014 Statewide Employment	OMJ 4-Year Trend Data	Number of OMJ Employers	Forecast Data	Number of Employers Forecasted
157	11-3011.00	Administrative Services Managers	Bachelor's degree	59	15	2,360	85	32	0	0	276	72	10,930	286	102	0	0	21.38%	20.83%	21.59%	29.72%	31.37%	0.00%	0.00%
158	11-9041.00	Architectural and Engineering Managers	Bachelor's degree	47	5	1,380	363	58	0	0	226	14	6,900	1,807	226	6	2	20.80%	35.71%	20.00%	20.09%	25.66%	0.00%	0.00%
159	11-9041.01	Biofuels/Biodiesel Technology & Product Development Managers*	Bachelor's degree	47	5	1,380	363	58	0	0	226	14	6,900	1,807	226	1	1	20.80%	35.71%	20.00%	20.09%	25.66%	0.00%	0.00%
160	11-3021.00	Computer and Information Systems Managers	Bachelor's degree	101	62	3,320	3,602	96	3	1	359	213	12,410	7,000	316	4	2	28.13%	29.11%	26.75%	51.46%	30.38%	75.00%	50.00%
161	11-9021.00	Construction Managers	Bachelor's degree	43	9	2,470	466	44	42	6	271	73	14,170	810	122	258	11	15.87%	12.33%	17.43%	57.53%	36.07%	16.28%	54.55%
162	11-9013.00	Farmers, Ranchers, and Other Agricultural Managers	High school diploma or equivalent	175	0	10,250	4	2	0	0	1,293	0	75,880	72	5	0	0	13.53%	0.00%	13.51%	5.56%	40.00%	0.00%	0.00%
163	11-3031.00	Financial Managers	Bachelor's degree	128	20	4,540	8,478	135	601	2	621	110	21,580	17,062	455	958	12	20.61%	18.18%	21.04%	49.69%	29.67%	62.73%	16.67%
164	11-9051.00	Food Service Managers	High school diploma or equivalent	61	12	2,430	1,273	22	0	0	333	52	13,970	1,645	57	60	1	18.32%	23.08%	17.39%	77.39%	38.60%	0.00%	0.00%
165	11-1021.00	General and Operations Managers	Bachelor's degree	367	68	11,820	4,852	150	1	1	1,904	296	63,520	9,384	439	67	9	19.28%	22.97%	18.61%	51.71%	34.17%	1.49%	11.11%
166	11-3121.00	Human Resources Managers	Bachelor's degree	37	8	990	2,459	170	0	0	163	37	4,320	5,848	575	7	3	22.70%	21.62%	22.92%	42.05%	29.57%	0.00%	0.00%
167	11-3051.00	Industrial Production Managers	Bachelor's degree	42	0	1,470	288	71	0	0	346	0	12,210	1,207	265	27	10	12.14%	0.00%	12.04%	23.86%	26.79%	0.00%	0.00%
168	11-9199.08	Loss Prevention Managers*	High school diploma or equivalent	148	21	5,740	4,266	147	0	0	762	118	29,190	8,360	452	0	0	19.42%	17.80%	19.66%	51.03%	32.52%	0.00%	0.00%
169	11-9199.00	Managers, All Other	Bachelor's degree	148	21	5,740	4,266	147	11	2	762	118	29,190	8,360	452	46	8	19.42%	17.80%	19.66%	51.03%	32.52%	23.91%	25.00%
170	11-2021.00	Marketing Managers	Bachelor's degree	40	9	1,310	11,069	142	13	2	173	44	5,440	18,404	487	39	6	23.12%	20.45%	24.08%	60.14%	29.16%	33.33%	33.33%
171	11-9111.00	Medical and Health Services Managers	Bachelor's degree	126	51	2,950	3,920	55	0	0	698	285	16,340	14,251	192	33	3	18.05%	17.89%	18.05%	27.51%	28.65%	0.00%	0.00%
172	11-9121.00	Natural Sciences Managers	Bachelor's degree	7	1	270	326	27	0	0	27	3	1,140	2,164	96	17	3	25.93%	33.33%	23.68%	15.06%	28.13%	0.00%	0.00%
173	11-9141.00	Property, Real Estate & Community Assn Mgrs	High school diploma or equivalent	47	8	2,260	379	47	0	0	237	58	10,300	564	93	0	0	19.83%	13.79%	21.94%	67.20%	50.54%	0.00%	0.00%
174	11-3061.00	Purchasing Managers	Bachelor's degree	14	2	490	1,780	83	0	0	68	2	2,780	3,537	283	383	5	20.59%	100.00%	17.63%	50.33%	29.33%	0.00%	0.00%
175	11-2022.00	Sales Managers	Bachelor's degree	75	10	2,740	4,332	134	22	3	396	58	14,300	8,246	423	71	12	18.94%	17.24%	19.16%	52.53%	31.68%	30.99%	25.00%
176	11-9151.00	Social and Community Service Managers	Bachelor's degree	38	8	1,130	134	29	6	1	156	34	4,590	682	103	51	3	24.36%	23.53%	24.62%	19.65%	28.16%	11.76%	33.33%
177	11-9199.04	Supply Chain Managers*	High school diploma or equivalent	148	21	5,740	4,266	147	0	0	762	118	29,190	8,360	452	0	0	19.42%	17.80%	19.66%	51.03%	32.52%	0.00%	0.00%
178	11-3071.01	Transportation Managers*	High school diploma or equivalent	30	5	1,140	986	104	0	0	133	16	5,310	1,669	288	4	1	22.56%	31.25%	21.47%	59.08%	36.11%	0.00%	0.00%
Number of Occupations Columbus Region				1,928	361	71,920	57,957	1,900	699	18														

