

**Pennsylvania  
Occupational Employment  
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth <sup>1/</sup>	Due to Replace. <sup>2/</sup>	Total <sup>3/</sup>
<b>00-0000</b>	<b>Total, All Occupations</b>	<b>6,046,560</b>	<b>6,514,500</b>	<b>7.7%</b>	<b>51,150</b>	<b>142,218</b>	<b>193,368</b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>274,220</b>	<b>289,410</b>	<b>5.5%</b>	<b>1,878</b>	<b>5,478</b>	<b>7,356</b>
<b>11-1000</b>	<b>Top Executives</b>	<b>79,320</b>	<b>85,090</b>	<b>7.3%</b>	<b>577</b>	<b>1,532</b>	<b>2,109</b>
11-1011	Chief Executives	15,020	15,400	2.5%	38	320	358
11-1021	General & Operations Managers	61,340	66,630	8.6%	530	1,148	1,678
11-1031	Legislators	2,960	3,050	3.0%	9	65	74
<b>11-2000</b>	<b>Advertising, Marketing, Promotions, Public Relations &amp; Sales Managers</b>	<b>19,690</b>	<b>21,270</b>	<b>8.0%</b>	<b>158</b>	<b>432</b>	<b>590</b>
11-2011	Advertising & Promotions Managers	960	990	3.1%	4	29	33
11-2021	Marketing Managers	5,710	6,450	13.0%	74	122	196
11-2022	Sales Managers	10,910	11,500	5.4%	59	234	293
11-2031	Public Relations & Fundraising Managers	2,120	2,320	9.4%	20	46	66
<b>11-3000</b>	<b>Operations Specialties Managers</b>	<b>54,180</b>	<b>58,720</b>	<b>8.4%</b>	<b>454</b>	<b>1,005</b>	<b>1,459</b>
11-3011	Administrative Services Managers	9,230	10,170	10.2%	94	150	244
11-3021	Computer & Information Systems Managers	9,160	10,520	14.8%	136	127	263
11-3031	Financial Managers	17,090	18,090	5.9%	100	320	420
11-3051	Industrial Production Managers	7,430	7,510	1.1%	8	135	143
11-3061	Purchasing Managers	2,560	2,710	5.9%	15	56	71
11-3071	Transportation, Storage & Distribution Managers	3,580	3,840	7.3%	26	82	108
11-3111	Compensation & Benefits Managers	990	1,040	5.1%	6	26	32
11-3121	Human Resources Managers	3,340	3,950	18.3%	61	88	149
11-3131	Training & Development Managers	800	890	11.2%	9	21	30
<b>11-9000</b>	<b>Other Management Occupations</b>	<b>121,030</b>	<b>124,330</b>	<b>2.7%</b>	<b>688</b>	<b>2,509</b>	<b>3,197</b>
11-9021	Construction Managers	9,950	10,950	10.1%	100	157	257
11-9031	Education Admin., Preschool & Childcare Center/Program	2,740	3,140	14.6%	40	73	113
11-9032	Education Administrators, Elementary & Secondary School	7,570	7,570	0.0%	1	201	202
11-9033	Education Administrators, Postsecondary	5,650	6,190	9.6%	53	150	203
11-9039	Education Administrators, Other	840	890	6.0%	5	22	27
11-9041	Architectural & Engineering Managers	5,710	6,230	9.1%	52	140	192
11-9051	Food Service Managers	8,150	8,210	0.7%	6	146	152
11-9061	Funeral Service Managers	570	630	10.5%	6	12	18
11-9081	Lodging Managers	1,260	1,260	0.0%	0	39	39
11-9111	Medical & Health Services Managers	15,520	17,930	15.5%	241	377	618
11-9121	Natural Sciences Managers	1,810	1,940	7.2%	13	38	51
11-9131	Postmasters & Mail Superintendents	1,390	1,060	-23.7%	0	30	30
11-9141	Property, Real Estate & Community Association Managers	3,430	3,650	6.4%	22	77	99

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11-9151	Social & Community Service Managers	6,260	7,020	12.1%	76	129	205
11-9161	Emergency Management Directors	480	520	8.3%	4	7	11
11-9199	Managers, Other	18,760	19,430	3.6%	67	410	477
<b>13-0000</b>	<b>Business &amp; Financial Operations Occupations</b>	<b>281,100</b>	<b>309,430</b>	<b>10.1%</b>	<b>2,884</b>	<b>5,958</b>	<b>8,842</b>
<b>13-1000</b>	<b>Business Operations Specialists</b>	<b>167,230</b>	<b>186,000</b>	<b>11.2%</b>	<b>1,885</b>	<b>3,016</b>	<b>4,901</b>
13-1021	Buyers & Purchasing Agents, Farm Products	560	590	5.4%	2	11	13
13-1022	Wholesale & Retail Buyers	5,480	5,830	6.4%	36	136	172
13-1023	Purchasing Agents	14,280	15,060	5.5%	78	258	336
13-1031	Claims Adjusters, Examiners & Investigators	13,400	13,820	3.1%	42	310	352
13-1032	Insurance Appraisers, Auto Damage	480	460	-4.2%	0	11	11
13-1041	Compliance Officers	10,040	10,550	5.1%	50	186	236
13-1051	Cost Estimators	10,740	12,650	17.8%	191	345	536
13-1071	Human Resources Specialists	17,480	18,860	7.9%	138	319	457
13-1075	Labor Relations Specialists	4,970	4,920	-1.0%	0	91	91
13-1081	Logisticians	5,070	6,360	25.4%	130	58	188
13-1111	Management Analysts	24,660	27,750	12.5%	309	382	691
13-1121	Meeting, Convention & Event Planners	2,840	3,660	28.9%	82	39	121
13-1131	Fundraisers	2,020	2,170	7.4%	15	40	55
13-1141	Compensation, Benefits & Job Analysis Specialists	4,550	4,740	4.2%	18	83	101
13-1151	Training & Development Specialists	10,520	11,820	12.4%	129	192	321
13-1161	Market Research Analysts & Marketing Specialists	21,960	28,060	27.8%	610	301	911
13-1199	Business Operations Specialists, Other	17,740	18,260	2.9%	52	243	295
<b>13-2000</b>	<b>Financial Specialists</b>	<b>113,870</b>	<b>123,430</b>	<b>8.4%</b>	<b>998</b>	<b>2,943</b>	<b>3,941</b>
13-2011	Accountants & Auditors	59,270	64,670	9.1%	540	1,754	2,294
13-2021	Appraisers & Assessors of Real Estate	1,980	2,010	1.5%	2	18	20
13-2031	Budget Analysts	2,190	2,350	7.3%	16	88	104
13-2041	Credit Analysts	1,950	2,110	8.2%	16	48	64
13-2051	Financial Analysts	11,430	12,840	12.3%	140	278	418
13-2052	Personal Financial Advisors	7,820	9,930	27.0%	211	126	337
13-2053	Insurance Underwriters	4,660	4,270	-8.4%	0	126	126
13-2061	Financial Examiners	1,460	1,590	8.9%	13	37	50
13-2071	Credit Counselors	1,090	1,210	11.0%	12	20	32
13-2072	Loan Officers	10,130	10,310	1.8%	18	185	203
13-2081	Tax Examiners, Collectors & Revenue Agents	4,340	4,300	-0.9%	0	149	149
13-2082	Tax Preparers	3,380	3,470	2.7%	8	69	77

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13-2099	Financial Specialists, Other	4,180	4,390	5.0%	20	44	64
<b>15-0000</b>	<b>Computer &amp; Mathematical Occupations</b>	<b>136,310</b>	<b>159,170</b>	<b>16.8%</b>	<b>2,285</b>	<b>2,262</b>	<b>4,547</b>
<b>15-1100</b>	<b>Computer Occupations</b>	<b>130,810</b>	<b>152,670</b>	<b>16.7%</b>	<b>2,185</b>	<b>2,114</b>	<b>4,299</b>
15-1111	Computer & Information Research Scientists	630	730	15.9%	10	10	20
15-1121	Computer Systems Analysts	21,550	26,980	25.2%	543	339	882
15-1122	Information Security Analysts	2,040	2,730	33.8%	69	32	101
15-1131	Computer Programmers	12,840	13,990	9.0%	115	335	450
15-1132	Software Developers, Applications	16,140	18,940	17.3%	281	207	488
15-1133	Software Developers, Systems Software	15,060	18,150	20.5%	309	193	502
15-1134	Web Developers	4,320	5,020	16.2%	70	68	138
15-1141	Database Administrators	4,720	5,390	14.2%	66	89	155
15-1142	Network & Computer Systems Administrators	16,980	18,880	11.2%	190	267	457
15-1143	Computer Network Architects	3,280	3,660	11.6%	38	52	90
15-1151	Computer User Support Specialists	21,670	25,850	19.3%	417	341	758
15-1152	Computer Network Support Specialists	5,680	6,280	10.6%	60	89	149
15-1199	Computer Occupations, Other	5,900	6,060	2.7%	16	93	109
<b>15-2000</b>	<b>Mathematical Scientists</b>	<b>5,500</b>	<b>6,500</b>	<b>18.2%</b>	<b>100</b>	<b>148</b>	<b>248</b>
15-2011	Actuaries	1,470	1,760	19.7%	29	42	71
15-2031	Operations Research Analysts	2,340	2,840	21.4%	50	53	103
15-2041	Statisticians	1,630	1,830	12.3%	20	52	72
<b>17-0000</b>	<b>Architecture &amp; Engineering Occupations</b>	<b>96,290</b>	<b>105,430</b>	<b>9.5%</b>	<b>933</b>	<b>2,281</b>	<b>3,214</b>
<b>17-1000</b>	<b>Architects, Surveyors &amp; Cartographers</b>	<b>6,000</b>	<b>6,650</b>	<b>10.8%</b>	<b>65</b>	<b>138</b>	<b>203</b>
17-1011	Architects	3,470	3,890	12.1%	42	82	124
17-1012	Landscape Architects	710	800	12.7%	8	17	25
17-1021	Cartographers & Photogrammetrists	250	290	16.0%	4	5	9
17-1022	Surveyors	1,570	1,680	7.0%	10	33	43
<b>17-2000</b>	<b>Engineers</b>	<b>64,010</b>	<b>71,780</b>	<b>12.1%</b>	<b>777</b>	<b>1,682</b>	<b>2,459</b>
17-2031	Biomedical Engineers	1,250	1,760	40.8%	51	32	83
17-2041	Chemical Engineers	1,740	1,920	10.3%	19	40	59
17-2051	Civil Engineers	13,600	16,180	19.0%	258	331	589
17-2061	Computer Hardware Engineers	2,410	2,760	14.5%	36	52	88
17-2071	Electrical Engineers	5,900	6,370	8.0%	47	129	176
17-2072	Electronics Engineers	5,070	5,440	7.3%	37	111	148
17-2081	Environmental Engineers	2,960	3,290	11.1%	34	72	106
17-2111	Health & Safety Engineers	1,410	1,610	14.2%	20	41	61

