

## Southwest Regional Business Engagement Report

**August 2017**

### Architecture and Engineering Occupations

Ref. No.	In-Demand Occupation - 21	Typical Education Required for Entry <sup>1</sup>	Southwest Region						Statewide						Southwest Regional Percentage Share of Statewide Numbers									
			Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	
			1	Aerospace Engineering and Operations Technicians	Associate's degree	0	0	0	0	0	0	0	5	0	230	11	4	13	1	0	0.00%	0	0.00%	0.00%
2	Aerospace Engineers	Bachelor's degree	0	0	0	103	3	0	0	93	0	4,000	2,087	80	76	4	0	0.00%	0	4.94%	3.75%	0.00%	0.00%	
3	Architectural and Civil Drafters	Associate's degree	18	6	860	3	2	0	0	39	0	2,940	176	35	4	1	46.15%	0.00%	29.25%	1.70%	5.71%	0.00%	0.00%	
4	Biomedical Engineers	Bachelor's degree	0	0	0	28	3	0	0	20	6	530	276	29	20	2	0	0	10.14%	10.34%	0.00%	0.00%	0.00%	
5	Chemical Engineers	Bachelor's degree	14	5	390	7	3	16	3	39	5	1,470	706	103	112	14	35.90%	100.00%	26.53%	0.99%	2.91%	14.29%	21.43%	
6	Civil Engineering Technicians	Associate's degree	9	2	330	4	2	0	0	42	0	2,040	128	37	13	1	21.43%	0.00%	16.18%	3.13%	5.41%	0.00%	0.00%	
7	Civil Engineers	Bachelor's degree	74	39	1,450	35	8	0	0	291	117	7,160	946	125	34	1	25.43%	33.33%	20.25%	3.70%	6.40%	0.00%	0.00%	
8	Electrical and Electronic Engineering Technicians	Associate's degree	16	2	690	27	10	0	0	92	5	4,180	1,311	203	214	9	17.39%	40.00%	16.51%	2.06%	4.93%	0.00%	0.00%	
9	Electrical Engineers	Bachelor's degree	26	6	940	288	18	7	1	147	24	5,620	4,363	270	296	25	17.69%	25.00%	16.73%	6.60%	6.67%	2.36%	4.00%	
10	ElectroMechanical Technicians	Associate's degree	6	3	120	2	2	0	0	12	0	590	108	37	134	4	50.00%	0.00%	20.34%	1.85%	5.41%	0.00%	0.00%	
11	Electronics Engineers, Except Computer Engineers, All Other	Bachelor's degree	33	15	830	67	7	0	0	90	6	3,870	1,570	164	199	4	36.67%	250.00%	21.45%	4.27%	4.27%	0.00%	0.00%	
12	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	Bachelor's degree	24	8	890	40	17	0	0	120	0	6,540	1,156	217	17	4	20.00%	0.00%	13.61%	3.46%	7.83%	0.00%	0.00%	
13	Industrial Engineering Technicians	Associate's degree	12	2	480	58	18	0	0	63	10	750	1,766	240	8	4	0	0	0	6.85%	7.50%	0.00%	0.00%	
14	Industrial Engineers	Bachelor's degree	83	14	2,350	1,243	50	0	0	361	40	10,990	22,078	685	177	14	22.99%	35.00%	21.38%	5.63%	7.30%	0.00%	0.00%	
15	Manufacturing Engineers	Bachelor's degree	24	8	890	40	17	3	1	120	0	6,540	1,156	217	279	20	20.00%	0.00%	13.61%	3.46%	7.83%	1.08%	5.00%	
16	Manufacturing Production Technicians	Associate's degree	14	0	700	8	3	0	0	66	0	3,200	250	65	127	5	21.21%	0.00%	21.88%	3.20%	4.62%	0.00%	0.00%	
17	Materials Engineers	Bachelor's degree	7	1	180	37	6	0	0	43	0	1,380	1,064	114	120	5	16.28%	0.00%	13.04%	3.48%	5.26%	0.00%	0.00%	
18	Mechanical Drafters	Associate's degree	4	0	270	3	3	0	0	41	0	3,100	258	77	13	2	9.76%	0.00%	8.71%	1.16%	3.90%	0.00%	0.00%	
19	Mechanical Engineering Technicians	Bachelor's degree	12	4	380	5	1	3	1	69	9	2,880	176	54	178	3	17.39%	44.44%	13.19%	2.84%	1.85%	1.69%	33.33%	
20	Mechanical Engineers	Bachelor's degree	0	0	0	195	23	32	4	428	26	11,780	7,270	395	522	38	0	0	0	2.68%	5.82%	6.13%	10.53%	
<b>Number of Occupations Cincinnati Region</b>			<b>376</b>	<b>115</b>	<b>11,750</b>	<b>2,314</b>	<b>214</b>	<b>61</b>	<b>10</b>															

### Arts, Design, Entertainment, Sports, and Media Occupations

Ref. No.	In-Demand Occupation - 6	Typical Education Required for Entry <sup>1</sup>	Southwest Region						Statewide						Southwest Regional Percentage Share of Statewide Numbers									
			Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	
			22	Coaches and Scouts	High school diploma or equivalent	50	8	1,430	0	0	0	0	65	7	2,170	513	48	15	1	76.92%	114.29%	65.90%	0.00%	0.00%
23	Commercial and Industrial Designers	Bachelor's degree	0	0	0	0	0	0	0	429	138	9,810	67	7	0	0	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	
24	Graphic Designers	Bachelor's degree	67	21	1,760	97	10	0	0	356	92	9,960	1,715	167	0	0	18.82%	22.83%	17.67%	5.66%	5.99%	0.00%	0.00%	
25	Interpreters and Translators	Bachelor's degree	8	5	200	1	1	0	0	138	107	2,250	305	40	1	1	5.80%	4.67%	8.89%	0.33%	2.50%	0.00%	0.00%	
26	Public Relations Specialists	Bachelor's degree	23	10	920	186	16	0	0	186	83	7,530	2,900	292	1	1	12.37%	12.05%	12.22%	6.41%	5.48%	0.00%	0.00%	
27	Technical Writers	Bachelor's degree	10	2	250	28	6	0	0	48	12	1,160	817	131	0	0	20.83%	16.67%	21.55%	3.43%	4.58%	0.00%	0.00%	
<b>Number of Occupations Cincinnati Region</b>			<b>158</b>	<b>46</b>	<b>4,560</b>	<b>312</b>	<b>33</b>	<b>0</b>	<b>0</b>															

