

West Regional Business Engagement Report

October 2017

Architecture and Engineering Occupations																									
Ref. #	Ext. SOC	In-Demand Occupation - 24	Typical Education Required for Entry ¹	West Region						Statewide						West 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	39	0	1,370	139	13	0	0	129	0	4,510	1,997	71	321	3	30.23%	0.00%	30.38%	6.96%	18.31%	0.00%	0.00%	
2	17-2031.00	Biomedical Engineers	Bachelor's degree	0	0	0	13	4	0	0	25	8	640	163	35	54	4	0.00%	0.00%	0.00%	7.98%	11.43%	0.00%	0.00%	
3	17-2041.00	Chemical Engineers	Bachelor's degree	0	0	0	65	5	3	1	40	4	1,310	447	67	44	10	0.00%	0.00%	0.00%	14.54%	7.46%	6.82%	10.00%	
4	17-2051.00	Civil Engineers	Bachelor's degree	27	6	720	51	10	0	0	286	63	7,550	488	95	33	5	9.44%	9.52%	9.54%	10.45%	10.53%	0.00%	0.00%	
5	17-2061.00	Computer Hardware Engineers	Bachelor's degree	4	0	200	29	12	0	0	19	3	760	554	64	11	2	21.05%	0.00%	26.32%	5.23%	18.75%	0.00%	0.00%	
6	17-3023.00	Electrical and Electronic Engineering Technicians	Associate's degree	10	0	400	140	32	0	0	89	0	3,620	1,325	198	15	1	11.24%	0.00%	11.05%	10.57%	16.16%	0.00%	0.00%	
7	17-3023.03	Electrical Engineering Technicians*	Associate's degree	10	0	400	140	32	0	0	89	0	3,620	1,325	198	27	2	11.24%	0.00%	11.05%	10.57%	16.16%	0.00%	0.00%	
8	17-3029.02	Electrical Engineering Technologists*	Associate's degree	8	0	320	8	6	0	0	89	2	3,560	177	56	18	1	8.99%	0.00%	8.99%	4.52%	10.71%	0.00%	0.00%	
9	17-2071.00	Electrical Engineers	Bachelor's degree	9	0	420	265	35	253	2	119	7	5,070	3,761	239	653	19	7.56%	0.00%	8.28%	7.05%	14.64%	38.74%	10.53%	
10	17-3024.00	Electro-Mechanical Technicians	Associate's degree	0	0	0	13	4	0	0	15	0	600	90	36	45	3	0.00%	0.00%	0.00%	14.44%	11.11%	0.00%	0.00%	
11	17-3023.01	Electronics Engineering Technicians*	Associate's degree	10	0	400	140	32	0	0	89	0	3,620	1,325	198	63	4	11.24%	0.00%	11.05%	10.57%	16.16%	0.00%	0.00%	
12	17-2072.00	Electronics Engineers, Except Computer	Bachelor's degree	28	0	1,280	74	17	0	0	83	0	3,750	785	115	48	2	33.73%	0.00%	34.13%	9.43%	14.78%	0.00%	0.00%	
13	17-2081.00	Environmental Engineers	Bachelor's degree	0	0	0	24	9	0	0	40	12	990	444	93	1	1	0.00%	0.00%	0.00%	5.41%	9.68%	0.00%	0.00%	
14	17-2111.00	Health & Safety Engineers, ex. Mining Safety & Inspectors	Bachelor's degree	0	0	0	134	33	0	0	24	4	670	1,787	281	6	4	0.00%	0.00%	0.00%	7.50%	11.74%	0.00%	0.00%	
15	17-2112.00	Industrial Engineers	Bachelor's degree	54	4	1,720	2,004	88	4	1	366	23	11,710	19,962	606	31	5	14.75%	17.39%	14.69%	10.04%	14.52%	12.90%	20.00%	
16	17-2199.04	Manufacturing Engineers*	Bachelor's degree	39	0	1,920	125	25	45	5	191	32	7,930	564	136	107	17	20.42%	0.00%	24.21%	22.16%	18.38%	42.06%	29.41%	
17	17-3029.09	Manufacturing Production Technicians*	Associate's degree	8	0	320	8	6	9	1	89	2	3,560	177	56	383	13	8.99%	0.00%	8.99%	4.52%	10.71%	2.35%	7.69%	
18	17-2131.00	Materials Engineers	Bachelor's degree	13	0	360	75	11	0	0	53	1	1,480	1,014	84	21	3	24.53%	0.00%	24.32%	7.40%	13.10%	0.00%	0.00%	
19	17-3013.00	Mechanical Drafters	Associate's degree	5	0	390	11	8	0	0	36	0	3,080	196	80	7	1	13.89%	0.00%	12.66%	5.61%	10.00%	0.00%	0.00%	
20	17-3027.00	Mechanical Engineering Technicians	Associate's degree	14	1	520	21	12	0	0	69	6	2,560	204	51	64	4	20.29%	16.67%	20.31%	10.29%	23.53%	0.00%	0.00%	
21	17-2141.00	Mechanical Engineers	Bachelor's degree	66	5	1,930	395	51	2	1	430	50	11,990	5,396	321	238	22	15.35%	10.00%	16.10%	7.32%	15.89%	0.84%	4.55%	
22	17-3029.01	Non-Destructive Testing Specialists*	Associate's degree	8	0	320	8	6	0	0	89	2	3,560	177	56	31	2	8.99%	0.00%	8.99%	4.52%	10.71%	0.00%	0.00%	
23	17-2199.08	Robotics Engineers*	Bachelor's degree	39	0	1,920	125	25	0	0	191	32	7,930	564	136	12	1	20.42%	0.00%	24.21%	22.16%	18.38%	0.00%	0.00%	
24	17-2199.02	Validation Engineers*	Bachelor's degree	39	0	1,920	125	25	0	0	191	32	7,930	564	136	6	1	20.42%	0.00%	24.21%	22.16%	18.38%	0.00%	0.00%	
Number of Occupations Dayton Region				430	16	16,830	4,132	501	316	11															

Arts, Design, Entertainment, Sports, and Media Occupations																									
Ref.	Ext. SOC	In-Demand Occupation - 5	Typical Education Required for Entry ¹	West Region						Statewide						West 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	0	0	0	6	4	0	0	41	14	1,410	91	39	3	1	0.00%	0.00%	0.00%	6.59%	10.26%	0.00%	0.00%	
26	27-1024.00	Graphic Designers	Bachelor's degree	24	2	940	79	15	0	0	244	10	9,860	1,081	194	2	1	9.84%	20.00%	9.53%	7.31%	7.73%	0.00%	0.00%	
27	27-3091.00	Interpreters and Translators	Bachelor's degree	18	12	400	40	9	0	0	91	56	2,200	264	44	0	0	19.78%	21.43%	18.18%	15.15%	20.45%	0.00%	0.00%	
28	27-3031.00	Public Relations Specialists	Bachelor's degree	10	4	540	196	26	0	0	132	40	7,710	2,676	334	3	1	7.58%	10.00%	7.00%	7.32%	7.78%	0.00%	0.00%	
29	27-3042.00	Technical Writers	Bachelor's degree	4	0	200	79	17	0	0	40	12	1,250	892	145	22	1	10.00%	0.00%	16.00%	8.86%	11.72%	0.00%	0.00%	
Number of Occupations Dayton Region				56	18	2,080	400	71	0	0															