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17-2112	Industrial Engineers	10,670	11,930	11.8%	126	312	438
17-2131	Materials Engineers	980	1,050	7.1%	7	31	38
17-2141	Mechanical Engineers	11,120	12,110	8.9%	99	379	478
17-2151	Mining & Geological Engineers	340	360	5.9%	3	9	12
17-2161	Nuclear Engineers	1,270	1,280	0.8%	2	32	34
17-2171	Petroleum Engineers	430	520	20.9%	9	11	20
17-2199	Engineers, Other	2,730	2,820	3.3%	9	50	59
<b>17-3000</b>	<b>Drafters, Engineering &amp; Mapping Technicians</b>	<b>26,280</b>	<b>27,010</b>	<b>2.8%</b>	<b>91</b>	<b>461</b>	<b>552</b>
17-3011	Architectural & Civil Drafters	4,390	4,220	-3.9%	0	58	58
17-3012	Electrical & Electronics Drafters	1,570	1,640	4.5%	6	21	27
17-3013	Mechanical Drafters	4,500	4,550	1.1%	5	60	65
17-3019	Drafters, Other	210	240	14.3%	3	3	6
17-3022	Civil Engineering Technicians	2,110	2,170	2.8%	6	44	50
17-3023	Electrical & Electronic Engineering Technicians	5,140	5,260	2.3%	13	106	119
17-3024	Electro-Mechanical Technicians	640	630	-1.6%	0	13	13
17-3025	Environmental Engineering Technicians	1,150	1,310	13.9%	15	24	39
17-3026	Industrial Engineering Technicians	1,940	2,060	6.2%	12	40	52
17-3027	Mechanical Engineering Technicians	1,410	1,530	8.5%	12	29	41
17-3029	Engineering Technicians, Other	1,690	1,740	3.0%	5	35	40
17-3031	Surveying & Mapping Technicians	1,500	1,630	8.7%	13	27	40
<b>19-0000</b>	<b>Life, Physical &amp; Social Science Occupations</b>	<b>48,290</b>	<b>52,950</b>	<b>9.7%</b>	<b>467</b>	<b>1,335</b>	<b>1,802</b>
<b>19-1000</b>	<b>Life Scientists</b>	<b>9,710</b>	<b>10,670</b>	<b>9.9%</b>	<b>96</b>	<b>244</b>	<b>340</b>
19-1012	Food Scientists & Technologists	430	510	18.6%	8	14	22
19-1013	Soil & Plant Scientists	220	230	4.5%	1	7	8
19-1021	Biochemists & Biophysicists	1,470	1,670	13.6%	20	42	62
19-1022	Microbiologists	690	740	7.2%	6	20	26
19-1023	Zoologists & Wildlife Biologists	410	430	4.9%	2	12	14
19-1029	Biological Scientists, Other	460	480	4.3%	2	13	15
19-1031	Conservation Scientists	630	640	1.6%	1	18	19
19-1032	Foresters	440	470	6.8%	3	13	16
19-1041	Epidemiologists	150	160	6.7%	1	3	4
19-1042	Medical Scientists	4,640	5,160	11.2%	52	98	150
<b>19-2000</b>	<b>Physical Scientists</b>	<b>11,000</b>	<b>12,130</b>	<b>10.3%</b>	<b>114</b>	<b>296</b>	<b>410</b>
19-2012	Physicists	350	390	11.4%	4	8	12
19-2031	Chemists	5,190	5,620	8.3%	42	135	177

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19-2032	Materials Scientists	380	430	13.2%	4	10	14
19-2041	Environmental Scientists & Specialists	2,640	3,010	14.0%	36	78	114
19-2042	Geoscientists	1,350	1,530	13.3%	18	40	58
19-2043	Hydrologists	240	260	8.3%	2	7	9
19-2099	Physical Scientists, Other	680	740	8.8%	5	14	19
<b>19-3000</b>	<b>Social Scientists &amp; Related Workers</b>	<b>14,300</b>	<b>15,490</b>	<b>8.3%</b>	<b>121</b>	<b>369</b>	<b>490</b>
19-3011	Economists	640	700	9.4%	7	19	26
19-3022	Survey Researchers	2,990	3,410	14.0%	42	41	83
19-3031	Clinical, Counseling & School Psychologists	7,360	7,870	6.9%	51	200	251
19-3032	Industrial-Organizational Psychologists	60	80	33.3%	2	2	4
19-3039	Psychologists, Other	390	440	12.8%	5	11	16
19-3041	Sociologists	230	260	13.0%	3	6	9
19-3051	Urban & Regional Planners	1,640	1,700	3.7%	7	74	81
19-3091	Anthropologists & Archeologists	90	100	11.1%	1	2	3
19-3093	Historians	170	180	5.9%	1	3	4
19-3099	Social Scientists & Related Workers, Other	660	640	-3.0%	0	11	11
<b>19-4000</b>	<b>Life, Physical &amp; Social Science Technicians</b>	<b>13,280</b>	<b>14,650</b>	<b>10.3%</b>	<b>137</b>	<b>426</b>	<b>563</b>
19-4011	Agricultural & Food Science Technicians	600	630	5.0%	3	22	25
19-4021	Biological Technicians	4,060	4,540	11.8%	48	122	170
19-4031	Chemical Technicians	3,620	3,920	8.3%	30	89	119
19-4041	Geological & Petroleum Technicians	350	400	14.3%	5	12	17
19-4051	Nuclear Technicians	500	590	18.0%	9	18	27
19-4091	Environmental Science & Protection Technicians	1,400	1,640	17.1%	24	55	79
19-4093	Forest & Conservation Technicians	380	390	2.6%	1	15	16
19-4099	Life, Physical & Social Science Technicians, Other	1,940	2,080	7.2%	14	76	90
<b>21-0000</b>	<b>Community &amp; Social Services Occupations</b>	<b>141,350</b>	<b>157,590</b>	<b>11.5%</b>	<b>1,633</b>	<b>3,274</b>	<b>4,907</b>
<b>21-1000</b>	<b>Counselors, Social Workers &amp; Other Community &amp; Social Service Specialists</b>	<b>113,550</b>	<b>129,220</b>	<b>13.8%</b>	<b>1,576</b>	<b>2,577</b>	<b>4,153</b>
21-1011	Substance Abuse & Behavioral Disorder Counselors	8,730	10,530	20.6%	180	186	366
21-1012	Educational, Guidance, School & Vocational Counselors	11,050	11,660	5.5%	61	235	296
21-1013	Marriage & Family Therapists	1,260	1,500	19.0%	24	27	51
21-1014	Mental Health Counselors	14,970	17,890	19.5%	292	318	610
21-1015	Rehabilitation Counselors	7,140	8,160	14.3%	102	152	254
21-1019	Counselors, Other	1,190	1,280	7.6%	8	25	33
21-1021	Child, Family & School Social Workers	16,620	18,620	12.0%	200	352	552
21-1022	Healthcare Social Workers	7,850	9,660	23.1%	181	166	347

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21-1023	Mental Health & Substance Abuse Social Workers	9,820	11,440	16.5%	162	208	370
21-1029	Social Workers, Other	1,010	1,050	4.0%	4	21	25
21-1091	Health Educators	2,910	3,400	16.8%	50	76	126
21-1092	Probation Officers & Correctional Treatment Specialists	4,080	3,990	-2.2%	0	107	107
21-1093	Social & Human Service Assistants	24,000	26,870	12.0%	287	628	915
21-1094	Community Health Workers	1,340	1,520	13.4%	17	35	52
21-1099	Community & Social Service Specialists, Other	1,590	1,660	4.4%	7	42	49
<b>21-2000</b>	<b>Religious Workers</b>	<b>27,810</b>	<b>28,380</b>	<b>2.0%</b>	<b>57</b>	<b>697</b>	<b>754</b>
21-2011	Clergy	15,100	15,500	2.6%	40	309	349
21-2021	Directors, Religious Activities & Education	8,740	8,850	1.3%	12	297	309
21-2099	Religious Workers, Other	3,970	4,030	1.5%	6	91	97
<b>23-0000</b>	<b>Legal Occupations</b>	<b>48,030</b>	<b>53,540</b>	<b>11.5%</b>	<b>551</b>	<b>773</b>	<b>1,324</b>
<b>23-1000</b>	<b>Lawyers, Judges &amp; Related Workers</b>	<b>33,740</b>	<b>37,230</b>	<b>10.3%</b>	<b>349</b>	<b>540</b>	<b>889</b>
23-1011	Lawyers	31,260	34,700	11.0%	344	500	844
23-1012	Judicial Law Clerks	1,160	1,200	3.4%	3	19	22
23-1021	Administrative Law Judges, Adjudicators & Hearing Officers	790	800	1.3%	1	13	14
23-1022	Arbitrators, Mediators & Conciliators	190	200	5.3%	1	3	4
23-1023	Judges, Magistrate Judges & Magistrates	340	340	0.0%	0	5	5
<b>23-2000</b>	<b>Legal Support Workers</b>	<b>14,290</b>	<b>16,310</b>	<b>14.1%</b>	<b>202</b>	<b>232</b>	<b>434</b>
23-2011	Paralegals & Legal Assistants	9,070	10,740	18.4%	167	147	314
23-2091	Court Reporters	940	1,000	6.4%	7	15	22
23-2093	Title Examiners, Abstractors & Searchers	3,340	3,630	8.7%	28	54	82
23-2099	Legal Support Workers, Other	950	940	-1.1%	0	15	15
<b>25-0000</b>	<b>Education, Training &amp; Library Occupations</b>	<b>333,850</b>	<b>349,290</b>	<b>4.6%</b>	<b>1,615</b>	<b>7,031</b>	<b>8,646</b>
<b>25-1000</b>	<b>Postsecondary Teachers</b>	<b>67,110</b>	<b>73,110</b>	<b>8.9%</b>	<b>599</b>	<b>1,008</b>	<b>1,607</b>
25-1011	Business Teachers, Postsecondary	4,020	4,420	10.0%	40	60	100
25-1021	Computer Science Teachers, Postsecondary	1,690	1,820	7.7%	13	25	38
25-1022	Mathematical Science Teachers, Postsecondary	2,760	2,960	7.2%	20	42	62
25-1031	Architecture Teachers, Postsecondary	320	350	9.4%	2	5	7
25-1032	Engineering Teachers, Postsecondary	2,090	2,230	6.7%	14	31	45
25-1041	Agricultural Sciences Teachers, Postsecondary	520	540	3.8%	2	8	10
25-1042	Biological Science Teachers, Postsecondary	3,810	4,360	14.4%	55	57	112
25-1043	Forestry & Conservation Science Teachers, Postsecondary	180	190	5.6%	1	3	4
25-1051	Atmospheric, Earth, Marine & Space Sciences Teachers, Postsecondary	760	810	6.6%	6	11	17
25-1052	Chemistry Teachers, Postsecondary	1,390	1,510	8.6%	12	21	33

