

**Pennsylvania
Occupational Employment
2016-2026 Long-Term Projections**

SOC Code	Occupational Title	Employment Outlook			Annual Demand			
		Estimated 2016	Projected 2026	Percent Change	Due to Growth ^{1/}	Due to Exits ^{2/}	Due to Transfers ^{3/}	Total Demand ^{4/}
00-0000	Total, All Occupations	6,181,960	6,523,990	5.5%	34,203	298,241	394,436	726,880
11-0000	Management Occupations	296,550	314,550	6.1%	1,800	8,816	14,556	25,172
11-1000	Top Executives	86,570	91,060	5.2%	448	1,950	5,043	7,441
11-1011	Chief Executives	12,200	11,340	-7.0%	-86	340	483	737
11-1021	General & Operations Managers	72,410	77,680	7.3%	527	1,556	4,477	6,560
11-1031	Legislators	1,960	2,030	3.6%	8	54	84	146
11-2000	Advertising, Marketing, Promotions, Public Relations & Sales Managers	18,420	19,800	7.5%	138	435	1,162	1,735
11-2011	Advertising & Promotions Managers	620	640	3.2%	3	17	47	67
11-2021	Marketing Managers	6,560	7,130	8.7%	58	156	415	629
11-2022	Sales Managers	9,400	10,010	6.5%	62	220	589	871
11-2031	Public Relations & Fundraising Managers	1,860	2,020	8.6%	16	43	110	169
11-3000	Operations Specialties Managers	53,850	59,750	11.0%	590	1,313	2,885	4,788
11-3011	Administrative Services Managers	7,150	7,780	8.8%	63	224	365	652
11-3021	Computer & Information Systems Managers	12,570	13,800	9.8%	123	232	718	1,073
11-3031	Financial Managers	17,050	20,070	17.7%	302	427	918	1,647
11-3051	Industrial Production Managers	5,950	6,100	2.5%	14	140	275	429
11-3061	Purchasing Managers	2,000	2,120	6.0%	12	60	101	173
11-3071	Transportation, Storage & Distribution Managers	3,340	3,650	9.3%	30	80	182	292
11-3111	Compensation & Benefits Managers	540	570	5.6%	3	12	26	41
11-3121	Human Resources Managers	4,250	4,610	8.5%	36	110	238	384
11-3131	Training & Development Managers	990	1,060	7.1%	7	28	61	96
11-9000	Other Management Occupations	137,710	143,940	4.5%	623	5,118	5,467	11,208
11-9013	Farmers, Ranchers & Other Agricultural Managers	39,860	38,310	-3.9%	-156	2,285	580	2,709
11-9021	Construction Managers	11,940	13,010	9.0%	108	286	554	948
11-9031	Education Admin., Preschool & Childcare Center/Program	3,030	3,240	6.9%	21	88	143	252
11-9032	Education Administrators, Elementary & Secondary School	7,820	8,260	5.6%	44	226	366	636
11-9033	Education Administrators, Postsecondary	4,530	4,880	7.7%	36	132	214	382
11-9039	Education Administrators, Other	1,170	1,230	5.1%	7	34	55	96
11-9041	Architectural & Engineering Managers	5,850	6,260	7.0%	41	122	291	454
11-9051	Food Service Managers	8,030	8,560	6.6%	53	263	612	928
11-9061	Funeral Service Managers	910	930	2.2%	2	25	39	66
11-9071	Gaming Managers	120	120	0.0%	0	3	10	13
11-9081	Lodging Managers	1,700	1,750	2.9%	5	59	111	175
11-9111	Medical & Health Services Managers	14,310	17,300	20.9%	299	429	771	1,499
11-9121	Natural Sciences Managers	2,230	2,410	8.1%	18	52	130	200

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11-9131	Postmasters & Mail Superintendents	800	600	-25.0%	-20	19	29	28
11-9141	Property, Real Estate & Community Association Managers	4,350	4,590	5.5%	24	185	150	359
11-9151	Social & Community Service Managers	7,620	8,330	9.3%	72	262	416	750
11-9161	Emergency Management Directors	450	470	4.4%	3	18	17	38
11-9199	Managers, Other	23,020	23,680	2.9%	65	632	980	1,677
13-0000	Business & Financial Operations Occupations	292,690	313,790	7.2%	2,110	8,746	17,743	28,599
13-1000	Business Operations Specialists	177,240	188,640	6.4%	1,140	5,406	11,102	17,648
13-1011	Agents & Business Managers of Artists, Performers & Athletes	270	280	3.7%	1	11	20	32
13-1021	Buyers & Purchasing Agents, Farm Products	400	370	-7.5%	-3	18	26	41
13-1022	Wholesale & Retail Buyers	3,570	3,410	-4.5%	-16	138	252	374
13-1023	Purchasing Agents	12,810	12,230	-4.5%	-59	372	692	1,005
13-1031	Claims Adjusters, Examiners & Investigators	13,720	13,280	-3.2%	-44	338	752	1,046
13-1032	Insurance Appraisers, Auto Damage	570	570	0.0%	0	14	32	46
13-1041	Compliance Officers	12,320	13,210	7.2%	89	358	643	1,090
13-1051	Cost Estimators	9,350	10,340	10.6%	99	310	639	1,048
13-1071	Human Resources Specialists	23,060	24,810	7.6%	175	695	1,573	2,443
13-1074	Farm Labor Contractors	50	60	20.0%	0	2	4	6
13-1075	Labor Relations Specialists	5,100	4,730	-7.3%	-37	143	323	429
13-1081	Logisticians	5,220	5,670	8.6%	44	134	384	562
13-1111	Management Analysts	27,860	31,030	11.4%	317	946	1,522	2,785
13-1121	Meeting, Convention & Event Planners	3,570	3,840	7.6%	27	140	277	444
13-1131	Fundraisers	3,070	3,350	9.1%	28	100	210	338
13-1141	Compensation, Benefits & Job Analysis Specialists	3,330	3,630	9.0%	30	88	189	307
13-1151	Training & Development Specialists	10,580	11,530	9.0%	94	340	710	1,144
13-1161	Market Research Analysts & Marketing Specialists	25,590	28,550	11.6%	296	718	1,858	2,872
13-1199	Business Operations Specialists, Other	16,790	17,770	5.8%	97	542	997	1,636
13-2000	Financial Specialists	115,450	125,150	8.4%	970	3,340	6,640	10,950
13-2011	Accountants & Auditors	57,850	62,820	8.6%	498	1,781	3,472	5,751
13-2021	Appraisers & Assessors of Real Estate	2,010	2,160	7.5%	15	72	60	147
13-2031	Budget Analysts	1,730	1,850	6.9%	12	48	82	142
13-2041	Credit Analysts	2,400	2,550	6.2%	14	57	142	213
13-2051	Financial Analysts	11,180	12,590	12.6%	142	237	747	1,126
13-2052	Personal Financial Advisors	10,860	12,600	16.0%	173	289	574	1,036
13-2053	Insurance Underwriters	4,900	4,540	-7.3%	-36	121	253	338
13-2061	Financial Examiners	1,630	1,770	8.6%	14	48	78	140

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13-2071	Credit Counselors	1,760	1,910	8.5%	15	44	102	161
13-2072	Loan Officers	12,120	12,740	5.1%	62	300	689	1,051
13-2081	Tax Examiners, Collectors & Revenue Agents	2,610	2,630	0.8%	1	78	102	181
13-2082	Tax Preparers	2,350	2,580	9.8%	23	133	122	278
13-2099	Financial Specialists, Other	4,060	4,410	8.6%	35	130	219	384
15-0000	Computer & Mathematical Occupations	158,430	175,590	10.8%	1,715	2,880	7,996	12,591
15-1100	Computer Occupations	151,400	166,620	10.1%	1,521	2,727	7,632	11,880
15-1111	Computer & Information Research Scientists	610	690	13.1%	7	9	33	49
15-1121	Computer Systems Analysts	22,300	23,990	7.6%	169	423	1,034	1,626
15-1122	Information Security Analysts	3,010	3,780	25.6%	78	60	165	303
15-1131	Computer Programmers	13,910	12,730	-8.5%	-117	233	594	710
15-1132	Software Developers, Applications	25,130	31,790	26.5%	666	389	1,397	2,452
15-1133	Software Developers, Systems Software	10,330	11,540	11.7%	121	150	537	808
15-1134	Web Developers	5,910	6,580	11.3%	68	117	316	501
15-1141	Database Administrators	5,790	6,370	10.0%	58	128	253	439
15-1142	Network & Computer Systems Administrators	14,210	14,900	4.9%	69	205	684	958
15-1143	Computer Network Architects	5,700	5,940	4.2%	24	82	286	392
15-1151	Computer User Support Specialists	26,570	29,300	10.3%	272	568	1,438	2,278
15-1152	Computer Network Support Specialists	7,180	7,460	3.9%	28	149	377	554
15-1199	Computer Occupations, Other	10,770	11,560	7.3%	80	216	518	814
15-2000	Mathematical Scientists	7,030	8,970	27.6%	194	152	364	710
15-2011	Actuaries	1,560	1,910	22.4%	35	22	82	139
15-2021	Mathematicians	80	100	25.0%	2	2	4	8
15-2031	Operations Research Analysts	2,640	3,310	25.4%	67	61	112	240
15-2041	Statisticians	2,720	3,620	33.1%	90	67	164	321
17-0000	Architecture & Engineering Occupations	102,530	110,710	8.0%	818	2,656	4,906	8,380
17-1000	Architects, Surveyors & Cartographers	7,360	7,670	4.2%	31	197	328	556
17-1011	Architects	4,700	4,790	1.9%	9	120	212	341
17-1012	Landscape Architects	810	830	2.5%	2	21	37	60
17-1021	Cartographers & Photogrammetrists	230	260	13.0%	3	7	10	20
17-1022	Surveyors	1,620	1,780	9.9%	16	50	69	135
17-2000	Engineers	66,590	72,620	9.1%	603	1,539	2,974	5,116
17-2011	Aerospace Engineers	1,480	1,660	12.2%	18	36	56	110
17-2021	Agricultural Engineers	120	130	8.3%	1	3	5	9
17-2031	Biomedical Engineers	1,020	1,090	6.9%	7	23	46	76