Business and Financial Operations Occupations																									
Ref.	Ext. SOC	In-Demand Occupation - 21	Typical Education Required for Entry ¹	West Region						Statewide						West 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	124	29	3,550	632	67	0	0	1,438	336	41,300	16,236	668	1,312	18	8.62%	8.63%	8.60%	3.89%	10.03%	0.00%	0.00%	
31	13-1199.00	Business Operations Specialists, All Other	Bachelor's degree	43	0	3,580	315	36	0	0	374	67	25,760	5,151	311	6	1	11.50%	0.00%	13.90%	6.12%	11.58%	0.00%	0.00%	
32	13-1031.00	Claims Adjusters, Examiners, and Investigators	High school diploma or equivalent	8	0	350	37	2	2	1	312	11	12,150	2,495	88	1,581	4	2.56%	0.00%	2.88%	1.48%	2.27%	0.13%	25.00%	
33	13-1041.00	Compliance Officers*	Bachelor's degree	11	3	540	44	14	2	1	120	28	6,570	872	160	2	1	9.17%	10.71%	8.22%	5.05%	8.75%	100.00%	100.00%	
34	13-1051.00	Cost Estimators	Bachelor's degree	40	9	1,100	22	10	9	2	384	93	10,230	364	91	33	6	10.42%	9.68%	10.75%	6.04%	10.99%	27.27%	33.33%	
35	13-2041.00	Credit Analysts	Bachelor's degree	11	1	240	10	6	0	0	163	17	3,360	1,348	96	6	3	6.75%	5.88%	7.14%	0.74%	6.25%	0.00%	0.00%	
36	13-1041.01	Environmental Compliance Inspectors*	Bachelor's degree	11	3	540	44	14	0	0	120	28	6,570	872	160	1	1	9.17%	10.71%	8.22%	5.05%	8.75%	0.00%	0.00%	
37	13-2051.00	Financial Analysts	Bachelor's degree	12	4	410	210	23	0	0	273	79	9,460	4,616	272	640	7	4.40%	5.06%	4.33%	4.55%	8.46%	0.00%	0.00%	
38	13-1071.00	Human Resources Specialists	Bachelor's degree	66	10	2,310	134	34	0	0	452	58	16,180	3,720	339	9	3	14.60%	17.24%	14.28%	3.60%	10.03%	0.00%	0.00%	
39	13-2053.00	Insurance Underwriters	Bachelor's degree	2	0	110	7	1	0	0	93	0	4,930	851	46	282	4	2.15%	0.00%	2.23%	0.82%	2.17%	0.00%	0.00%	
40	13-2072.00	Loan Officers	Bachelor's degree	28	9	1,140	27	4	9	2	298	89	12,550	7,587	73	182	6	9.40%	10.11%	9.08%	0.36%	5.48%	4.95%	33.33%	
41	13-1081.00	Logisticians*	Bachelor's degree	17	0	1,230	91	25	0	0	89	9	5,790	1,686	228	17	2	19.10%	0.00%	21.24%	5.40%	10.96%	0.00%	0.00%	
42	13-1081.02	Logistics Analysts*	Bachelor's degree	17	0	1,230	91	25	0	0	89	9	5,790	1,686	228	3	1	19.10%	0.00%	21.24%	5.40%	10.96%	0.00%	0.00%	
43	13-1111.00	Management Analysts	Bachelor's degree	60	23	2,650	872	38	253	2	624	290	24,080	30,314	369	500	3	9.62%	7.93%	11.00%	2.88%	10.30%	50.60%	66.67%	
44	13-1161.00	Market Research Analysts and Marketing Specialists	Bachelor's degree	50	30	1,660	475	34	0	0	602	362	20,100	8,302	361	75	5	8.31%	8.29%	8.26%	3.61%	9.42%	0.00%	0.00%	
45	13-1199.06	Online Merchants*	High school diploma or equivalent	43	0	3,580	315	36	0	0	374	67	25,760	5,151	311	0	0	11.50%	0.00%	13.90%	6.12%	11.58%	0.00%	0.00%	
46	13-2052.00	Personal Financial Advisors	Bachelor's degree	0	0	0	70	4	0	0	0	0	0	1,052	59	6	2	0.00%	0.00%	0.00%	6.65%	6.78%	0.00%	0.00%	
47	13-1023.00	Purchasing Agents, ex. Wholesale, Retail, & Farm	Bachelor's degree	63	0	2,300	247	49	0	0	342	0	12,450	3,563	393	20	1	18.42%	0.00%	18.47%	6.93%	12.47%	0.00%	0.00%	
48	13-1041.07	Regulatory Affairs Specialists*	Bachelor's degree	11	3	540	44	14	0	0	120	28	6,570	872	160	2	1	9.17%	10.71%	8.22%	5.05%	8.75%	0.00%	0.00%	
49	13-1151.00	Training and Development Specialists	Bachelor's degree	22	6	640	244	34	0	0	250	60	7,810	3,937	357	2	2	8.80%	10.00%	8.19%	6.20%	9.52%	0.00%	0.00%	
50	13-1022.00	Wholesale and Retail Buyers, Except Farm Products	Bachelor's degree	13	2	360	0	0	0	0															

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54	21-1014.00	Mental Health Counselors	Master's degree	17	8	430	8	3	0	0	158	72	4,130	491	55	655	13	10.76%	11.11%	10.41%	1.63%	5.45%	0.00%	0.00%
55	21-1093.00	Social and Human Service Assistants	High school diploma or equivalent	40	13	1,390	1,025	11	0	0	332	106	11,510	4,771	157	213	3	12.05%	12.26%	12.08%	21.48%	7.01%	0.00%	0.00%
56	21-1011.00	Substance Abuse and Behavioral Disorder Counselors	Bachelor's degree	19	11	380	31	6	0	0	106	51	2,650	381	57	65	3	17.92%	21.57%	14.34%	8.14%	10.53%	0.00%	0.00%
Number of Occupations Dayton Region				147	59	4,010	1,473	45	17	2														