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25-1053	Environmental Science Teachers, Postsecondary	330	360	9.1%	3	5	8
25-1054	Physics Teachers, Postsecondary	870	950	9.2%	8	13	21
25-1061	Anthropology & Archeology Teachers, Postsecondary	380	410	7.9%	3	6	9
25-1062	Area, Ethnic & Cultural Studies Teachers, Postsecondary	430	470	9.3%	4	6	10
25-1063	Economics Teachers, Postsecondary	1,010	1,100	8.9%	9	15	24
25-1064	Geography Teachers, Postsecondary	310	330	6.5%	2	5	7
25-1065	Political Science Teachers, Postsecondary	1,120	1,230	9.8%	11	17	28
25-1066	Psychology Teachers, Postsecondary	2,210	2,410	9.0%	20	33	53
25-1067	Sociology Teachers, Postsecondary	1,290	1,390	7.8%	10	19	29
25-1069	Social Sciences Teachers, Postsecondary, Other	270	310	14.8%	3	4	7
25-1071	Health Specialties Teachers, Postsecondary	7,120	7,860	10.4%	74	107	181
25-1072	Nursing Instructors & Teachers, Postsecondary	3,110	3,330	7.1%	22	47	69
25-1081	Education Teachers, Postsecondary	3,640	3,980	9.3%	33	55	88
25-1082	Library Science Teachers, Postsecondary	290	310	6.9%	2	4	6
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	530	580	9.4%	5	8	13
25-1112	Law Teachers, Postsecondary	500	560	12.0%	6	8	14
25-1113	Social Work Teachers, Postsecondary	690	750	8.7%	6	10	16
25-1121	Art, Drama & Music Teachers, Postsecondary	3,730	4,120	10.5%	39	56	95
25-1122	Communications Teachers, Postsecondary	1,410	1,540	9.2%	13	21	34
25-1123	English Language & Literature Teachers, Postsecondary	4,470	4,800	7.4%	34	67	101
25-1124	Foreign Language & Literature Teachers, Postsecondary	1,640	1,790	9.1%	16	25	41
25-1125	History Teachers, Postsecondary	1,370	1,490	8.8%	12	21	33
25-1126	Philosophy & Religion Teachers, Postsecondary	1,470	1,690	15.0%	22	22	44
25-1191	Graduate Teaching Assistants	1,290	1,360	5.4%	7	19	26
25-1192	Home Economics Teachers, Postsecondary	280	290	3.6%	2	4	6
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	1,010	1,100	8.9%	9	15	24
25-1194	Vocational Education Teachers, Postsecondary	5,530	5,870	6.1%	34	83	117
25-1199	Postsecondary Teachers, Other	3,300	3,560	7.9%	26	50	76
<b>25-2000</b>	<b>Primary, Secondary &amp; Special Education School Teachers</b>	<b>167,710</b>	<b>173,390</b>	<b>3.4%</b>	<b>638</b>	<b>3,990</b>	<b>4,628</b>
25-2011	Preschool Teachers	13,920	15,870	14.0%	195	391	586
25-2012	Kindergarten Teachers	5,860	6,190	5.6%	34	164	198
25-2021	Elementary School Teachers	54,040	56,890	5.3%	285	1,189	1,474
25-2022	Middle School Teachers	20,300	21,530	6.1%	123	447	570
25-2023	Career/Technical Education Teachers, Middle School	430	420	-2.3%	0	9	9
25-2031	Secondary School Teachers	48,920	48,560	-0.7%	0	1,329	1,329

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25-2032	Career/Technical Education Teachers, Secondary School	4,600	4,530	-1.5%	0	125	125
25-2051	Special Education Teachers, Preschool	160	170	6.2%	1	3	4
25-2052	Special Education Teachers, Kindergarten & Elementary School	9,240	9,140	-1.1%	0	158	158
25-2053	Special Education Teachers, Middle School	3,350	3,300	-1.5%	0	57	57
25-2054	Special Education Teachers, Secondary School	6,810	6,700	-1.6%	0	116	116
25-2059	Special Education Teachers, Other	100	100	0.0%	0	2	2
<b>25-3000</b>	<b>Other Teachers &amp; Instructors</b>	<b>37,420</b>	<b>38,610</b>	<b>3.2%</b>	<b>119</b>	<b>639</b>	<b>758</b>
25-3011	Adult Basic & Secondary Education & Literacy Teachers	1,820	1,890	3.8%	7	31	38
25-3021	Self-Enrichment Education Teachers	12,140	12,890	6.2%	75	207	282
25-3098	Substitute Teachers	18,030	18,120	0.5%	9	308	317
25-3099	Teachers & Instructors, Other	5,440	5,710	5.0%	27	93	120
<b>25-4000</b>	<b>Librarians, Curators &amp; Archivists</b>	<b>10,090</b>	<b>10,730</b>	<b>6.3%</b>	<b>64</b>	<b>331</b>	<b>395</b>
25-4011	Archivists	310	360	16.1%	5	7	12
25-4012	Curators	430	490	14.0%	6	9	15
25-4013	Museum Technicians & Conservators	440	480	9.1%	5	10	15
25-4021	Librarians	5,600	5,780	3.2%	18	126	144
25-4031	Library Technicians	3,310	3,620	9.4%	30	179	209
<b>25-9000</b>	<b>Other Education, Training &amp; Library Occupations</b>	<b>51,520</b>	<b>53,460</b>	<b>3.8%</b>	<b>195</b>	<b>1,062</b>	<b>1,257</b>
25-9011	Audio-Visual & Multimedia Collections Specialists	200	190	-5.0%	0	2	2
25-9021	Farm & Home Management Advisors	1,250	1,310	4.8%	6	11	17
25-9031	Instructional Coordinators	4,920	5,390	9.6%	47	42	89
25-9041	Teacher Assistants	44,000	45,360	3.1%	136	998	1,134
25-9099	Education, Training & Library Workers, Other	1,160	1,210	4.3%	5	10	15
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports &amp; Media Occupations</b>	<b>89,130</b>	<b>93,070</b>	<b>4.4%</b>	<b>473</b>	<b>2,063</b>	<b>2,536</b>
<b>27-1000</b>	<b>Art &amp; Design Workers</b>	<b>24,670</b>	<b>25,090</b>	<b>1.7%</b>	<b>91</b>	<b>641</b>	<b>732</b>
27-1011	Art Directors	1,950	1,950	0.0%	1	46	47
27-1012	Craft Artists	470	470	0.0%	0	11	11
27-1013	Fine Artists	600	610	1.7%	1	14	15
27-1014	Multimedia Artists & Animators	1,010	1,070	5.9%	6	24	30
27-1019	Artists & Related Workers, Other	260	250	-3.8%	0	6	6
27-1021	Commercial & Industrial Designers	2,450	2,550	4.1%	10	65	75
27-1022	Fashion Designers	270	260	-3.7%	0	7	7
27-1023	Floral Designers	3,070	2,610	-15.0%	0	81	81
27-1024	Graphic Designers	10,690	11,150	4.3%	46	283	329
27-1025	Interior Designers	1,460	1,620	11.0%	17	38	55

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27-1026	Merchandise Displayers & Window Trimmers	2,140	2,220	3.7%	8	56	64
27-1027	Set & Exhibit Designers	220	240	9.1%	1	6	7
27-1029	Designers, Other	90	100	11.1%	1	2	3
<b>27-2000</b>	<b>Entertainers &amp; Performers, Sports &amp; Related Workers</b>	<b>25,410</b>	<b>26,700</b>	<b>5.1%</b>	<b>135</b>	<b>732</b>	<b>867</b>
27-2011	Actors	1,920	2,110	9.9%	19	62	81
27-2012	Producers & Directors	2,940	3,120	6.1%	17	100	117
27-2021	Athletes & Sports Competitors	960	1,020	6.2%	6	28	34
27-2022	Coaches & Scouts	9,410	10,170	8.1%	76	279	355
27-2023	Umpires, Referees & Other Sports Officials	450	480	6.7%	3	13	16
27-2031	Dancers	460	500	8.7%	3	13	16
27-2041	Music Directors & Composers	3,450	3,390	-1.7%	0	93	93
27-2042	Musicians & Singers	4,610	4,630	0.4%	2	124	126
<b>27-3000</b>	<b>Media &amp; Communication Workers</b>	<b>27,850</b>	<b>29,420</b>	<b>5.6%</b>	<b>180</b>	<b>546</b>	<b>726</b>
27-3011	Radio & Television Announcers	1,850	1,840	-0.5%	0	38	38
27-3012	Public Address System & Other Announcers	230	240	4.3%	1	5	6
27-3021	Broadcast News Analysts	150	160	6.7%	1	5	6
27-3022	Reporters & Correspondents	1,920	1,690	-12.0%	0	65	65
27-3031	Public Relations Specialists	11,350	12,230	7.8%	88	156	244
27-3041	Editors	4,010	4,030	0.5%	2	98	100
27-3042	Technical Writers	1,790	2,000	11.7%	21	55	76
27-3043	Writers & Authors	4,320	4,310	-0.2%	0	94	94
27-3091	Interpreters & Translators	1,720	2,360	37.2%	64	24	88
27-3099	Media & Communication Workers, Other	520	550	5.8%	3	7	10
<b>27-4000</b>	<b>Media &amp; Communication Equipment Workers</b>	<b>11,200</b>	<b>11,860</b>	<b>5.9%</b>	<b>66</b>	<b>144</b>	<b>210</b>
27-4011	Audio & Video Equipment Technicians	2,570	2,930	14.0%	36	46	82
27-4012	Broadcast Technicians	780	800	2.6%	2	14	16
27-4021	Photographers	5,710	5,920	3.7%	22	60	82
27-4031	Camera Operators: TV, Video & Motion Picture	720	760	5.6%	4	6	10
27-4032	Film & Video Editors	510	520	2.0%	1	4	5
27-4099	Media & Communication Equipment Workers, Other	440	460	4.5%	1	6	7
<b>29-0000</b>	<b>Healthcare Practitioners &amp; Technical Occupations</b>	<b>361,300</b>	<b>420,790</b>	<b>16.5%</b>	<b>5,950</b>	<b>7,460</b>	<b>13,410</b>
<b>29-1000</b>	<b>Health Diagnosing &amp; Treating Practitioners</b>	<b>224,470</b>	<b>260,550</b>	<b>16.1%</b>	<b>3,608</b>	<b>4,584</b>	<b>8,192</b>
29-1011	Chiropractors	1,750	1,990	13.7%	24	34	58
29-1021	Dentists, General	4,350	4,520	3.9%	16	106	122
29-1023	Orthodontists	110	120	9.1%	1	3	4

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29-1029	Dentists, Other Specialists	170	170	0.0%	0	4	4
29-1031	Dietitians & Nutritionists	3,950	4,460	12.9%	51	47	98
29-1041	Optometrists	1,420	1,700	19.7%	28	41	69
29-1051	Pharmacists	12,460	13,720	10.1%	125	298	423
29-1061	Anesthesiologists	1,750	1,930	10.3%	18	44	62
29-1062	Family & General Practitioners	6,790	7,040	3.7%	25	170	195
29-1063	Internists, General	1,260	1,310	4.0%	5	32	37
29-1064	Obstetricians & Gynecologists	290	300	3.4%	0	7	7
29-1065	Pediatricians, General	340	350	2.9%	1	9	10
29-1066	Psychiatrists	1,290	1,440	11.6%	14	32	46
29-1067	Surgeons	1,840	2,040	10.9%	19	46	65
29-1069	Physicians & Surgeons, Other	16,210	17,890	10.4%	168	406	574
29-1071	Physician Assistants	4,840	5,430	12.2%	58	87	145
29-1081	Podiatrists	500	600	20.0%	10	10	20
29-1122	Occupational Therapists	5,820	6,930	19.1%	111	79	190
29-1123	Physical Therapists	10,090	12,110	20.0%	202	248	450
29-1124	Radiation Therapists	690	790	14.5%	10	14	24
29-1125	Recreational Therapists	1,560	1,770	13.5%	21	32	53
29-1126	Respiratory Therapists	5,180	6,190	19.5%	102	75	177
29-1127	Speech-Language Pathologists	4,290	5,140	19.8%	85	65	150
29-1128	Exercise Physiologists	230	260	13.0%	3	3	6
29-1129	Therapists, Other	540	680	25.9%	14	6	20
29-1131	Veterinarians	2,480	2,780	12.1%	29	80	109
29-1141	Registered Nurses	126,870	150,260	18.4%	2,340	2,460	4,800
29-1151	Nurse Anesthetists	2,060	2,300	11.7%	24	40	64
29-1171	Nurse Practitioners	3,520	4,370	24.1%	85	68	153
29-1181	Audiologists	530	660	24.5%	13	11	24
29-1199	Health Diagnosing & Treating Practitioners, Other	1,120	1,150	2.7%	3	23	26
<b>29-2000</b>	<b>Health Technologists &amp; Technicians</b>	<b>131,220</b>	<b>153,970</b>	<b>17.3%</b>	<b>2,275</b>	<b>2,724</b>	<b>4,999</b>
29-2011	Medical & Clinical Laboratory Technologists	8,210	8,660	5.5%	45	215	260
29-2012	Medical & Clinical Laboratory Technicians	8,990	9,660	7.5%	67	236	303
29-2021	Dental Hygienists	8,470	9,800	15.7%	133	217	350
29-2031	Cardiovascular Technologists & Technicians	2,820	3,590	27.3%	77	40	117
29-2032	Diagnostic Medical Sonographers	2,640	3,600	36.4%	96	37	133
29-2033	Nuclear Medicine Technologists	1,100	1,270	15.5%	17	16	33