Office and Administrative Support Occupations

Ref.	Ext. SOC	In-Demand Occupation - 20	Typical Education Required for Entry*	Central Region						Statewide						Central Regional Percentage Share of Statewide Numbers								
				Regional Annual Openings	Regional Growth Openings	2014 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Statewide Annual Openings	Statewide Annual Growth Openings	2014 Statewide Employment	Statewide 4-Year OMJ Trend Data	No. of Employers (OMJ)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth Openings	2014 Statewide Employment	OMJ 4-Year Trend Data	Number of OMJ Employers	Forecast Data	Number of Employers Forecasted
179	43-3011.00	Bill and Account Collectors	High school diploma or equivalent	122	0	5,000	997	65	0	0	404	0	16,540	2,775	205	1,643	3	30.20%	0.00%	30.23%	35.93%	31.71%	0.00%	0.00%
180	43-3021.00	Billing and Posting Clerks	High school diploma or equivalent	188	70	5,670	262	36	0	0	817	304	24,540	1,541	144	6	1	23.01%	23.03%	23.11%	17.00%	25.00%	0.00%	0.00%
181	43-3031.00	Bookkeeping, Accounting, and Auditing Clerks	Certificate/Some college	151	0	15,420	1,357	161	4	1	640	0	65,250	3,809	550	206	7	23.59%	0.00%	23.63%	35.63%	29.27%	1.94%	14.29%
182	43-4051.00	Customer Service Representatives	High school diploma or equivalent	810	206	24,530	10,462	184	3,823	11	2,474	489	80,620	21,961	573	7,848	32	32.74%	42.13%	30.43%	47.64%	32.11%	48.71%	34.38%
183	43-5032.00	Dispatchers, Except Police, Fire, and Ambulance	High school diploma or equivalent	44	8	1,450	275	38	0	0	233	38	7,810	471	89	62	3	18.88%	21.05%	18.57%	58.39%	42.70%	0.00%	0.00%
184	43-6011.00	Executive Secretaries and Administrative Assistants	High school diploma or equivalent	81	0	7,650	2,561	178	0	0	301	0	28,560	6,835	541	0	0	26.91%	0.00%	26.79%	37.47%	32.90%	0.00%	0.00%
185	43-1011.00	First-Line Sup/Mgrs of Office & Admin. Support	High school diploma or equivalent	0	0	0	9,330	185	0	0	982	321	43,780	21,026	590	15	4	0.00%	0.00%	0.00%	44.37%	31.36%	0.00%	0.00%
186	43-4161.00	Human Resources Assis., ex. Payroll & Timekp	Associate's degree	10	0	910	592	82	0	0	56	0	4,990	1,516	299	1	1	17.86%	0.00%	18.24%	39.05%	27.42%	0.00%	0.00%
187	43-9041.00	Insurance Claims and Policy Processing Clerks	High school diploma or equivalent	88	6	3,270	141	25	0	0	511	74	17,460	427	61	400	1	17.22%	8.11%	18.73%	33.02%	40.98%	0.00%	0.00%
188	43-4111.00	Interviewers, Except Eligibility and Loan	High school diploma or equivalent	30	1	1,280	200	14	0	0	274	61	9,330	2,518	69	0	0	10.95%	1.64%	13.72%	7.94%	20.29%	0.00%	0.00%
189	43-4131.00	Loan Interviewers and Clerks	High school diploma or equivalent	57	15	2,710	274	21	0	0	205	61	9,380	782	62	35	4	27.80%	24.59%	28.89%	35.04%	33.87%	0.00%	0.00%