Computer and Mathematical Occupations

Ref.	Ext. SOC	In-Demand Occupation - 22	Typical Education Required for Entry*	West Region						Statewide						West 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
57	15-2011.00	Actuaries	Bachelor's degree	0	0	0	13	2	0	0	45	15	1,010	961	32	17	2	0.00%	0.00%	0.00%	1.35%	6.25%	0.00%	0.00%
58	15-1199.08	Business Intelligence Analysts*	Bachelor's degree	15	0	1,180	1,465	50	0	0	103	6	7,520	33,233	436	156	2	14.56%	0.00%	15.69%	4.41%	11.47%	0.00%	0.00%
59	15-1111.00	Computer & Information Research Scientists	Doctoral or professional degree	0	0	0	139	8	2	1	3	0	230	503	55	13	3	0.00%	0.00%	0.00%	27.63%	14.55%	15.38%	33.33%
60	15-1143.00	Computer Network Architects	Bachelor's degree	6	2	300	38	14	0	0	96	27	5,390	1,503	156	0	0	6.25%	7.41%	5.57%	2.53%	8.97%	0.00%	0.00%
61	15-1152.00	Computer Network Support Specialists	Associate's degree	14	5	700	7	3	0	0	148	49	7,710	184	52	4	1	9.46%	10.20%	9.08%	3.80%	5.77%	0.00%	0.00%
62	15-1131.00	Computer Programmers	Bachelor's degree	14	0	560	220	35	0	0	184	0	7,490	5,370	312	358	9	7.61%	0.00%	7.48%	4.10%	11.22%	0.00%	0.00%
63	15-1121.00	Computer Systems Analysts	Bachelor's degree	77	47	2,370	1,245	49	3	1	978	599	29,440	27,229	447	571	6	7.87%	7.85%	8.05%	4.57%	10.96%	0.53%	16.67%
64	15-1199.02	Computer Systems Engineers/Architects*	Bachelor's degree	15	0	1,180	1,465	50	0	0	103	6	7,520	33,233	436	61	4	14.56%	0.00%	15.69%	4.41%	11.47%	0.00%	0.00%
65	15-1151.00	Computer User Support Specialists	Certificate/Some college	50	26	1,900	806	65	0	0	459	225	18,150	15,091	622	36	7	10.89%	11.56%	10.47%	5.34%	10.45%	0.00%	0.00%
66	15-1199.07	Data Warehousing Specialists*	Bachelor's degree	15	0	1,180	1,465	50	0	0	103	6	7,520	33,233	436	7	1	14.56%	0.00%	15.69%	4.41%	11.47%	0.00%	0.00%
67	15-1141.00	Database Administrators	Bachelor's degree	12	4	360	241	18	0	0	152	52	4,620	3,483	209	3	1	7.89%	7.69%	7.79%	6.92%	8.61%	0.00%	0.00%
68	15-1122.00	Information Security Analysts	Bachelor's degree	0	0	0	259	18	0	0	55	30	1,920	4,723	186	230	4	0.00%	0.00%	0.00%	5.48%	9.68%	0.00%	0.00%
69	15-1199.09	Information Technology Project Managers*	Bachelor's degree	15	0	1,180	1,465	50	0	0	103	6	7,520	33,233	436	388	8	14.56%	0.00%	15.69%	4.41%	11.47%	0.00%	0.00%
70	15-1142.00	Network and Computer Systems Administrators	Bachelor's degree	29	9	1,530	644	55	1	1	282	92	14,780	11,682	471	70	8	10.28%	9.78%	10.35%	5.51%	11.68%	1.43%	12.50%
71	15-2031.00	Operations Research Analysts	Bachelor's degree	8	4	200	165	31	0	0	112	68	2,450	3,437	255	115	1	7.14%	5.88%	8.16%	4.80%	12.16%	0.00%	0.00%
72	15-1199.10	Search Marketing Strategists*	Bachelor's degree	15	0	1,180	1,465	50	0	0	103	6	7,520	33,233	436	18	1	14.56%	0.00%	15.69%	4.41%	11.47%	0.00%	0.00%
73	15-1132.00	Software Developers, Applications	Bachelor's degree	82	46	2,530	1,214	40	0	0	836	467	25,840	17,133	357	1,799	26	9.81%	9.85%	9.79%	3.57%	11.20%	0.00%	0.00%
74	15-1133.00	Software Developers, Systems Software	Bachelor's degree	11	5	440	200	22	0	0	120	42	5,430	1,480	128	344	7	9.17%	11.90%	8.10%	13.51%	17.19%	0.00%	0.00%
75	15-1199.01	Software Quality Assurance Engineers and Testers*	Bachelor's degree	15	0	1,180	1,465	50	0	0	103	6	7,520	33,233	436	211	6	14.56%	0.00%	15.69%	4.41%	11.47%	0.00%	0.00%
76	15-2041.00	Statisticians	Master's degree	0	0	0	31	8	0	0	44	28	880	474	68	6	1	0.00%	0.00%	0.00%	6.54%	11.76%	0.00%	0.00%
77	15-1143.01	Telecommunications Engineering Specialists*	Bachelor's degree	6	2	300	38	14	0	0	96	27	5,390	1,503	156	2	1	6.25%	7.41%	5.57%	2.53%	8.97%	0.00%	0.00%
78	15-1134.00	Web Developers	Associate's degree	26	18	640	386	21	3	1	205	138	5,230	9,883	312	520	7	12.68%	13.04%	12.24%	3.91%	6.73%	0.58%	14.29%
Number of Occupations Dayton Region				425	168	18,910	14,436	703	9	4														

Construction and Extraction Occupations

Ref.	Ext. SOC	In-Demand Occupation - 12	Typical Education Required for Entry*	West Region						Statewide						West 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
79	47-2031.00	Carpenters	High school diploma or equivalent	40	18	1,880	4	3	104	3	623	287	29,210	130	43	676	15	6.42%	6.27%	6.44%	3.08%	6.98%	15.38%	20.00%
80	47-2051.00	Cement Masons and Concrete Finishers	Less Than High School	7	3	360	0	0	40	1	91	35	4,640	16	6	144	5	7.69%	8.57%	7.76%	0.00%	0.00%	27.78%	20.00%
81	47-2061.00	Construction Laborers	Less Than High School	88	34	2,690	6	3	91	3	1,129	411	35,980	346	61	998	7	7.79%	8.27%	7.48%	1.73%	4.92%	9.12%	42.86%
82	47-2111.00	Electricians	High school diploma or equivalent	69	31	2,520	44	13	6	1	628	270	23,460	700	121	584	16	10.99%	11.48%	10.74%	6.29%	10.74%	1.03%	6.25%
83	47-1011.00	First-Line Sup/Mgrs of Con. Trades/Extract. Work	High school diploma or equivalent	23	12	1,410	48	14	47	2	243	124	14,990	715	145	174	7	9.47%	9.68%	9.41%	6.71%	9.66%	27.01%	28.57%
84	47-3019.00	Helpers, Construction Trades, All Other	Less Than High School	0	0	0	0	0	0	0	11	5	440	775	3	24	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
85	47-3013.00	Helpers—Electricians	High school diploma or equivalent	3	2	110	9	1	16	1	34	20	1,110	76	6	159	2	8.82%	10.00%	9.91%	11.84%	16.67%	10.06%	50.00%
86	47-2073.00	Operating Engineers & Other Con. Equip. Op.	High school diploma or equivalent	21	5	960	2	1	0	0	313	78	14,110	102	25	249	4	6.71%	6.41%	6.80%	1.96%	4.00%	0.00%	0.00%
87	47-2141.00	Painters, Construction and Maintenance	Less Than High School	27	10	1,060	5	4	0	0	250	90	10,040	51	27	0	0	10.80%	11.11%	10.56%	9.80%	14.81%	0.00%	0.00%
88	47-2152.00	Plumbers, Pipefitters, and Steamfitters	High school diploma or equivalent	23	9	1,080	20	2	21	2	339	148	14,440	131	31	366	4	6.78%	6.08%	7.48%	15.27%	6.45%	5.74%	50.00%
89	47-2211.00	Sheet Metal Workers	High school diploma or equivalent	10	2	380	7	1	75	2	126	25	4,690	67	20	145	2	7.94%	8.00%	8.10%	10.45%	5.00%	51.72%	100.00%
90	47-2221.00	Structural Iron and Steel Workers	High school diploma or equivalent	3	0	200	0	0	55	1	38	2	2,190	16	5	99	2	7.89%	0.00%	9.13%	0.00%	0.00%	55.56%	50.00%
Number of Occupations Dayton Region				314	126	12,650	145	42	455	16														