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29-2034	Radiologic Technologists	9,710	11,290	16.3%	158	137	295
29-2035	Magnetic Resonance Imaging Technologists	1,110	1,300	17.1%	18	16	34
29-2041	Emergency Medical Technicians & Paramedics	13,820	16,880	22.1%	306	377	683
29-2051	Dietetic Technicians	950	1,130	18.9%	17	9	26
29-2052	Pharmacy Technicians	14,230	16,000	12.4%	176	141	317
29-2053	Psychiatric Technicians	1,610	1,740	8.1%	13	16	29
29-2054	Respiratory Therapy Technicians	800	940	17.5%	14	8	22
29-2055	Surgical Technologists	3,290	4,140	25.8%	85	33	118
29-2056	Veterinary Technologists & Technicians	3,690	4,380	18.7%	69	36	105
29-2057	Ophthalmic Medical Technicians	780	890	14.1%	11	8	19
29-2061	Licensed Practical & Licensed Vocational Nurses	36,100	43,440	20.3%	734	881	1,615
29-2071	Medical Records & Health Information Technicians	7,500	8,890	18.5%	139	198	337
29-2081	Opticians, Dispensing	2,690	3,130	16.4%	43	78	121
29-2099	Health Technologists & Technicians, Other	2,280	2,750	20.6%	47	23	70
<b>29-9000</b>	<b>Other Healthcare Practitioners &amp; Technical Occupations</b>	<b>5,610</b>	<b>6,270</b>	<b>11.8%</b>	<b>66</b>	<b>153</b>	<b>219</b>
29-9011	Occupational Health & Safety Specialists	2,210	2,340	5.9%	13	60	73
29-9012	Occupational Health & Safety Technicians	510	540	5.9%	4	14	18
29-9091	Athletic Trainers	900	1,110	23.3%	22	24	46
29-9092	Genetic Counselors	50	60	20.0%	2	1	3
29-9099	Healthcare Practitioners & Technical Workers, Other	1,950	2,210	13.3%	26	53	79
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>204,580</b>	<b>243,110</b>	<b>18.8%</b>	<b>3,858</b>	<b>3,926</b>	<b>7,784</b>
<b>31-1000</b>	<b>Nursing, Psychiatric &amp; Home Health Aides</b>	<b>138,990</b>	<b>167,450</b>	<b>20.5%</b>	<b>2,846</b>	<b>2,643</b>	<b>5,489</b>
31-1011	Home Health Aides	59,950	80,390	34.1%	2,044	1,140	3,184
31-1013	Psychiatric Aides	2,820	2,960	5.0%	14	54	68
31-1014	Nursing Assistants	73,840	81,390	10.2%	756	1,404	2,160
31-1015	Orderlies	2,390	2,710	13.4%	33	45	78
<b>31-2000</b>	<b>Occupational &amp; Physical Therapist Assistants &amp; Aides</b>	<b>9,350</b>	<b>12,190</b>	<b>30.4%</b>	<b>284</b>	<b>216</b>	<b>500</b>
31-2011	Occupational Therapy Assistants	2,370	3,010	27.0%	64	59	123
31-2012	Occupational Therapy Aides	480	630	31.2%	15	12	27
31-2021	Physical Therapist Assistants	4,210	5,370	27.6%	116	93	209
31-2022	Physical Therapist Aides	2,300	3,190	38.7%	89	51	140
<b>31-9000</b>	<b>Other Healthcare Support Occupations</b>	<b>56,250</b>	<b>63,470</b>	<b>12.8%</b>	<b>728</b>	<b>1,067</b>	<b>1,795</b>
31-9011	Massage Therapists	3,070	3,700	20.5%	63	32	95
31-9091	Dental Assistants	12,160	13,220	8.7%	105	252	357
31-9092	Medical Assistants	22,490	26,390	17.3%	390	429	819

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31-9093	Medical Equipment Preparers	1,820	2,130	17.0%	31	35	66
31-9094	Medical Transcriptionists	4,930	4,870	-1.2%	0	94	94
31-9095	Pharmacy Aides	2,190	2,330	6.4%	14	42	56
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	2,790	2,860	2.5%	7	53	60
31-9097	Phlebotomists	4,840	5,760	19.0%	92	92	184
31-9099	Healthcare Support Workers, Other	1,960	2,210	12.8%	25	37	62
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>122,790</b>	<b>130,920</b>	<b>6.6%</b>	<b>815</b>	<b>3,162</b>	<b>3,977</b>
<b>33-1000</b>	<b>Supervisors - Protective Service Workers</b>	<b>6,800</b>	<b>7,030</b>	<b>3.4%</b>	<b>22</b>	<b>200</b>	<b>222</b>
33-1011	Supervisors - Correctional Officers	440	450	2.3%	1	15	16
33-1012	Supervisors - Police & Detectives	4,040	4,130	2.2%	8	120	128
33-1021	Supervisors - Fire Fighting & Prevention	640	660	3.1%	2	27	29
33-1099	Supervisors - Protective Service Workers, Other	1,680	1,790	6.5%	12	38	50
<b>33-2000</b>	<b>Fire Fighting &amp; Prevention Workers</b>	<b>5,020</b>	<b>5,160</b>	<b>2.8%</b>	<b>14</b>	<b>138</b>	<b>152</b>
33-2011	Firefighters	4,730	4,860	2.7%	13	129	142
<b>33-3000</b>	<b>Law Enforcement Workers</b>	<b>49,950</b>	<b>51,300</b>	<b>2.7%</b>	<b>137</b>	<b>1,449</b>	<b>1,586</b>
33-3011	Bailiffs	290	300	3.4%	1	8	9
33-3012	Correctional Officers & Jailers	17,270	17,670	2.3%	41	459	500
33-3021	Detectives & Criminal Investigators	3,270	3,400	4.0%	13	72	85
33-3041	Parking Enforcement Workers	290	270	-6.9%	0	8	8
33-3051	Police & Sheriff's Patrol Officers	27,940	28,750	2.9%	81	876	957
<b>33-9000</b>	<b>Other Protective Service Workers</b>	<b>61,020</b>	<b>67,440</b>	<b>10.5%</b>	<b>642</b>	<b>1,376</b>	<b>2,018</b>
33-9011	Animal Control Workers	270	290	7.4%	2	6	8
33-9021	Private Detectives & Investigators	2,530	2,810	11.1%	28	71	99
33-9031	Gaming Surveillance Officers & Gaming Investigators	800	820	2.5%	2	12	14
33-9032	Security Guards	41,890	47,140	12.5%	525	642	1,167
33-9091	Crossing Guards	6,520	6,650	2.0%	13	99	112
33-9092	Lifeguards, Ski Patrol & Other Recreational Protective Service	5,260	5,670	7.8%	41	360	401
33-9093	Transportation Security Screeners	1,580	1,780	12.7%	21	36	57
33-9099	Protective Service Workers, Other	2,190	2,270	3.7%	9	150	159
<b>35-0000</b>	<b>Food Preparation &amp; Serving Related Occupations</b>	<b>474,280</b>	<b>514,370</b>	<b>8.5%</b>	<b>4,030</b>	<b>17,807</b>	<b>21,837</b>
<b>35-1000</b>	<b>Supervisors, Food Preparation &amp; Serving Workers</b>	<b>34,600</b>	<b>38,130</b>	<b>10.2%</b>	<b>354</b>	<b>912</b>	<b>1,266</b>
35-1011	Chefs & Head Cooks	5,300	5,490	3.6%	18	86	104
35-1012	Supervisors - Food Preparation & Serving Workers	29,290	32,650	11.5%	335	826	1,161
<b>35-2000</b>	<b>Cooks &amp; Food Preparation Workers</b>	<b>110,440</b>	<b>117,560</b>	<b>6.4%</b>	<b>722</b>	<b>2,534</b>	<b>3,256</b>
35-2011	Cooks, Fast Food	10,090	10,020	-0.7%	0	199	199

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35-2012	Cooks, Institution & Cafeteria	20,310	22,320	9.9%	201	401	602
35-2014	Cooks, Restaurant	33,570	37,950	13.0%	438	662	1,100
35-2015	Cooks, Short Order	6,200	6,190	-0.2%	0	122	122
35-2021	Food Preparation Workers	39,810	40,660	2.1%	84	1,141	1,225
<b>35-3000</b>	<b>Food &amp; Beverage Serving Workers</b>	<b>274,920</b>	<b>301,290</b>	<b>9.6%</b>	<b>2,646</b>	<b>11,517</b>	<b>14,163</b>
35-3011	Bartenders	31,210	33,830	8.4%	262	1,154	1,416
35-3021	Combined Food Preparation & Serving Workers	127,050	143,490	12.9%	1,643	4,851	6,494
35-3022	Counter Attendants, Cafeteria, Food Concession & Coffee Shop	12,680	12,580	-0.8%	0	773	773
35-3031	Waiters & Waitresses	89,990	94,250	4.7%	426	4,330	4,756
35-3041	Food Servers, Nonrestaurant	14,000	17,140	22.4%	315	409	724
<b>35-9000</b>	<b>Other Food Preparation &amp; Serving Related Workers</b>	<b>54,320</b>	<b>57,400</b>	<b>5.7%</b>	<b>308</b>	<b>2,843</b>	<b>3,151</b>
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	15,430	16,390	6.2%	95	676	771
35-9021	Dishwashers	23,950	25,290	5.6%	134	1,054	1,188
35-9031	Hosts & Hostesses: Restaurant, Lounge & Coffee Shop	14,430	15,170	5.1%	74	1,085	1,159
35-9099	Food Preparation & Serving Related Workers, Other	510	550	7.8%	4	27	31
<b>37-0000</b>	<b>Building &amp; Grounds Cleaning &amp; Maintenance Occupations</b>	<b>215,180</b>	<b>233,690</b>	<b>8.6%</b>	<b>1,851</b>	<b>4,414</b>	<b>6,265</b>
<b>37-1000</b>	<b>Supervisors of Building &amp; Grounds Cleaning &amp; Maintenance Workers</b>	<b>14,380</b>	<b>15,690</b>	<b>9.1%</b>	<b>130</b>	<b>271</b>	<b>401</b>
37-1011	Supervisors - Housekeeping & Janitorial Workers	8,570	9,310	8.6%	75	205	280
37-1012	Supervisors - Landscaping & Groundskeeping Workers	5,820	6,370	9.5%	56	66	122
<b>37-2000</b>	<b>Building Cleaning &amp; Pest Control Workers</b>	<b>154,380</b>	<b>167,420</b>	<b>8.4%</b>	<b>1,304</b>	<b>2,973</b>	<b>4,277</b>
37-2011	Janitors & Cleaners	96,980	104,140	7.4%	716	1,825	2,541
37-2012	Maids & Housekeeping Cleaners	55,170	60,760	10.1%	559	1,093	1,652
37-2019	Building Cleaning Workers, Other	680	750	10.3%	7	13	20
37-2021	Pest Control Workers	1,550	1,770	14.2%	22	42	64
<b>37-3000</b>	<b>Grounds Maintenance Workers</b>	<b>46,420</b>	<b>50,580</b>	<b>9.0%</b>	<b>416</b>	<b>1,170</b>	<b>1,586</b>
37-3011	Landscaping & Groundskeeping Workers	43,610	47,410	8.7%	380	1,099	1,479
37-3012	Pesticide Handlers, Sprayers & Applicators, Vegetation	980	1,060	8.2%	9	25	34
37-3013	Tree Trimmers & Pruners	1,690	1,960	16.0%	26	43	69
37-3019	Grounds Maintenance Workers, Other	140	150	7.1%	1	3	4
<b>39-0000</b>	<b>Personal Care &amp; Service Occupations</b>	<b>242,920</b>	<b>281,170</b>	<b>15.7%</b>	<b>3,830</b>	<b>5,408</b>	<b>9,238</b>
<b>39-1000</b>	<b>Supervisors, Personal Care &amp; Service Workers</b>	<b>10,350</b>	<b>11,290</b>	<b>9.1%</b>	<b>94</b>	<b>192</b>	<b>286</b>
39-1011	Gaming Supervisors	650	670	3.1%	2	13	15
39-1012	Slot Supervisors	130	140	7.7%	0	3	3
39-1021	Supervisors - Personal Service Workers	9,560	10,480	9.6%	92	176	268
<b>39-2000</b>	<b>Animal Care &amp; Service Workers</b>	<b>7,870</b>	<b>8,940</b>	<b>13.6%</b>	<b>107</b>	<b>132</b>	<b>239</b>