### Building & Grounds Cleaning and Maintenance Occupations

Ref. No.	In-Demand Occupation - 1	Typical Education Required for Entry <sup>1</sup>	Southwest Region						Statewide						Southwest Regional Percentage Share of Statewide Numbers									
			Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	
			28	FL Sup/Mgrs of Housekeeping & Janitorial Workers	High school diploma or equivalent	50	17	1,400	34	6	0	0	274	85	7,920	268	36	0	0	18.25%	20.00%	17.68%	12.69%	16.67%
<b>Number of Occupations Cincinnati Region</b>			<b>50</b>	<b>17</b>	<b>1,400</b>	<b>34</b>	<b>6</b>	<b>0</b>	<b>0</b>															

### Business and Financial Operations Occupations

Ref. No.	In-Demand Occupation - 18	Typical Education Required for Entry <sup>1</sup>	Southwest Region						Statewide						Southwest Regional Percentage Share of Statewide Numbers								
			Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)
			29	Accountants and Auditors	Bachelor's degree	271	69	6,840	1,409	40	42	6	1,546	354	40,290	25,787	641	187	20	17.53%	19.49%	16.98%	5.46%
30	Business Operations Specialists, All Other	High school diploma or equivalent	84	25	4,340	279	18	0	0	390	65	23,620	5,080	304	75	1	21.54%	38.46%	18.37%	5.49%	5.92%	0.00%	0.00%
31	Claims Adjusters, Examiners, and Investigators	High school diploma or equivalent	55	5	2,160	134	6	0	0	306	40	11,490	2,339	89	190	4	17.97%	12.50%	18.80%	5.73%	6.74%	0.00%	0.00%
32	Compliance Officers	Bachelor's degree	27	5	1,190	107	13	0	0	157	30	6,870	1,028	153	49	2	17.20%	16.67%	17.32%	10.41%	8.50%	0.00%	0.00%
33	Cost Estimators	Bachelor's degree	80	34	1,440	27	7	0	0	515	207	9,600	282	68	5	3	15.53%	16.43%	15.00%	9.57%	10.29%	0.00%	0.00%
34	Credit Analysts	Bachelor's degree	0	0	0	405	6	5	1	96	18	3,140	3,096	95	877	3	0	0	0	13.08%	6.32%	0.57%	33.33%
35	Financial Analysts	Bachelor's degree	0	0	0	490	25	0	0	286	82	8,390	6,724	310	623	11	0	0	0	7.29%	8.06%	0.00%	0.00%
36	Human Resources Specialists	Bachelor's degree	106	30	4,180	218	22	0	0	383	98	15,610	3,151	276	6	3	27.68%	30.61%	26.78%	6.92%	7.97%	0.00%	0.00%
37	Insurance Underwriters	Bachelor's degree	34	0	1,240	10	2	1	1	140	0	5,160	762	46	109	5	24.29%	0.00%	24.03%	13.31%	4.35%	16.51%	20.00%
38	Loan Officers	High school diploma or equivalent	54	16	2,060	3,556	7	36	2	271	65	11,270	26,596	63	498	8	19.93%	24.62%	18.28%	13.77%	11.11%	7.23%	25.00%
39	Logisticians	Bachelor's degree	32	20	1,030	79	10	0	0	179	110	5,950	2,234	220	26	2	17.88%	18.18%	17.31%	3.54%	4.55%	0.00%	0.00%
40	Management Analysts	Bachelor's degree	102	37	4,190	827	22	0	0	693	336	23,050	45,181	362	2	1	14.72%	11.01%	18.18%	1.83%	6.08%	0.00%	0.00%
41	Market Research Analysts and Marketing Specialists	Bachelor's degree	196	137	4,320	487	21	0	0	810	552	18,810	9,530	387	59	7	24.20%	24.82%	22.97%	5.11%	5.43%	0.00%	0.00%
42	Online Merchants*	High school diploma or equivalent	84	25	4,340	279	18	0	0	390	65	23,620	5,080	304	75	2	21.54%	38.46%	18.37%	5.49%	5.92%	0.00%	0.00%
43	Personal Financial Advisors	Bachelor's degree	0	0	0	332	7	6	1	0	0	0	3,728	59	81	2	0.00%	0.00%	0.00%	8.91%	11.86%	7.41%	50.00%
44	Purchasing Agents, Except Wholesale, Retail, and Farm Products	High school diploma or equivalent	40	5	1,960	182	17	35	1	225	0	12,430	4,239	439	47	5	17.78%	0.00%	15.77%	4.29%	3.87%	74.47%	20.00%
45	Training and Development Specialists	Bachelor's degree	38	14	1,300	378	22	0	0	238	94	7,870	4,607	322	10	1	15.97%	14.89%	16.52%	8.20%	6.83%	0.00%	0.00%
46	Wholesale and Retail Buyers, Except Farm Products	High school diploma or equivalent	28	7																			

53	Social and Human Service Assistants	High school diploma or equivalent	69	29	1,530	310	5	0	0	472	172	11,490	1,958	107	0	0	14.62%	16.86%	13.32%	15.83%	4.67%	0.00%	0.00%
Number of Occupations Cincinnati Region			282	123	7,070	795	31	53	3														