Education, Training, and Library Occupations

Ref.	Ext. SOC	In-Demand Occupation - 2	Typical Education Required for Entry*	West Region						Statewide						West 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
91	25-9031.01	Instructional Designers and Technologists*	Master's degree	4	2	200	16	6	0	0	48	23	2,560	527	82	1	1	8.33%	8.70%	7.81%	3.04%	7.32%	0.00%	0.00%
92	25-3021.00	Self-Enrichment Education Teachers	High school diploma or equivalent	25	11	750	1	1	0	0	300	118	9,630	7	4	0	0	8.33%	9.32%	7.79%	14.29%	25.00%	0.00%	0.00%
Number of Occupations Dayton Region				29	13	950	17	7	0	0														

Food Preparation and Serving Related Occupations

Ref.	Ext. SOC	In-Demand Occupation - 1	Typical Education Required for Entry*	West Region						Statewide						West 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
93	35-1012.00	FL Sup/Mgrs of Food Prep. & Serving Workers	High school diploma or equivalent	124	20	3,510	245	9	0	0	1,325	308	34,250	4,528	105	30	1	9.36%	6.49%	10.25%	5.41%	8.57%	0.00%	0.00%

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Ref.	Ext. SOC	In-Demand Occupation - 8	Typical Education Required for Entry*	West Region					Statewide					West Regional Percentage Share of Statewide Numbers										
				Regional Annual Openings	Regional Growth Openings	2014 Regional Employment	Regional OMI 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 OMI Trend Data	No. of Employers (OMJ)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth Openings	2014 Statewide Employment	OMI 4-Year Trend Data	Number of Employers	Forecast Data	Number of Employers Forecasted
98	29-1062.00	Family and General Practitioners	Doctoral or professional degree	33	11	810	14	4	0	0	181	58	4,560	1,257	76	24	2	18.23%	18.97%	17.76%	1.11%	5.26%	0.00%	0.00%
99	29-2099.00	Health Technologists and Technicians, All Other	High school diploma or equivalent	11	7	390	122	5	0	0	151	105	4,670	1,830	61	0	0	7.28%	6.67%	8.35%	6.67%	8.20%	0.00%	0.00%
100	29-1063.00	Internists, General	Doctoral or professional degree	8	2	220	30	4	0	0	81	21	2,220	795	58	3	1	9.88%	9.52%	9.91%	3.77%	6.90%	0.00%	0.00%
101	29-2061.00	Licensed Practical and Licensed Vocational Nurses	Certificate/Some college	199	81	4,140	344	8	0	0	1,930	800	39,730	4,943	97	107	6	10.31%	10.13%	10.42%	6.96%	8.25%	0.00%	0.00%
102	29-2035.00	Magnetic Resonance Imaging Technologists	Associate's degree	4	1	160	26	4	0	0	49	20	1,520	252	41	1	1	8.16%	5.00%	10.53%	10.32%	9.76%	0.00%	0.00%
103	29-2012.00	Medical and Clinical Laboratory Technicians	Associate's degree	19	6	560	204	13	0	0	232	84	6,180	2,789	99	39	3	8.19%	7.14%	9.06%	7.31%	13.13%	0.00%	0.00%
104	29-2011.00	Medical and Clinical Laboratory Technologists	Bachelor's degree	24	8	650	230	9	0	0	232	77	6,480	3,075	77	705	10	10.34%	10.39%	10.03%	7.48%	11.69%	0.00%	0.00%
105	29-2071.00	Medical Records and Health Information Technicians	Certificate/Some college	28	10	810	294	9	90	1	283	104	7,980	6,243	136	130	2	9.89%	9.62%	10.15%	4.71%	6.62%	69.23%	50.00%
106	29-2033.00	Nuclear Medicine Technologists	Associate's degree	2	0	100	27	3	0	0	28	9	1,000	278	35	3	1	7.14%	0.00%	10.00%	9.71%	8.57%	0.00%	0.00%
107	29-1171.00	Nurse Practitioners	Master's degree	27	16	460	63	5	95	1	230	124	4,470	1,323	75	162	7	11.74%	12.90%	10.29%	4.76%	6.67%	58.64%	14.29%
108	29-9011.00	Occupational Health and Safety Specialists	Bachelor's degree	6	0	280	38	14	0	0	69	14	2,770	442	116	1	1	8.70%	0.00%	10.11%	8.60%	12.07%	0.00%	0.00%
109	29-1122.00	Occupational Therapists	Master's degree	18	10	390	87	6	0	0	214	124	4,650	2,494	59	75	2	8.41%	8.06%	8.39%	3.49%	10.17%	0.00%	0.00%
110	29-2081.00	Opticians, Dispensing	High school diploma or equivalent	20	8	440	0	0	0	0	144	60	3,150	128	5	0	0	13.89%	13.33%	13.97%	0.00%	0.00%	0.00%	0.00%
111	29-1051.00	Pharmacists	Doctoral or professional degree	30	4	1,090	120	6	0	0	314	39	11,770	5,904	9,262	170	2	9.55%	10.26%	9.26%	2.03%	7.32%	0.00%	0.00%
112	29-1123.00	Physical Therapists	Doctoral or professional degree	39	20	720	133	7	90	1	423	222	7,500	3,519	78	111	3	9.22%	9.01%	9.60%	3.78%	8.97%	81.08%	33.33%
113	29-1071.00	Physician Assistants	Master's degree	20	12	340	57	6	0	0	106	59	2,090	3,394	64	14	1	18.87%	20.34%	16.27%	1.68%	9.38%	0.00%	0.00%
114	29-1069.00	Physicians and Surgeons, All Other	Doctoral or professional degree	73	29	1,630	69	5	0	0	710	255	16,910	2,119	67	665	4	10.28%	11.37%	10.90%	3.26%	7.46%	0.00%	0.00%
115	29-1066.00	Psychiatrists	Doctoral or professional degree	0	0	0	20	4	0	0	63	27	1,360	319	55	110	8	0.00%	0.00%	0.00%	6.27%	7.27%	0.00%	0.00%
116	29-2034.00	Radiologic Technologists	Associate's degree	25	7	940	201	5	15	1	259	88	9,050	3,993	67	93	2	9.65%	7.95%	10.39%	5.03%	7.46%	16.13%	50.00%
117	29-1141.00	Registered Nurses	Bachelor's degree	516	216	12,720	2,602	16	1,050	1	4,833	1,777	129,550	29,481	206	15,260	26	10.68%	12.16%	9.82%	8.83%	7.77%	6.88%	3.85%
118	29-1126.00	Respiratory Therapists	Associate's degree	17	5	530	190	5	0	0	194	56	5,880	2,677	57	57	2	8.76%	8.93%	9.01%	7.10%	8.77%	0.00%	0.00%
119	29-1127.00	Speech-Language Pathologists	Master's degree	29	14	580	52	4	0	0	269	135	5,320	1,670	50	0	0	10.78%	10.37%	10.90%	3.11%	8.00%	0.00%	0.00%
120	29-2099.07	Surgical Assistants*	Certificate/Some College	11	7	390	122	5	0	0	151	105	4,670	1,830	61	15	1	7.28%	6.67%	8.35%	6.67%	8.20%	0.00%	0.00%
121	29-2055.00	Surgical Technologists	Certificate/Some college	7	4	330	145	5	120	1	84	46	3,820	2,799	59	185	2	8.33%	8.70%	8.64%	5.18%	8.47%	64.86%	50.00%
122	29-2056.00	Veterinary Technologists and Technicians	Associate's degree	11	7	440	3	1	0	0	98	66	3,280	87	13	0	0	11.22%	10.61%	13.41%	3.45%	7.69%	0.00%	0.00%
Number of Occupations Dayton Region				1,274	540	31,550	5,475	164	1,460	6														