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39-2011	Animal Trainers	1,150	1,200	4.3%	5	51	56
39-2021	Nonfarm Animal Caretakers	6,720	7,740	15.2%	102	81	183
<b>39-3000</b>	<b>Entertainment Attendants &amp; Related Workers</b>	<b>27,270</b>	<b>29,550</b>	<b>8.4%</b>	<b>231</b>	<b>1,186</b>	<b>1,417</b>
39-3011	Gaming Dealers	5,330	5,760	8.1%	43	92	135
39-3021	Motion Picture Projectionists	320	280	-12.5%	0	12	12
39-3031	Ushers, Lobby Attendants & Ticket Takers	4,450	4,670	4.9%	22	235	257
39-3091	Amusement & Recreation Attendants	14,670	16,100	9.7%	143	735	878
39-3092	Costume Attendants	140	150	7.1%	1	7	8
39-3093	Locker Room, Coatroom & Dressing Room Attendants	1,290	1,400	8.5%	11	64	75
39-3099	Entertainment Attendants & Related Workers, Other	670	760	13.4%	9	33	42
<b>39-4000</b>	<b>Funeral Service Workers</b>	<b>2,800</b>	<b>2,910</b>	<b>3.9%</b>	<b>11</b>	<b>60</b>	<b>71</b>
39-4021	Funeral Attendants	1,800	1,800	0.0%	0	38	38
<b>39-5000</b>	<b>Personal Appearance Workers</b>	<b>47,530</b>	<b>53,390</b>	<b>12.3%</b>	<b>586</b>	<b>1,007</b>	<b>1,593</b>
39-5012	Hairdressers, Hairstylists & Cosmetologists	37,750	42,010	11.3%	426	884	1,310
39-5092	Manicurists & Pedicurists	4,700	5,430	15.5%	73	39	112
39-5093	Shampooers	790	780	-1.3%	0	6	6
39-5094	Skincare Specialists	1,860	2,520	35.5%	66	15	81
<b>39-6000</b>	<b>Transportation, Tourism &amp; Lodging Attendants</b>	<b>1,760</b>	<b>2,010</b>	<b>14.2%</b>	<b>25</b>	<b>44</b>	<b>69</b>
39-6011	Baggage Porters & Bellhops	1,130	1,250	10.6%	12	28	40
39-6012	Concierges	630	760	20.6%	13	16	29
<b>39-7000</b>	<b>Tour &amp; Travel Guides</b>	<b>2,080</b>	<b>2,220</b>	<b>6.7%</b>	<b>14</b>	<b>100</b>	<b>114</b>
39-7011	Tour Guides & Escorts	1,880	2,010	6.9%	13	91	104
39-7012	Travel Guides	200	200	0.0%	1	9	10
<b>39-9000</b>	<b>Other Personal Care &amp; Service Workers</b>	<b>143,260</b>	<b>170,870</b>	<b>19.3%</b>	<b>2,762</b>	<b>2,688</b>	<b>5,450</b>
39-9011	Childcare Workers	56,440	62,880	11.4%	644	1,659	2,303
39-9021	Personal Care Aides	53,410	70,790	32.5%	1,738	382	2,120
39-9031	Fitness Trainers & Aerobics Instructors	11,750	13,070	11.2%	132	139	271
39-9032	Recreation Workers	12,010	13,490	12.3%	148	142	290
39-9041	Residential Advisors	6,320	7,050	11.6%	73	273	346
39-9099	Personal Care & Service Workers, Other	3,330	3,600	8.1%	27	93	120
<b>41-0000</b>	<b>Sales &amp; Related Occupations</b>	<b>627,240</b>	<b>642,120</b>	<b>2.4%</b>	<b>1,846</b>	<b>19,134</b>	<b>20,980</b>
<b>41-1000</b>	<b>Supervisors - Sales Workers</b>	<b>66,500</b>	<b>66,030</b>	<b>-0.7%</b>	<b>0</b>	<b>1,319</b>	<b>1,319</b>
41-1011	Supervisors - Retail Sales Workers	52,310	52,260	-0.1%	0	1,138	1,138
41-1012	Supervisors - Non-Retail Sales Workers	14,190	13,770	-3.0%	0	181	181
<b>41-2000</b>	<b>Retail Sales Workers</b>	<b>370,750</b>	<b>376,280</b>	<b>1.5%</b>	<b>758</b>	<b>13,886</b>	<b>14,644</b>

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41-2011	Cashiers	156,060	154,010	-1.3%	0	6,747	6,747
41-2021	Counter & Rental Clerks	15,600	16,970	8.8%	137	399	536
41-2031	Retail Salespersons	189,430	195,000	2.9%	557	6,479	7,036
<b>41-3000</b>	<b>Sales Representatives, Services</b>	<b>65,660</b>	<b>68,770</b>	<b>4.7%</b>	<b>362</b>	<b>1,652</b>	<b>2,014</b>
41-3011	Advertising Sales Agents	6,510	6,510	0.0%	0	200	200
41-3021	Insurance Sales Agents	20,340	21,340	4.9%	99	478	577
41-3031	Securities, Commodities & Financial Services Sales Agents	13,480	14,250	5.7%	76	315	391
41-3041	Travel Agents	2,770	2,260	-18.4%	0	42	42
41-3099	Sales Representatives, Other Services	22,560	24,420	8.2%	186	616	802
<b>41-4000</b>	<b>Sales Representatives, Wholesale &amp; Manufacturing</b>	<b>90,110</b>	<b>96,050</b>	<b>6.6%</b>	<b>594</b>	<b>1,756</b>	<b>2,350</b>
41-4011	Sales Representatives, Technical & Scientific Products	14,340	15,560	8.5%	122	280	402
41-4012	Sales Representatives	75,770	80,490	6.2%	472	1,477	1,949
<b>41-9000</b>	<b>Other Sales &amp; Related Workers</b>	<b>34,220</b>	<b>34,980</b>	<b>2.2%</b>	<b>132</b>	<b>520</b>	<b>652</b>
41-9011	Demonstrators & Product Promoters	2,010	2,200	9.5%	18	57	75
41-9021	Real Estate Brokers	2,760	2,910	5.4%	15	26	41
41-9022	Real Estate Sales Agents	12,740	13,460	5.7%	72	120	192
41-9031	Sales Engineers	2,890	2,970	2.8%	8	50	58
41-9041	Telemarketers	9,880	9,340	-5.5%	0	204	204
41-9099	Sales & Related Workers, Other	2,440	2,630	7.8%	19	48	67
<b>43-0000</b>	<b>Office &amp; Administrative Support Occupations</b>	<b>973,660</b>	<b>1,001,340</b>	<b>2.8%</b>	<b>5,083</b>	<b>21,067</b>	<b>26,150</b>
<b>43-1000</b>	<b>Supervisors - Office &amp; Administrative Support Workers</b>	<b>57,770</b>	<b>62,110</b>	<b>7.5%</b>	<b>434</b>	<b>1,371</b>	<b>1,805</b>
43-1011	Supervisors - Office & Administrative Support Workers	57,770	62,110	7.5%	434	1,371	1,805
<b>43-2000</b>	<b>Communications Equipment Operators</b>	<b>7,160</b>	<b>6,000</b>	<b>-16.2%</b>	<b>0</b>	<b>141</b>	<b>141</b>
43-2011	Switchboard Operators	5,940	5,000	-15.8%	0	109	109
43-2021	Telephone Operators	1,180	960	-18.6%	0	31	31
<b>43-3000</b>	<b>Financial Clerks</b>	<b>154,550</b>	<b>164,080</b>	<b>6.2%</b>	<b>1,134</b>	<b>3,112</b>	<b>4,246</b>
43-3011	Bill & Account Collectors	15,250	16,490	8.1%	124	429	553
43-3021	Billing & Posting Clerks	27,890	31,030	11.3%	314	513	827
43-3031	Bookkeeping, Accounting & Auditing Clerks	73,280	79,310	8.2%	603	673	1,276
43-3041	Gaming Cage Workers	370	380	2.7%	1	7	8
43-3051	Payroll & Timekeeping Clerks	8,960	9,700	8.3%	74	197	271
43-3061	Procurement Clerks	2,710	2,790	3.0%	8	98	106
43-3071	Tellers	24,900	23,090	-7.3%	0	1,160	1,160
43-3099	Financial Clerks, Other	1,210	1,310	8.3%	10	34	44
<b>43-4000</b>	<b>Information &amp; Record Clerks</b>	<b>229,710</b>	<b>241,490</b>	<b>5.1%</b>	<b>1,404</b>	<b>6,038</b>	<b>7,442</b>