**Computer and Mathematical Occupations**

Ref. No.	In-Demand Occupation - 16	Typical Education Required for Entry <sup>1</sup>	Southwest Region						Statewide						Southwest Regional Percentage Share of Statewide Numbers								
			Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)
54	Actuaries	Bachelor's degree	5	2	110	0	0	25	1	55	26	1,010	249	21	57	3	9.09%	7.69%	10.89%	0.00%	0.00%	43.86%	33.33%
55	Computer Network Architects*	Bachelor's degree	10	0	660	121	11	0	0	117	49	4,310	1,563	162	9	1	8.55%	0.00%	15.31%	7.74%	6.79%	0.00%	0.00%
56	Computer Network Support Specialists	Bachelor's degree	18	0	1,130	21	7	120	1	132	22	7,010	193	53	127	3	13.64%	0.00%	16.12%	10.88%	13.21%	94.49%	33.33%
57	Computer Occupations, All Other	Bachelor's degree	21	1	1,260	1,261	28	60	3	135	7	8,180	36,033	471	765	21	15.56%	14.29%	15.40%	3.50%	5.94%	7.84%	14.29%
58	Computer Programmers	Bachelor's degree	45	0	1,710	294	16	50	1	252	9	9,300	7,084	347	333	8	17.86%	0.00%	18.39%	4.15%	4.61%	15.02%	12.50%
59	Computer Systems Analysts	Bachelor's degree	115	38	4,900	1,395	31	100	4	1,018	591	27,160	41,674	512	358	13	11.30%	6.43%	18.04%	3.35%	6.05%	27.93%	30.77%
60	Computer User Support Specialists	Certificate/Some College	73	24	3,120	869	37	3	1	629	334	18,750	16,389	562	264	6	11.61%	7.19%	16.64%	5.30%	6.58%	1.14%	16.67%
61	Database Administrators	Bachelor's degree	19	4	800	264	10	20	1	143	58	4,510	5,608	240	39	3	13.29%	6.90%	17.74%	4.71%	4.17%	51.28%	33.33%
62	Information Security Analysts*	Bachelor's degree	13	7	370	247	15	3	1	81	53	1,810	4,949	187	3	1	16.05%	13.21%	20.44%	4.99%	8.02%	100.00%	100.00%
63	Information Technology Project Managers*	Bachelor's degree	21	1	1,260	1,261	28	61	3	135	7	8,180	36,033	471	467	17	15.56%	14.29%	15.40%	3.50%	5.94%	13.06%	17.65%
64	Network and Computer Systems Administrators	Bachelor's degree	56	16	2,570	922	36	0	0	377	146	14,700	13,707	463	260	9	14.85%	10.96%	17.48%	6.73%	7.78%	0.00%	0.00%
65	Operations Research Analysts	Bachelor's degree	21	10	500	272	18	0	0	130	66	2,840	5,258	293	8	1	16.15%	15.15%	17.61%	5.17%	6.14%	0.00%	0.00%
66	Software Developers, Applications	Bachelor's degree	89	26	4,900	600	22	24	2	790	472	24,810	16,375	362	1,643	18	11.27%	5.51%	19.75%	3.66%	6.08%	1.46%	11.11%
67	Software Developers, Systems Software	Bachelor's degree	0	0	0	63	7	180	2	123	51	5,630	2,206	149	202	6	0	0	0	2.86%	4.70%	89.11%	33.33%
68	Statisticians	Master's degree	17	8	290	31	4	0	0	53	26	870	464	56	3	1	32.08%	30.77%	33.33%	6.68%	7.14%	0.00%	0.00%
69	Web Developers*	Bachelor's degree	23	8	960	509	18	77	3	147	81	4,230	12,283	316	391	12	15.65%	9.88%	22.70%	4.14%	5.70%	19.69%	25.00%
Number of Occupations Cincinnati Region			546	145	24,540	8,130	288	723	23														

**Construction and Extraction Occupations**

Ref. No.	In-Demand Occupation - 9	Typical Education Required for Entry <sup>1</sup>	Southwest Region						Statewide						Southwest Regional Percentage Share of Statewide Numbers								
			Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)
70	Brickmasons and Blockmasons	High school diploma or equivalent	27	20	640	0	0	0	0	115	76	3,650	3	2	0	0	23.48%	26.32%	17.53%	0.00%	0.00%	0.00%	0.00%
71	Carpenters	High school diploma or equivalent	153	90	5,150	7	2	0	0	869	527	27,780	139	34	1	1	17.61%	17.08%	18.54%	5.04%	5.88%	0.00%	0.00%
72	Construction Laborers	Less than high school	149	64	3,970	5	3	0	0	1,205	557	30,260	256	48	975	4	12.37%	11.49%	13.12%	1.95%	6.25%	0.00%	0.00%
73	Electricians	High school diploma or equivalent	136	76	3,180	51	9	28	3	746	343	21,390	857	154	342	16	18.23%	22.16%	14.87%	5.95%	5.84%	8.19%	18.75%
74	FirstLine Supervisors of Construction Trades and Extraction Workers	High school diploma or equivalent	62	39	2,140	30	10	5	1	353	217	12,640	494	122	95	4	17.56%	17.97%	16.93%	6.07%	8.20%	5.26%	25.00%
75	Operating Engineers and Other Construction Equipment Operators	High school diploma or equivalent	55	23	1,430	1	1	7	1	456	174	12,680	66	26	255	4	12.06%	13.22%	11.21%	1.52%	3.85%	2.75%	25.00%
76	Painters, Construction and Maintenance	Less than high school	38	21	1,110	0	0	0	0	287	154	8,800	54	20	0	0	13.24%	13.64%	12.61%	0.00%	0.00%	0.00%	0.00%
77	Plumbers, Pipefitters, and Steamfitters	High school diploma or equivalent	108	75	2,640	4	2	27	1	409	248	12,960	189	33	58	2	26.41%	30.24%	20.37%	2.12%	6.06%	46.55%	50.00%
78	Service Unit Operators, Oil, Gas, and Mining	Less than high school	0	0	0	1	1	0	0	19	6	310	33	11	1,307	1	0	0	0	3.03%	9.09%	0.00%	0.00%
Number of Occupations Cincinnati Region			728	408	20,260	99	28	67	6														