Healthcare Support Occupations

Ref.	Ext. SOC	In-Demand Occupation - 8	Typical Education Required for Entry*	West Region					Statewide					West Regional Percentage Share of Statewide Numbers										
				Regional Annual Openings	Regional Growth Openings	2014 Regional Employment	Regional OMI 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 OMI Trend Data	No. of Employers (OMJ)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth Openings	2014 Statewide Employment	OMI 4-Year Trend Data	Number of Employers	Forecast Data	Number of Employers Forecasted
123	31-9091.00	Dental Assistants	Certificate/Some college	49	20	1,160	6	1	0	0	409	167	9,800	333	18	1	1	11.98%	11.98%	11.84%	1.80%	5.56%	0.00%	0.00%
124	31-9099.00	Healthcare Support Workers, All Other	High school diploma or equivalent	8	2	300	77	3	0	0	102	37	3,100	1,658	61	33	3	7.84%	5.41%	9.68%	4.64%	4.92%	0.00%	0.00%
125	31-9011.00	Massage Therapists	Certificate/Some college	4	3	180	4	2	0	0	122	94	3,740	61	17	0	0	3.28%	3.19%	4.81%	6.56%	11.76%	0.00%	0.00%
126	31-9092.00	Medical Assistants	Certificate/Some college	108	60	2,320	433	9	0	0	911	468	21,240	13,236	113	2,565	10	11.86%	12.82%	10.92%	3.27%	7.96%	0.00%	0.00%
127	31-1014.00	Nursing Assistants	Certificate/Some college	312	122	8,410	673	6	0	0	2,711	1,107	71,020	8,786	77	2,310	9	11.51%	11.02%	11.84%	7.66%	7.79%	0.00%	0.00%
128	31-2011.00	Occupational Therapist Assistants	Associate's degree	18	10	270	50	5	0	0	177	110	2,300	788	45	0	0	10.17%	9.09%	11.74%	6.35%	11.11%	0.00%	0.00%
129	31-9097.00	Phlebotomists	Certificate/Some college	33	18	720	102	6	0	0	190	88	4,890	2,043	50	100	3	17.37%	20.45%	14.72%	4.99%	12.00%	0.00%	0.00%
130	31-2021.00	Physical Therapist Assistants	Associate's degree	38	22	540	72	5	0	0	339	195	4,990	1,137	49	0	0	11.21%	11.28%	10.82%	6.33%	10.20%	0.00%	0.00%
Number of Occupations Dayton Region				570	257	13,900	1,417	37	0	0														

Installation, Maintenance, and Repair Occupations

Ref.	Ext. SOC	In-Demand Occupation - 18	Typical Education Required for Entry*	West Region					Statewide					West Regional Percentage Share of Statewide Numbers										
				Regional Annual Openings	Regional Growth Openings	2014 Regional Employment	Regional OMI 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 OMI Trend Data	No. of Employers (OMJ)	Statewide Forecast Data	No. of Employers Forecasted	Total Annual Openings	Annual Growth Openings	2014 Statewide Employment	OMI 4-Year Trend Data	Number of Employers	Forecast Data	Number of Employers Forecasted
131	49-3011.00	Aircraft Mechanics and Service Technicians	Certificate/Some college	0	0	0	26	5	75	1	98	22	3,210	161	33	410	4	0.00%	0.00%	0.00%	16.15%	15.15%	18.29%	25.00%
132	49-3021.00	Automotive Body and Related Repairers	High school diploma or equivalent	27	8	840	9	3	0	0	210	58	6,630	43	19	10	1	12.86%	13.79%	12.67%	20.93%	15.79%	0.00%	0.00%
133	49-3023.00	Automotive Service Technicians and Mechanics	Certificate/Some college	97	17	3,010	20	8	0	0	857	126	27,290	2,782	89	88	2	11.32%	13.49%	11.03%	0.72%	8.99%	0.00%	0.00%
134	49-2091.00	Avionics Technicians	Associate's degree	0	0	0	5	1	30	1	10	2	450	39	13	60	1	0.00%	0.00%	0.00%	12.82%	7.69%	50.00%	100.00%
135	49-3031.00	Bus & Truck Mechanics & Diesel Engine Spec.	High school diploma or equivalent	39	16	1,360	319	16	2	1	325	118	12,040	3,078	148	124	7	12.00%	13.56%	11.30%	10.36%	10.81%	1.61%	14.29%
136	49-2093.00	Electrical/Electronics Install/Repair, Trans. Equip.	Certificate/Some college	0	0	0	0	0	0	0	9	2	430	1	1	185	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
137	49-2094.00	Electrical/Electronics Repair, Comm/Indus Equip.	Certificate/Some college	6	1	270	18	8	0	0	46	6	2,290	180	65	60	6	13.04%	16.67%	11.79%	10.00%	12.31%	0.00%	0.00%
138	49-2095.00	Electrical/Electronics Repair, Pwrhse/Substa/Rly	Certificate/Some college	2	0	120	0	0	0	0	12	0	690	3	2	35	1	16.67%	0.00%	17.39%	0.00%	0.00%	0.00%	0.00%
139	49-9051.00	Electrical Power-Line Installers and Repairers	High school diploma or equivalent	15	2	330	0	0	0	0	184	18	4,180	310	8	192	3	8.15%	11.11%	7.89%	0.00%	0.00%	0.00%	0.00%
140	49-1011.00	FL Sup/Mgrs of Mechanics/Installers/Repairers	High school diploma or equivalent	40	8	1,600	432	56	0	0	403	80	16,180	4,595	441	65	6	9.93%	10.00%	9.89%	9.40%	12.70%	0.00%	0.00%
141	49-9021.00	Heating, AC, & Refrigeration Mechanics/Installers	Certificate/Some college	42	20	1,420	77	15	12	2	298	147	9,890	353	76	188	7	14.09%	13.61%	14.36				