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43-4011	Brokerage Clerks	3,150	2,620	-16.8%	0	82	82
43-4021	Correspondence Clerks	650	660	1.5%	1	17	18
43-4031	Court, Municipal & License Clerks	2,350	2,540	8.1%	19	36	55
43-4041	Credit Authorizers, Checkers & Clerks	2,290	2,150	-6.1%	0	27	27
43-4051	Customer Service Representatives	104,410	113,100	8.3%	868	2,841	3,709
43-4061	Eligibility Interviewers, Government Programs	9,710	10,180	4.8%	48	195	243
43-4071	File Clerks	6,300	5,900	-6.3%	0	144	144
43-4081	Hotel, Motel & Resort Desk Clerks	8,070	8,850	9.7%	78	382	460
43-4111	Interviewers	7,980	8,260	3.5%	28	151	179
43-4121	Library Assistants, Clerical	4,950	5,150	4.0%	20	216	236
43-4131	Loan Interviewers & Clerks	6,060	6,410	5.8%	36	40	76
43-4141	New Accounts Clerks	1,040	910	-12.5%	0	27	27
43-4151	Order Clerks	10,900	10,640	-2.4%	0	287	287
43-4161	Human Resources Assistants	7,690	7,490	-2.6%	0	194	194
43-4171	Receptionists & Information Clerks	47,410	50,490	6.5%	308	1,276	1,584
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	2,700	2,510	-7.0%	0	36	36
43-4199	Information & Record Clerks, Other	4,070	3,650	-10.3%	0	88	88
<b>43-5000</b>	<b>Material Recording, Scheduling, Dispatching &amp; Distributing Workers</b>	<b>164,120</b>	<b>156,690</b>	<b>-4.5%</b>	<b>287</b>	<b>4,504</b>	<b>4,791</b>
43-5011	Cargo & Freight Agents	3,110	3,540	13.8%	43	84	127
43-5021	Couriers & Messengers	3,900	3,460	-11.3%	0	50	50
43-5031	Police, Fire & Ambulance Dispatchers	3,190	3,360	5.3%	17	92	109
43-5032	Dispatchers	6,730	7,400	10.0%	68	194	262
43-5041	Meter Readers, Utilities	1,510	1,240	-17.9%	0	38	38
43-5051	Postal Service Clerks	3,280	2,240	-31.7%	0	50	50
43-5052	Postal Service Mail Carriers	13,160	9,650	-26.7%	0	458	458
43-5053	Postal Service Mail Sorters, Processors & Processing Machine Operators	7,020	4,940	-29.6%	0	51	51
43-5061	Production, Planning & Expediting Clerks	13,920	14,710	5.7%	80	347	427
43-5071	Shipping, Receiving & Traffic Clerks	28,010	28,490	1.7%	49	736	785
43-5081	Stock Clerks & Order Fillers	77,590	74,640	-3.8%	0	2,344	2,344
43-5111	Weighers, Measurers, Checkers & Samplers, Recordkeeping	2,710	3,020	11.4%	31	60	91
<b>43-6000</b>	<b>Secretaries &amp; Administrative Assistants</b>	<b>168,680</b>	<b>182,600</b>	<b>8.3%</b>	<b>1,480</b>	<b>2,030</b>	<b>3,510</b>
43-6011	Executive Secretaries & Executive Administrative Assistants	27,480	26,880	-2.2%	0	331	331
43-6012	Legal Secretaries	11,000	10,720	-2.5%	0	132	132
43-6013	Medical Secretaries	20,800	26,210	26.0%	542	250	792
43-6014	Secretaries	109,400	118,790	8.6%	939	1,317	2,256

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<b>43-9000</b>	<b>Other Office &amp; Administrative Support Workers</b>	<b>191,690</b>	<b>188,370</b>	<b>-1.7%</b>	<b>343</b>	<b>3,871</b>	<b>4,214</b>
43-9011	Computer Operators	3,120	2,540	-18.6%	0	30	30
43-9021	Data Entry Keyers	10,370	7,700	-25.7%	0	124	124
43-9022	Word Processors & Typists	8,030	5,870	-26.9%	0	29	29
43-9031	Desktop Publishers	830	800	-3.6%	0	15	15
43-9041	Insurance Claims & Policy Processing Clerks	12,340	12,790	3.6%	46	327	373
43-9051	Mail Clerks & Mail Machine Operators	7,060	6,280	-11.0%	0	162	162
43-9061	Office Clerks, General	142,200	145,060	2.0%	286	2,988	3,274
43-9071	Office Machine Operators	3,320	2,790	-16.0%	0	79	79
43-9081	Proofreaders & Copy Markers	630	630	0.0%	0	12	12
43-9111	Statistical Assistants	660	720	9.1%	5	18	23
43-9199	Office & Administrative Support Workers, Other	3,130	3,200	2.2%	7	88	95
<b>45-0000</b>	<b>Farming, Fishing &amp; Forestry Occupations</b>	<b>49,120</b>	<b>48,370</b>	<b>-1.5%</b>	<b>50</b>	<b>1,436</b>	<b>1,486</b>
45-1011	Farm & Forestry Worker Supervisors	2,110	2,110	0.0%	0	44	44
<b>45-2000</b>	<b>Agricultural Workers</b>	<b>45,820</b>	<b>45,040</b>	<b>-1.7%</b>	<b>36</b>	<b>1,373</b>	<b>1,409</b>
45-2011	Agricultural Inspectors	520	520	0.0%	0	15	15
45-2021	Animal Breeders	120	90	-25.0%	0	3	3
45-2041	Graders & Sorters, Agricultural Products	1,320	1,320	0.0%	0	23	23
45-2091	Agricultural Equipment Operators	3,090	3,290	6.5%	21	94	115
45-2092	Farmworkers & Laborers, Crop, Nursery & Greenhouse	35,190	34,070	-3.2%	0	1,068	1,068
45-2093	Farmworkers, Farm, Ranch & Aquacultural Animals	4,920	5,060	2.8%	14	149	163
45-2099	Agricultural Workers, Other	680	690	1.5%	1	20	21
45-3011	Fishers & Related Fishing Workers	70	70	0.0%	0	2	2
<b>45-4000</b>	<b>Forest, Conservation &amp; Logging Workers</b>	<b>1,110</b>	<b>1,160</b>	<b>4.5%</b>	<b>13</b>	<b>17</b>	<b>30</b>
45-4011	Forest & Conservation Workers	170	180	5.9%	1	3	4
45-4021	Fallers	180	110	-38.9%	0	3	3
45-4022	Logging Equipment Operators	600	730	21.7%	13	9	22
<b>47-0000</b>	<b>Construction &amp; Extraction Occupations</b>	<b>261,320</b>	<b>298,600</b>	<b>14.3%</b>	<b>3,742</b>	<b>4,482</b>	<b>8,224</b>
<b>47-1000</b>	<b>Supervisors - Construction &amp; Extraction Workers</b>	<b>20,550</b>	<b>23,770</b>	<b>15.7%</b>	<b>321</b>	<b>222</b>	<b>543</b>
47-1011	Supervisors - Construction Trades & Extraction Workers	20,550	23,770	15.7%	321	222	543
<b>47-2000</b>	<b>Construction Trades Workers</b>	<b>200,080</b>	<b>230,210</b>	<b>15.1%</b>	<b>3,014</b>	<b>3,386</b>	<b>6,400</b>
47-2011	Boilermakers	720	850	18.1%	13	32	45
47-2021	Brickmasons & Blockmasons	3,370	4,260	26.4%	90	36	126
47-2022	Stonemasons	690	840	21.7%	15	7	22
47-2031	Carpenters	50,860	59,570	17.1%	871	627	1,498

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47-2041	Carpet Installers	2,140	2,230	4.2%	9	38	47
47-2042	Floor Layers	980	1,100	12.2%	12	18	30
47-2044	Tile & Marble Setters	840	930	10.7%	9	15	24
47-2051	Cement Masons & Concrete Finishers	5,760	6,780	17.7%	102	66	168
47-2053	Terrazzo Workers & Finishers	140	160	14.3%	2	2	4
47-2061	Construction Laborers	39,220	46,290	18.0%	707	840	1,547
47-2071	Paving, Surfacing & Tamping Equipment Operators	2,700	3,190	18.1%	50	39	89
47-2072	Pile-Driver Operators	70	90	28.6%	2	1	3
47-2073	Operating Engineers & Other Construction Equipment Operators	22,960	25,700	11.9%	274	510	784
47-2081	Drywall & Ceiling Tile Installers	2,510	2,820	12.4%	31	24	55
47-2082	Tapers	550	620	12.7%	7	5	12
47-2111	Electricians	21,910	24,610	12.3%	270	413	683
47-2121	Glaziers	1,410	1,520	7.8%	11	33	44
47-2131	Insulation Workers, Floor, Ceiling & Wall	570	620	8.8%	5	8	13
47-2132	Insulation Workers, Mechanical	310	340	9.7%	3	4	7
47-2141	Painters, Construction & Maintenance	8,460	9,770	15.5%	131	128	259
47-2142	Paperhangers	310	300	-3.2%	0	5	5
47-2151	Pipelayers	2,220	2,770	24.8%	54	28	82
47-2152	Plumbers, Pipefitters & Steamfitters	17,840	20,430	14.5%	259	222	481
47-2161	Plasterers & Stucco Masons	350	360	2.9%	1	2	3
47-2171	Reinforcing Iron & Rebar Workers	340	390	14.7%	5	6	11
47-2181	Roofers	5,330	5,410	1.5%	8	112	120
47-2211	Sheet Metal Workers	5,310	5,780	8.9%	48	100	148
47-2221	Structural Iron & Steel Workers	1,820	2,020	11.0%	19	59	78
<b>47-3000</b>	<b>Helpers, Construction Trades</b>	<b>5,410</b>	<b>6,540</b>	<b>20.9%</b>	<b>114</b>	<b>85</b>	<b>199</b>
47-3011	Helpers--Brick, Block, Stonemasons, Tile & Marble Setters	1,140	1,510	32.5%	37	18	55
47-3012	Helpers--Carpenters	810	950	17.3%	14	13	27
47-3013	Helpers--Electricians	1,130	1,410	24.8%	28	18	46
47-3014	Helpers--Painters, Paperhangers, Plasterers & Stucco Masons	220	220	0.0%	1	3	4
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters & Steamfitters	1,530	1,800	17.6%	27	24	51
47-3016	Helpers--Roofers	260	270	3.8%	1	4	5
47-3019	Helpers, Construction Trades, Other	330	380	15.2%	6	5	11
<b>47-4000</b>	<b>Other Construction &amp; Related Workers</b>	<b>23,140</b>	<b>25,060</b>	<b>8.3%</b>	<b>192</b>	<b>429</b>	<b>621</b>
47-4011	Construction & Building Inspectors	5,540	6,090	9.9%	56	131	187
47-4021	Elevator Installers & Repairers	750	850	13.3%	10	12	22