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Personal Care & Services																								
Ref.	Ext. SOC	In-Demand Occupation - 1	Typical Education Required for Entry ¹	Central Region						Statewide						Central Regional Percentage Share of Statewide Numbers								
				Regional Annual Openings	Regional Growth Openings	2014 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Statewide Annual Openings	Statewide Annual Growth Openings	2014 Statewide Employment	Statewide 4-Year OMJ Trend Data	No. of Employer s (OMJ)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth Openings	2014 Statewide Employment	OMJ 4-Year Trend Data	Number of OMJ Employers	Forecast Data	Number of Employers Forecasted
199	39-9041.00	Residential Advisors	High school diploma or equivalent	27	10	560	1	1	0	0	131	53	2,570	10	8	0	0	20.61%	18.87%	21.79%	10.00%	12.50%	0.00%	0.00%
Number of Occupations Columbus Region				27	10	560	1	1	0	0														

Production Occupations																								
Ref.	Ext. SOC	In-Demand Occupation - 20	Typical Education Required for Entry ¹	Central Region						Statewide						Central Regional Percentage Share of Statewide Numbers								
				Regional Annual Openings	Regional Growth Openings	2014 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Statewide Annual Openings	Statewide Annual Growth Openings	2014 Statewide Employment	Statewide 4-Year OMJ Trend Data	No. of Employer s (OMJ)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth Openings	2014 Statewide Employment	OMJ 4-Year Trend Data	Number of OMJ Employers	Forecast Data	Number of Employers Forecasted
200	51-2099.00	Assemblers and Fabricators, All Other	High school diploma or equivalent	82	11	3,300	85	16	0	0	524	55	21,840	230	63	252	5	15.65%	20.00%	15.11%	36.96%	25.40%	0.00%	0.00%
201	51-9011.00	Chemical Equipment Operators/Tenders	High school diploma or equivalent	19	0	600	2	2	19	1	94	0	3,000	2	2	19	1	20.21%	0.00%	20.00%	100.00%	100.00%	100.00%	100.00%
202	51-8091.00	Chemical Plant and System Operators	High school diploma or equivalent	41	0	1,100	77	10	0	0	70	0	1,850	144	29	33	3	58.57%	0.00%	59.46%	53.47%	34.48%	0.00%	0.00%
203	51-4012.00	Computer Numerically Controlled Machine Tool Prog., M/P	High school diploma or equivalent	6	2	120	5	4	0	0	67	25	1,380	110	41	31	2	8.96%	8.00%	8.70%	4.55%	9.76%	0.00%	0.00%
204	51-4011.00	Computer-Controlled Machine Tool Oper., M/P	High school diploma or equivalent	52	22	980	88	20	3	1	608	230	12,430	715	134	173	4	8.55%	9.57%	7.88%	12.31%	14.93%	1.73%	25.00%
205	51-4031.00	Cutting/Punching/Press Machine S/O/T, M/P	High school diploma or equivalent	24	0	1,880	45	10	6	1	220	0	17,350	180	57	76	4	10.91%	0.00%	10.84%	25.00%	17.54%	7.89%	25.00%
206	51-2022.00	Electrical and Electronic Equipment Assemblers	High school diploma or equivalent	14	0	1,130	125	19	14	1	102	0	8,250	449	79	20	2	13.73%	0.00%	13.70%	27.84%	24.05%	70.00%	50.00%
207	51-2031.00	Engine and Other Machine Assemblers	High school diploma or equivalent	0	0	0	0	0	0	0	79	0	3,950	6	5	10	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
208	51-9041.00	Extrud/Form/Pressing/Compacting Mach. S/O/T	High school diploma or equivalent	0	0	0	3	2	0	0	201	0	5,620	19	12	57	3	0.00%	0.00%	0.00%	15.79%	16.67%	0.00%	0.00%
209	51-1011.00	FL Sup/Mgrs of Production/Operating Workers	High school diploma or equivalent	59	0	3,710	4,369	167	7	2	448	0	28,320	13,228	647	217	26	13.17%	0.00%	13.10%	33.03%	25.81%	3.23%	7.69%
210	51-9198.00	Helpers--Production Workers	Less Than High School	87	0	2,660	683	77	1	1	665	0	20,390	1,812	280	160	8	13.08%	0.00%	13.05%	37.69%	27.50%	0.63%	12.50%
211	51-9061.00	Inspectors, Testers, Sorters, Samplers, and Weighers	High school diploma or equivalent	106	0	4,200	474	61	3	1	621	0	24,710	1,139	237	18	4	17.07%	0.00%	17.00%	41.62%	25.74%	16.67%	25.00%
212	51-4041.00	Machinists	High school diploma or equivalent	82	26	1,960	197	32	26	4	1,150	304	29,270	1,586	217	633	20	7.13%	8.55%	6.70%	12.42%	14.75%	4.11%	20.00%
213	51-9111.00	Packaging and Filling Machine Operators/Tenders	High school diploma or equivalent	114	8	2,990	954	43	42	1	773	60	19,990	1,349	138	223	4	14.75%	13.33%	14.96%	70.72%	31.16%	18.83%	25.00%
214	51-9122.00	Painters, Transportation Equipment	High school diploma or equivalent	0	0	0	8	2	0	0	39	9	1,580	17	9	6	1	0.00%	0.00%	0.00%	47.06%	22.22%	0.00%	0.00%
215	51-9199.00	Production Workers, All Other	High school diploma or equivalent	137	46	4,440	102	29	190	2	310	42	13,070	388	125	867	14	44.19%	109.52%	33.97%	26.29%	23.20%	21.91%	14.29%
216	51-2092.00	Team Assemblers	High school diploma or equivalent	0	0	0	135	18	70	1	1,479	20	67,960	371	84	593	3	0.00%	0.00%	0.00%	36.39%	21.43%	11.80%	33.33%
217	51-4111.00	Tool and Die Makers	High school diploma or equivalent	3	0	610	48	19	4	1	55	0	11,080	380	94	59	8	5.45%	0.00%	5.51%	12.63%	20.21%	6.78%	12.50%
218	51-8031.00	Water/Liquid Waste Treatment Plant/System Op.	High school diploma or equivalent	21	4	660	12	6	0	0	128	18	4,310	71	18	2	1	16.41%	22.22%	15.31%	16.90%	33.33%	0.00%	0.00%
219	51-4121.00	Welders, Cutters, Solderers, and Brazers	High school diploma or equivalent	54	4	1,740	158	19	9	1	455	6	15,670	556	102	779	17	11.87%	66.67%	11.10%	28.42%	18.63%	1.16%	5.88%
Number of Occupations Columbus Region				901	123	32,080	7,570	556	394	18														