**Education, Training, and Library Occupations**

Ref. No.	In-Demand Occupation - 3	Typical Education Required for Entry <sup>1</sup>	Southwest Region						Statewide						Southwest Regional Percentage Share of Statewide Numbers								
			Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)
79	Art, Drama, and Music Teachers, Postsecondary	Doctoral or professional degree	13	3	680	0	0	0	0	158	84	4,930	39	1	0	0	8.23%	3.57%	13.79%	0.00%	0.00%	0.00%	0.00%
80	Nursing Instructors and Teachers, Postsecondary	Master's degree	19	12	480	24	2	0	0	179	127	3,490	396	30	0	0	10.61%	13.75%	13.75%	6.06%	6.67%	0.00%	0.00%
81	Self-Enrichment Education Teachers	High school diploma or equivalent	29	8	1,240	1	1	0	0	340	148	11,260	21	8	0	0	8.53%	5.41%	11.01%	4.76%	12.50%	0.00%	0.00%
Number of Occupations Cincinnati Region			61	23	2,400	25	3	0	0														

**Food Preparation and Serving Related Occupations**

Ref. No.	In-Demand Occupation - 1	Typical Education Required for Entry <sup>1</sup>	Southwest Region						Statewide						Southwest Regional Percentage Share of Statewide Numbers								
			Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)
82	FirstLine Supervisors of Food Preparation and Serving Workers	High school diploma or equivalent	209	67	5,020	94	12	300	1	1,341	397	33,460	3,769	96	600	2	15.59%	16.88%	15.00%	2.49%	12.50%	50.00%	50.00%
Number of Occupations Cincinnati Region			209	67	5,020	94	12	300	1														

**Healthcare Practitioners and Technical Occupations**

Ref. No.	In-Demand Occupation - 24	Typical Education Required for Entry <sup>1</sup>	Southwest Region						Statewide						Southwest Regional Percentage Share of Statewide Numbers								
			Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)
83	Dental Hygienists	Associate's degree	61	27	1,330	5	2	0	0	368	161	8,070	26	8	0	0	16.58%	16.77%	16.48%	19.23%	25.00%	0.00%	0.00%
84	Diagnostic Medical Sonographers	Associate's degree	18	14	300	111	6	0	0	127	93	2,380	1,526	52	0	0	14.17%	15.05%	12.61%	7.27%	11.54%	0.00%	0.00%
85	Emergency Medical Technicians and Paramedics	Certificate/Some College	45	19	970	62	4	0	0	450	188	9,590	1,168	50	6,650	1	10.00%	10.11%	10.11%	5.31%	8.00%	0.00%	0.00%
86	Family and General Practitioners	Doctoral or professional degree	20	7	520	302	5	0	0	158	42	4,620	2,271	55	35	1	12.66%	16.67%	11.26%	13.30%	9.09%	0.00%	0.00%
87	Health Technologists and Technicians, All Other	Certificate/Some College	26	18	780	78	4	0	0	152	100	5,250	1,363	50	0	0	17.11%	18.00%	14.86%	5.72%	8.00%	0.00%	0.00%
88	Licensed Practical and Licensed Vocational Nurses	Certificate/Some College	281	138	5,870	523	7	99	1	1,886	886	40,970	2,982	64	99	1	14.90%	15.58%	14.33%	17.54%	10.94%	100.00%	100.00%
89	Medical and Clinical Laboratory Technicians	Associate's degree	73	40	1,270	226	7	0	0	316	149	6,370	2,187	99	470	4	23.10%	26.85%	19.94%	10.33%	7.07%	0.00%	0.00%
90	Medical and Clinical Laboratory Technologists	Bachelor's degree	42	17	940	177	6	0	0	222	63	6,060	3,268	70	215	4	18.92%	26.98%	15.51%	5.42%	8.57%	0.00%	0.00%
91	Medical Records and Health Information Technicians	Certificate/Some College	67	29	1,440	430	8	0	0	336	129	7,840	5,107	113	65	2	19.94%	22.48%	18.37%	8.42%	7.08%	0.00%	0.00%
92	Nurse Practitioners*	Master's degree	33	21	640	169	7	0	0	180	103	3,970	2,306	58	642	6	18.33%	20.39%	16.12%	7.33%	12.07%	0.00%	0.00%
93	Occupational Health and Safety Specialists	Bachelor's degree	17	4	460	58	11	0	0	78	10	2,490	387	9	3	3	21.79%	40.00%	18.47%	14.99%	11.58%	0.00%	0.00%
94	Occupational Therapists	Master's degree	25	16	690	814	6	27	1	177	110	4,970	2,903	59	262	4	14.12%	14.55%	13.88%	28.04%	10.17%	10.31%	25.00%
95	Pharmacists	Doctoral or professional degree	63	24	1,650	533	8	74	2	420	142												