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Ref.	Ext. SOC	In-Demand Occupation - 22	Typical Education Required for Entry*	West Region					Statewide					West 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	0	0	0	73	11	3	1	117	30	3,120	1,404	76	3	1	0.00%	0.00%	0.00%	5.20%	14.47%	100.00%	100.00%
152	19-2031.00	Chemists	Bachelor's degree	5	0	210	72	9	0	0	85	4	3,680	760	84	58	4	5.88%	0.00%	5.71%	9.47%	10.71%	0.00%	0.00%
153	19-3031.00	Clinical, Counseling, and School Psychologists	Doctoral or professional degree	20	11	430	7	3	0	0	189	94	4,450	263	30	23	3	10.58%	11.70%	9.66%	2.66%	10.00%	0.00%	0.00%
154	19-1012.00	Food Scientists and Technologists	Bachelor's degree	0	0	0	11	6	0	0	26	2	680	280	42	1	1	0.00%	0.00%	0.00%	3.93%	14.29%	0.00%	0.00%
155	19-2032.00	Materials Scientists	Bachelor's degree	0	0	0	80	5	3	1	13	3	480	270	28	9	2	0.00%	0.00%	0.00%	29.63%	17.86%	33.33%	50.00%
156	19-4099.01	Quality Control Analysts*	Associate's degree	13	1	280	45	5	0	0	73	8	1,560	173	61	68	5	17.81%	12.50%	17.95%	26.01%	8.20%	0.00%	0.00%
Number of Occupations Dayton Region				38	12	920	288	39	6	2														

Management Occupations

Ref.	Ext. SOC	In-Demand Occupation - 22	Typical Education Required for Entry*	West Region					Statewide					West 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	22	6	860	15	8	0	0	276	72	10,930	286	102	0	0	7.97%	8.33%	7.87%	5.24%	7.84%	0.00%	0.00%
158	11-9041.00	Architectural and Engineering Managers	Bachelor's degree	29	0	950	125	33	0	0	226	14	6,900	1,807	226	6	2	12.83%	0.00%	13.77%	6.92%	14.60%	0.00%	0.00%
159	11-9041.01	Biofuels/Biodiesel Technology & Product Development Managers*	Bachelor's degree	29	0	950	125	33	0	0	226	14	6,900	1,807	226	1	1	12.83%	0.00%	13.77%	6.92%	14.60%	0.00%	0.00%
160	11-3021.00	Computer and Information Systems Managers	Bachelor's degree	38	22	1,380	457	32	0	0	359	213	12,410	7,000	316	4	2	10.58%	10.33%	11.12%	6.53%	10.13%	0.00%	0.00%
161	11-9021.00	Construction Managers	Bachelor's degree	20	4	1,170	35	10	46	2	271	73	14,170	810	122	258	11	7.38%	5.48%	8.26%	4.32%	8.20%	17.83%	18.18%
162	11-9013.00	Farmers, Ranchers, and Other Agricultural Managers	High school diploma or equivalent	188	0	11,040	0	0	0	0	1,293	0	75,880	72	5	0	0	14.54%	0.00%	14.55%	0.00%	0.00%	0.00%	0.00%
163	11-3031.00	Financial Managers	Bachelor's degree	50	9	1,720	226	44	327	2	621	110	21,580	17,062	455	958	12	8.05%	8.18%	7.97%	1.32%	9.67%	34.13%	16.67%
164	11-9051.00	Food Service Managers	High school diploma or equivalent	34	5	1,450	9	3	0	0	333	52	13,970	1,645	57	60	1	10.21%	9.62%	10.38%	0.55%	5.26%	0.00%	0.00%
165	11-1021.00	General and Operations Managers	Bachelor's degree	174	19	6,130	350	46	0	0	1,904	296	63,520	9,384	439	67	9	9.14%	6.42%	9.65%	3.73%	10.48%	0.00%	0.00%
166	11-3121.00	Human Resources Managers	Bachelor's degree	12	2	350	397	68	3	1	163	37	4,320	5,848	575	7	3	7.36%	5.41%	8.10%	6.79%	11.83%	42.86%	33.33%
167	11-3051.00	Industrial Production Managers	Bachelor's degree	39	0	1,370	144	34	1	1	346	0	12,210	1,207	265	27	10	11.27%	0.00%	11.22%	11.93%	12.83%	3.70%	10.00%
168	11-9199.08	Loss Prevention Managers*	High school diploma or equivalent	70	6	2,900	428	41	0	0	762	118	29,190	8,360	452	0	0	9.19%	5.08%	9.93%	5.12%	9.07%	0.00%	0.00%
169	11-9199.00	Managers, All Other	Bachelor's degree	70	6	2,900	428	41	1	1	762	118	29,190	8,360	452	46	8	9.19%	5.08%	9.93%	5.12%	9.07%	2.17%	12.50%
170	11-2021.00	Marketing Managers	Bachelor's degree	14	4	430	1,300	39	3	1	173	44	5,440	18,404	487	39	6	8.09%	9.09%	7.90%	4.07%	8.01%	7.69%	16.67%
171	11-9111.00	Medical and Health Services Managers	Bachelor's degree	67	28	1,540	718	15	0	0	698	285	16,340	14,251	192	33	3	9.60%	9.82%	9.42%	5.04%	7.81%	0.00%	0.00%
172	11-9121.00	Natural Sciences Managers	Bachelor's degree	0	0	0	21	7	0	0	27	3	1,140	2,164	96	17	3	0.00%	0.00%	0.00%	0.97%	7.29%	0.00%	0.00%
173	11-9141.00	Property, Real Estate & Community Assn Mgrs	High school diploma or equivalent	23	7	940	7	6	0	0	237	58	10,300	564	93	0	0	9.70%	12.07%	9.13%	1.24%	6.45%	0.00%	0.00%
174	11-3061.00	Purchasing Managers	Bachelor's degree	8	0	360	209	32	375	1	68	2	2,780	3,537	283	383	5	11.76%	0.00%	12.95%	5.91%	11.31%	97.91%	20.00%
175	11-2022.00	Sales Managers	Bachelor's degree	26	3	960	521	33	0	0	396	58	14,300	8,246	423	71	12	6.57%	5.17%	6.71%	6.32%	7.80%	0.00%	0.00%
176	11-9151.00	Social and Community Service Managers	Bachelor's degree	20	5	550	85	9	0	0	156	34	4,590	682	103	51	3	12.82%	14.71%	11.98%	12.46%	8.74%	0.00%	0.00%
177	11-9199.04	Supply Chain Managers*	High school diploma or equivalent	70	6	2,900	428	41	0	0	762	118	29,190	8,360	452	0	0	9.19%	5.08%	9.93%	5.12%	9.07%	0.00%	0.00%
178	11-3071.01	Transportation Managers*	High school diploma or equivalent	13	1	550	91	33	0	0	133	16	5,310	1,669	288	4	1	9.77%	6.25%	10.36%	5.45%	11.46%	0.00%	0.00%
Number of Occupations Dayton Region				1,016	133	41,400	6,119	608	756	9														

