

**Southern Alleghenies WIA
Occupational Employment
2010-2020 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2010	Projected 2020	Percent Change	Average Annual Openings		
					Due to Growth ^{1/}	Due to Replace. ^{2/}	Total ^{3/}
00-0000	Total, All Occupations	196,680	206,350	4.9%	1,244	4,686	5,930
11-0000	Management Occupations	9,960	9,730	-2.3%	16	208	224
11-1000	Top Executives	2,180	2,090	-4.1%	1	46	47
11-1011	Chief Executives	600	570	-5.0%	0	16	16
11-1021	General & Operations Managers	1,430	1,360	-4.9%	0	26	26
11-1031	Legislators	160	160	0.0%	1	4	5
11-2000	Advertising, Marketing, Promotions, Public Relations & Sales Managers	420	440	4.8%	2	12	14
11-2011	Advertising & Promotions Managers	10	10	0.0%	0	0	0
11-2021	Marketing Managers	110	110	0.0%	0	3	3
11-2022	Sales Managers	270	290	7.4%	2	8	10
11-2031	Public Relations Managers	20	30	50.0%	0	1	1
11-3000	Operations Specialties Managers	1,180	1,190	0.8%	4	25	29
11-3011	Administrative Services Managers	180	180	0.0%	0	4	4
11-3021	Computer & Information Systems Managers	140	150	7.1%	1	2	3
11-3031	Financial Managers	390	360	-7.7%	0	7	7
11-3051	Industrial Production Managers	220	230	4.5%	1	5	6
11-3061	Purchasing Managers	60	60	0.0%	0	2	2
11-3071	Transportation, Storage & Distribution Managers	110	110	0.0%	1	3	4
11-3111	Compensation & Benefits Managers	30	30	0.0%	0	1	1
11-3121	Human Resources Managers	50	50	0.0%	0	1	1
11-3131	Training & Development Managers	10	10	0.0%	0	0	0
11-9000	Other Management Occupations	6,180	6,010	-2.8%	9	125	134
11-9013	Farmers, Ranchers & Other Agricultural Managers	3,720	3,530	-5.1%	0	72	72
11-9021	Construction Managers	280	300	7.1%	2	2	4
11-9031	Education Administrators, Preschool & Child Care Center/Program	40	40	0.0%	0	1	1
11-9032	Education Administrators, Elementary & Secondary School	360	350	-2.8%	0	10	10
11-9033	Education Administrators, Postsecondary	80	90	12.5%	1	2	3
11-9039	Education Administrators, All Other	20	20	0.0%	0	1	1
11-9041	Engineering Managers	150	160	6.7%	1	3	4
11-9051	Food Service Managers	330	300	-9.1%	0	6	6
11-9081	Lodging Managers	40	40	0.0%	0	1	1
11-9111	Medical & Health Services Managers	420	470	11.9%	5	10	15
11-9121	Natural Sciences Managers	10	10	0.0%	0	1	1
11-9131	Postmasters & Mail Superintendents	130	110	-15.4%	0	3	3
11-9141	Property, Real Estate & Community Association Managers	50	50	0.0%	0	1	1

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11-9151	Social & Community Service Managers	230	230	0.0%	0	5	5
11-9161	Emergency Management Directors	20	20	0.0%	0	0	0
11-9199	Managers, All Other	290	300	3.4%	0	6	6
13-0000	Business & Financial Operations Occupations	5,480	5,920	8.0%	47	115	162
13-1000	Business Operations Specialists	3,290	3,630	10.3%	34	66	100
13-1011	Agents & Business Managers of Artists, Performers & Athletes	10	10	0.0%	0	0	0
13-1021	Purchasing Agents & Buyers, Farm Products	10	10	0.0%	0	0	0
13-1022	Wholesale & Retail Buyers, Except Farm Products	190	200	5.3%	1	5	6
13-1023	Purchasing Agents, Except Wholesale, Retail & Farm Products	360	360	0.0%	0	10	10
13-1031	Claims Adjusters, Examiners & Investigators	330	360	9.1%	3	8	11
13-1032	Insurance Appraisers, Auto Damage	10	10	0.0%	0	0	0
13-1041	Compliance Officers, Except Agriculture, Construction, Health & Safety & Trans.	220	250	13.6%	4	3	7
13-1051	Cost Estimators	340	390	14.7%	5	6	11
13-1078	Human Resources, Labor Relations & Training Specialists, All Other	600	660	10.0%	6	10	16
13-1081	Logisticians	50	60	20.0%	1	1	2
13-1111	Management Analysts	340	400	17.6%	5	6	11
13-1121	Meeting & Convention Planners	50	60	20.0%	1	1	2
13-1141	Compensation, Benefits & Job Analysis Specialists	110	100	-9.1%	0	2	2
13-1151	Training & Development Specialists	190	220	15.8%	3	3	6
13-1161	Market Research Analysts & Marketing Specialists	240	310	29.2%	6	6	12
13-1199	Business Operations Specialists, All Other	260	260	0.0%	0	5	5
13-2000	Financial Specialists	2,190	2,290	4.6%	13	49	62
13-2011	Accountants & Auditors	1,100	1,160	5.5%	6	24	30
13-2021	Appraisers & Assessors of Real Estate	110	110	0.0%	0	2	2
13-2031	Budget Analysts	50	50	0.0%	0	1	1
13-2041	Credit Analysts	30	30	0.0%	0	1	1
13-2051	Financial Analysts	90	90	0.0%	0	2	2
13-2052	Personal Financial Advisors	80	90	12.5%	1	1	2
13-2053	Insurance Underwriters	130	160	23.1%	3	4	7
13-2072	Loan Officers	180	160	-11.1%	0	5	5
13-2081	Tax Examiners, Collectors & Revenue Agents	170	180	5.9%	0	4	4
13-2082	Tax Preparers	180	190	5.6%	2	4	6
13-2099	Financial Specialists, All Other	30	20	-33.3%	0	0	0
15-0000	Computer & Mathematical Occupations	1,930	2,200	14.0%	27	37	64
15-1000	Computer Specialists	1,890	2,150	13.8%	27	35	62