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17-2041	Chemical Engineers	1,530	1,670	9.2%	14	35	66	115
17-2051	Civil Engineers	13,220	14,530	9.9%	131	300	683	1,114
17-2061	Computer Hardware Engineers	2,690	3,020	12.3%	33	56	121	210
17-2071	Electrical Engineers	6,960	7,640	9.8%	67	165	292	524
17-2072	Electronics Engineers	3,970	4,210	6.0%	24	92	164	280
17-2081	Environmental Engineers	3,280	3,500	6.7%	22	79	139	240
17-2111	Health & Safety Engineers	940	1,030	9.6%	8	22	40	70
17-2112	Industrial Engineers	9,380	10,350	10.3%	97	225	402	724
17-2121	Marine Engineers & Naval Architects	80	80	0.0%	0	2	3	5
17-2131	Materials Engineers	1,440	1,530	6.2%	9	47	57	113
17-2141	Mechanical Engineers	13,190	14,480	9.8%	129	281	576	986
17-2151	Mining & Geological Engineers	400	420	5.0%	3	7	22	32
17-2161	Nuclear Engineers	1,960	1,990	1.5%	3	53	92	148
17-2171	Petroleum Engineers	800	840	5.0%	4	15	38	57
17-2199	Engineers, Other	4,140	4,460	7.7%	32	99	174	305
17-3000	Drafters, Engineering & Mapping Technicians	28,580	30,420	6.4%	184	920	1,604	2,708
17-3011	Architectural & Civil Drafters	5,020	5,400	7.6%	39	154	281	474
17-3012	Electrical & Electronics Drafters	1,170	1,250	6.8%	8	36	65	109
17-3013	Mechanical Drafters	3,410	3,660	7.3%	24	104	191	319
17-3022	Civil Engineering Technicians	2,310	2,540	10.0%	23	78	128	229
17-3023	Electrical & Electronic Engineering Technicians	5,420	5,580	3.0%	17	176	290	483
17-3024	Electro-Mechanical Technicians	550	580	5.5%	3	18	30	51
17-3025	Environmental Engineering Technicians	960	1,050	9.4%	9	32	53	94
17-3026	Industrial Engineering Technicians	2,440	2,570	5.3%	13	80	132	225
17-3027	Mechanical Engineering Technicians	2,090	2,230	6.7%	14	69	114	197
17-3029	Engineering Technicians, Other	2,980	3,130	5.0%	16	98	161	275
17-3031	Surveying & Mapping Technicians	1,930	2,090	8.3%	16	66	143	225
19-0000	Life, Physical & Social Science Occupations	52,740	56,310	6.8%	357	1,408	3,351	5,116
19-1000	Life Scientists	13,100	14,030	7.1%	93	269	872	1,234
19-1011	Animal Scientists	230	240	4.3%	1	6	17	24
19-1012	Food Scientists & Technologists	420	420	0.0%	0	11	30	41
19-1013	Soil & Plant Scientists	300	320	6.7%	2	8	23	33
19-1021	Biochemists & Biophysicists	1,330	1,400	5.3%	6	28	88	122
19-1022	Microbiologists	1,160	1,260	8.6%	9	25	78	112
19-1023	Zoologists & Wildlife Biologists	380	400	5.3%	2	8	25	35

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19-1029	Biological Scientists, Other	860	910	5.8%	5	18	57	80
19-1031	Conservation Scientists	930	970	4.3%	5	20	58	83
19-1032	Foresters	360	380	5.6%	2	8	22	32
19-1041	Epidemiologists	110	130	18.2%	1	2	8	11
19-1042	Medical Scientists	6,800	7,370	8.4%	56	131	451	638
19-1099	Life Scientists, Other	210	240	14.3%	2	4	14	20
19-2000	Physical Scientists	10,300	10,870	5.5%	57	248	680	985
19-2012	Physicists	290	310	6.9%	2	6	17	25
19-2021	Atmospheric & Space Scientists	150	160	6.7%	1	4	7	12
19-2031	Chemists	5,420	5,600	3.3%	18	139	345	502
19-2032	Materials Scientists	390	410	5.1%	2	10	25	37
19-2041	Environmental Scientists & Specialists	2,360	2,580	9.3%	22	53	169	244
19-2042	Geoscientists	1,130	1,230	8.8%	9	26	81	116
19-2043	Hydrologists	160	170	6.2%	2	4	11	17
19-2099	Physical Scientists, Other	380	400	5.3%	2	7	23	32
19-3000	Social Scientists & Related Workers	13,650	14,610	7.0%	96	352	687	1,135
19-3011	Economists	660	680	3.0%	2	9	37	48
19-3022	Survey Researchers	2,830	2,930	3.5%	10	82	177	269
19-3031	Clinical, Counseling & School Psychologists	6,570	7,180	9.3%	62	173	262	497
19-3032	Industrial-Organizational Psychologists	70	80	14.3%	1	2	3	6
19-3039	Psychologists, Other	530	570	7.5%	5	14	21	40
19-3041	Sociologists	90	80	-11.1%	-1	2	5	6
19-3051	Urban & Regional Planners	1,680	1,850	10.1%	18	35	106	159
19-3091	Anthropologists & Archeologists	130	110	-15.4%	-1	3	7	9
19-3093	Historians	120	120	0.0%	0	3	7	10
19-3094	Political Scientists	190	190	0.0%	0	5	12	17
19-3099	Social Scientists & Related Workers, Other	760	780	2.6%	2	22	47	71
19-4000	Life, Physical & Social Science Technicians	15,690	16,800	7.1%	111	539	1,112	1,762
19-4011	Agricultural & Food Science Technicians	730	770	5.5%	4	21	54	79
19-4021	Biological Technicians	4,330	4,770	10.2%	45	116	310	471
19-4031	Chemical Technicians	4,050	4,220	4.2%	17	137	243	397
19-4041	Geological & Petroleum Technicians	600	630	5.0%	3	17	44	64
19-4051	Nuclear Technicians	620	610	-1.6%	-1	24	46	69
19-4061	Social Science Research Assistants	870	910	4.6%	4	36	66	106
19-4091	Environmental Science & Protection Technicians	1,160	1,240	6.9%	8	48	89	145

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19-4092	Forensic Science Technicians	250	290	16.0%	4	11	20	35
19-4093	Forest & Conservation Technicians	940	970	3.2%	3	38	71	112
19-4099	Life, Physical & Social Science Technicians, Other	2,160	2,400	11.1%	24	91	170	285
21-0000	Community & Social Services Occupations	142,280	155,120	9.0%	1,285	5,928	9,818	17,031
21-1000	Counselors, Social Workers & Other Community & Social Service Specialist	114,670	126,710	10.5%	1,204	4,598	7,946	13,748
21-1011	Substance Abuse & Behavioral Disorder Counselors	7,710	8,830	14.5%	113	304	541	958
21-1012	Educational, Guidance, School & Vocational Counselors	8,980	9,710	8.1%	74	344	611	1,029
21-1013	Marriage & Family Therapists	1,560	1,790	14.7%	23	62	110	195
21-1014	Mental Health Counselors	14,710	16,810	14.3%	210	580	1,031	1,821
21-1015	Rehabilitation Counselors	9,060	9,840	8.6%	78	347	618	1,043
21-1019	Counselors, Other	1,240	1,340	8.1%	10	48	85	143
21-1021	Child, Family & School Social Workers	19,910	21,610	8.5%	170	746	1,320	2,236
21-1022	Healthcare Social Workers	7,760	8,880	14.4%	112	299	529	940
21-1023	Mental Health & Substance Abuse Social Workers	11,040	12,490	13.1%	145	423	748	1,316
21-1029	Social Workers, Other	1,330	1,390	4.5%	6	49	86	141
21-1091	Health Educators	2,300	2,540	10.4%	24	109	180	313
21-1092	Probation Officers & Correctional Treatment Specialists	4,490	4,680	4.2%	19	139	242	400
21-1093	Social & Human Service Assistants	21,350	23,260	8.9%	191	997	1,596	2,784
21-1094	Community Health Workers	1,740	1,950	12.1%	22	83	137	242
21-1099	Community & Social Service Specialists, Other	1,510	1,590	5.3%	9	70	115	194
21-2000	Religious Workers	27,610	28,410	2.9%	80	1,330	1,873	3,283
21-2011	Clergy	15,360	15,860	3.3%	50	716	958	1,724
21-2021	Directors, Religious Activities & Education	9,190	9,420	2.5%	23	413	706	1,142
21-2099	Religious Workers, Other	3,050	3,130	2.6%	8	201	209	418
23-0000	Legal Occupations	49,600	53,590	8.0%	399	1,241	1,757	3,397
23-1000	Lawyers, Judges & Related Workers	34,360	36,630	6.6%	227	699	782	1,708
23-1011	Lawyers	31,640	33,790	6.8%	215	650	708	1,573
23-1012	Judicial Law Clerks	1,160	1,200	3.4%	4	17	40	61
23-1021	Administrative Law Judges, Adjudicators & Hearing Officers	900	940	4.4%	4	18	20	42
23-1022	Arbitrators, Mediators & Conciliators	390	420	7.7%	2	8	9	19
23-1023	Judges, Magistrate Judges & Magistrates	270	280	3.7%	1	6	6	13
23-2000	Legal Support Workers	15,240	16,960	11.3%	172	542	974	1,688
23-2011	Paralegals & Legal Assistants	10,670	12,230	14.6%	155	378	761	1,294
23-2091	Court Reporters	910	950	4.4%	4	33	42	79
23-2093	Title Examiners, Abstractors & Searchers	2,640	2,740	3.8%	10	95	123	228

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23-2099	Legal Support Workers, Other	1,020	1,050	2.9%	3	36	47	86
25-0000	Education, Training & Library Occupations	341,210	365,120	7.0%	2,391	14,640	14,464	31,495
25-1000	Postsecondary Teachers	73,300	81,330	11.0%	803	2,831	2,949	6,583
25-1011	Business Teachers, Postsecondary	5,910	6,890	16.6%	98	234	244	576
25-1021	Computer Science Teachers, Postsecondary	1,680	1,800	7.1%	12	64	66	142
25-1022	Mathematical Science Teachers, Postsecondary	2,940	3,170	7.8%	23	112	117	252
25-1032	Engineering Teachers, Postsecondary	3,180	3,570	12.3%	39	124	129	292
25-1041	Agricultural Sciences Teachers, Postsecondary	400	420	5.0%	2	15	16	33
25-1042	Biological Science Teachers, Postsecondary	3,520	4,010	13.9%	49	138	144	331
25-1051	Atmospheric, Earth, Marine & Space Sciences Teachers, Postsecondary	1,030	1,100	6.8%	7	39	40	86
25-1052	Chemistry Teachers, Postsecondary	1,530	1,650	7.8%	12	58	61	131
25-1053	Environmental Science Teachers, Postsecondary	330	350	6.1%	2	12	13	27
25-1054	Physics Teachers, Postsecondary	950	1,020	7.4%	7	36	38	81
25-1061	Anthropology & Archeology Teachers, Postsecondary	280	300	7.1%	2	11	11	24
25-1062	Area, Ethnic & Cultural Studies Teachers, Postsecondary	500	540	8.0%	4	19	20	43
25-1063	Economics Teachers, Postsecondary	990	1,070	8.1%	8	38	39	85
25-1064	Geography Teachers, Postsecondary	320	340	6.2%	2	12	13	27
25-1065	Political Science Teachers, Postsecondary	1,060	1,140	7.5%	9	40	42	91
25-1066	Psychology Teachers, Postsecondary	2,490	2,810	12.9%	32	97	101	230
25-1067	Sociology Teachers, Postsecondary	1,260	1,360	7.9%	10	48	50	108
25-1069	Social Sciences Teachers, Postsecondary, Other	440	470	6.8%	4	17	17	38
25-1071	Health Specialties Teachers, Postsecondary	6,640	8,180	23.2%	154	271	283	708
25-1072	Nursing Instructors & Teachers, Postsecondary	3,170	3,910	23.3%	73	130	135	338
25-1081	Education Teachers, Postsecondary	3,410	3,670	7.6%	26	130	135	291
25-1082	Library Science Teachers, Postsecondary	360	390	8.3%	2	14	14	30
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	730	820	12.3%	9	28	30	67
25-1112	Law Teachers, Postsecondary	540	590	9.3%	5	21	22	48
25-1113	Social Work Teachers, Postsecondary	690	740	7.2%	5	26	27	58
25-1121	Art, Drama & Music Teachers, Postsecondary	6,090	6,640	9.0%	54	233	243	530
25-1122	Communications Teachers, Postsecondary	1,590	1,720	8.2%	12	61	63	136
25-1123	English Language & Literature Teachers, Postsecondary	4,290	4,620	7.7%	34	163	170	367
25-1124	Foreign Language & Literature Teachers, Postsecondary	2,110	2,280	8.1%	18	80	84	182
25-1125	History Teachers, Postsecondary	1,360	1,470	8.1%	11	52	54	117
25-1126	Philosophy & Religion Teachers, Postsecondary	1,560	1,720	10.3%	16	60	63	139
25-1191	Graduate Teaching Assistants	1,250	1,320	5.6%	7	47	49	103