Ref. No.	In-Demand Occupation - 6	Typical Education Required for Entry <sup>1</sup>	Southwest Region						Statewide						Southwest Regional Percentage Share of Statewide Numbers								
			Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)
107	Dental Assistants	Certificate/Some College	49	19	1,450	36	2	0	0	323	122	9,710	243	19	6	1	15.17%	15.57%	14.93%	14.81%	10.53%	0.00%	0.00%
108	Medical Assistants	High school diploma or equivalent	167	92	3,940	690	7	0	0	892	463	22,510	7,197	72	845	3	18.72%	19.87%	17.50%	18.22%	9.72%	0.00%	0.00%
109	Nursing Aides, Orderlies, and Attendants (STNA)	Certificate/Some College	342	158	9,690	348	7	1,850	1	2,373	1,019	71,180	4,878	65	3,150	3	14.41%	15.51%	13.61%	14.11%	10.77%	58.73%	33.33%
110	Occupational Therapy Assistants	Associate's degree	32	20	480	526	5	0	0	145	85	2,390	1,439	45	10	1	22.07%	23.53%	20.08%	22.07%	11.11%	0.00%	0.00%
111	Phlebotomists (Healthcare Support Workers, All Other)	High school diploma or equivalent	30	18	640	62	4	0	0	189	99	4,740	1,293	41	350	1	15.87%	18.18%	13.50%	15.87%	9.76%	0.00%	0.00%
112	Physical Therapist Assistants	Associate's degree	48	29	840	356	6	0	0	270	156	5,130	1,581	50	0	0	17.78%	18.59%	16.37%	17.78%	12.00%	0.00%	0.00%
Number of Occupations Cincinnati Region			668	336	17,040	2,018	31	1,850	1														

**Installation, Maintenance, and Repair Occupations**

Ref. No.	In-Demand Occupation - 17	Typical Education Required for Entry <sup>1</sup>	Southwest Region						Statewide						Southwest Regional Percentage Share of Statewide Numbers								
			Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)
113	Aircraft Mechanics and Service Technicians	Certificate/Some College	3	0	110	4	1	120	1	82	17	2,410	145	30	182	3	3.66%	0	4.56%	3.66%	3.33%	65.93%	33.33%
114	Automotive Service Technicians and Mechanics	High school diploma or equivalent	125	29	3,780	4	4	0	0	805	158	25,590	2,773	93	3	1	15.53%	18.35%	14.77%	15.53%	4.30%	0.00%	0.00%
115	Avionics Technicians	Certificate/Some college	0	0	0	0	0	0	0	8	0	380	45	15	47	2	0	0	0	0.00%	0.00%	0.00%	0.00%
116	Bus and Truck Mechanics and Diesel Engine Specialists	High school diploma or equivalent	38	7	1,470	64	10	71	2	284	58	10,610	1,266	97	113	3	13.38%	12.07%	13.85%	13.38%	10.31%	62.83%	66.67%
117	Control and Valve Installers and Repairers, Except Mechanical Door	High school diploma or equivalent	4	0	130	0	0	0	0	47	0	1,390	10	4	7	2	8.51%	0.00%	9.35%	8.51%	0.00%	0.00%	0.00%
118	Electrical and Electronics Repairers, Commercial and Industrial Equipment	Certificate/Some College	11	3	400	3	2	0	0	42	0	2,080	197	55	33	4	26.19%	0.00%	19.23%	26.19%	3.64%	0.00%	0.00%
119	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	Certificate/Some College	0	0	0	0	0	0	0	21	0	1,030	0	0	4	1	0	0	0	0.00%	0.00%	0.00%	0.00%
120	Electrical PowerLine Installers and Repairers	High school diploma or equivalent	16	2	410	6	1	39	1	172	34	3,970	36	11	230	2	9.30%	5.88%	10.33%	9.30%	16.67%	9.09%	16.96%
121	FirstLine Supervisors of Mechanics, Installers, and Repairers	High school diploma or equivalent	74	18	2,080	279	29	0	0	527	101	15,760	3,670	406	10	3	14.04%	17.82%	13.20%	14.04%	7.60%	7.14%	0.00%
122	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	Certificate/Some College	98	52	1,830	8	3	0	0	412	182	9,090	462	58	65	2	23.79%	28.57%	20.13%	23.79%	1.73%	5.17%	0.00%
123	Industrial Machinery Mechanics	High school diploma or equivalent	111	39	2,510	30	11	0	0	701	257	15,370	1,042	247	71	5	15.83%	15.18%	16.33%	15.83%	2.88%	4.45%	0.00%
124	Maintenance and Repair Workers, General	High school diploma or equivalent	246	87	8,270	554	43	130	4	1,371	334	53,970	7,161	622	539	32	17.94%	26.05%	15.32%	17.94%	6.91%	24.12%	12.50%
125	Maintenance Workers, Machinery	High school diploma or equivalent	13	6	580	0	0	0	0	74	24	4,000	12	6	193	26	17.57%	25.00%	14.50%	17.57%	0.00%	0.00%	0.00%
126	Millwrights	High school diploma or equivalent	9	4	330	1	1	0	0	78	38	2,560	18	11	57	3	11.54%	10.53%	12.89%	11.54%	5.56%	9.09%	0.00%
127	Mobile Heavy Equipment Mechanics, Except Engines	High school diploma or equivalent	18	5	470	3	1	0	0	124	31	3,210	151	25	114	2	14.52%	16.13%	14.64%	14.52%	1.99%	4.00%	0.00%
128	Rail Car Repairers	High school diploma or equivalent	0	0	0	0	0	0	0	25	0	860	119	3	27	1	0	0	0	0.00%	0.00%	0.00%	0.00%
129	Telecommunications Equipment Installers and Repairers, Except Line Installers	Certificate/Some College	12	2	740	35	3	450	3	154	49	7,680	1,271	27	975	3	7.79%	4.08%	9.64%	7.79%	2.75%	11.11%	46.15%
Number of Occupations Cincinnati Region			778	254	23,110	991	109	810	11														