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15-1121	Computer Systems Analysts	210	240	14.3%	3	4	7
15-1131	Computer Programmers	240	260	8.3%	3	6	9
15-1132	Software Developers, Applications	190	230	21.1%	4	2	6
15-1133	Software Developers, Systems Software	190	240	26.3%	5	2	7
15-1141	Database Administrators	60	70	16.7%	1	1	2
15-1142	Network & Computer Systems Architects & Administrators	330	390	18.2%	6	6	12
15-1150	Computer Support Specialists	450	480	6.7%	3	12	15
15-1179	Information Security Analysts, Web Developers & Computer Network Architects	140	170	21.4%	2	2	4
15-1799	Computer Occupations, All Other	80	70	-12.5%	0	1	1
15-2000	Mathematical Scientists	40	40	0.0%	0	2	2
15-2031	Operations Research Analysts	30	30	0.0%	0	1	1
15-2041	Statisticians	10	10	0.0%	0	1	1
17-0000	Architecture & Engineering Occupations	2,430	2,550	4.9%	15	54	69
17-1000	Architects, Surveyors & Cartographers	190	210	10.5%	2	4	6
17-1011	Architects, Except Landscape & Naval	80	80	0.0%	1	2	3
17-1012	Landscape Architects	10	10	0.0%	0	0	0
17-1021	Cartographers & Photogrammetrists	20	30	50.0%	0	0	0
17-1022	Surveyors	80	90	12.5%	1	2	3
17-2000	Engineers	1,410	1,510	7.1%	11	34	45
17-2011	Aerospace Engineers	20	20	0.0%	0	0	0
17-2041	Chemical Engineers	10	10	0.0%	0	0	0
17-2051	Civil Engineers	360	380	5.6%	2	7	9
17-2061	Computer Hardware Engineers	10	10	0.0%	0	0	0
17-2071	Electrical Engineers	130	140	7.7%	1	3	4
17-2072	Electronics Engineers, Except Computer	80	80	0.0%	0	2	2
17-2081	Environmental Engineers	40	50	25.0%	1	1	2
17-2111	Health & Safety Engineers, Except Mining Safety Engineers & Inspectors	30	30	0.0%	0	1	1
17-2112	Industrial Engineers	280	300	7.1%	3	6	9
17-2131	Materials Engineers	30	40	33.3%	0	1	1
17-2141	Mechanical Engineers	320	350	9.4%	3	10	13
17-2151	Mining & Geological Engineers, Including Mining Safety Engineers	40	40	0.0%	0	1	1
17-2199	Engineers, All Other	50	50	0.0%	0	1	1
17-3000	Drafters, Engineering & Mapping Technicians	840	830	-1.2%	2	16	18
17-3011	Architectural & Civil Drafters	90	80	-11.1%	0	2	2
17-3012	Electrical & Electronics Drafters	20	20	0.0%	0	0	0

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17-3013	Mechanical Drafters	80	80	0.0%	0	2	2
17-3022	Civil Engineering Technicians	100	110	10.0%	0	2	2
17-3023	Electrical & Electronic Engineering Technicians	150	160	6.7%	0	3	3
17-3024	Electro-Mechanical Technicians	30	30	0.0%	0	1	1
17-3025	Environmental Engineering Technicians	40	50	25.0%	0	1	1
17-3026	Industrial Engineering Technicians	100	100	0.0%	1	2	3
17-3027	Mechanical Engineering Technicians	90	90	0.0%	0	2	2
17-3029	Engineering Technicians, Except Drafters, All Other	20	20	0.0%	0	0	0
17-3031	Surveying & Mapping Technicians	100	100	0.0%	0	2	2
19-0000	Life, Physical & Social Science Occupations	1,110	1,190	7.2%	9	32	41
19-1000	Life Scientists	190	190	0.0%	0	3	3
19-1012	Food Scientists & Technologists	10	10	0.0%	0	0	0
19-1013	Soil & Plant Scientists	10	10	0.0%	0	0	0
19-1022	Microbiologists	10	10	0.0%	0	0	0
19-1023	Zoologists & Wildlife Biologists	10	10	0.0%	0	0	0
19-1029	Biological Scientists, All Other	10	10	0.0%	0	0	0
19-1031	Conservation Scientists	90	90	0.0%	0	1	1
19-1032	Foresters	30	30	0.0%	0	0	0
19-1042	Medical Scientists, Except Epidemiologists	10	20	100.0%	0	0	0
19-2000	Physical Scientists	140	150	7.1%	2	4	6
19-2031	Chemists	40	40	0.0%	0	1	1
19-2032	Materials Scientists	10	10	0.0%	0	0	0
19-2041	Environmental Scientists & Specialists, Including Health	50	60	20.0%	1	2	3
19-2042	Geoscientists, Except Hydrologists & Geographers	40	40	0.0%	0	1	1
19-3000	Social Scientists & Related Workers	560	620	10.7%	6	18	24
19-3011	Economists	20	20	0.0%	0	1	1
19-3022	Survey Researchers	40	40	0.0%	0	1	1
19-3031	Clinical, Counseling & School Psychologists	310	350	12.9%	4	10	14
19-3039	Psychologists, All Other	10	10	0.0%	0	0	0
19-3051	Urban & Regional Planners	100	100	0.0%	0	2	2
19-3093	Historians	10	10	0.0%	0	0	0
19-3099	Social Scientists & Related Workers, All Other	80	90	12.5%	0	4	4
19-4000	Life, Physical & Social Science Technicians	220	240	9.1%	2	6	8
19-4011	Agricultural & Food Science Technicians	10	10	0.0%	0	0	0
19-4021	Biological Technicians	10	10	0.0%	0	0	0