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25-1192	Home Economics Teachers, Postsecondary	130	140	7.7%	1	5	5	11
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	1,100	1,190	8.2%	8	42	44	94
25-1194	Vocational Education Teachers, Postsecondary	4,780	4,880	2.1%	10	177	184	371
25-1199	Postsecondary Teachers, Other	3,980	4,280	7.5%	30	151	158	339
25-2000	Primary, Secondary & Special Education School Teachers	164,070	173,190	5.6%	912	5,687	6,625	13,224
25-2011	Preschool Teachers	17,590	18,790	6.8%	120	783	971	1,874
25-2012	Kindergarten Teachers	4,860	5,130	5.6%	27	215	267	509
25-2021	Elementary School Teachers	50,330	53,020	5.3%	268	1,705	1,913	3,886
25-2022	Middle School Teachers	23,500	24,830	5.7%	133	797	894	1,824
25-2023	Career/Technical Education Teachers, Middle School	640	670	4.7%	3	22	24	49
25-2031	Secondary School Teachers	42,990	45,360	5.5%	237	1,353	1,648	3,238
25-2032	Career/Technical Education Teachers, Secondary School	4,320	4,510	4.4%	19	135	165	319
25-2051	Special Education Teachers, Preschool	660	690	4.5%	3	22	25	50
25-2052	Special Education Teachers, Kindergarten & Elementary School	8,990	9,450	5.1%	46	306	336	688
25-2053	Special Education Teachers, Middle School	3,100	3,260	5.2%	16	106	116	238
25-2054	Special Education Teachers, Secondary School	6,890	7,270	5.5%	38	235	258	531
25-2059	Special Education Teachers, Other	190	210	10.5%	2	7	7	16
25-3000	Other Teachers & Instructors	40,660	43,720	7.5%	306	2,572	1,974	4,852
25-3011	Adult Basic & Secondary Education & Literacy Teachers	1,810	1,790	-1.1%	-2	110	84	192
25-3021	Self-Enrichment Education Teachers	13,500	14,450	7.0%	95	852	654	1,601
25-3097	Teachers & Instructors, Other, Except Substitutes	9,700	10,760	10.9%	106	623	479	1,208
25-3098	Substitute Teachers	15,650	16,730	6.9%	108	987	758	1,853
25-4000	Librarians, Curators & Archivists	9,200	9,550	3.8%	36	561	418	1,015
25-4011	Archivists	310	330	6.5%	3	13	18	34
25-4012	Curators	570	620	8.8%	6	25	34	65
25-4013	Museum Technicians & Conservators	500	540	8.0%	4	22	30	56
25-4021	Librarians	5,080	5,220	2.8%	14	281	192	487
25-4031	Library Technicians	2,750	2,840	3.3%	10	220	143	373
25-9000	Other Education, Training & Library Occupations	53,980	57,330	6.2%	335	2,989	2,498	5,822
25-9031	Instructional Coordinators	5,380	5,750	6.9%	37	264	228	529
25-9041	Teacher Assistants	45,390	48,160	6.1%	277	2,567	2,134	4,978
25-9099	Education, Training & Library Workers, Other	1,550	1,670	7.7%	12	77	66	155
27-0000	Arts, Design, Entertainment, Sports & Media Occupations	81,900	83,380	1.8%	148	3,342	4,546	8,036
27-1000	Art & Design Workers	24,610	24,770	0.7%	16	940	1,252	2,208
27-1011	Art Directors	2,740	2,780	1.5%	4	134	80	218

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27-1012	Craft Artists	170	170	0.0%	0	8	5	13
27-1013	Fine Artists	720	720	0.0%	0	35	21	56
27-1014	Multimedia Artists & Animators	1,120	1,150	2.7%	3	56	33	92
27-1019	Artists & Related Workers, Other	220	230	4.5%	0	11	7	18
27-1021	Commercial & Industrial Designers	1,710	1,780	4.1%	7	62	98	167
27-1022	Fashion Designers	270	230	-14.8%	-4	9	14	19
27-1023	Floral Designers	1,890	1,610	-14.8%	-27	62	98	133
27-1024	Graphic Designers	10,820	11,120	2.8%	29	388	617	1,034
27-1025	Interior Designers	1,810	1,770	-2.2%	-3	63	101	161
27-1026	Merchandise Displayers & Window Trimmers	2,850	2,920	2.5%	6	102	162	270
27-1027	Set & Exhibit Designers	200	210	5.0%	1	7	12	20
27-1029	Designers, Other	90	90	0.0%	1	3	5	9
27-2000	Entertainers & Performers, Sports & Related Workers	23,030	24,200	5.1%	118	1,228	1,344	2,690
27-2011	Actors	1,430	1,540	7.7%	11	72	74	157
27-2012	Producers & Directors	2,980	3,250	9.1%	27	78	192	297
27-2022	Coaches & Scouts	8,040	8,670	7.8%	62	466	630	1,158
27-2023	Umpires, Referees & Other Sports Officials	340	360	5.9%	2	20	26	48
27-2031	Dancers	190	190	0.0%	0	12	13	25
27-2032	Choreographers	130	130	0.0%	0	8	9	17
27-2041	Music Directors & Composers	3,730	3,770	1.1%	4	216	139	359
27-2042	Musicians & Singers	5,430	5,490	1.1%	6	314	202	522
27-3000	Media & Communication Workers	24,630	25,080	1.8%	45	843	1,478	2,366
27-3012	Public Address System & Other Announcers	320	330	3.1%	1	14	17	32
27-3022	Reporters & Correspondents	1,630	1,300	-20.2%	-34	45	97	108
27-3031	Public Relations Specialists	9,800	10,550	7.7%	75	285	689	1,049
27-3041	Editors	3,870	3,680	-4.9%	-20	125	239	344
27-3042	Technical Writers	1,670	1,850	10.8%	18	56	106	180
27-3043	Writers & Authors	4,000	4,070	1.8%	7	172	172	351
27-3091	Interpreters & Translators	1,270	1,430	12.6%	16	61	58	135
27-3099	Media & Communication Workers, Other	290	310	6.9%	3	14	13	30
27-4000	Media & Communication Equipment Workers	9,640	9,320	-3.3%	-32	332	471	771
27-4011	Audio & Video Equipment Technicians	2,430	2,700	11.1%	28	72	158	258
27-4012	Broadcast Technicians	830	810	-2.4%	-2	23	50	71
27-4014	Sound Engineering Technicians	230	250	8.7%	2	7	15	24
27-4021	Photographers	4,680	3,980	-15.0%	-71	185	151	265

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27-4031	Camera Operators: TV, Video & Motion Picture	740	780	5.4%	4	22	48	74
27-4032	Film & Video Editors	500	560	12.0%	6	16	34	56
27-4099	Media & Communication Equipment Workers, Other	240	240	0.0%	1	7	15	23
29-0000	Healthcare Practitioners & Technical Occupations	395,930	443,430	12.0%	4,750	11,184	10,782	26,716
29-1000	Health Diagnosing & Treating Practitioners	249,460	282,760	13.3%	3,330	6,519	5,540	15,389
29-1011	Chiropractors	2,010	2,110	5.0%	10	34	16	60
29-1021	Dentists, General	5,140	5,580	8.6%	44	99	40	183
29-1022	Oral & Maxillofacial Surgeons	160	170	6.2%	1	3	1	5
29-1023	Orthodontists	150	160	6.7%	1	3	1	5
29-1029	Dentists, Other Specialists	100	110	10.0%	0	2	1	3
29-1031	Dietitians & Nutritionists	3,110	3,530	13.5%	42	104	95	241
29-1041	Optometrists	1,750	1,920	9.7%	17	31	24	72
29-1051	Pharmacists	13,560	13,850	2.1%	29	316	264	609
29-1061	Anesthesiologists	1,520	1,620	6.6%	10	23	17	50
29-1062	Family & General Practitioners	4,810	5,130	6.7%	32	73	55	160
29-1063	Internists, General	1,100	1,180	7.3%	8	17	13	38
29-1064	Obstetricians & Gynecologists	420	440	4.8%	3	6	5	14
29-1065	Pediatricians, General	570	620	8.8%	6	9	7	22
29-1066	Psychiatrists	970	1,050	8.2%	8	15	11	34
29-1067	Surgeons	1,930	2,040	5.7%	11	29	22	62
29-1069	Physicians & Surgeons, Other	19,670	21,230	7.9%	157	300	226	683
29-1071	Physician Assistants	5,500	7,220	31.3%	172	110	225	507
29-1081	Podiatrists	570	580	1.8%	1	13	16	30
29-1122	Occupational Therapists	6,900	8,320	20.6%	142	157	211	510
29-1123	Physical Therapists	11,510	14,260	23.9%	275	248	268	791
29-1124	Radiation Therapists	760	820	7.9%	7	20	17	44
29-1125	Recreational Therapists	1,330	1,400	5.3%	7	39	36	82
29-1126	Respiratory Therapists	5,430	6,780	24.9%	134	144	138	416
29-1127	Speech-Language Pathologists	5,490	6,280	14.4%	78	107	183	368
29-1128	Exercise Physiologists	550	610	10.9%	6	14	17	37
29-1129	Therapists, Other	480	550	14.6%	7	12	15	34
29-1131	Veterinarians	3,330	3,640	9.3%	31	65	57	153
29-1141	Registered Nurses	141,420	160,360	13.4%	1,894	4,320	3,280	9,494
29-1151	Nurse Anesthetists	2,350	2,560	8.9%	21	33	81	135
29-1161	Nurse Midwives	230	270	17.4%	4	5	7	16