Sales and Related Occupations																								
Ref.	Ext. SOC	In-Demand Occupation - 9	Typical Education Required for Entry ¹	Central Region						Statewide						Central Regional Percentage Share of Statewide Numbers								
				Regional Annual Openings	Regional Growth Openings	2014 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Statewide Annual Openings	Statewide Annual Growth Openings	2014 Statewide Employment	Statewide 4-Year OMJ Trend Data	No. of Employer s (OMJ)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth Openings	2014 Statewide Employment	OMJ 4-Year Trend Data	Number of OMJ Employers	Forecast Data	Number of Employers Forecasted
220	41-1012.00	First-Line Sup./Mgrs of Non-Retail Sales Workers	High school diploma or equivalent	35	9	2,260	2,228	119	0	0	231	73	13,760	4,406	333	0	0	15.15%	12.33%	16.42%	50.57%	35.74%	0.00%	0.00%
221	41-1011.00	First-Line Superv./Mgrs of Retail Sales Workers	High school diploma or equivalent	229	4	10,090	9,198	87	0	0	1,274	44	55,030	16,081	207	5	1	17.97%	9.09%	18.34%	57.20%	42.03%	0.00%	0.00%
222	41-3021.00	Insurance Sales Agents	High school diploma or equivalent	102	16	3,260	1,103	36	0	0	581	110	17,940	3,245	102	0	0	17.56%	14.55%	18.17%	33.99%	35.29%	0.00%	0.00%
223	41-2022.00	Parts Salespersons	Less Than High School	0	0	0	614	5	1	1	285	53	10,440	631	13	1	1	0.00%	0.00%	0.00%	97.31%	38.46%	100.00%	100.00%
224	41-9031.00	Sales Engineers	Bachelor's degree	9	1	300	1,243	44	12	2	91	13	3,030	2,806	192	43	11	9.89%	7.69%	9.90%	44.30%	22.92%	27.91%	18.18%
225	41-3099.00	Sales Representatives, Services, All Other	High school diploma or equivalent	194	51	6,690	5,131	94	12	5	850	224	29,380	7,974	233	63	11	22.82%	22.77%	22.77%	64.35%	40.34%	19.05%	45.45%
226	41-4012.00	Sales Rep., Wholesale/Mfg, ex. Tech./Sci. Prod.	High school diploma or equivalent	203	50	7,460	3,381	117	0	0	1,202	199	48,760	7,580	389	19	4	16.89%	25.13%	15.30%	44.60%	30.08%	0.00%	0.00%
227	41-4011.00	Sales Rep., Wholesale & Mfg, Tech./Sci. Prod.	Bachelor's degree	102	34	3,280	7,435	87	0	0	610	132	23,220	11,666	278	56	7	16.72%	25.76%	14.13%	63.73%	31.29%	0.00%	0.00%
228	41-3031.00	Securities/Commodities/Fin. Serv. Sales Agents	Bachelor's degree	46	11	2,050	4,688	51	0	0	272	79	11,200	13,650	142	500	2	16.91%	13.92%	18.30%	34.34%	35.92%	0.00%	0.00%
Number of Occupations Columbus Region				920	176	35,390	35,021	640	25	8														