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19-4031	Chemical Technicians	110	120	9.1%	1	2	3
19-4041	Geological & Petroleum Technicians	20	20	0.0%	0	1	1
19-4091	Environmental Science & Protection Technicians, Including Health	60	60	0.0%	0	2	2
19-4092	Forensic Science Technicians	10	10	0.0%	0	0	0
19-4093	Forest & Conservation Technicians	10	10	0.0%	0	0	0
21-0000	Community & Social Services Occupations	4,460	4,830	8.3%	38	96	134
21-1000	Counselors, Social Workers & Other Community & Social Service Specialists	3,850	4,200	9.1%	36	86	122
21-1011	Substance Abuse & Behavioral Disorder Counselors	230	240	4.3%	1	5	6
21-1012	Educational, Vocational & School Counselors	300	300	0.0%	0	6	6
21-1013	Marriage & Family Therapists	10	10	0.0%	0	0	0
21-1014	Mental Health Counselors	640	720	12.5%	8	14	22
21-1015	Rehabilitation Counselors	200	200	0.0%	0	4	4
21-1019	Counselors, All Other	60	70	16.7%	1	1	2
21-1021	Child, Family & School Social Workers	820	900	9.8%	8	19	27
21-1022	Medical & Public Health Social Workers	220	270	22.7%	5	5	10
21-1023	Mental Health & Substance Abuse Social Workers	280	310	10.7%	3	7	10
21-1029	Social Workers, All Other	30	30	0.0%	0	1	1
21-1091	Health Educators	60	80	33.3%	2	1	3
21-1092	Probation Officers & Correctional Treatment Specialists	280	310	10.7%	3	6	9
21-1093	Social & Human Service Assistants	710	750	5.6%	4	15	19
21-1798	Community & Social Service Specialists, All Other	20	20	0.0%	0	0	0
21-2000	Religious Workers	610	630	3.3%	2	11	13
21-2011	Clergy	330	340	3.0%	1	6	7
21-2021	Directors, Religious Activities & Education	220	220	0.0%	0	4	4
21-2099	Religious Workers, All Other	70	70	0.0%	0	1	1
23-0000	Legal Occupations	700	730	4.3%	4	12	16
23-1000	Lawyers, Judges & Related Workers	440	450	2.3%	2	8	10
23-1011	Lawyers	320	340	6.3%	2	6	8
23-1012	Judicial Law Clerks	10	10	0.0%	0	0	0
23-1021	Administrative Law Judges, Adjudicators & Hearing Officers	100	90	-10.0%	0	2	2
23-1022	Arbitrators, Mediators & Conciliators	10	10	0.0%	0	0	0
23-1023	Judges, Magistrate Judges & Magistrates	10	10	0.0%	0	0	0
23-2000	Legal Support Workers	260	280	7.7%	2	4	6
23-2011	Paralegals & Legal Assistants	130	160	23.1%	2	2	4
23-2091	Court Reporters	50	50	0.0%	0	1	1

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23-2093	Title Examiners, Abstractors & Searchers	40	50	25.0%	0	1	1
23-2099	Legal Support Workers, All Other	30	30	0.0%	0	0	0
25-0000	Education, Training & Library Occupations	10,660	10,740	0.8%	25	241	266
25-1000	Postsecondary Teachers	1,570	1,700	8.3%	12	25	37
25-1011	Business Teachers, Postsecondary	110	120	9.1%	1	2	3
25-1021	Computer Science Teachers, Postsecondary	50	60	20.0%	1	1	2
25-1022	Mathematical Science Teachers, Postsecondary	60	60	0.0%	0	1	1
25-1032	Engineering Teachers, Postsecondary	40	40	0.0%	0	1	1
25-1042	Biological Science Teachers, Postsecondary	80	80	0.0%	1	1	2
25-1051	Atmospheric, Earth, Marine & Space Sciences Teachers, Postsecondary	10	10	0.0%	0	0	0
25-1052	Chemistry Teachers, Postsecondary	50	50	0.0%	0	1	1
25-1053	Environmental Science Teachers, Postsecondary	10	10	0.0%	0	0	0
25-1054	Physics Teachers, Postsecondary	20	20	0.0%	0	0	0
25-1063	Economics Teachers, Postsecondary	20	20	0.0%	0	0	0
25-1065	Political Science Teachers, Postsecondary	20	20	0.0%	0	0	0
25-1066	Psychology Teachers, Postsecondary	60	70	16.7%	1	1	2
25-1067	Sociology Teachers, Postsecondary	40	40	0.0%	0	1	1
25-1071	Health Specialties Teachers, Postsecondary	250	280	12.0%	2	4	6
25-1072	Nursing Instructors & Teachers, Postsecondary	100	100	0.0%	0	2	2
25-1081	Education Teachers, Postsecondary	60	70	16.7%	1	1	2
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	10	10	0.0%	0	0	0
25-1112	Law Teachers, Postsecondary	10	10	0.0%	0	0	0
25-1113	Social Work Teachers, Postsecondary	10	10	0.0%	0	0	0
25-1121	Art, Drama & Music Teachers, Postsecondary	50	60	20.0%	1	1	2
25-1122	Communications Teachers, Postsecondary	50	50	0.0%	0	1	1
25-1123	English Language & Literature Teachers, Postsecondary	150	160	6.7%	2	2	4
25-1124	Foreign Language & Literature Teachers, Postsecondary	20	20	0.0%	0	0	0
25-1125	History Teachers, Postsecondary	30	40	33.3%	0	0	0
25-1126	Philosophy & Religion Teachers, Postsecondary	40	40	0.0%	0	1	1
25-1191	Graduate Teaching Assistants	20	30	50.0%	0	0	0
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	10	10	0.0%	0	0	0
25-1194	Vocational Education Teachers, Postsecondary	190	190	0.0%	0	3	3
25-1199	Postsecondary Teachers, All Other	30	30	0.0%	0	0	0
25-2000	Primary, Secondary & Special Education School Teachers	6,250	6,160	-1.4%	7	154	161
25-2011	Preschool Teachers, Except Special Education	320	340	6.3%	2	8	10