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29-1171	Nurse Practitioners	5,140	6,710	30.5%	157	115	170	442
29-1181	Audiologists	660	750	13.6%	9	18	14	41
29-1199	Health Diagnosing & Treating Practitioners, Other	870	920	5.7%	5	36	9	50
29-2000	Health Technologists & Technicians	139,760	153,300	9.7%	1,355	4,508	5,049	10,912
29-2011	Medical & Clinical Laboratory Technologists	8,040	8,810	9.6%	77	255	255	587
29-2012	Medical & Clinical Laboratory Technicians	7,700	8,590	11.6%	89	246	246	581
29-2021	Dental Hygienists	9,770	10,530	7.8%	76	367	228	671
29-2031	Cardiovascular Technologists & Technicians	2,880	3,130	8.7%	26	78	75	179
29-2032	Diagnostic Medical Sonographers	2,550	2,990	17.3%	45	72	69	186
29-2033	Nuclear Medicine Technologists	910	980	7.7%	6	24	24	54
29-2034	Radiologic Technologists	10,240	11,190	9.3%	95	277	267	639
29-2035	Magnetic Resonance Imaging Technologists	1,190	1,290	8.4%	10	32	31	73
29-2041	Emergency Medical Technicians & Paramedics	12,150	13,700	12.8%	156	225	532	913
29-2051	Dietetic Technicians	1,210	1,330	9.9%	13	41	56	110
29-2052	Pharmacy Technicians	16,430	17,670	7.5%	125	554	756	1,435
29-2053	Psychiatric Technicians	2,050	2,020	-1.5%	-3	66	90	153
29-2054	Respiratory Therapy Technicians	320	270	-15.6%	-5	10	13	18
29-2055	Surgical Technologists	3,800	4,230	11.3%	43	130	178	351
29-2056	Veterinary Technologists & Technicians	4,890	5,390	10.2%	50	167	228	445
29-2057	Ophthalmic Medical Technicians	1,430	1,580	10.5%	15	49	66	130
29-2061	Licensed Practical & Licensed Vocational Nurses	38,740	42,320	9.2%	358	1,429	1,408	3,195
29-2071	Medical Records & Health Information Technicians	7,770	8,610	10.8%	84	240	244	568
29-2081	Opticians, Dispensing	3,410	3,680	7.9%	27	118	131	276
29-2091	Orthotists & Prosthetists	290	320	10.3%	3	8	10	21
29-2092	Hearing Aid Specialists	260	280	7.7%	2	8	9	19
29-2099	Health Technologists & Technicians, Other	3,760	4,400	17.0%	64	113	135	312
29-9000	Other Healthcare Practitioners & Technical Occupations	6,710	7,370	9.8%	66	156	193	415
29-9011	Occupational Health & Safety Specialists	3,260	3,470	6.4%	21	75	92	188
29-9012	Occupational Health & Safety Technicians	790	840	6.3%	4	18	22	44
29-9091	Athletic Trainers	1,570	1,870	19.1%	31	38	47	116
29-9092	Genetic Counselors	70	90	28.6%	2	2	2	6
29-9099	Healthcare Practitioners & Technical Workers, Other	1,010	1,100	8.9%	8	24	29	61
31-0000	Healthcare Support Occupations	198,080	229,690	16.0%	3,161	12,155	11,623	26,939
31-1000	Nursing, Psychiatric & Home Health Aides	130,410	151,080	15.9%	2,067	8,550	7,114	17,731
31-1011	Home Health Aides	47,040	59,670	26.8%	1,263	3,241	2,697	7,201

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31-1013	Psychiatric Aides	2,240	2,230	-0.4%	-1	136	113	248
31-1014	Nursing Assistants	78,610	86,510	10.0%	790	5,016	4,173	9,979
31-1015	Orderlies	2,520	2,660	5.6%	15	157	131	303
31-2000	Occupational & Physical Therapist Assistants & Aides	9,780	12,220	24.9%	244	503	804	1,551
31-2011	Occupational Therapy Assistants	2,360	2,940	24.6%	57	133	190	380
31-2012	Occupational Therapy Aides	610	730	19.7%	12	33	48	93
31-2021	Physical Therapist Assistants	4,570	5,740	25.6%	117	226	380	723
31-2022	Physical Therapist Aides	2,240	2,810	25.4%	58	111	186	355
31-9000	Other Healthcare Support Occupations	57,880	66,390	14.7%	850	3,101	3,705	7,656
31-9011	Massage Therapists	3,710	4,540	22.4%	83	270	148	501
31-9091	Dental Assistants	11,770	12,750	8.3%	98	626	702	1,426
31-9092	Medical Assistants	26,930	32,810	21.8%	588	1,311	1,834	3,733
31-9093	Medical Equipment Preparers	2,010	2,190	9.0%	18	132	125	275
31-9094	Medical Transcriptionists	2,650	2,200	-17.0%	-45	161	122	238
31-9095	Pharmacy Aides	1,630	1,500	-8.0%	-14	104	106	196
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	2,670	2,930	9.7%	26	162	262	450
31-9097	Phlebotomists	4,840	5,600	15.7%	76	225	301	602
31-9099	Healthcare Support Workers, Other	1,680	1,870	11.3%	19	111	106	236
33-0000	Protective Service Occupations	126,170	128,880	2.1%	271	6,779	7,085	14,135
33-1000	Supervisors - Protective Service Workers	7,470	7,650	2.4%	18	263	283	564
33-1011	Supervisors - Correctional Officers	630	580	-7.9%	-5	19	21	35
33-1012	Supervisors - Police & Detectives	3,430	3,570	4.1%	14	98	108	220
33-1021	Supervisors - Fire Fighting & Prevention	930	970	4.3%	4	32	29	65
33-1099	Supervisors - Protective Service Workers, Other	2,480	2,540	2.4%	6	115	125	246
33-2000	Fire Fighting & Prevention Workers	5,560	5,770	3.8%	21	133	242	396
33-2011	Firefighters	5,350	5,550	3.7%	20	122	231	373
33-3000	Law Enforcement Workers	50,100	49,770	-0.7%	-32	1,424	2,031	3,423
33-3011	Bailiffs	220	210	-4.5%	-1	7	10	16
33-3012	Correctional Officers & Jailers	17,660	16,210	-8.2%	-145	598	761	1,214
33-3021	Detectives & Criminal Investigators	3,620	3,740	3.3%	12	98	128	238
33-3031	Fish & Game Wardens	270	280	3.7%	1	15	10	26
33-3041	Parking Enforcement Workers	400	250	-37.5%	-15	18	11	14
33-3051	Police & Sheriff's Patrol Officers	27,850	29,000	4.1%	115	687	1,108	1,910
33-3052	Transit & Railroad Police	90	90	0.0%	0	2	3	5
33-9000	Other Protective Service Workers	63,040	65,690	4.2%	264	4,959	4,529	9,752

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33-9011	Animal Control Workers	250	260	4.0%	2	12	15	29
33-9021	Private Detectives & Investigators	1,890	2,000	5.8%	11	98	84	193
33-9031	Gaming Surveillance Officers & Gaming Investigators	500	520	4.0%	2	30	36	68
33-9032	Security Guards	44,700	46,280	3.5%	158	2,697	3,209	6,064
33-9091	Crossing Guards	6,210	6,640	6.9%	43	897	252	1,192
33-9092	Lifeguards, Ski Patrol & Other Recreational Protective Service	5,170	5,420	4.8%	26	733	559	1,318
33-9093	Transportation Security Screeners	1,390	1,430	2.9%	3	71	54	128
33-9099	Protective Service Workers, Other	2,940	3,130	6.5%	19	421	321	761
35-0000	Food Preparation & Serving Related Occupations	498,670	547,640	9.8%	4,897	39,316	49,668	93,881
35-1000	Supervisors, Food Preparation & Serving Workers	35,730	38,850	8.7%	312	1,620	3,540	5,472
35-1011	Chefs & Head Cooks	3,830	4,170	8.9%	34	128	364	526
35-1012	Supervisors - Food Preparation & Serving Workers	31,900	34,680	8.7%	278	1,491	3,176	4,945
35-2000	Cooks & Food Preparation Workers	111,970	120,210	7.4%	824	7,425	9,483	17,732
35-2011	Cooks, Fast Food	8,400	8,010	-4.6%	-39	481	657	1,099
35-2012	Cooks, Institution & Cafeteria	20,390	21,800	6.9%	141	1,236	1,688	3,065
35-2013	Cooks, Private Household	480	480	0.0%	0	28	38	66
35-2014	Cooks, Restaurant	47,540	53,000	11.5%	547	2,945	4,022	7,514
35-2015	Cooks, Short Order	6,780	6,560	-3.2%	-22	391	533	902
35-2019	Cooks, Other	150	160	6.7%	0	9	12	21
35-2021	Food Preparation Workers	28,230	30,200	7.0%	197	2,335	2,533	5,065
35-3000	Food & Beverage Serving Workers	298,610	332,830	11.5%	3,422	25,329	31,841	60,592
35-3011	Bartenders	32,270	33,070	2.5%	80	1,574	3,748	5,402
35-3021	Combined Food Preparation & Serving Workers	145,800	170,000	16.6%	2,420	13,982	14,623	31,025
35-3022	Counter Attendants, Cafeteria, Food Concession & Coffee Shop	10,420	11,000	5.6%	59	1,287	1,011	2,357
35-3031	Waiters & Waitresses	98,740	106,060	7.4%	732	7,579	11,613	19,924
35-3041	Food Servers, Nonrestaurant	11,390	12,700	11.5%	131	907	846	1,884
35-9000	Other Food Preparation & Serving Related Workers	52,370	55,750	6.5%	338	4,942	4,804	10,084
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	15,010	16,130	7.5%	111	1,386	1,234	2,731
35-9021	Dishwashers	20,320	21,310	4.9%	99	1,540	1,658	3,297
35-9031	Hosts & Hostesses: Restaurant, Lounge & Coffee Shop	16,330	17,540	7.4%	122	1,950	1,853	3,925
35-9099	Food Preparation & Serving Related Workers, Other	710	770	8.5%	6	66	59	131
37-0000	Building & Grounds Cleaning & Maintenance Occupations	209,280	223,020	6.6%	1,374	13,318	13,660	28,352
37-1000	Supervisors of Building & Grounds Cleaning & Maintenance Workers	14,250	15,200	6.7%	95	647	889	1,631
37-1011	Supervisors - Housekeeping & Janitorial Workers	9,100	9,720	6.8%	62	475	568	1,105
37-1012	Supervisors - Landscaping & Groundskeeping Workers	5,150	5,480	6.4%	33	172	321	526