**Legal Occupations**

Ref. No.	In-Demand Occupation - 2	Typical Education Required for Entry <sup>1</sup>	Southwest Region						Statewide						Southwest Regional Percentage Share of Statewide Numbers								
			Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)
130	Lawyers	Doctoral or professional degree	111	43	4,240	278	12	0	0	571	232	21,160	2,018	154	4	1	19%	19%	20%	19%	8%	0%	0%
131	Paralegals and Legal Assistants	Associate's degree	42	22	1,260	49	7	0	0	244	126	7,280	641	116	0	0	17%	17%	17%	17%	8%	6%	0%
Number of Occupations Cincinnati Region			153	65	5,500	327	19	0	0														

**Life, Physical, and Social Science Occupations**

Ref. No.	In-Demand Occupation - 5	Typical Education Required for Entry <sup>1</sup>	Southwest Region						Statewide						Southwest Regional Percentage Share of Statewide Numbers								
			Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)
132	Chemists	Bachelor's degree	22	2	780	85	3	13	2	93	7	3,340	977	87	61	6	23.66%	28.57%	23.35%	23.66%	3.45%	21.31%	33.33%
133	Environmental Scientists and Specialists, Including Health	Bachelor's degree	17	6	370	71	6	6	1	100	24	2,560	641	81	29	3	17.00%	25.00%	14.45%	17.00%	7.41%	20.69%	33.33%
134	Food Scientists and Technologists	Bachelor's degree	7	1	170	42	4	5	1	23	2	640	603	48	19	2	30.43%	50.00%	26.56%	30.43%	8.33%	26.32%	50.00%
135	Life, Physical, and Social Science Technicians, All Other	Associate's degree	12	4	200	9	2	41	2	55	9	1,170	205	65	87	10	21.82%	44.44%	17.09%	21.82%	3.08%	47.13%	20.00%
136	Medical Scientists, Except Epidemiologists	Doctoral or professional degree	0	0	0	499	8	4	1	68	23	2,140	3,022	112	15	3	0	0	0	16.51%	7.14%	26.67%	33.33%
Number of Occupations Cincinnati Region			58	13	1,520	706	23	69	7														

**Management Occupations**

Ref. No.	In-Demand Occupation - 20	Typical Education Required for Entry <sup>1</sup>	Southwest Region						Statewide						Southwest Regional Percentage Share of Statewide Numbers								
			Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)
137	Administrative Services Managers	High school diploma or equivalent	43	15	1,720	26	5	0	0	245	90	9,520	429	114	0	0	17.55%	16.67%	18.07%	17.55%	6.06%	4.39%	0.00%
138	Architectural and Engineering Managers	Bachelor's degree	46	13	1,350	115	19	0	0	220	40	7,350	2,700	306	153	2	20.91%	32.50%	18.37%	20.91%	6.21%	0.00%	0.00%
139	Computer and Information Systems Managers	Bachelor's degree	39	11	2,030	383	22	11	4	319	161	11,380	11,607	314	101	8	12.23%	6.83%	17.84%	12.23%	3.20%	10.89%	50.00%
140	Construction Managers	Bachelor's degree	107	47	3,830	25	5	0	0	523	232	18,500	967	122	57	2	20.46%	20.26%	20.70%	20.46%	4.10%	0.00%	0.00%
141	Farmers, Ranchers, and Other Agricultural Managers	High school diploma or equivalent	66	0	4,110	1	1	0	0	1,219	0	75,510	66	12	0	0	5.41%	0.00%	5.44%	5.41%	1.52%	8.33%	0.00%
142	Financial Managers	Bachelor's degree	101	25	4,040	3,475	26	30	1	476	108	19,640	32,140	410	383	9	21.22%	23.15%	20.57%	21.22%	6.34%	7.83%	11.11%
143	Food Service Managers	High school diploma or equivalent	50	4	2,600	35	2	90	1	263	0	14,730	602	48	90	1	19.01%	0.00%	17.65%	19.01%	4.17%	100.00%	100.00%
144	General and Operations Managers	Associate's degree	259	93	8,870	1,179	26	32	3	1,526	461	56,910	14,497	445	367	9	16.97%	20.17%	15.59%	16.97%	5.84%	8.72%	33.33%
145	Human Resources Managers	Bachelor's degree	25	8	660	455	28	0	1	143	46	3,700	6,975	530	12	6	17.48%	17.39%	15.59%	17.48%	6.52%	5.28%	16.67%
146	Industrial Production Managers	Bachelor's degree	39	5	1,890	94	24	1	1	228	0	12,570	1,700	310	48	13	17.11%	0.00%	15.04%	17.11%	5.53%	7.74%	7.69%
147	Loss Prevention Managers*	High school diploma or equivalent	147	26	5,530	521	28	30	1	689	139	25,160	7,650	412	30	1	21.34%	18.71%	21.98%	21.34%	6.81%	6.80%	100.00%
148	Managers, All Other	High school diploma or equivalent	147	26	5,530	521	28	20	1	689	139	25,160	7,650	412	264	8	21.34%	18.71%	21.98%	21.34%	6.81%	6.80%	7.58%
149	Marketing Managers	Bachelor's degree	43	16	1,250	1,246	27	0	0	171	55	5,420	22,626	512	58	9	25.15%	29.09%	23.06%	25.15%	5.51%	5.27%	0.00%
150	Medical and Health Services Managers	Bachelor's degree	1																				