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25-2012	Kindergarten Teachers, Except Special Education	280	280	0.0%	1	7	8
25-2021	Elementary School Teachers, Except Special Education	2,930	2,950	0.7%	3	64	67
25-2022	Middle School Teachers, Except Special & Vocational Education	360	360	0.0%	0	8	8
25-2031	Secondary School Teachers, Except Special & Vocational Education	1,610	1,490	-7.5%	0	44	44
25-2032	Vocational Education Teachers, Secondary School	130	110	-15.4%	0	4	4
25-2041	Special Education Teachers, Preschool, Kindergarten & Elementary School	360	370	2.8%	1	10	11
25-2054	Special Education Teachers, Secondary School	190	180	-5.3%	0	6	6
25-3000	Other Teachers & Instructors	750	790	5.3%	4	12	16
25-3011	Adult Literacy, Remedial Education & GED Teachers & Instructors	90	90	0.0%	0	1	1
25-3021	Self-Enrichment Education Teachers	230	250	8.7%	2	4	6
25-3999	Teachers & Instructors, All Other	430	450	4.7%	1	7	8
25-4000	Librarians, Curators & Archivists	410	410	0.0%	1	13	14
25-4011	Archivists	10	10	0.0%	0	0	0
25-4012	Curators	20	20	0.0%	0	1	1
25-4013	Museum Technicians & Conservators	30	30	0.0%	0	1	1
25-4021	Librarians	240	240	0.0%	0	6	6
25-4031	Library Technicians	120	130	8.3%	1	5	6
25-9000	Other Education, Training & Library Occupations	1,680	1,690	0.6%	2	38	40
25-9031	Instructional Coordinators	120	140	16.7%	2	3	5
25-9041	Teacher Assistants	1,540	1,530	-0.6%	0	35	35
25-9099	Education, Training & Library Workers, All Other	10	10	0.0%	0	0	0
27-0000	Arts, Design, Entertainment, Sports & Media Occupations	1,970	1,990	1.0%	6	52	58
27-1000	Art & Design Workers	570	550	-3.5%	0	17	17
27-1011	Art Directors	20	20	0.0%	0	0	0
27-1012	Craft Artists	10	10	0.0%	0	0	0
27-1014	Multi-Media Artists & Animators	30	30	0.0%	0	1	1
27-1021	Commercial & Industrial Designers	50	50	0.0%	0	2	2
27-1023	Floral Designers	90	70	-22.2%	0	3	3
27-1024	Graphic Designers	310	300	-3.2%	0	10	10
27-1025	Interior Designers	10	10	0.0%	0	0	0
27-1026	Merchandise Displayers & Window Trimmers	50	50	0.0%	0	2	2
27-2000	Entertainers & Performers, Sports & Related Workers	550	570	3.6%	2	14	16
27-2012	Producers & Directors	70	70	0.0%	0	2	2
27-2021	Athletes & Sports Competitors	10	10	0.0%	0	0	0
27-2022	Coaches & Scouts	110	120	9.1%	2	3	5

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27-2041	Music Directors & Composers	190	190	0.0%	0	5	5
27-2042	Musicians & Singers	170	170	0.0%	0	4	4
27-3000	Media & Communication Workers	600	620	3.3%	3	17	20
27-3011	Radio & Television Announcers	100	100	0.0%	0	3	3
27-3021	Broadcast News Analysts	10	10	0.0%	0	0	0
27-3022	Reporters & Correspondents	70	70	0.0%	0	2	2
27-3031	Public Relations Specialists	160	180	12.5%	1	4	5
27-3041	Editors	130	140	7.7%	1	4	5
27-3042	Technical Writers	30	30	0.0%	0	1	1
27-3043	Writers & Authors	80	80	0.0%	0	2	2
27-3091	Interpreters & Translators	20	30	50.0%	1	1	2
27-4000	Media & Communication Equipment Workers	250	250	0.0%	1	4	5
27-4011	Audio & Video Equipment Technicians	30	30	0.0%	0	1	1
27-4012	Broadcast Technicians	30	30	0.0%	0	1	1
27-4014	Sound Engineering Technicians	10	10	0.0%	0	0	0
27-4021	Photographers	160	160	0.0%	1	2	3
27-4031	Camera Operators, Television, Video & Motion Picture	20	10	-50.0%	0	0	0
27-4032	Film & Video Editors	10	10	0.0%	0	0	0
29-0000	Healthcare Practitioners & Technical Occupations	13,080	14,700	12.4%	164	264	428
29-1000	Health Diagnosing & Treating Practitioners	7,730	8,740	13.1%	101	149	250
29-1011	Chiropractors	70	80	14.3%	0	2	2
29-1021	Dentists, General	150	160	6.7%	1	4	5
29-1031	Dietitians & Nutritionists	150	160	6.7%	1	5	6
29-1041	Optometrists	60	60	0.0%	0	2	2
29-1051	Pharmacists	380	410	7.9%	3	10	13
29-1061	Anesthesiologists	50	50	0.0%	0	1	1
29-1062	Family & General Practitioners	170	180	5.9%	1	3	4
29-1063	Internists, General	30	40	33.3%	0	1	1
29-1064	Obstetricians & Gynecologists	10	10	0.0%	0	0	0
29-1066	Psychiatrists	20	20	0.0%	0	0	0
29-1067	Surgeons	80	80	0.0%	0	2	2
29-1069	Physicians & Surgeons, All Other	330	350	6.1%	2	6	8
29-1071	Physician Assistants	150	160	6.7%	1	3	4
29-1081	Podiatrists	10	10	0.0%	0	0	0
29-1111	Registered Nurses	5,020	5,790	15.3%	76	91	167