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47-4031	Fence Erectors	1,160	1,400	20.7%	24	27	51
47-4041	Hazardous Materials Removal Workers	1,700	1,940	14.1%	23	37	60
47-4051	Highway Maintenance Workers	11,430	11,800	3.2%	36	170	206
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	1,310	1,620	23.7%	31	28	59
47-4099	Construction & Related Workers, Other	840	940	11.9%	10	15	25
<b>47-5000</b>	<b>Extraction Workers</b>	<b>12,150</b>	<b>13,020</b>	<b>7.2%</b>	<b>101</b>	<b>361</b>	<b>462</b>
47-5011	Derrick Operators, Oil & Gas	990	1,070	8.1%	8	40	48
47-5012	Rotary Drill Operators, Oil & Gas	2,230	2,440	9.4%	21	90	111
47-5013	Service Unit Operators, Oil, Gas & Mining	1,280	1,410	10.2%	13	52	65
47-5021	Earth Drillers	1,200	1,400	16.7%	20	32	52
47-5031	Explosives Workers, Ordnance Handling Experts & Blasters	180	190	5.6%	1	5	6
47-5041	Continuous Mining Machine Operators	660	610	-7.6%	0	12	12
47-5042	Mine Cutting & Channeling Machine Operators	770	740	-3.9%	0	14	14
47-5049	Mining Machine Operators, Other	70	70	0.0%	0	1	1
47-5051	Rock Splitters, Quarry	510	570	11.8%	7	7	14
47-5061	Roof Bolters, Mining	710	680	-4.2%	0	19	19
47-5071	Roustabouts, Oil & Gas	1,670	1,890	13.2%	21	44	65
47-5081	Helpers--Extraction Workers	1,550	1,650	6.5%	10	41	51
47-5099	Extraction Workers, Other	340	340	0.0%	0	5	5
<b>49-0000</b>	<b>Installation, Maintenance &amp; Repair Occupations</b>	<b>238,600</b>	<b>257,710</b>	<b>8.0%</b>	<b>1,952</b>	<b>5,539</b>	<b>7,491</b>
<b>49-1000</b>	<b>Supervisors - Installation, Maintenance &amp; Repair Workers</b>	<b>14,850</b>	<b>15,660</b>	<b>5.5%</b>	<b>81</b>	<b>402</b>	<b>483</b>
49-1011	Supervisors - Mechanics, Installers & Repairers	14,850	15,660	5.5%	81	402	483
<b>49-2000</b>	<b>Electrical &amp; Electronic Equipment Mechanics, Installers &amp; Repairers</b>	<b>20,150</b>	<b>20,460</b>	<b>1.5%</b>	<b>54</b>	<b>386</b>	<b>440</b>
49-2011	Computer, Automated Teller & Office Machine Repairers	4,690	4,660	-0.6%	0	98	98
49-2021	Radio, Cellular & Tower Equipment Installers & Repairers	350	380	8.6%	3	5	8
49-2022	Telecommunications Equipment Installers & Repairers	4,580	4,550	-0.7%	0	63	63
49-2091	Avionics Technicians	230	230	0.0%	0	5	5
49-2092	Electric Motor, Power Tool & Related Repairers	810	770	-4.9%	0	14	14
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	3,970	3,910	-1.5%	0	80	80
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation & Relay	930	980	5.4%	5	19	24
49-2097	Electronic Home Entertainment Equipment Installers & Repairers	770	710	-7.8%	0	27	27
49-2098	Security & Fire Alarm Systems Installers	3,180	3,650	14.8%	46	65	111
<b>49-3000</b>	<b>Vehicle &amp; Mobile Equipment Mechanics, Installers</b>	<b>73,820</b>	<b>78,830</b>	<b>6.8%</b>	<b>500</b>	<b>1,839</b>	<b>2,339</b>
49-3011	Aircraft Mechanics & Service Technicians	4,290	4,450	3.7%	16	115	131
49-3021	Automotive Body & Related Repairers	7,010	7,590	8.3%	57	135	192

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49-3022	Automotive Glass Installers & Repairers	1,040	1,120	7.7%	8	26	34
49-3023	Automotive Service Technicians & Mechanics	37,470	39,780	6.2%	231	947	1,178
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	10,930	12,010	9.9%	107	233	340
49-3041	Farm Equipment Mechanics & Service Technicians	1,340	1,440	7.5%	10	39	49
49-3042	Mobile Heavy Equipment Mechanics	4,440	4,810	8.3%	38	128	166
49-3043	Rail Car Repairers	1,020	1,050	2.9%	3	29	32
49-3051	Motorboat Mechanics & Service Technicians	270	290	7.4%	1	6	7
49-3052	Motorcycle Mechanics	690	730	5.8%	4	15	19
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	1,320	1,330	0.8%	0	28	28
49-3091	Bicycle Repairers	580	650	12.1%	7	20	27
49-3092	Recreational Vehicle Service Technicians	360	390	8.3%	3	12	15
49-3093	Tire Repairers & Changers	3,040	3,180	4.6%	14	106	120
<b>49-9000</b>	<b>Other Installation, Maintenance &amp; Repair Occupations</b>	<b>129,780</b>	<b>142,760</b>	<b>10.0%</b>	<b>1,317</b>	<b>2,911</b>	<b>4,228</b>
49-9011	Mechanical Door Repairers	550	600	9.1%	5	19	24
49-9012	Control & Valve Installers & Repairers	880	920	4.5%	3	30	33
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	12,220	13,670	11.9%	145	310	455
49-9031	Home Appliance Repairers	2,020	1,970	-2.5%	0	62	62
49-9041	Industrial Machinery Mechanics	17,100	21,370	25.0%	427	494	921
49-9043	Maintenance Workers, Machinery	4,440	5,030	13.3%	60	56	116
49-9044	Millwrights	1,110	1,270	14.4%	17	17	34
49-9051	Electrical Power-Line Installers & Repairers	3,810	4,380	15.0%	58	132	190
49-9052	Telecommunications Line Installers & Repairers	6,730	6,770	0.6%	4	165	169
49-9061	Camera & Photographic Equipment Repairers	140	140	0.0%	0	4	4
49-9062	Medical Equipment Repairers	2,630	3,260	24.0%	63	73	136
49-9063	Musical Instrument Repairers & Tuners	580	560	-3.4%	0	16	16
49-9064	Watch Repairers	120	110	-8.3%	0	3	3
49-9069	Precision Instrument & Equipment Repairers, Other	450	450	0.0%	0	12	12
49-9071	Maintenance & Repair Workers, General	65,350	70,060	7.2%	470	1,255	1,725
49-9091	Coin, Vending & Amusement Machine Servicers & Repairers	2,380	2,330	-2.1%	0	24	24
49-9094	Locksmiths & Safe Repairers	660	720	9.1%	6	22	28
49-9095	Manufactured Building & Mobile Home Installers	210	170	-19.0%	0	5	5
49-9096	Riggers	210	250	19.0%	4	5	9
49-9097	Signal & Track Switch Repairers	340	350	2.9%	1	8	9
49-9098	Helpers--Installation, Maintenance & Repair Workers	4,720	5,120	8.5%	40	142	182
49-9099	Installation, Maintenance & Repair Workers, Other	2,830	2,970	4.9%	14	48	62

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<b>51-0000</b>	<b>Production Occupations</b>	<b>411,670</b>	<b>419,070</b>	<b>1.8%</b>	<b>1,597</b>	<b>8,303</b>	<b>9,900</b>
<b>51-1000</b>	<b>Supervisors - Production Workers</b>	<b>27,300</b>	<b>27,530</b>	<b>0.8%</b>	<b>23</b>	<b>384</b>	<b>407</b>
51-1011	Supervisors - Production & Operating Workers	27,300	27,530	0.8%	23	384	407
<b>51-2000</b>	<b>Assemblers &amp; Fabricators</b>	<b>70,440</b>	<b>73,220</b>	<b>3.9%</b>	<b>309</b>	<b>1,182</b>	<b>1,491</b>
51-2011	Aircraft Structure, Surfaces, Rigging & Systems Assemblers	1,460	1,540	5.5%	8	23	31
51-2021	Coil Winders, Tapers & Finishers	710	710	0.0%	0	9	9
51-2022	Electrical & Electronic Equipment Assemblers	10,000	9,690	-3.1%	0	121	121
51-2023	Electromechanical Equipment Assemblers	4,730	4,790	1.3%	7	57	64
51-2031	Engine & Other Machine Assemblers	2,910	3,090	6.2%	18	46	64
51-2041	Structural Metal Fabricators & Fitters	5,100	5,500	7.8%	40	205	245
51-2092	Team Assemblers	41,070	43,010	4.7%	194	649	843
51-2099	Assemblers & Fabricators, Other	4,030	4,440	10.2%	41	64	105
<b>51-3000</b>	<b>Food Processing Workers</b>	<b>31,640</b>	<b>32,270</b>	<b>2.0%</b>	<b>75</b>	<b>825</b>	<b>900</b>
51-3011	Bakers	10,130	10,350	2.2%	22	246	268
51-3021	Butchers & Meat Cutters	7,980	8,290	3.9%	31	197	228
51-3022	Meat, Poultry & Fish Cutters & Trimmers	3,040	3,210	5.6%	17	75	92
51-3023	Slaughterers & Meat Packers	2,560	2,510	-2.0%	0	63	63
51-3091	Food & Tobacco Roasting, Baking & Drying Machine Operators	410	420	2.4%	0	11	11
51-3092	Food Batchmakers	5,760	5,690	-1.2%	0	187	187
51-3093	Food Cooking Machine Operators	1,340	1,340	0.0%	1	35	36
51-3099	Food Processing Workers, Other	430	480	11.6%	4	11	15
<b>51-4000</b>	<b>Metal Workers &amp; Plastic Workers</b>	<b>102,380</b>	<b>104,570</b>	<b>2.1%</b>	<b>530</b>	<b>1,994</b>	<b>2,524</b>
51-4011	Computer-Controlled Machine Tool Operators	6,800	7,970	17.2%	118	190	308
51-4012	Computer Numerically Controlled Machine Tool Programmers	1,210	1,580	30.6%	37	34	71
51-4021	Extruding & Drawing Machine Operators	5,190	4,810	-7.3%	0	100	100
51-4022	Forging Machine Operators	1,430	1,300	-9.1%	0	28	28
51-4023	Rolling Machine Operators	3,160	3,010	-4.7%	0	61	61
51-4031	Cutting, Punching & Press Machine Operators	9,300	8,940	-3.9%	0	79	79
51-4032	Drilling & Boring Machine Tool Operators	1,610	1,300	-19.3%	0	31	31
51-4033	Grinding, Lapping, Polishing & Buffing Machine Tool Operators	4,760	4,390	-7.8%	0	107	107
51-4034	Lathe & Turning Machine Tool Operators	2,630	2,360	-10.3%	0	51	51
51-4035	Milling & Planing Machine Operators	1,340	1,270	-5.2%	0	26	26
51-4041	Machinists	20,100	22,560	12.2%	246	461	707
51-4051	Metal-Refining Furnace Operators	1,870	1,820	-2.7%	0	24	24
51-4052	Pourers & Casters, Metal	1,060	990	-6.6%	0	14	14

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51-4061	Model Makers	380	390	2.6%	1	7	8
51-4062	Patternmakers	330	340	3.0%	0	6	6
51-4071	Foundry Mold & Coremakers	790	750	-5.1%	0	10	10
51-4072	Molding, Coremaking & Casting Machine Operators	6,280	5,800	-7.6%	0	76	76
51-4081	Multiple Machine Tool Operators	5,690	5,320	-6.5%	0	110	110
51-4111	Tool & Die Makers	4,020	4,070	1.2%	5	24	29
51-4121	Welders, Cutters, Solderers & Brazers	15,910	16,780	5.5%	86	390	476
51-4122	Welding, Soldering & Brazing Machine Operators	2,300	2,600	13.0%	30	56	86
51-4191	Heat Treating Equipment Operators	1,880	1,880	0.0%	0	36	36
51-4192	Layout Workers	260	280	7.7%	2	5	7
51-4193	Plating & Coating Machine Operators	2,040	2,010	-1.5%	0	39	39
51-4194	Tool Grinders, Filers & Sharpeners	850	830	-2.4%	0	16	16
51-4199	Metal Workers & Plastic Workers, Other	1,200	1,250	4.2%	5	13	18
<b>51-5100</b>	<b>Printing Workers</b>	<b>16,050</b>	<b>14,920</b>	<b>-7.0%</b>	<b>0</b>	<b>303</b>	<b>303</b>
51-5111	Prepress Technician & Workers	2,590	2,200	-15.1%	0	66	66
51-5112	Printing Press Operators	10,360	9,810	-5.3%	0	182	182
51-5113	Print Binding & Finishing Workers	3,100	2,910	-6.1%	0	54	54
<b>51-6000</b>	<b>Textile, Apparel &amp; Furnishings Workers</b>	<b>21,460</b>	<b>19,360</b>	<b>-9.8%</b>	<b>42</b>	<b>383</b>	<b>425</b>
51-6011	Laundry & Dry-Cleaning Workers	8,020	8,440	5.2%	42	238	280
51-6021	Pressers: Textile, Garment & Related Materials	1,270	1,110	-12.6%	0	13	13
51-6031	Sewing Machine Operators	5,630	4,350	-22.7%	0	27	27
51-6041	Shoe & Leather Workers & Repairers	180	180	0.0%	0	3	3
51-6052	Tailors, Dressmakers & Custom Sewers	1,250	1,150	-8.0%	0	13	13
51-6061	Textile Bleaching & Dyeing Machine Operators	390	290	-25.6%	0	6	6
51-6062	Textile Cutting Machine Operators	710	560	-21.1%	0	11	11
51-6063	Textile Knitting & Weaving Machine Operators	900	530	-41.1%	0	14	14
51-6064	Textile Winding, Twisting & Drawing Out Machine Operators	630	440	-30.2%	0	10	10
51-6091	Extruding & Forming Machine Operators, Synthetic & Glass Fibers	650	620	-4.6%	0	10	10
51-6092	Fabric & Apparel Patternmakers	170	150	-11.8%	0	3	3
51-6093	Upholsterers	1,010	990	-2.0%	0	27	27
51-6099	Textile, Apparel & Furnishings Workers, Other	340	260	-23.5%	0	2	2
<b>51-7000</b>	<b>Woodworkers</b>	<b>10,870</b>	<b>11,770</b>	<b>8.3%</b>	<b>90</b>	<b>122</b>	<b>212</b>
51-7011	Cabinetmakers & Bench Carpenters	4,970	5,250	5.6%	28	40	68
51-7021	Furniture Finishers	770	800	3.9%	3	12	15
51-7031	Model Makers, Wood	120	130	8.3%	2	2	4