Transportation and Material Moving Occupations																								
Ref.	Ext. SOC	In-Demand Occupation - 8	Typical Education Required for Entry ¹	Central Region						Statewide						Central Regional Percentage Share of Statewide Numbers								
				Regional Annual Openings	Regional Growth Openings	2014 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Statewide Annual Openings	Statewide Annual Growth Openings	2014 Statewide Employment	Statewide 4-Year OMJ Trend Data	No. of Employer s (OMJ)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth Openings	2014 Statewide Employment	OMJ 4-Year Trend Data	Number of OMJ Employers	Forecast Data	Number of Employers Forecasted
229	53-6051.01	Aviation Inspectors*	High school diploma or equivalent	3	0	130	50	4	0	0	21	1	770	82	11	40	2	14.29%	0.00%	16.88%	60.98%	36.36%	0.00%	0.00%
230	53-3022.00	Bus Drivers, School or Special Client	High school diploma or equivalent	23	8	1,150	219	15	25	1	282	106	13,420	325	40	25	1	8.16%	7.55%	8.57%	67.38%	37.50%	100.00%	100.00%
231	53-2012.00	Commercial Pilots	High school diploma or equivalent	92	46	1,890	7	4	0	0	144	65	3,260	50	21	12	1	63.89%	70.77%	57.98%	14.00%	19.05%	0.00%	0.00%
232	53-1021.00	FL Sup/Mgrs of Help/Labor/Mat. Movers, Hand	High school diploma or equivalent	54	4	1,560	139	23	0	0	233	10	6,970	212	50	0	0	23.18%	40.00%	22.38%	65.57%	46.00%	0.00%	0.00%
233	53-1031.00	FL Sup/Mgr of Trans/Mat.-Mov. Mach & Veh Op	High school diploma or equivalent	0	0	0	3,505	133	2	1	292	19	8,510	5,922	364	5	1	0.00%	0.00%	0.00%	59.19%	36.54%	40.00%	100.00%
234	53-3032.00	Truck Drivers, Heavy and Tractor-Trailer	Certificate/Some college	275	65	12,310	10,789	67	57	3	1,597	353	73,110	16,734	228	1,873	14	17.22%	18.41%	16.84%	64.47%	29.39%	3.04%	21.43%
235	53-7051.00	Industrial Truck and Tractor Operators	Less Than High School	133	7	5,080	1,449	65	10	1	630	13	24,790	1,864	147	55	3	21.11%	53.85%	20.49%	77.74%	44.22%	18.18%	33.33%
236	53-3033.00	Truck Drivers, Light or Delivery Services	High school diploma or equivalent	114	14	5,900	4,907	61	67	2	624	56	33,410	6,001	177	406	4	18.27%	25.00%	17.66%	81.77%	34.46%	16.50%	50.00%
Number of Occupations Columbus Region				694	144	28,020	21,065	372	161	8														

Number of Occupations Central Region	213	177	213	235	235	109	109
Number of In-Demand Occupations	236	236	236	236	236	236	236
Percentage of In-Demand Central Region	90.25%	75.00%	90.25%	99.58%	99.58%	46.19%	46.19%

Occupations with Annual Earnings ≥ \$13.47 per hour, Job Growth Count ≥ the Area Average (50 jobs), And/Or Total Annual Openings ≥ the Area Average (230 jobs)

Regional jobs forecasted may not total to the state due to various statewide only forecasted data.

Data across all tables may not be comparable due to differences in reporting periods, data source and data compression and rounding

¹Typical education level needed to enter the occupation, using the US Bureau of Labor Statistics (BLS) education and training classification system

²Typical on-the-job training needed

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*The openings and growth numbers for this occupation represent an occupational category that includes, but is larger than the specific occupational title listed

indicates a wage greater than \$90.00 per hour or \$187,200 per year

** Indicates that 2022 Occupational Data was suppressed, shown data represents 2020 LMI projections.