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SOC Code	Occupational Title	Estimated 2010	Projected 2020	Percent Change	Average Annual Openings		
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29-1122	Occupational Therapists	210	240	14.3%	3	4	7
29-1123	Physical Therapists	310	360	16.1%	5	4	9
29-1125	Recreational Therapists	40	40	0.0%	0	1	1
29-1126	Respiratory Therapists	200	230	15.0%	3	4	7
29-1127	Speech-Language Pathologists	140	150	7.1%	1	3	4
29-1128	Therapists, All Other	10	10	0.0%	0	0	0
29-1131	Veterinarians	70	90	28.6%	2	1	3
29-1199	Health Diagnosing & Treating Practitioners, All Other	40	50	25.0%	0	1	1
29-2000	Health Technologists & Technicians	5,140	5,740	11.7%	62	108	170
29-2011	Medical & Clinical Laboratory Technologists	180	180	0.0%	0	4	4
29-2012	Medical & Clinical Laboratory Technicians	290	290	0.0%	0	6	6
29-2021	Dental Hygienists	220	270	22.7%	4	4	8
29-2031	Cardiovascular Technologists & Technicians	110	130	18.2%	2	2	4
29-2032	Diagnostic Medical Sonographers	110	130	18.2%	3	2	5
29-2033	Nuclear Medicine Technologists	50	50	0.0%	0	1	1
29-2037	Radiologic Technologists & Technicians	410	460	12.2%	5	6	11
29-2041	Emergency Medical Technicians & Paramedics	780	1,020	30.8%	24	16	40
29-2051	Dietetic Technicians	70	80	14.3%	0	1	1
29-2052	Pharmacy Technicians	520	570	9.6%	5	9	14
29-2053	Psychiatric Technicians	10	10	0.0%	0	0	0
29-2054	Respiratory Therapy Technicians	50	50	0.0%	0	1	1
29-2055	Surgical Technologists	170	180	5.9%	1	3	4
29-2056	Veterinary Technologists & Technicians	80	120	50.0%	3	1	4
29-2061	Licensed Practical & Licensed Vocational Nurses	1,630	1,750	7.4%	12	43	55
29-2071	Medical Records & Health Information Technicians	270	280	3.7%	1	5	6
29-2081	Opticians, Dispensing	160	160	0.0%	0	3	3
29-2799	Health Technologists & Technicians, All Other	40	40	0.0%	1	1	2
29-9000	Other Healthcare Practitioners & Technical Occupations	220	220	0.0%	1	8	9
29-9011	Occupational Health & Safety Specialists	130	120	-7.7%	0	4	4
29-9012	Occupational Health & Safety Technicians	10	10	0.0%	0	0	0
29-9091	Athletic Trainers	40	50	25.0%	1	1	2
29-9799	Healthcare Practitioners & Technical Workers, All Other, Including Genetic Counselors	40	40	0.0%	0	1	1
31-0000	Healthcare Support Occupations	8,080	9,340	15.6%	127	111	238
31-1000	Nursing, Psychiatric & Home Health Aides	6,100	7,210	18.2%	111	79	190
31-1011	Home Health Aides	3,060	3,990	30.4%	93	40	133

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31-1012	Nursing Aides, Orderlies & Attendants	2,960	3,130	5.7%	18	38	56
31-1013	Psychiatric Aides	90	90	0.0%	0	1	1
31-2000	Occupational & Physical Therapist Assistants & Aides	270	300	11.1%	3	4	7
31-2011	Occupational Therapist Assistants	60	70	16.7%	1	1	2
31-2012	Occupational Therapist Aides	20	20	0.0%	0	0	0
31-2021	Physical Therapist Assistants	120	140	16.7%	2	2	4
31-2022	Physical Therapist Aides	70	80	14.3%	1	1	2
31-9000	Other Healthcare Support Occupations	1,710	1,830	7.0%	13	28	41
31-9011	Massage Therapists	110	120	9.1%	1	2	3
31-9091	Dental Assistants	330	370	12.1%	5	7	12
31-9092	Medical Assistants	670	720	7.5%	6	10	16
31-9093	Medical Equipment Preparers	70	70	0.0%	0	1	1
31-9094	Medical Transcriptionists	190	170	-10.5%	0	3	3
31-9095	Pharmacy Aides	140	150	7.1%	1	2	3
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	70	70	0.0%	0	1	1
31-9799	Healthcare Support Workers, All Other	140	150	7.1%	0	2	2
33-0000	Protective Service Occupations	3,620	3,740	3.3%	15	83	98
33-1000	First-Line Supervisors/Managers, Protective Service Workers	250	250	0.0%	0	9	9
33-1011	First-Line Supervisors/Managers of Correctional Officers	50	50	0.0%	0	2	2
33-1012	First-Line Supervisors/Managers of Police & Detectives	160	160	0.0%	0	6	6
33-2000	Fire Fighting & Prevention Workers	70	70	0.0%	0	2	2
33-2011	Fire Fighters	70	70	0.0%	0	2	2
33-3000	Law Enforcement Workers	2,160	2,160	0.0%	2	49	51
33-3012	Correctional Officers & Jailers	1,150	1,130	-1.7%	0	20	20
33-3021	Detectives & Criminal Investigators	80	80	0.0%	0	2	2
33-3051	Police & Sheriff's Patrol Officers	850	870	2.4%	2	25	27
33-9000	Other Protective Service Workers	1,140	1,260	10.5%	13	24	37
33-9011	Animal Control Workers	10	10	0.0%	0	0	0
33-9021	Private Detectives & Investigators	30	30	0.0%	0	1	1
33-9031	Gaming Surveillance Officers & Gaming Investigators	10	10	0.0%	0	0	0
33-9032	Security Guards	930	1,040	11.8%	11	15	26
33-9091	Crossing Guards	40	40	0.0%	0	1	1
33-9092	Lifeguards, Ski Patrol & Other Recreational Protective Service Workers	50	60	20.0%	1	3	4
33-9093	Transportation Security Screeners	10	10	0.0%	0	0	0
33-9099	Protective Service Workers, All Other	60	70	16.7%	1	4	5