160	Customer Service Representatives	High school diploma or equivalent	85	23	2,200	574	12	180	2	735	262	16,800	5,569	204	186	3	11.56%	8.78%	13.10%	10.31%	5.88%	96.77%	66.67%
161	Executive Secretaries and Executive Administrative Assistants	High school diploma or equivalent	217	51	6,320	128	10	0	0	960	64	34,080	904	164	13	3	22.60%	79.69%	18.54%	14.16%	6.10%	0.00%	0.00%
162	FirstLine Supervisors of Office and Administrative Support Workers	High school diploma or equivalent	98	18	3,020	28	6	25	1	579	150	16,180	354	47	25	1	16.93%	12.00%	18.67%	7.91%	12.77%	100.00%	100.00%
163	Insurance Claims and Policy Processing Clerks	High school diploma or equivalent	69	17	2,080	128	26	0	0	442	93	13,980	2,087	365	8	3	15.61%	18.28%	14.88%	6.13%	7.12%	0.00%	0.00%
164	Medical Secretaries	High school diploma or equivalent	500	138	13,310	4,233	34	1,086	5	2,824	644	80,130	27,204	530	7,172	22	17.71%	21.43%	16.61%	15.56%	6.42%	15.14%	22.73%
165	Office Clerks, General	High school diploma or equivalent	163	36	4,710	72	5	0	0	883	171	26,470	697	104	9	1	18.46%	21.05%	17.79%	10.33%	4.81%	0.00%	0.00%
166	Order Clerks	High school diploma or equivalent	154	75	4,310	49	7	0	0	809	357	24,550	1,072	105	0	0	19.04%	21.01%	17.56%	4.57%	6.67%	0.00%	0.00%
167	Production, Planning, and Expediting Clerks	High school diploma or equivalent	238	72	7,020	4,787	28	0	0	1,413	384	43,370	23,739	533	0	0	16.84%	18.75%	16.19%	20.17%	5.25%	0.00%	0.00%
168	Receptionists and Information Clerks	High school diploma or equivalent	206	94	9,270	177	19	0	0	1,588	750	69,620	1,804	278	280	1	12.97%	12.53%	13.32%	9.81%	6.83%	0.00%	0.00%
169	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	High school diploma or equivalent	376	70	14,520	448	23	30	1	2,578	424	102,530	3,007	285	30	1	14.58%	16.51%	14.19%	14.90%	8.07%	100.00%	100.00%
170	Shipping, Receiving, and Traffic Clerks	High school diploma or equivalent	195	103	10,020	607	28	16	1	1,100	500	65,330	4,590	408	16	1	17.73%	20.60%	15.34%	13.22%	6.86%	100.00%	100.00%
171	Tellers	High school diploma or equivalent	248	179	5,710	382	7	0	0	1,515	1,047	38,860	6,576	83	0	0	16.37%	17.10%	14.69%	5.81%	8.43%	0.00%	0.00%
<b>Number of Occupations Cincinnati Region</b>			<b>2,860</b>	<b>936</b>	<b>93,470</b>	<b>16,211</b>	<b>247</b>	<b>1,517</b>	<b>12</b>														

**Production Occupations**

Ref. No.	In-Demand Occupation - 22	Typical Education Required for Entry <sup>1</sup>	Southwest Region							Statewide							Southwest Regional Percentage Share of Statewide Numbers						
			Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)
172	Assemblers and Fabricators, All Other	High school diploma or equivalent	36	14	1,410	5	3	110	1	524	183	21,560	202	59	185	5	6.87%	7.65%	6.54%	2.48%	5.08%	59.46%	20.00%
173	Chemical Equipment Operators and Tenders	High school diploma or equivalent	0	0	0	0	0	0	0	86	0	2,470	1	1	25	2	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
174	Chemical Plant and System Operators	High school diploma or equivalent	15	0	400	0	0	17	1	78	2	2,050	134	25	17	1	19.23%	0	19.51%	0.00%	0.00%	100.00%	100.00%
175	Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	High school diploma or equivalent	5	2	120	4	1	0	0	79	35	1,570	139	43	58	6	6.33%	5.71%	7.64%	2.88%	2.33%	0.00%	0.00%
176	Computer-Controlled Machine Tool Operators, Metal and Plastic	High school diploma or equivalent	59	25	1,230	7	4	0	0	511	179	11,860	912	127	373	8	11.55%	13.97%	10.37%	0.77%	3.15%	0.00%	0.00%
177	Engine and Other Machine Assemblers	High school diploma or equivalent	6	0	390	0	0	0	0	52	9	2,690	10	4	46	2	11.54%	0	14.50%	0.00%	0.00%	0.00%	0.00%
178	FirstLine Supervisors of Production and Operating Workers	Certificate/Some College	58	7	3,610	1,049	45	9	2	416	0	29,590	12,792	719	470	33	13.94%	0.00%	12.20%	8.20%	6.26%	1.91%	6.06%
179	Helpers/Production Workers	Less than high school	65	22	2,470	84	17	10	1	511	125	22,380	1,452	257	436	10	12.72%	17.60%	11.04%	5.79%	6.61%	2.29%	10.00%
180	Inspectors, Testers, Sorters, Samplers, and Weighers	High school diploma or equivalent	77	21	2,540	281	12	51	1	610	92	23,570	2,839	208	159	4	12.62%	22.83%	10.78%	20.17%	5.77%	32.08%	25.00%
181	Machinists	High school diploma or equivalent	154	52	4,430	28	8	78	2	937	261	29,520	1,720	227	333	18	16.44%	19.92%	15.01%	1.63%	3.52%	23.42%	11.11%
182	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	High school diploma or equivalent	6	0	510	9	3	0	0	133	0	10,990	277	68	110	7	4.51%	0.00%	4.64%	3.25%	4.41%	0.00%	0.00%
183	Packaging and Filling Machine Operators and Tenders	High school diploma or equivalent	98	28	2,960	52	3	0	0	397	0	16,830	882	92	65	1	24.69%	0.00%	17.59%	5.90%	3.26%	0.00%	0.00%
184	Petroleum Pump System Operators, Refinery Operators, and Gaugers	High school diploma or equivalent	0	0	0	0	0	0	0	56	0	1,500	20	8	35	1	0	0	0	0.00%	0.00%	0.00%	0.00%
185	Power Plant Operators	High school diploma or equivalent	16	0	530	11	1	0	0	56	0	1,810	36	14	10	1	28.57%	0.00%	29.28%	30.56%	7.14%	0.00%	0.00%
186	Prepress Technicians and Workers	Certificate/Some College	0	0	0	0	0	0	0	0	0	0	4	4	9	1	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
187	Production Workers, All Other	High school diploma or equivalent	35	5	1,130	11	4	78	1	258	20	9,130	246	82	1,075	17	13.57%	25.00%	12.38%	4.47%	4.88%	7.26%	5.88%
188	Sawing Mach. Setters/Operators/Tenders, Wood	High school diploma or equivalent	6	3	110	0	0	0	0	60	26	1,230	6	4	3	1	10.00%	11.54%	8.94%	0.00%	0.00%	0.00%	0.00%
189	Stationary Engineers and Boiler Operators	High school diploma or equivalent	6	1	180	5	2	4	1	41	3	1,250	180	45	25	3	14.63%	33.33%	14.40%	2.78%	4.44%	16.00%	33.33%
190	Team Assemblers	High school diploma or equivalent	134	56	4,930	15	7	0	0	1,435	410	64,850	355	64	75	1	9.34%	13.66%	7.60%	4.23%	10.94%	0.00%	0.00%
191	Tool and Die Makers	High school diploma or equivalent	7	3	580	3	2	0	0	87	25	10,290	270	74	163	14	8.05%	12.00%	5.64%	1.11%	2.70%	0.00%	0.00%
192	Welders, Cutters, Solderers, and Brazers	High school diploma or equivalent	51	15	1,470	16	5	7	1	399	61	13,760	579	107	781	17	12.78%	24.59%	10.68%	2.76%	4.67%	0.90%	5.88%
193	Welding/Soldering/Brazing Machine Setters, O/T	High school diploma or equivalent	34	18	650	1	1	0	0	249	121	5,210	29	15	0	0	13.65%	14.88%	12.48%	3.45%	6.67%	0.00%	0.00%
<b>Number of Occupations Cincinnati Region</b>			<b>868</b>	<b>272</b>	<b>29,650</b>	<b>1,581</b>	<b>118</b>	<b>364</b>	<b>11</b>														