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37-2000	Building Cleaning & Pest Control Workers	150,120	159,740	6.4%	962	10,500	9,450	20,912
37-2011	Janitors & Cleaners	95,570	102,310	7.1%	674	6,441	6,224	13,339
37-2012	Maids & Housekeeping Cleaners	51,710	54,460	5.3%	276	3,931	2,968	7,175
37-2019	Building Cleaning Workers, Other	570	610	7.0%	5	38	37	80
37-2021	Pest Control Workers	2,280	2,360	3.5%	8	90	221	319
37-3000	Grounds Maintenance Workers	44,910	48,080	7.1%	317	2,171	3,321	5,809
37-3011	Landscaping & Groundskeeping Workers	41,710	44,680	7.1%	296	2,017	3,085	5,398
37-3012	Pesticide Handlers, Sprayers & Applicators, Vegetation	910	960	5.5%	5	44	67	116
37-3013	Tree Trimmers & Pruners	2,190	2,350	7.3%	16	106	162	284
37-3019	Grounds Maintenance Workers, Other	90	90	0.0%	0	4	7	11
39-0000	Personal Care & Service Occupations	279,300	310,080	11.0%	3,078	22,014	20,118	45,210
39-1000	Supervisors, Personal Care & Service Workers	14,060	15,140	7.7%	108	700	718	1,526
39-1011	Gaming Supervisors	790	810	2.5%	2	38	85	125
39-1012	Slot Supervisors	190	200	5.3%	1	9	21	31
39-1021	Supervisors - Personal Service Workers	13,080	14,130	8.0%	105	652	611	1,368
39-2000	Animal Care & Service Workers	9,620	11,030	14.7%	140	675	805	1,620
39-2011	Animal Trainers	1,460	1,540	5.5%	8	72	94	174
39-2021	Nonfarm Animal Caretakers	8,160	9,490	16.3%	133	603	712	1,448
39-3000	Entertainment Attendants & Related Workers	24,500	26,190	6.9%	169	2,507	2,757	5,433
39-3011	Gaming Dealers	6,240	6,530	4.6%	28	375	567	970
39-3012	Gaming & Sports Book Writers & Runners	180	190	5.6%	1	11	16	28
39-3021	Motion Picture Projectionists	290	260	-10.3%	-3	12	22	31
39-3031	Ushers, Lobby Attendants & Ticket Takers	6,010	6,390	6.3%	38	814	692	1,544
39-3091	Amusement & Recreation Attendants	10,340	11,240	8.7%	90	1,139	1,282	2,511
39-3092	Costume Attendants	210	220	4.8%	2	23	26	51
39-3093	Locker Room, Coatroom & Dressing Room Attendants	780	840	7.7%	6	85	96	187
39-4000	Funeral Service Workers	3,520	3,600	2.3%	8	265	233	506
39-4021	Funeral Attendants	2,250	2,290	1.8%	4	201	140	345
39-4031	Morticians, Undertakers & Funeral Directors	1,270	1,310	3.1%	4	64	94	162
39-5000	Personal Appearance Workers	51,920	57,390	10.5%	547	3,522	2,722	6,791
39-5011	Barbers	2,720	2,950	8.5%	23	129	126	278
39-5012	Hairdressers, Hairstylists & Cosmetologists	39,920	44,070	10.4%	414	2,802	2,096	5,312
39-5092	Manicurists & Pedicurists	6,620	7,400	11.8%	78	422	356	856
39-5093	Shampooers	930	1,040	11.8%	11	59	50	120
39-5094	Skincare Specialists	1,690	1,880	11.2%	19	107	91	217

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39-6000	Transportation, Tourism & Lodging Attendants	1,940	2,080	7.2%	14	96	176	286
39-6011	Baggage Porters & Bellhops	1,350	1,450	7.4%	10	67	123	200
39-6012	Concierges	590	630	6.8%	4	29	53	86
39-7000	Tour & Travel Guides	1,890	2,020	6.9%	14	171	164	349
39-9000	Other Personal Care & Service Workers	171,850	192,630	12.1%	2,078	14,079	12,543	28,700
39-9011	Childcare Workers	44,830	46,220	3.1%	140	3,716	2,819	6,675
39-9021	Personal Care Aides	89,460	106,150	18.7%	1,669	7,806	5,880	15,355
39-9031	Fitness Trainers & Aerobics Instructors	12,650	13,570	7.3%	92	858	1,311	2,261
39-9032	Recreation Workers	14,560	15,540	6.7%	98	985	1,505	2,588
39-9041	Residential Advisors	8,590	9,310	8.4%	72	594	887	1,553
39-9099	Personal Care & Service Workers, Other	1,770	1,840	4.0%	7	121	140	268
41-0000	Sales & Related Occupations	601,030	609,920	1.5%	889	35,676	46,690	83,255
41-1000	Supervisors - Sales Workers	66,730	68,340	2.4%	161	2,438	4,370	6,969
41-1011	Supervisors - Retail Sales Workers	51,830	53,080	2.4%	125	1,936	3,530	5,591
41-1012	Supervisors - Non-Retail Sales Workers	14,890	15,260	2.5%	36	502	840	1,378
41-2000	Retail Sales Workers	349,330	348,810	-0.1%	-52	26,224	29,406	55,578
41-2011	Cashiers	147,220	142,990	-2.9%	-423	13,624	13,296	26,497
41-2012	Gaming Change Persons & Booth Cashiers	700	670	-4.3%	-3	64	63	124
41-2021	Counter & Rental Clerks	13,370	14,160	5.9%	80	723	1,010	1,813
41-2022	Parts Salespersons	9,100	9,670	6.3%	58	408	742	1,208
41-2031	Retail Salespersons	178,950	181,320	1.3%	237	11,404	14,295	25,936
41-3000	Sales Representatives, Services	73,960	78,010	5.5%	405	2,604	5,648	8,657
41-3011	Advertising Sales Agents	5,040	4,940	-2.0%	-10	186	431	607
41-3021	Insurance Sales Agents	18,470	19,390	5.0%	92	769	1,018	1,879
41-3031	Securities, Commodities & Financial Services Sales Agents	10,540	11,340	7.6%	80	287	721	1,088
41-3041	Travel Agents	3,080	2,530	-17.9%	-55	150	170	265
41-3099	Sales Representatives, Other Services	36,840	39,810	8.1%	297	1,212	3,308	4,817
41-4000	Sales Representatives, Wholesale & Manufacturing	79,260	82,130	3.6%	287	2,663	5,405	8,355
41-4011	Sales Representatives, Technical & Scientific Products	13,580	14,010	3.2%	43	455	924	1,422
41-4012	Sales Representatives	65,680	68,120	3.7%	244	2,208	4,481	6,933
41-9000	Other Sales & Related Workers	31,760	32,630	2.7%	88	1,747	1,861	3,696
41-9011	Demonstrators & Product Promoters	2,200	2,380	8.2%	18	230	156	404
41-9012	Models	110	120	9.1%	1	11	8	20
41-9021	Real Estate Brokers	2,130	2,220	4.2%	10	111	85	206
41-9022	Real Estate Sales Agents	14,520	15,100	4.0%	58	758	577	1,393

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41-9031	Sales Engineers	3,460	3,630	4.9%	17	83	272	372
41-9041	Telemarketers	6,390	6,140	-3.9%	-25	374	591	940
41-9091	Door-to-Door Sales Workers, News & Street Vendors & Related Workers	1,480	1,420	-4.1%	-6	98	54	146
41-9099	Sales & Related Workers, Other	1,470	1,630	10.9%	15	82	118	215
43-0000	Office & Administrative Support Occupations	965,560	947,340	-1.9%	-1,823	49,360	57,438	104,975
43-1000	Supervisors - Office & Administrative Support Workers	65,200	65,420	0.3%	22	2,534	3,770	6,326
43-1011	Supervisors - Office & Administrative Support Workers	65,200	65,420	0.3%	22	2,534	3,770	6,326
43-2000	Communications Equipment Operators	4,760	3,760	-21.0%	-99	266	289	456
43-2011	Switchboard Operators	4,090	3,260	-20.3%	-83	230	245	392
43-2021	Telephone Operators	630	460	-27.0%	-17	34	41	58
43-3000	Financial Clerks	137,140	133,860	-2.4%	-328	7,160	7,389	14,221
43-3011	Bill & Account Collectors	11,420	10,760	-5.8%	-66	417	728	1,079
43-3021	Billing & Posting Clerks	24,990	27,460	9.9%	247	1,122	1,444	2,813
43-3031	Bookkeeping, Accounting & Auditing Clerks	65,800	63,940	-2.8%	-186	4,017	3,117	6,948
43-3041	Gaming Cage Workers	440	460	4.5%	2	28	42	72
43-3051	Payroll & Timekeeping Clerks	7,190	7,020	-2.4%	-17	300	400	683
43-3061	Procurement Clerks	3,050	2,920	-4.3%	-13	126	194	307
43-3071	Tellers	23,220	20,130	-13.3%	-309	1,110	1,392	2,193
43-3099	Financial Clerks, Other	1,040	1,170	12.5%	13	42	72	127
43-4000	Information & Record Clerks	228,950	234,480	2.4%	554	12,068	16,276	28,898
43-4011	Brokerage Clerks	3,210	3,430	6.9%	22	83	252	357
43-4021	Correspondence Clerks	510	520	2.0%	1	24	34	59
43-4031	Court, Municipal & License Clerks	2,190	2,270	3.7%	8	100	88	196
43-4041	Credit Authorizers, Checkers & Clerks	1,710	1,580	-7.6%	-12	57	107	152
43-4051	Customer Service Representatives	116,990	119,420	2.1%	244	6,042	8,868	15,154
43-4061	Eligibility Interviewers, Government Programs	8,130	8,530	4.9%	39	331	391	761
43-4071	File Clerks	4,590	4,020	-12.4%	-58	264	260	466
43-4081	Hotel, Motel & Resort Desk Clerks	8,380	8,830	5.4%	45	476	850	1,371
43-4111	Interviewers	9,840	10,060	2.2%	21	532	622	1,175
43-4121	Library Assistants, Clerical	5,260	5,420	3.0%	16	424	322	762
43-4131	Loan Interviewers & Clerks	8,680	9,250	6.6%	58	322	518	898
43-4141	New Accounts Clerks	1,370	1,250	-8.8%	-12	56	81	125
43-4151	Order Clerks	6,730	6,600	-1.9%	-13	309	436	732
43-4161	Human Resources Assistants	5,650	5,460	-3.4%	-20	234	373	587
43-4171	Receptionists & Information Clerks	39,910	41,810	4.8%	190	2,541	2,712	5,443