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35-0000	Food Preparation & Serving Related Occupations	16,450	16,960	3.1%	65	570	635
35-1000	Supervisors, Food Preparation & Serving Workers	1,190	1,220	2.5%	3	25	28
35-1011	Chefs & Head Cooks	180	170	-5.6%	0	3	3
35-1012	First-Line Supervisors/Managers of Food Preparation & Serving Workers	1,010	1,050	4.0%	3	22	25
35-2000	Cooks & Food Preparation Workers	4,400	4,380	-0.5%	6	113	119
35-2011	Cooks, Fast Food	470	460	-2.1%	0	10	10
35-2012	Cooks, Institution & Cafeteria	970	930	-4.1%	0	21	21
35-2013	Cooks, Private Household	10	10	0.0%	0	0	0
35-2014	Cooks, Restaurant	1,420	1,480	4.2%	6	30	36
35-2015	Cooks, Short Order	230	230	0.0%	0	5	5
35-2019	Cooks, All Other	20	20	0.0%	0	0	0
35-2021	Food Preparation Workers	1,280	1,250	-2.3%	0	46	46
35-3000	Food & Beverage Serving Workers	9,410	9,950	5.7%	55	360	415
35-3011	Bartenders	1,570	1,550	-1.3%	0	54	54
35-3021	Combined Food Preparation & Serving Workers, Including Fast Food	4,240	4,710	11.1%	47	118	165
35-3022	Counter Attendants, Cafeteria, Food Concession & Coffee Shop	560	620	10.7%	6	41	47
35-3031	Waiters & Waitresses	2,770	2,760	-0.4%	0	138	138
35-3041	Food Servers, Nonrestaurant	280	300	7.1%	2	8	10
35-9000	Other Food Preparation & Serving Related Workers	1,450	1,420	-2.1%	0	74	74
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	340	330	-2.9%	0	13	13
35-9021	Dishwashers	690	690	0.0%	0	32	32
35-9031	Hosts & Hostesses, Restaurant, Lounge & Coffee Shop	410	400	-2.4%	0	29	29
35-9099	Food Preparation & Serving Related Workers, All Other	10	0	-100.0%	0	0	0
37-0000	Building & Grounds Cleaning & Maintenance Occupations	7,210	7,270	0.8%	15	128	143
37-1000	Supervisors, Building & Grounds Cleaning & Maintenance Workers	400	390	-2.5%	1	6	7
37-1011	First-Line Supervisors/Managers of Housekeeping & Janitorial Workers	260	250	-3.8%	0	4	4
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service & Groundskeeping Workers	140	150	7.1%	1	2	3
37-2000	Building Cleaning & Pest Control Workers	5,390	5,320	-1.3%	0	97	97
37-2011	Janitors & Cleaners, Except Maids & Housekeeping Cleaners	2,950	2,920	-1.0%	0	56	56
37-2012	Maids & Housekeeping Cleaners	2,410	2,370	-1.7%	0	41	41
37-2021	Pest Control Workers	30	30	0.0%	0	1	1
37-3000	Grounds Maintenance Workers	1,420	1,560	9.9%	14	25	39
37-3011	Landscaping & Groundskeeping Workers	1,290	1,420	10.1%	13	23	36
37-3012	Pesticide Handlers, Sprayers & Applicators, Vegetation	10	10	0.0%	0	0	0
37-3013	Tree Trimmers & Pruners	100	110	10.0%	1	2	3

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37-3019	Grounds Maintenance Workers, All Other	30	30	0.0%	0	0	0
39-0000	Personal Care & Service Occupations	8,170	9,330	14.2%	116	207	323
39-1000	Supervisors, Personal Care & Service Workers	180	190	5.6%	1	4	5
39-1021	First-Line Supervisors/Managers of Personal Service Workers	180	190	5.6%	1	4	5
39-2000	Animal Care & Service Workers	350	370	5.7%	2	6	8
39-2011	Animal Trainers	110	100	-9.1%	0	1	1
39-2021	Nonfarm Animal Caretakers	240	260	8.3%	2	5	7
39-3000	Entertainment Attendants & Related Workers	810	890	9.9%	8	46	54
39-3012	Gaming & Sports Book Writers & Runners	10	20	100.0%	0	1	1
39-3031	Ushers, Lobby Attendants & Ticket Takers	100	100	0.0%	0	6	6
39-3091	Amusement & Recreation Attendants	630	700	11.1%	6	36	42
39-3093	Locker Room, Coatroom & Dressing Room Attendants	10	10	0.0%	0	1	1
39-3099	Entertainment Attendants & Related Workers, All Other	50	70	40.0%	2	3	5
39-4000	Funeral Service Workers	200	220	10.0%	2	7	9
39-4021	Funeral Attendants	100	100	0.0%	0	5	5
39-4831	Funeral Service Managers, Directors, Morticians & Undertakers	100	120	20.0%	1	2	3
39-5000	Personal Appearance Workers	1,520	1,660	9.2%	14	29	43
39-5011	Barbers	80	80	0.0%	0	2	2
39-5012	Hairdressers, Hairstylists & Cosmetologists	1,380	1,520	10.1%	13	26	39
39-5092	Manicurists & Pedicurists	50	50	0.0%	1	1	2
39-5094	Skin Care Specialists	10	10	0.0%	0	0	0
39-6000	Transportation, Tourism & Lodging Attendants	60	60	0.0%	0	2	2
39-6011	Baggage Porters & Bellhops	20	20	0.0%	0	0	0
39-6012	Concierges	40	50	25.0%	0	1	1
39-7000	Tour & Travel Guides	40	50	25.0%	0	2	2
39-7011	Tour Guides & Escorts	40	40	0.0%	0	2	2
39-9000	Other Personal Care & Service Workers	5,010	5,890	17.6%	88	111	199
39-9011	Child Care Workers	2,630	2,880	9.5%	25	83	108
39-9021	Personal & Home Care Aides	1,660	2,220	33.7%	56	13	69
39-9031	Fitness Trainers & Aerobics Instructors	240	280	16.7%	4	4	8
39-9032	Recreation Workers	300	320	6.7%	2	5	7
39-9041	Residential Advisors	170	170	0.0%	1	6	7
39-9099	Personal Care & Service Workers, All Other	20	20	0.0%	0	0	0
41-0000	Sales & Related Occupations	20,640	21,240	2.9%	72	670	742
41-1000	Supervisors, Sales Workers	2,080	2,090	0.5%	2	49	51