Office and Administrative Support Occupations

Ref.	Ext. SOC	In-Demand Occupation - 20	Typical Education Required for Entry*	West Region					Statewide					West 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	42	0	1,740	134	19	0	0	404	0	16,540	2,775	205	1,643	3	10.40%	0.00%	10.52%	4.83%	9.27%	0.00%	0.00%
180	43-3021.00	Billing and Posting Clerks	High school diploma or equivalent	63	26	1,790	78	9	0	0	817	304	24,540	1,541	144	6	1	7.71%	8.55%	7.29%	5.06%	6.25%	0.00%	0.00%
181	43-3031.00	Bookkeeping, Accounting, and Auditing Clerks	Certificate/Some college	58	0	5,960	173	47	0	0	640	0	65,250	3,809	550	206	7	9.06%	0.00%	9.13%	4.54%	8.55%	0.00%	0.00%
182	43-4051.00	Customer Service Representatives	High school diploma or equivalent	193	16	7,200	803	51	60	2	2,474	489	80,620	21,961	573	7,848	32	7.80%	3.27%	8.93%	3.66%	8.90%	0.76%	6.25%
183	43-5032.00	Dispatchers, Except Police, Fire, and Ambulance	High school diploma or equivalent	21	2	750	43	12	5	2	233	38	7,810	471	89	62	3	9.01%	5.26%	9.60%	9.13%	13.48%	8.06%	66.67%
184	43-6011.00	Executive Secretaries and Administrative Assistants	High school diploma or equivalent	25	0	2,360	362	47	0	0	301	0	28,560	6,835	541	0	0	8.31%	0.00%	8.26%	5.30%	8.69%	0.00%	0.00%
185	43-1011.00	First-Line Sup/Mgrs of Office & Admin. Support	High school diploma or equivalent	0	0	0	677	65	0	0	982	321	43,780	21,026	590	15	4	0.00%	0.00%	0.00%	3.22%	11.02%	0.00%	0.00%
186	43-4161.00	Human Resources Assis., ex. Payroll & Timekp	Associate's degree	5	0	480	62	30	0	0	56	0	4,990	1,516	299	1	1	8.93%	0.00%	9.62%	4.09%	10.03%	0.00%	0.00%
187	43-9041.00	Insurance Claims and Policy Processing Clerks	High school diploma or equivalent	43	8	1,410	23	3	0	0	511	74	17,460	427	61	400	1	8.41%	10.81%	8.08%	5.39%	4.92%	0.00%	0.00%
188	43-4111.00	Interviewers, Except Eligibility and Loan	High school diploma or equivalent	13	1	500	130	5	0	0	274	61	9,330	2,518	69	0	0	4.74%	1.64%	5.36%	5.16%	7.25%	0.00%	0.00%
189	43-4131.00	Loan Interviewers and Clerks	High school diploma or equivalent	33	12	1,380	3	3	0	0	205	61	9,380	782	62	35	4	16.10%	19.67%	14.71%	0.38%	4.84%	0.00%	0.00%
190	43-6013.00	Medical Secretaries	High school diploma or equivalent	124	83	3,920	509	11	0	0	1,147	738	38,770	11,172	116	0	0	10.81%	11.25%	10.11%	4.56%	9.48%	0.00%	0.00%
191	43-4141.00	New Accounts Clerks	High school diploma or equivalent	4	0	150	0	0	0	0	54	0	2,210	420	35	2	1	7.41%	0.00%	6.79%	0.00%	0.00%	0.00%	0.00%
192	43-9199.00	Office and Administrative Support Workers, All Other	High school diploma or equivalent	29	7	820	28	10	0	0	199	50	5,550	354	82	18	5	14.57%	14.00%	14.77%	7.91%	12.20%	0.00%	0.00%
193	43-9061.00	Office Clerks, General	High school diploma or equivalent	245	31	9,900	276	37	0	0	2,495	249	104,140	3,898	358	6	1	9.82%	12.45%	9.51%	7.08%	10.34%	0.00%	0.00%
194	43-4151.00	Order Clerks	High school diploma or equivalent	31	0	1,130	47	10	0	0	328	4	11,940	462	107	0	0	9.45%	0.00%	9.46%	10			

West Regional Business Engagement Report

October 2017

Ref.	Ext. SOC	In-Demand Occupation - 9	Typical Education Required for Entry*	West Region					Statewide					West 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 Employers	Forecast Data	Number of Employers Forecasted
204	51-4011.00	Computer-Controlled Machine Tool Oper., M/P	High school diploma or equivalent	0	0	0	96	25	140	1	608	230	12,430	715	134	173	4	0.00%	0.00%	0.00%	13.43%	18.66%	80.92%	25.00%
205	51-4031.00	Cutting/Punching/Press Machine S/O/T, M/P	High school diploma or equivalent	26	0	2,010	33	12	0	0	220	0	17,350	180	57	76	4	11.82%	0.00%	11.59%	18.33%	21.05%	0.00%	0.00%
206	51-2022.00	Electrical and Electronic Equipment Assemblers	High school diploma or equivalent	20	2	1,470	66	10	0	0	102	0	8,250	449	79	20	2	19.61%	0.00%	17.82%	14.70%	12.66%	0.00%	0.00%
207	51-2031.00	Engine and Other Machine Assemblers	High school diploma or equivalent	10	0	500	1	1	0	0	79	0	3,950	6	5	10	1	12.66%	0.00%	12.66%	16.67%	20.00%	0.00%	0.00%
208	51-9041.00	Extrud/Form/Pressing/Compacting Mach. S/O/T	High school diploma or equivalent	20	1	520	3	2	0	0	201	0	5,620	19	12	57	3	9.95%	0.00%	9.25%	15.79%	16.67%	0.00%	0.00%
209	51-1011.00	FL Sup/Mgrs of Production/Operating Workers	High school diploma or equivalent	51	0	3,210	1,515	83	21	3	448	0	28,320	13,228	647	217	26	11.38%	0.00%	11.33%	11.45%	12.83%	9.68%	11.54%
210	51-9198.00	Helpers-Production Workers	Less Than High School	88	0	2,700	307	37	40	1	665	0	20,390	1,812	280	160	8	13.23%	0.00%	13.24%	16.94%	13.21%	25.00%	12.50%
211	51-9061.00	Inspectors, Testers, Sorters, Samplers, and Weighers	High school diploma or equivalent	73	3	2,790	94	29	0	0	621	0	24,710	1,139	237	18	4	11.76%	0.00%	11.29%	8.25%	12.24%	0.00%	0.00%
212	51-4041.00	Machinists	High school diploma or equivalent	171	42	4,450	204	40	41	2	1,150	304	29,270	1,586	217	633	20	14.87%	13.82%	15.20%	12.86%	18.43%	6.48%	10.00%
213	51-9111.00	Packaging and Filling Machine Operators/Tenders	High school diploma or equivalent	75	10	1,820	63	17	0	0	773	60	19,990	1,349	138	223	4	9.70%	16.67%	9.10%	4.67%	12.32%	0.00%	0.00%
214	51-9122.00	Painters, Transportation Equipment	High school diploma or equivalent	4	1	180	3	1	0	0	39	9	1,580	17	9	6	1	10.26%	11.11%	11.39%	17.65%	11.11%	0.00%	0.00%
215	51-9199.00	Production Workers, All Other	High school diploma or equivalent	17	0	840	37	17	8	1	310	42	13,070	388	125	867	14	5.48%	0.00%	6.43%	9.54%	13.60%	0.92%	7.14%
216	51-2092.00	Team Assemblers	High school diploma or equivalent	207	15	8,920	52	17	450	1	1,479	20	67,960	371	84	593	3	14.00%	75.00%	13.13%	14.02%	20.24%	75.89%	33.33%
217	51-4111.00	Tool and Die Makers	High school diploma or equivalent	0	0	0	124	16	3	1	55	0	11,080	380	94	59	8	0.00%	0.00%	0.00%	32.63%	17.02%	5.08%	12.50%
218	51-8031.00	Water/Liquid Waste Treatment Plant/System Op.	High school diploma or equivalent	14	2	480	3	2	0	0	128	18	4,310	71	18	2	1	10.94%	11.11%	11.14%	4.23%	11.11%	0.00%	0.00%
219	51-4121.00	Welders, Cutters, Solderers, and Brazers	High school diploma or equivalent	67	3	2,210	37	10	159	2	455	6	15,670	556	102	779	17	14.73%	50.00%	14.10%	6.65%	9.80%	20.41%	11.76%
Number of Occupations Dayton Region				956	103	36,090	2,713	341	862	12														