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43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	2,830	2,920	3.2%	10	124	172	306
43-4199	Information & Record Clerks, Other	2,980	3,120	4.7%	15	148	191	354
43-5000	Material Recording, Scheduling, Dispatching & Distributing Workers	170,740	171,280	0.3%	54	8,037	10,486	18,577
43-5011	Cargo & Freight Agents	2,250	2,400	6.7%	16	72	116	204
43-5021	Couriers & Messengers	3,320	3,510	5.7%	19	157	149	325
43-5031	Police, Fire & Ambulance Dispatchers	3,640	3,850	5.8%	21	132	202	355
43-5032	Dispatchers	7,380	7,370	-0.1%	0	260	397	657
43-5041	Meter Readers, Utilities	1,340	1,300	-3.0%	-4	42	53	91
43-5051	Postal Service Clerks	3,810	3,190	-16.3%	-62	177	96	211
43-5052	Postal Service Mail Carriers	13,860	11,620	-16.2%	-224	492	359	627
43-5053	Postal Service Mail Sorters, Processors & Processing Machine Operators	5,390	4,300	-20.2%	-110	206	138	234
43-5061	Production, Planning & Expediting Clerks	13,590	14,460	6.4%	86	487	910	1,483
43-5071	Shipping, Receiving & Traffic Clerks	24,360	24,750	1.6%	39	959	1,462	2,460
43-5081	Stock Clerks & Order Fillers	89,530	92,190	3.0%	266	4,961	6,472	11,699
43-5111	Weighers, Measurers, Checkers & Samplers, Recordkeeping	2,280	2,340	2.6%	7	92	132	231
43-6000	Secretaries & Administrative Assistants	166,430	155,540	-6.5%	-1,089	8,672	8,436	16,019
43-6011	Executive Secretaries & Executive Administrative Assistants	21,860	17,890	-18.2%	-397	1,070	1,041	1,714
43-6012	Legal Secretaries	9,840	7,960	-19.1%	-188	480	466	758
43-6013	Medical Secretaries	24,800	28,990	16.9%	419	1,449	1,410	3,278
43-6014	Secretaries	109,930	100,690	-8.4%	-924	5,673	5,518	10,267
43-9000	Other Office & Administrative Support Workers	192,360	182,990	-4.9%	-936	10,623	10,793	20,480
43-9011	Computer Operators	2,240	1,720	-23.2%	-52	79	121	148
43-9021	Data Entry Keyers	9,270	7,140	-23.0%	-213	422	529	738
43-9022	Word Processors & Typists	7,970	5,180	-35.0%	-279	418	315	454
43-9031	Desktop Publishers	1,070	870	-18.7%	-20	42	62	84
43-9041	Insurance Claims & Policy Processing Clerks	11,670	12,570	7.7%	90	518	681	1,289
43-9051	Mail Clerks & Mail Machine Operators	4,840	4,430	-8.5%	-41	251	260	470
43-9061	Office Clerks, General	147,470	143,280	-2.8%	-419	8,530	8,312	16,423
43-9071	Office Machine Operators	1,990	1,610	-19.1%	-37	79	119	161
43-9081	Proofreaders & Copy Markers	530	510	-3.8%	-2	42	36	76
43-9111	Statistical Assistants	740	820	10.8%	7	36	59	102
43-9199	Office & Administrative Support Workers, Other	4,560	4,860	6.6%	30	205	300	535
45-0000	Farming, Fishing & Forestry Occupations	35,670	35,820	0.4%	15	1,305	3,979	5,299
45-1000	Supervisors - Farming, Fishing & Forestry Workers	2,080	2,130	2.4%	5	68	207	280
45-1011	Farm & Forestry Worker Supervisors	2,080	2,130	2.4%	5	68	207	280

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45-2000	Agricultural Workers	32,160	32,330	0.5%	16	1,186	3,640	4,842
45-2011	Agricultural Inspectors	420	440	4.8%	2	18	38	58
45-2021	Animal Breeders	240	250	4.2%	1	9	28	38
45-2041	Graders & Sorters, Agricultural Products	1,210	1,230	1.7%	2	49	115	166
45-2091	Agricultural Equipment Operators	2,900	3,060	5.5%	16	109	339	464
45-2092	Farmworkers & Laborers, Crop, Nursery & Greenhouse	20,740	20,630	-0.5%	-11	757	2,358	3,104
45-2093	Farmworkers, Farm, Ranch & Aquacultural Animals	6,190	6,240	0.8%	6	227	708	941
45-2099	Agricultural Workers, Other	470	480	2.1%	2	17	54	73
45-4000	Forest, Conservation & Logging Workers	1,430	1,360	-4.9%	-7	51	132	176
45-4011	Forest & Conservation Workers	250	240	-4.0%	-1	11	27	37
45-4022	Logging Equipment Operators	850	800	-5.9%	-5	29	76	100
45-4023	Log Graders & Scalers	140	150	7.1%	0	5	13	18
47-0000	Construction & Extraction Occupations	254,290	277,220	9.0%	2,293	9,365	17,364	29,022
47-1000	Supervisors - Construction & Extraction Workers	21,400	23,690	10.7%	229	722	1,422	2,373
47-1011	Supervisors - Construction Trades & Extraction Workers	21,400	23,690	10.7%	229	722	1,422	2,373
47-2000	Construction Trades Workers	196,180	214,340	9.3%	1,817	7,128	13,154	22,099
47-2011	Boilermakers	690	700	1.4%	1	22	45	68
47-2021	Brickmasons & Blockmasons	4,110	4,430	7.8%	32	124	237	393
47-2022	Stonemasons	510	550	7.8%	4	15	29	48
47-2031	Carpenters	43,200	46,660	8.0%	346	1,545	2,497	4,388
47-2041	Carpet Installers	2,710	2,890	6.6%	18	88	146	252
47-2042	Floor Layers	490	540	10.2%	5	16	27	48
47-2043	Floor Sanders & Finishers	90	100	11.1%	1	3	5	9
47-2044	Tile & Marble Setters	1,410	1,550	9.9%	14	46	77	137
47-2051	Cement Masons & Concrete Finishers	4,840	5,430	12.2%	59	195	348	602
47-2061	Construction Laborers	47,680	52,980	11.1%	530	1,756	3,318	5,604
47-2071	Paving, Surfacing & Tamping Equipment Operators	2,010	2,290	13.9%	29	71	147	247
47-2072	Pile-Driver Operators	80	80	0.0%	1	3	6	10
47-2073	Operating Engineers & Other Construction Equipment Operators	21,110	23,300	10.4%	219	848	1,557	2,624
47-2081	Drywall & Ceiling Tile Installers	2,360	2,430	3.0%	6	73	133	212
47-2082	Tapers	590	600	1.7%	1	18	33	52
47-2111	Electricians	23,620	25,160	6.5%	155	850	1,813	2,818
47-2121	Glaziers	1,380	1,530	10.9%	14	53	111	178
47-2131	Insulation Workers, Floor, Ceiling & Wall	630	650	3.2%	2	17	49	68
47-2132	Insulation Workers, Mechanical	400	450	12.5%	4	11	33	48

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47-2141	Painters, Construction & Maintenance	9,420	9,880	4.9%	47	329	481	857
47-2142	Paperhangers	220	240	9.1%	1	8	11	20
47-2151	Pipelayers	1,150	1,280	11.3%	13	44	81	138
47-2152	Plumbers, Pipefitters & Steamfitters	15,810	17,760	12.3%	195	609	1,123	1,927
47-2161	Plasterers & Stucco Masons	280	300	7.1%	1	10	16	27
47-2171	Reinforcing Iron & Rebar Workers	300	340	13.3%	4	8	24	36
47-2181	Roofers	4,700	5,140	9.4%	44	142	334	520
47-2211	Sheet Metal Workers	4,430	4,730	6.8%	30	158	314	502
47-2221	Structural Iron & Steel Workers	1,760	1,990	13.1%	22	54	141	217
47-3000	Helpers, Construction Trades	6,060	6,760	11.6%	70	271	619	960
47-3011	Helpers--Brick, Block, Stonemasons, Tile & Marble Setters	780	880	12.8%	10	35	80	125
47-3012	Helpers--Carpenters	910	1,050	15.4%	14	41	95	150
47-3013	Helpers--Electricians	1,800	1,940	7.8%	13	79	180	272
47-3014	Helpers--Painters, Paperhangers, Plasterers & Stucco Masons	380	410	7.9%	3	17	38	58
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters & Steamfitters	1,320	1,530	15.9%	21	60	138	219
47-3016	Helpers--Roofers	520	570	9.6%	6	23	52	81
47-3019	Helpers, Construction Trades, Other	340	370	8.8%	3	15	34	52
47-4000	Other Construction & Related Workers	22,030	23,460	6.5%	143	995	1,384	2,522
47-4011	Construction & Building Inspectors	6,160	6,690	8.6%	52	316	363	731
47-4031	Fence Erectors	860	990	15.1%	13	32	69	114
47-4041	Hazardous Materials Removal Workers	1,320	1,410	6.8%	8	54	107	169
47-4051	Highway Maintenance Workers	10,850	11,310	4.2%	46	469	635	1,150
47-4061	Rail-Track Laying & Maintenance Equipment Operators	570	600	5.3%	3	18	37	58
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	1,400	1,530	9.3%	13	73	106	192
47-4099	Construction & Related Workers, Other	440	490	11.4%	4	18	30	52
47-5000	Extraction Workers	8,630	8,970	3.9%	34	250	785	1,069
47-5011	Derrick Operators, Oil & Gas	440	440	0.0%	1	11	41	53
47-5012	Rotary Drill Operators, Oil & Gas	1,230	1,250	1.6%	3	31	115	149
47-5013	Service Unit Operators, Oil, Gas & Mining	1,340	1,360	1.5%	3	33	125	161
47-5021	Earth Drillers	950	1,070	12.6%	12	25	80	117
47-5031	Explosives Workers, Ordnance Handling Experts & Blasters	120	120	0.0%	0	6	9	15
47-5041	Continuous Mining Machine Operators	540	540	0.0%	0	16	47	63
47-5042	Mine Cutting & Channeling Machine Operators	280	280	0.0%	0	8	25	33
47-5051	Rock Splitters, Quarry	370	370	0.0%	0	11	34	45
47-5061	Roof Bolters, Mining	400	400	0.0%	0	12	36	48