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41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,770	1,780	0.6%	2	41	43
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	320	300	-6.3%	0	8	8
41-2000	Retail Sales Workers	13,970	14,500	3.8%	53	509	562
41-2011	Cashiers	6,250	6,300	0.8%	4	284	288
41-2021	Counter & Rental Clerks	590	650	10.2%	6	13	19
41-2022	Parts Salespersons	390	410	5.1%	2	14	16
41-2031	Retail Salespersons	6,740	7,140	5.9%	40	198	238
41-3000	Sales Representatives, Services	1,300	1,350	3.8%	9	34	43
41-3011	Advertising Sales Agents	300	290	-3.3%	0	9	9
41-3021	Insurance Sales Agents	390	450	15.4%	6	9	15
41-3031	Securities, Commodities & Financial Services Sales Agents	200	180	-10.0%	0	6	6
41-3041	Travel Agents	80	80	0.0%	0	1	1
41-3099	Sales Representatives, Services, All Other	340	370	8.8%	3	10	13
41-4000	Sales Representatives, Wholesale & Manufacturing	2,330	2,410	3.4%	7	55	62
41-4011	Sales Representatives, Wholesale & Manufacturing, Technical & Scientific Products	270	290	7.4%	2	6	8
41-4012	Sales Representatives, Wholesale & Manufacturing, Except Technical & Scientific Products	2,060	2,110	2.4%	5	49	54
41-9000	Other Sales & Related Workers	950	890	-6.3%	1	22	23
41-9011	Demonstrators & Product Promoters	70	70	0.0%	0	2	2
41-9021	Real Estate Brokers	30	30	0.0%	0	1	1
41-9022	Real Estate Sales Agents	290	280	-3.4%	0	6	6
41-9031	Sales Engineers	30	40	33.3%	0	1	1
41-9041	Telemarketers	340	290	-14.7%	0	7	7
41-9091	Door-To-Door Sales Workers, News & Street Vendors & Related Workers	100	80	-20.0%	0	2	2
41-9799	Sales & Related Workers, All Other	100	100	0.0%	0	2	2
43-0000	Office & Administrative Support Occupations	28,290	28,190	-0.4%	90	606	696
43-1000	Supervisors, Office & Administrative Support Workers	1,660	1,700	2.4%	4	44	48
43-1011	First-Line Supervisors/Managers of Office & Administrative Support Workers	1,660	1,700	2.4%	4	44	48
43-2000	Communications Equipment Operators	250	170	-32.0%	0	5	5
43-2011	Switchboard Operators, Including Answering Service	190	130	-31.6%	0	4	4
43-3000	Financial Clerks	4,990	5,010	0.4%	15	104	119
43-3011	Bill & Account Collectors	340	340	0.0%	0	7	7
43-3021	Billing & Posting Clerks & Machine Operators	680	720	5.9%	4	12	16
43-3031	Bookkeeping, Accounting & Auditing Clerks	2,420	2,530	4.5%	10	27	37
43-3051	Payroll & Timekeeping Clerks	230	240	4.3%	0	5	5