Sales and Related Occupations

Ref.	Ext. SOC	In-Demand Occupation - 9	Typical Education Required for Entry*	West Region					Statewide					West 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 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	19	4	1,290	260	31	0	0	231	73	13,760	4,406	333	0	0	8.23%	5.48%	9.38%	5.90%	9.31%	0.00%	0.00%
221	41-1011.00	First-Line Superv./Mgrs of Retail Sales Workers	High school diploma or equivalent	149	10	6,220	826	11	0	0	1,274	44	55,030	16,081	207	5	1	11.70%	22.73%	11.30%	5.14%	5.31%	0.00%	0.00%
222	41-3021.00	Insurance Sales Agents	High school diploma or equivalent	56	15	1,560	243	10	0	0	581	110	17,940	3,245	102	0	0	9.64%	13.64%	8.70%	7.49%	9.80%	0.00%	0.00%
223	41-2022.00	Parts Salespersons	Less Than High School	37	9	1,250	3	2	0	0	285	53	10,440	631	13	1	1	12.98%	16.98%	11.97%	0.48%	15.38%	0.00%	0.00%
224	41-9031.00	Sales Engineers	Bachelor's degree	9	1	310	114	22	6	3	91	13	3,030	2,806	192	43	11	9.89%	7.69%	10.23%	4.06%	11.46%	13.95%	27.27%
225	41-3099.00	Sales Representatives, Services, All Other	High school diploma or equivalent	80	20	2,800	419	18	0	0	850	224	29,380	7,974	233	63	11	9.41%	8.93%	9.53%	5.25%	7.73%	0.00%	0.00%
226	41-4012.00	Sales Rep., Wholesale/Mfg. ex. Tech./Sci. Prod.	High school diploma or equivalent	79	6	3,530	650	37	0	0	1,202	199	48,760	7,580	389	19	4	6.57%	3.02%	7.24%	8.58%	9.51%	0.00%	0.00%
227	41-4011.00	Sales Rep., Wholesale & Mfg. Tech./Sci. Prod.	Bachelor's degree	46	10	1,750	177	22	0	0	610	132	23,220	11,666	278	56	7	7.54%	7.58%	7.54%	1.52%	7.91%	0.00%	0.00%
228	41-3031.00	Securities/Commodities/Fin. Serv. Sales Agents	Bachelor's degree	16	5	660	201	9	0	0	272	79	11,200	13,650	142	500	2	5.88%	6.33%	5.89%	1.47%	6.34%	0.00%	0.00%
Number of Occupations Dayton Region				491	80	19,370	2,893	162	6	3														

Transportation and Material Moving Occupations

Ref.	Ext. SOC	In-Demand Occupation - 8	Typical Education Required for Entry*	West Region					Statewide					West 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 Employers	Forecast Data	Number of Employers Forecasted
229	53-6051.01	Aviation Inspectors*	High school diploma or equivalent	4	0	140	4	1	0	0	21	1	770	82	11	40	2	19.05%	0.00%	18.18%	4.88%	9.09%	0.00%	0.00%
230	53-3022.00	Bus Drivers, School or Special Client	High school diploma or equivalent	16	1	1,110	15	5	0	0	282	106	13,420	325	40	25	1	5.67%	0.94%	8.27%	4.62%	12.50%	0.00%	0.00%
231	53-2012.00	Commercial Pilots	High school diploma or equivalent	11	2	350	6	4	0	0	144	65	3,260	50	21	12	1	7.64%	3.08%	10.74%	12.00%	19.05%	0.00%	0.00%
232	53-1021.00	FL Sup/Mgrs of Help/Labor/Mat. Movers, Hand	High school diploma or equivalent	0	0	0	7	5	0	0	233	10	6,970	212	50	0	0	0.00%	0.00%	0.00%	3.30%	10.00%	0.00%	0.00%
233	53-1031.00	FL Sup/Mgr of Trans/Mat.-Mov. Mach & Veh Op	High school diploma or equivalent	31	2	910	244	41	0	1	292	19	8,510	5,922	364	5	1	10.62%	10.53%	10.69%	4.12%	11.26%	0.00%	100.00%
234	53-3032.00	Truck Drivers, Heavy and Tractor-Trailer	Certificate/Some college	193	40	9,000	990	30	109	2	1,597	353	73,110	16,734	228	1,873	14	12.09%	11.33%	12.31%	5.92%	13.16%	5.82%	14.29%
235	53-7051.00	Industrial Truck and Tractor Operators	Less Than High School	70	5	2,590	139	18	3	1	630	13	24,790	1,864	147	55	3	11.11%	38.46%	10.45%	7.46%	12.24%	5.45%	33.33%
236	53-3033.00	Truck Drivers, Light or Delivery Services	High school diploma or equivalent	63	4	3,490	116	15	0	0	624	56	33,410	6,001	177	406	4	10.10%	7.14%	10.45%	1.93%	8.47%	0.00%	0.00%
Number of Occupations Dayton Region				388	54	17,590	1,521	119	112	4														
Number of Occupations West Region				210	153	210	222	222	61	62														
Number of In-Demand Occupations				236	236	236	236	236	236	236														
Percentage of In-Demand West Region				88.98%	64.83%	88.98%	94.07%	94.07%	25.85%	26.27%														

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

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

**Typical on-the-job training needed to attain competency in the occupation (http://www.bls.gov/emp/ep_definitions_edtrain.pdf)

*The openings and growth numbers for this occupational category 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.