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47-5071	Roustabouts, Oil & Gas	1,430	1,470	2.8%	4	49	126	179
47-5081	Helpers--Extraction Workers	1,290	1,390	7.8%	10	40	123	173
49-0000	Installation, Maintenance & Repair Occupations	239,150	254,590	6.5%	1,544	8,571	14,552	24,667
49-1000	Supervisors - Installation, Maintenance & Repair Workers	18,080	19,360	7.1%	127	606	965	1,698
49-1011	Supervisors - Mechanics, Installers & Repairers	18,080	19,360	7.1%	127	606	965	1,698
49-2000	Electrical & Electronic Equipment Mechanics, Installers & Repairers	20,580	20,720	0.7%	15	640	1,377	2,032
49-2011	Computer, Automated Teller & Office Machine Repairers	4,900	5,000	2.0%	10	162	314	486
49-2021	Radio, Cellular & Tower Equipment Installers & Repairers	400	410	2.5%	2	13	29	44
49-2022	Telecommunications Equipment Installers & Repairers	6,350	5,820	-8.3%	-53	202	430	579
49-2091	Avionics Technicians	530	600	13.2%	7	12	32	51
49-2092	Electric Motor, Power Tool & Related Repairers	700	740	5.7%	5	22	44	71
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment	220	210	-4.5%	-1	5	13	17
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	2,810	2,890	2.8%	7	71	173	251
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation & Relay	990	1,050	6.1%	5	25	62	92
49-2096	Electronic Equipment Installers & Repairers, Motor Vehicles	140	110	-21.4%	-3	4	8	9
49-2097	Electronic Home Entertainment Equipment Installers & Repairers	790	820	3.8%	3	28	54	85
49-2098	Security & Fire Alarm Systems Installers	2,760	3,080	11.6%	33	95	219	347
49-3000	Vehicle & Mobile Equipment Mechanics, Installers	73,440	77,980	6.2%	454	2,449	4,601	7,504
49-3011	Aircraft Mechanics & Service Technicians	2,850	2,940	3.2%	8	90	128	226
49-3021	Automotive Body & Related Repairers	7,660	8,330	8.7%	67	276	477	820
49-3022	Automotive Glass Installers & Repairers	900	980	8.9%	8	35	54	97
49-3023	Automotive Service Technicians & Mechanics	35,810	37,520	4.8%	171	1,156	2,214	3,541
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	12,950	14,110	9.0%	116	415	772	1,303
49-3041	Farm Equipment Mechanics & Service Technicians	1,150	1,230	7.0%	8	37	75	120
49-3042	Mobile Heavy Equipment Mechanics	4,610	5,010	8.7%	40	150	303	493
49-3043	Rail Car Repairers	780	830	6.4%	5	25	50	80
49-3051	Motorboat Mechanics & Service Technicians	300	300	0.0%	0	12	18	30
49-3052	Motorcycle Mechanics	850	860	1.2%	1	35	53	89
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	1,440	1,500	4.2%	5	60	91	156
49-3091	Bicycle Repairers	490	540	10.2%	4	19	44	67
49-3092	Recreational Vehicle Service Technicians	460	460	0.0%	0	17	40	57
49-3093	Tire Repairers & Changers	3,180	3,380	6.3%	19	122	281	422
49-9000	Other Installation, Maintenance & Repair Occupations	127,050	136,530	7.5%	948	4,876	7,608	13,432
49-9011	Mechanical Door Repairers	620	710	14.5%	9	16	33	58
49-9012	Control & Valve Installers & Repairers	1,100	1,160	5.5%	7	28	56	91

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49-9021	Heating, A/C & Refrigeration Mechanics & Installers	14,310	15,920	11.3%	162	418	1,013	1,593
49-9031	Home Appliance Repairers	1,500	1,460	-2.7%	-4	72	64	132
49-9041	Industrial Machinery Mechanics	15,410	16,630	7.9%	122	541	828	1,491
49-9043	Maintenance Workers, Machinery	6,020	6,550	8.8%	53	268	363	684
49-9044	Millwrights	1,680	1,830	8.9%	15	56	99	170
49-9045	Refractory Materials Repairers	160	170	6.2%	0	6	8	14
49-9051	Electrical Power-Line Installers & Repairers	4,550	5,140	13.0%	59	122	254	435
49-9052	Telecommunications Line Installers & Repairers	6,010	6,120	1.8%	11	148	449	608
49-9061	Camera & Photographic Equipment Repairers	60	60	0.0%	0	2	3	5
49-9062	Medical Equipment Repairers	2,650	2,790	5.3%	14	104	128	246
49-9063	Musical Instrument Repairers & Tuners	670	640	-4.5%	-3	25	31	53
49-9069	Precision Instrument & Equipment Repairers, Other	140	150	7.1%	0	6	7	13
49-9071	Maintenance & Repair Workers, General	60,990	65,300	7.1%	431	2,572	3,511	6,514
49-9091	Coin, Vending & Amusement Machine Servicers & Repairers	1,380	1,280	-7.2%	-10	57	90	137
49-9094	Locksmiths & Safe Repairers	660	610	-7.6%	-5	31	27	53
49-9096	Riggers	480	520	8.3%	4	16	34	54
49-9097	Signal & Track Switch Repairers	240	230	-4.2%	0	9	14	23
49-9098	Helpers--Installation, Maintenance & Repair Workers	4,680	5,130	9.6%	45	235	370	650
49-9099	Installation, Maintenance & Repair Workers, Other	3,420	3,710	8.5%	29	131	204	364
51-0000	Production Occupations	400,560	393,020	-1.9%	-753	16,218	28,216	43,681
51-1000	Supervisors - Production Workers	27,590	28,290	2.5%	70	891	1,788	2,749
51-1011	Supervisors - Production & Operating Workers	27,590	28,290	2.5%	70	891	1,788	2,749
51-2000	Assemblers & Fabricators	68,170	59,930	-12.1%	-824	2,776	4,530	6,482
51-2021	Coil Winders, Tapers & Finishers	430	370	-14.0%	-6	20	26	40
51-2022	Electrical & Electronic Equipment Assemblers	12,980	11,050	-14.9%	-193	609	785	1,201
51-2023	Electromechanical Equipment Assemblers	2,520	2,070	-17.9%	-46	116	150	220
51-2031	Engine & Other Machine Assemblers	2,120	1,860	-12.3%	-26	50	148	172
51-2041	Structural Metal Fabricators & Fitters	5,210	4,530	-13.1%	-68	168	356	456
51-2091	Fiberglass Laminators & Fabricators	230	260	13.0%	3	10	18	31
51-2092	Team Assemblers	37,830	33,320	-11.9%	-450	1,519	2,577	3,646
51-2099	Assemblers & Fabricators, Other	5,710	5,430	-4.9%	-28	238	404	614
51-3000	Food Processing Workers	30,080	31,310	4.1%	124	1,653	2,383	4,160
51-3011	Bakers	9,590	9,960	3.9%	37	628	734	1,399
51-3021	Butchers & Meat Cutters	5,480	5,770	5.3%	29	252	428	709
51-3022	Meat, Poultry & Fish Cutters & Trimmers	2,360	2,560	8.5%	21	110	188	319

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51-3023	Slaughterers & Meat Packers	2,450	2,740	11.8%	29	116	198	343
51-3091	Food & Tobacco Roasting, Baking & Drying Machine Operators	560	560	0.0%	0	23	40	63
51-3092	Food Batchmakers	7,440	7,410	-0.4%	-4	408	620	1,024
51-3093	Food Cooking Machine Operators	1,620	1,640	1.2%	2	88	132	222
51-3099	Food Processing Workers, Other	580	670	15.5%	9	27	42	78
51-4000	Metal Workers & Plastic Workers	99,180	99,180	0.0%	1	3,173	7,032	10,206
51-4011	Computer-Controlled Machine Tool Operators	10,900	11,400	4.6%	50	308	782	1,140
51-4012	Computer Numerically Controlled Machine Tool Programmers	1,140	1,360	19.3%	22	34	88	144
51-4021	Extruding & Drawing Machine Operators	5,060	4,800	-5.1%	-26	124	370	468
51-4022	Forging Machine Operators	920	760	-17.4%	-17	24	60	67
51-4023	Rolling Machine Operators	1,740	1,550	-10.9%	-18	47	117	146
51-4031	Cutting, Punching & Press Machine Operators	8,510	8,170	-4.0%	-33	302	631	900
51-4032	Drilling & Boring Machine Tool Operators	810	680	-16.0%	-13	28	51	66
51-4033	Grinding, Lapping, Polishing & Buffing Machine Tool Operators	3,860	3,620	-6.2%	-24	130	261	367
51-4034	Lathe & Turning Machine Tool Operators	1,760	1,650	-6.2%	-12	50	117	155
51-4035	Milling & Planing Machine Operators	1,000	830	-17.0%	-17	34	63	80
51-4041	Machinists	19,220	20,080	4.5%	86	682	1,279	2,047
51-4051	Metal-Refining Furnace Operators	1,590	1,550	-2.5%	-4	52	100	148
51-4052	Pourers & Casters, Metal	1,020	880	-13.7%	-14	31	61	78
51-4061	Model Makers	180	160	-11.1%	-2	6	12	16
51-4062	Patternmakers	210	200	-4.8%	-1	8	14	21
51-4071	Foundry Mold & Coremakers	510	450	-11.8%	-5	18	36	49
51-4072	Molding, Coremaking & Casting Machine Operators	5,120	4,770	-6.8%	-35	181	374	520
51-4081	Multiple Machine Tool Operators	7,750	7,790	0.5%	4	288	537	829
51-4111	Tool & Die Makers	4,240	4,090	-3.5%	-15	163	226	374
51-4121	Welders, Cutters, Solderers & Brazers	16,430	17,520	6.6%	109	452	1,326	1,887
51-4122	Welding, Soldering & Brazing Machine Operators	2,620	2,510	-4.2%	-11	68	201	258
51-4191	Heat Treating Equipment Operators	1,450	1,320	-9.0%	-13	51	96	134
51-4192	Layout Workers	280	270	-3.6%	-2	10	19	27
51-4193	Plating & Coating Machine Operators	1,740	1,640	-5.7%	-10	43	124	157
51-4194	Tool Grinders, Filers & Sharpeners	330	320	-3.0%	0	10	30	40
51-4199	Metal Workers & Plastic Workers, Other	810	830	2.5%	2	30	57	89
51-5100	Printing Workers	15,420	13,140	-14.8%	-228	695	909	1,376
51-5111	Prepress Technician & Workers	1,750	1,340	-23.4%	-42	64	117	139
51-5112	Printing Press Operators	9,640	8,510	-11.7%	-113	353	591	831