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51-7032	Patternmakers, Wood	60	70	16.7%	0	1	1
51-7041	Sawing Machine Operators, Wood	1,600	1,730	8.1%	13	44	57
51-7042	Woodworking Machine Operators	3,130	3,570	14.1%	44	17	61
51-7099	Woodworkers, Other	220	220	0.0%	0	7	7
<b>51-8000</b>	<b>Plant &amp; System Operators</b>	<b>15,820</b>	<b>16,060</b>	<b>1.5%</b>	<b>46</b>	<b>538</b>	<b>584</b>
51-8011	Nuclear Power Reactor Operators	260	260	0.0%	1	8	9
51-8012	Power Distributors & Dispatchers	460	470	2.2%	1	14	15
51-8013	Power Plant Operators	1,960	1,770	-9.7%	0	61	61
51-8021	Stationary Engineers & Boiler Operators	3,110	3,110	0.0%	0	95	95
51-8031	Water & Wastewater Treatment Plant & System Operators	5,930	6,200	4.6%	28	208	236
51-8091	Chemical Plant & System Operators	1,420	1,420	0.0%	0	53	53
51-8092	Gas Plant Operators	1,210	1,360	12.4%	15	45	60
51-8093	Petroleum Pump System Operators, Refinery Operators & Gaugers	1,090	1,060	-2.8%	0	40	40
51-8099	Plant & System Operators, Other	390	410	5.1%	2	14	16
<b>51-9000</b>	<b>Other Production Occupations</b>	<b>115,710</b>	<b>119,380</b>	<b>3.2%</b>	<b>481</b>	<b>2,573</b>	<b>3,054</b>
51-9011	Chemical Equipment Operators	3,950	3,840	-2.8%	0	138	138
51-9012	Separating, Filtering, Clarifying, Precipitating & Still Machine Operators	1,790	1,760	-1.7%	0	62	62
51-9021	Crushing, Grinding & Polishing Machine Operators	1,250	1,280	2.4%	2	35	37
51-9022	Grinding & Polishing Workers, Hand	1,080	1,120	3.7%	4	30	34
51-9023	Mixing & Blending Machine Operators	4,930	4,810	-2.4%	0	139	139
51-9031	Cutters & Trimmers, Hand	490	460	-6.1%	0	8	8
51-9032	Cutting & Slicing Machine Operators	3,130	2,980	-4.8%	0	53	53
51-9041	Extruding, Forming, Pressing & Compacting Machine Operators	3,470	3,510	1.2%	3	94	97
51-9051	Furnace, Kiln, Oven, Drier & Kettle Operators	1,000	960	-4.0%	0	24	24
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	21,600	23,260	7.7%	166	474	640
51-9071	Jewelers & Precious Stone & Metal Workers	970	890	-8.2%	0	20	20
51-9081	Dental Laboratory Technicians	1,090	1,080	-0.9%	0	37	37
51-9082	Medical Appliance Technicians	1,370	1,390	1.5%	3	46	49
51-9083	Ophthalmic Laboratory Technicians	1,340	1,440	7.5%	10	45	55
51-9111	Packaging & Filling Machine Operators	18,650	18,650	0.0%	0	440	440
51-9121	Coating, Painting & Spraying Machine Operators	3,150	3,330	5.7%	18	57	75
51-9122	Painters, Transportation Equipment	2,320	2,490	7.3%	18	42	60
51-9123	Painting, Coating & Decorating Workers	760	750	-1.3%	0	14	14
51-9141	Semiconductor Processors	490	350	-28.6%	0	12	12
51-9151	Photographic Process Workers & Processing Machine Operators	2,350	2,140	-8.9%	0	69	69

**Pennsylvania  
Occupational Employment  
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth <sup>1/</sup>	Due to Replace. <sup>2/</sup>	Total <sup>3/</sup>
51-9191	Adhesive Bonding Machine Operators	420	410	-2.4%	0	10	10
51-9192	Cleaning, Washing & Metal Pickling Equipment Operators	510	510	0.0%	1	12	13
51-9193	Cooling & Freezing Equipment Operators	570	570	0.0%	0	13	13
51-9194	Etchers & Engravers	370	370	0.0%	0	9	9
51-9195	Molders, Shapers & Casters, Except Metal & Plastic	2,710	2,800	3.3%	9	89	98
51-9196	Paper Goods Machine Operators	7,150	6,940	-2.9%	0	64	64
51-9197	Tire Builders	370	370	0.0%	1	9	10
51-9198	Helpers--Production Workers	24,300	25,870	6.5%	157	420	577
51-9199	Production Workers, Other	4,150	5,040	21.4%	89	108	197
<b>53-0000</b>	<b>Transportation &amp; Material Moving Occupations</b>	<b>415,330</b>	<b>453,380</b>	<b>9.2%</b>	<b>3,829</b>	<b>9,626</b>	<b>13,455</b>
<b>53-1000</b>	<b>Supervisors - Transportation &amp; Material Moving Workers</b>	<b>14,630</b>	<b>15,950</b>	<b>9.0%</b>	<b>132</b>	<b>402</b>	<b>534</b>
53-1031	Supervisors - Transportation & Vehicle Operators	7,670	8,360	9.0%	69	211	280
53-2012	Commercial Pilots	980	1,070	9.2%	9	28	37
53-2021	Air Traffic Controllers	450	480	6.7%	3	20	23
<b>53-3000</b>	<b>Motor Vehicle Operators</b>	<b>181,940</b>	<b>199,950</b>	<b>9.9%</b>	<b>1,801</b>	<b>2,947</b>	<b>4,748</b>
53-3011	Ambulance Drivers & Attendants	1,340	1,690	26.1%	35	22	57
53-3021	Bus Drivers, Transit & Intercity	6,640	7,050	6.2%	41	122	163
53-3022	Bus Drivers, School or Special Client	25,800	27,500	6.6%	170	473	643
53-3031	Driver/Sales Workers	19,390	20,510	5.8%	112	310	422
53-3032	Heavy & Tractor-Trailer Truck Drivers	75,960	87,820	15.6%	1,187	1,215	2,402
53-3033	Light Truck or Delivery Services Drivers	40,830	41,880	2.6%	105	653	758
53-3041	Taxi Drivers & Chauffeurs	11,300	12,790	13.2%	149	134	283
53-3099	Motor Vehicle Operators, Other	680	700	2.9%	3	19	22
<b>53-4000</b>	<b>Rail Transportation Workers</b>	<b>6,810</b>	<b>6,680</b>	<b>-1.9%</b>	<b>4</b>	<b>205</b>	<b>209</b>
53-4011	Locomotive Engineers	2,230	2,190	-1.8%	0	67	67
53-4013	Rail Yard Engineers, Dinkey Operators & Hostlers	480	510	6.2%	3	14	17
53-4021	Railroad Brake, Signal & Switch Operators	1,400	1,370	-2.1%	0	42	42
53-4031	Railroad Conductors & Yardmasters	2,390	2,340	-2.1%	0	72	72
53-5011	Sailors & Marine Oilers	460	500	8.7%	4	21	25
53-5021	Captains, Mates & Pilots of Water Vessels	530	540	1.9%	0	25	25
<b>53-6000</b>	<b>Other Transportation Workers</b>	<b>9,360</b>	<b>10,100</b>	<b>7.9%</b>	<b>75</b>	<b>351</b>	<b>426</b>
53-6011	Bridge & Lock Tenders	140	130	-7.1%	0	5	5
53-6021	Parking Lot Attendants	4,610	4,950	7.4%	34	221	255
53-6031	Automotive & Watercraft Service Attendants	2,340	2,640	12.8%	30	67	97
53-6041	Traffic Technicians	50	50	0.0%	0	2	2

**Pennsylvania  
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SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
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53-6051	Transportation Inspectors	700	770	10.0%	7	24	31
53-6061	Transportation Attendants	1,240	1,260	1.6%	2	20	22
53-6099	Transportation Workers, Other	290	310	6.9%	2	11	13
<b>53-7000</b>	<b>Material Moving Workers</b>	<b>195,820</b>	<b>213,460</b>	<b>9.0%</b>	<b>1,768</b>	<b>5,523</b>	<b>7,291</b>
53-7011	Conveyor Operators	1,480	1,530	3.4%	6	42	48
53-7021	Crane & Tower Operators	1,920	2,230	16.1%	32	66	98
53-7032	Excavating & Loading Machine & Dragline Operators	1,840	1,950	6.0%	11	15	26
53-7041	Hoist & Winch Operators	230	250	8.7%	2	6	8
53-7051	Industrial Truck & Tractor Operators	23,630	23,770	0.6%	14	542	556
53-7061	Cleaners of Vehicles & Equipment	11,580	12,340	6.6%	76	322	398
53-7062	Laborers & Freight, Stock & Material Movers	105,640	117,290	11.0%	1,165	3,272	4,437
53-7063	Machine Feeders & Offbearers	5,290	5,340	0.9%	5	105	110
53-7064	Packers & Packagers, Hand	33,510	36,910	10.1%	341	879	1,220
53-7071	Gas Compressor & Gas Pumping Station Operators	920	990	7.6%	7	32	39
53-7072	Pump Operators	1,220	1,290	5.7%	7	42	49
53-7073	Wellhead Pumpers	1,080	1,250	15.7%	16	38	54
53-7081	Refuse & Recyclable Material Collectors	6,070	6,850	12.9%	79	126	205
53-7111	Mine Shuttle Car Operators	250	220	-12.0%	0	7	7
53-7121	Tank Car, Truck & Ship Loaders	700	740	5.7%	4	20	24
53-7199	Material Moving Workers, Other	260	300	15.4%	5	7	12

FOOTNOTES:

Data may not add to totals due to rounding. Confidential data and occupations with employment less than 50 are not shown but are included in all sub-total and total employment values.

1/ Labor force growth openings, except for cases of negative growth where growth openings are expressed as zero.

2/ Labor force net replacements due to death, retirement, disability, or withdrawal for personal reasons.

3/ Total openings equal replacements plus annual growth.