**Protective Service**

Ref. No.	In-Demand Occupation - 1	Typical Education Required for Entry <sup>1</sup>	Southwest Region							Statewide							Southwest Regional Percentage Share of Statewide Numbers						
			Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)
194	FirstLine Supervisors of Protective Service Workers, All Other	High school diploma or equivalent	8	2	250	628	7	0	0	53	10	1,890	1,060	72	9	1	15.09%	20.00%	13.23%	59.25%	9.72%	0.00%	0.00%
<b>Number of Occupations Cincinnati Region</b>			<b>8</b>	<b>2</b>	<b>250</b>	<b>628</b>	<b>7</b>	<b>0</b>	<b>0</b>														

**Sales and Related Occupations**

Ref. No.	In-Demand Occupation - 9	Typical Education Required for Entry <sup>1</sup>	Southwest Region							Statewide							Southwest Regional Percentage Share of Statewide Numbers						
			Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)
195	FirstLine Supervisors of NonRetail Sales Workers	High school diploma or equivalent	33	1	2,540	445	17	0	0	170	0	13,300	4,951	301	1	1	19.41%	0.00%	19.10%	8.99%	5.65%	0.00%	0.00%
196	FirstLine Supervisors of Retail Sales Workers	High school diploma or equivalent	223	38	8,510	7,439	19	0	0	1,242	0	57,100	21,558	211	87	1	17.95%	0.00%	14.90%	34.51%	9.00%	0.00%	0.00%
197	Insurance Sales Agents	High school diploma or equivalent	97	28	2,920	474	7	1,434	2	620	188	18,390	5,542	91	1,434	2	15.65%	14.89%	15.88%	8.55%	7.69%	100.00%	100.00%
198	Parts Salespersons	Less than high school	0	0	0	0	0	0	0	303	50	10,000	444	13	0	0	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
199	Sales Engineers	Bachelor's degree	17	7	600	40	6	90	1	78	27	2,910	2,909	182	90	1	21.79%	25.93%	20.62%	1.38%	3.30%	100.00%	100.00%
200	Sales Representatives, Services, All Other	High school diploma or equivalent	246	88	5,780	288	14	0	0	1,104	374	26,720	7,047	222	127	4	22.28%	23.53%	21.63%	4.09%	6.31%	0.00%	0.00%
201	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	High school diploma or equivalent	239	67	8,810	1,264	24	25	1	1,386	405	50,350	11,402	387	31	2	17.24%	16.54%	17.50%	11.09%	6.20%	80.65%	50.00%
202	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	Bachelor's degree	130	46	4,320	45	8	37	3	695	244	23,130	8,759	250	105	9	18.71%	18.85%	18.68%	0.51%	3.20%	35.24%	33.33%
203	Securities, Commodities, and Financial Services Sales Agents	Bachelor's degree	0	0	0	5,479	9	0	0	378	70	13,150	36,157	154	272	3	0	0	0	15.15%	5.84%	0.00%	0.00%
<b>Number of Occupations Cincinnati Region</b>			<b>985</b>	<b>275</b>	<b>33,480</b>	<b>15,474</b>	<b>104</b>	<b>1,586</b>	<b>7</b>														

**Transportation and Material Moving Occupations**

Ref. No.	In-Demand Occupation - 7	Typical Education Required for Entry <sup>1</sup>	Southwest Region							Statewide							Southwest Regional Percentage Share of Statewide Numbers					
			Regional Annual Openings	Regional Growth Openings	2012 Regional Employment	Regional OMJ Trend Data	Number of Employers (OMJ)	Regional Forecast Data	Number of Employers (Forecast)	Regional Annual Openings	Regional Growth Openings	2012 Regional										