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51-5113	Print Binding & Finishing Workers	4,020	3,290	-18.2%	-73	277	202	406
51-6000	Textile, Apparel & Furnishings Workers	20,470	18,930	-7.5%	-154	1,245	1,180	2,271
51-6011	Laundry & Dry-Cleaning Workers	8,320	8,470	1.8%	15	562	564	1,141
51-6021	Pressers: Textile, Garment & Related Materials	1,180	1,120	-5.1%	-7	69	75	137
51-6031	Sewing Machine Operators	4,460	3,420	-23.3%	-104	224	190	310
51-6041	Shoe & Leather Workers & Repairers	230	190	-17.4%	-4	10	10	16
51-6051	Sewers, Hand	150	130	-13.3%	-2	13	5	16
51-6052	Tailors, Dressmakers & Custom Sewers	1,560	1,390	-10.9%	-17	130	55	168
51-6061	Textile Bleaching & Dyeing Machine Operators	260	210	-19.2%	-5	12	16	23
51-6062	Textile Cutting Machine Operators	620	530	-14.5%	-9	39	39	69
51-6063	Textile Knitting & Weaving Machine Operators	870	770	-11.5%	-10	46	56	92
51-6064	Textile Winding, Twisting & Drawing Out Machine Operators	650	590	-9.2%	-6	35	34	63
51-6091	Extruding & Forming Machine Operators, Synthetic & Glass Fibers	540	560	3.7%	2	29	37	68
51-6093	Upholsterers	900	910	1.1%	1	39	52	92
51-6099	Textile, Apparel & Furnishings Workers, Other	350	330	-5.7%	-2	18	23	39
51-7000	Woodworkers	13,940	14,810	6.2%	88	634	873	1,595
51-7011	Cabinetmakers & Bench Carpenters	5,510	5,770	4.7%	26	263	312	601
51-7021	Furniture Finishers	1,560	1,600	2.6%	4	88	56	148
51-7032	Patternmakers, Wood	70	70	0.0%	0	4	3	7
51-7041	Sawing Machine Operators, Wood	2,190	2,330	6.4%	15	92	167	274
51-7042	Woodworking Machine Operators	4,530	4,950	9.3%	43	182	330	555
51-8000	Plant & System Operators	15,330	14,940	-2.5%	-40	413	966	1,339
51-8011	Nuclear Power Reactor Operators	420	370	-11.9%	-5	10	24	29
51-8012	Power Distributors & Dispatchers	590	580	-1.7%	-2	14	36	48
51-8013	Power Plant Operators	1,710	1,750	2.3%	4	42	106	152
51-8021	Stationary Engineers & Boiler Operators	3,410	3,410	0.0%	0	110	240	350
51-8031	Water & Wastewater Treatment Plant & System Operators	5,520	5,200	-5.8%	-32	153	285	406
51-8091	Chemical Plant & System Operators	1,060	990	-6.6%	-7	24	77	94
51-8092	Gas Plant Operators	1,030	1,100	6.8%	7	25	80	112
51-8093	Petroleum Pump System Operators, Refinery Operators & Gaugers	1,370	1,310	-4.4%	-7	31	100	124
51-8099	Plant & System Operators, Other	230	240	4.3%	1	5	18	24
51-9000	Other Production Occupations	110,390	112,490	1.9%	210	4,737	8,554	13,501
51-9011	Chemical Equipment Operators	4,620	4,510	-2.4%	-11	125	358	472
51-9012	Separating, Filtering, Clarifying, Precipitating & Still Machine Operators	2,510	2,540	1.2%	4	69	198	271
51-9021	Crushing, Grinding & Polishing Machine Operators	1,330	1,290	-3.0%	-3	47	98	142

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51-9022	Grinding & Polishing Workers, Hand	950	810	-14.7%	-14	32	66	84
51-9023	Mixing & Blending Machine Operators	6,080	6,090	0.2%	1	219	456	676
51-9031	Cutters & Trimmers, Hand	180	150	-16.7%	-3	6	12	15
51-9032	Cutting & Slicing Machine Operators	2,380	2,370	-0.4%	-1	86	181	266
51-9041	Extruding, Forming, Pressing & Compacting Machine Operators	2,600	2,670	2.7%	6	102	212	320
51-9051	Furnace, Kiln, Oven, Drier & Kettle Operators	610	610	0.0%	1	26	34	61
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	20,450	19,260	-5.8%	-119	825	1,520	2,226
51-9071	Jewelers & Precious Stone & Metal Workers	980	870	-11.2%	-10	55	41	86
51-9081	Dental Laboratory Technicians	1,330	1,340	0.8%	1	58	89	148
51-9082	Medical Appliance Technicians	1,190	1,220	2.5%	3	52	80	135
51-9083	Ophthalmic Laboratory Technicians	1,140	1,200	5.3%	6	50	78	134
51-9111	Packaging & Filling Machine Operators	19,000	19,580	3.1%	58	912	1,281	2,251
51-9121	Coating, Painting & Spraying Machine Operators	3,860	4,180	8.3%	32	115	301	448
51-9122	Painters, Transportation Equipment	2,320	2,570	10.8%	25	70	183	278
51-9123	Painting, Coating & Decorating Workers	580	610	5.2%	3	17	44	64
51-9141	Semiconductor Processors	490	500	2.0%	1	19	36	56
51-9151	Photographic Process Workers & Processing Machine Operators	1,280	960	-25.0%	-32	58	116	142
51-9191	Adhesive Bonding Machine Operators	760	760	0.0%	-1	35	46	80
51-9192	Cleaning, Washing & Metal Pickling Equipment Operators	810	820	1.2%	1	38	67	106
51-9193	Cooling & Freezing Equipment Operators	550	540	-1.8%	0	22	40	62
51-9194	Etchers & Engravers	300	310	3.3%	1	18	18	37
51-9195	Molders, Shapers & Casters, Except Metal & Plastic	2,240	2,330	4.0%	9	88	141	238
51-9196	Paper Goods Machine Operators	6,770	6,490	-4.1%	-28	239	432	643
51-9197	Tire Builders	460	480	4.3%	2	15	38	55
51-9198	Helpers--Production Workers	20,880	23,280	11.5%	240	1,184	2,103	3,527
51-9199	Production Workers, Other	3,740	4,130	10.4%	38	155	288	481
53-0000	Transportation & Material Moving Occupations	460,360	495,200	7.6%	3,484	23,322	34,124	60,930
53-1000	Supervisors - Transportation & Material Moving Workers	18,040	19,500	8.1%	146	603	1,290	2,039
53-1011	Aircraft Cargo Handling Supervisors	230	240	4.3%	1	8	16	25
53-1021	Supervisors - Helpers, Laborers & Material Movers	9,160	10,090	10.2%	93	309	661	1,063
53-1031	Supervisors - Transportation & Vehicle Operators	8,650	9,170	6.0%	52	286	613	951
53-2000	Air Transportation Workers	6,090	6,540	7.4%	45	239	379	663
53-2012	Commercial Pilots	1,030	1,070	3.9%	4	29	67	100
53-2021	Air Traffic Controllers	540	560	3.7%	2	18	32	52
53-2022	Airfield Operations Specialists	420	450	7.1%	2	14	26	42

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53-3000	Motor Vehicle Operators	189,760	201,130	6.0%	1,137	9,877	11,254	22,268
53-3011	Ambulance Drivers & Attendants	1,700	1,950	14.7%	25	112	147	284
53-3021	Bus Drivers, Transit & Intercity	5,410	5,740	6.1%	34	437	228	699
53-3022	Bus Drivers, School or Special Client	29,480	31,370	6.4%	190	2,387	1,243	3,820
53-3031	Driver/Sales Workers	18,590	18,310	-1.5%	-29	782	1,159	1,912
53-3032	Heavy & Tractor-Trailer Truck Drivers	84,610	91,910	8.6%	730	3,742	5,544	10,016
53-3033	Light Truck or Delivery Services Drivers	37,640	39,410	4.7%	178	1,634	2,420	4,232
53-3041	Taxi Drivers & Chauffeurs	11,520	11,590	0.6%	7	686	467	1,160
53-3099	Motor Vehicle Operators, Other	820	860	4.9%	3	97	46	146
53-4000	Rail Transportation Workers	6,780	6,520	-3.8%	-26	160	414	548
53-4011	Locomotive Engineers	2,230	2,180	-2.2%	-6	53	123	170
53-4013	Rail Yard Engineers, Dinkey Operators & Hostlers	310	320	3.2%	2	8	18	28
53-4021	Railroad Brake, Signal & Switch Operators	1,190	1,160	-2.5%	-3	28	79	104
53-4031	Railroad Conductors & Yardmasters	2,720	2,650	-2.6%	-7	64	179	236
53-4041	Subway & Streetcar Operators	90	100	11.1%	0	3	6	9
53-5000	Water Transportation Workers	1,220	1,260	3.3%	4	46	90	140
53-5011	Sailors & Marine Oilers	560	580	3.6%	2	22	45	69
53-5021	Captains, Mates & Pilots of Water Vessels	540	570	5.6%	2	19	37	58
53-5031	Ship Engineers	100	90	-10.0%	0	4	8	12
53-6000	Other Transportation Workers	11,710	12,170	3.9%	46	692	1,032	1,770
53-6021	Parking Lot Attendants	6,960	6,950	-0.1%	-2	408	612	1,018
53-6031	Automotive & Watercraft Service Attendants	2,490	2,830	13.7%	34	143	290	467
53-6041	Traffic Technicians	50	50	0.0%	0	2	4	6
53-6051	Transportation Inspectors	620	660	6.5%	4	23	38	65
53-6061	Transportation Attendants	1,090	1,160	6.4%	6	94	53	153
53-6099	Transportation Workers, Other	460	490	6.5%	3	20	33	56
53-7000	Material Moving Workers	226,780	248,090	9.4%	2,132	11,706	19,664	33,502
53-7011	Conveyor Operators	1,640	1,710	4.3%	7	83	140	230
53-7021	Crane & Tower Operators	2,470	2,650	7.3%	18	84	179	281
53-7032	Excavating & Loading Machine & Dragline Operators	1,330	1,420	6.8%	9	50	98	157
53-7033	Loading Machine Operators, Underground Mining	160	160	0.0%	0	6	11	17
53-7041	Hoist & Winch Operators	200	170	-15.0%	-2	9	15	22
53-7051	Industrial Truck & Tractor Operators	31,740	34,730	9.4%	299	1,158	2,487	3,944
53-7061	Cleaners of Vehicles & Equipment	11,980	13,170	9.9%	120	649	1,091	1,860
53-7062	Laborers & Freight, Stock & Material Movers	136,020	150,300	10.5%	1,427	7,092	12,240	20,759

**Pennsylvania
Occupational Employment
2016-2026 Long-Term Projections**

SOC Code	Occupational Title	Employment Outlook			Annual Demand			
		Estimated 2016	Projected 2026	Percent Change	Due to Growth ^{1/}	Due to Exits ^{2/}	Due to Transfers ^{3/}	Total Demand ^{4/}
53-7063	Machine Feeders & Offbearers	4,950	5,290	6.9%	34	275	411	720
53-7064	Packers & Packagers, Hand	27,130	28,730	5.9%	160	1,892	2,280	4,332
53-7071	Gas Compressor & Gas Pumping Station Operators	550	590	7.3%	4	21	48	73
53-7072	Pump Operators	740	760	2.7%	1	27	62	90
53-7073	Wellhead Pumpers	810	850	4.9%	3	30	69	102
53-7081	Refuse & Recyclable Material Collectors	6,020	6,500	8.0%	48	283	456	787
53-7111	Mine Shuttle Car Operators	160	130	-18.8%	-3	6	10	13
53-7121	Tank Car, Truck & Ship Loaders	380	390	2.6%	1	17	28	46
53-7199	Material Moving Workers, Other	490	550	12.2%	6	23	38	67

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/ Demand due to employment growth measures the numerical change in projected number of job gains or losses.

2/ Demand due to exits measure the projected number of workers leaving an occupation and exiting the workforce entirely.

3/ Demand due to transfers are the projected number of workers leaving an occupation and transferring to a different occupation.

4/ Total demand is the projected number of openings (positions) for workers entering the occupation. Defined as the sum of the demand due to growth, exits, and transfers.