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43-3061	Procurement Clerks	80	80	0.0%	0	3	3
43-3071	Tellers	1,240	1,120	-9.7%	0	51	51
43-4000	Information & Record Clerks	5,660	5,830	3.0%	24	166	190
43-4031	Court, Municipal & License Clerks	150	150	0.0%	0	4	4
43-4041	Credit Authorizers, Checkers & Clerks	40	30	-25.0%	0	1	1
43-4051	Customer Service Representatives	1,830	1,890	3.3%	6	52	58
43-4061	Eligibility Interviewers, Government Programs	570	560	-1.8%	0	15	15
43-4071	File Clerks	190	160	-15.8%	0	5	5
43-4081	Hotel, Motel & Resort Desk Clerks	380	400	5.3%	2	15	17
43-4111	Interviewers, Except Eligibility & Loan	240	250	4.2%	1	5	6
43-4121	Library Assistants, Clerical	180	200	11.1%	2	8	10
43-4131	Loan Interviewers & Clerks	80	60	-25.0%	0	2	2
43-4141	New Accounts Clerks	10	10	0.0%	0	0	0
43-4151	Order Clerks	230	230	0.0%	0	6	6
43-4161	Human Resources Assistants, Except Payroll & Timekeeping	280	300	7.1%	1	8	9
43-4171	Receptionists & Information Clerks	1,280	1,390	8.6%	11	39	50
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	30	30	0.0%	0	0	0
43-4199	Information & Record Clerks, All Other	140	130	-7.1%	0	4	4
43-5000	Material Recording, Scheduling, Dispatching & Distributing Workers	4,660	4,320	-7.3%	9	116	125
43-5011	Cargo & Freight Agents	70	100	42.9%	3	2	5
43-5021	Couriers & Messengers	140	130	-7.1%	0	3	3
43-5031	Police, Fire & Ambulance Dispatchers	130	130	0.0%	0	2	2
43-5032	Dispatchers, Except Police, Fire & Ambulance	170	210	23.5%	4	3	7
43-5041	Meter Readers, Utilities	60	60	0.0%	0	2	2
43-5051	Postal Service Clerks	80	50	-37.5%	0	2	2
43-5052	Postal Service Mail Carriers	530	440	-17.0%	0	17	17
43-5053	Postal Service Mail Sorters, Processors & Processing Machine Operators	270	160	-40.7%	0	1	1
43-5061	Production, Planning & Expediting Clerks	360	370	2.8%	1	9	10
43-5071	Shipping, Receiving & Traffic Clerks	760	690	-9.2%	0	19	19
43-5081	Stock Clerks & Order Fillers	2,010	1,890	-6.0%	0	50	50
43-5111	Weighers, Measurers, Checkers & Samplers, Recordkeeping	100	100	0.0%	1	4	5
43-6000	Secretaries & Administrative Assistants	4,800	4,770	-0.6%	12	64	76
43-6011	Executive Secretaries & Administrative Assistants	850	860	1.2%	1	11	12
43-6012	Legal Secretaries	150	150	0.0%	0	2	2

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43-6013	Medical Secretaries	670	770	14.9%	10	9	19
43-6014	Secretaries, Except Legal, Medical & Executive	3,140	2,990	-4.8%	0	42	42
43-9000	Other Office & Administrative Support Workers	6,280	6,390	1.8%	26	107	133
43-9011	Computer Operators	80	70	-12.5%	0	1	1
43-9021	Data Entry Keyers	260	240	-7.7%	0	5	5
43-9022	Word Processors & Typists	510	420	-17.6%	0	3	3
43-9031	Desktop Publishers	30	20	-33.3%	0	1	1
43-9041	Insurance Claims & Policy Processing Clerks	150	170	13.3%	2	4	6
43-9051	Mail Clerks & Mail Machine Operators, Except Postal Service	90	80	-11.1%	0	2	2
43-9061	Office Clerks, General	5,020	5,260	4.8%	24	89	113
43-9071	Office Machine Operators, Except Computer	50	40	-20.0%	0	1	1
43-9799	Office & Administrative Support Workers, All Other	90	90	0.0%	0	2	2
45-0000	Farming, Fishing & Forestry Occupations	3,840	3,800	-1.0%	0	116	116
45-1000	Supervisors, Farming, Fishing & Forestry Workers	150	150	0.0%	0	4	4
45-1011	First-Line Supervisors/Managers of Farming, Fishing & Forestry Workers	150	150	0.0%	0	4	4
45-2000	Agricultural Workers	3,600	3,570	-0.8%	0	109	109
45-2011	Agricultural Inspectors	30	30	0.0%	0	1	1
45-2021	Animal Breeders	50	50	0.0%	0	2	2
45-2041	Graders & Sorters, Agricultural Products	80	80	0.0%	0	2	2
45-2091	Agricultural Equipment Operators	270	270	0.0%	0	8	8
45-2092	Farmworkers & Laborers, Crop, Nursery & Greenhouse	2,800	2,780	-0.7%	0	85	85
45-2093	Farmworkers, Farm & Ranch Animals	330	330	0.0%	0	10	10
45-2099	Agricultural Workers, All Other	50	50	0.0%	0	2	2
45-4000	Forest, Conservation & Logging Workers	80	80	0.0%	0	2	2
45-4011	Forest & Conservation Workers	10	10	0.0%	0	0	0
45-4021	Fallers	20	20	0.0%	0	1	1
45-4022	Logging Equipment Operators	30	30	0.0%	0	1	1
45-4023	Log Graders & Scalers	20	20	0.0%	0	0	0
47-0000	Construction & Extraction Occupations	9,960	10,750	7.9%	82	212	294
47-1000	Supervisors, Construction & Extraction Workers	870	940	8.0%	7	20	27
47-1011	First-Line Supervisors/Managers of Construction Trades & Extraction Workers	870	940	8.0%	7	20	27
47-2000	Construction Trades Workers	7,370	7,870	6.8%	52	148	200
47-2011	Boilermakers	10	10	0.0%	0	0	0
47-2021	Brickmasons & Blockmasons	130	140	7.7%	2	3	5

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SOC Code	Occupational Title	Estimated 2010	Projected 2020	Percent Change	Average Annual Openings		
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47-2031	Carpenters	2,050	2,150	4.9%	10	43	53
47-2041	Carpet Installers	100	100	0.0%	0	2	2
47-2043	Floor Sanders & Finishers	10	10	0.0%	0	0	0
47-2044	Tile & Marble Setters	110	120	9.1%	2	2	4
47-2051	Cement Masons & Concrete Finishers	160	170	6.3%	1	2	3
47-2061	Construction Laborers	1,400	1,530	9.3%	12	11	23
47-2071	Paving, Surfacing & Tamping Equipment Operators	90	100	11.1%	1	2	3
47-2073	Operating Engineers & Other Construction Equipment Operators	1,270	1,370	7.9%	10	29	39
47-2081	Drywall & Ceiling Tile Installers	100	110	10.0%	1	3	4
47-2082	Tapers	10	20	100.0%	0	0	0
47-2111	Electricians	640	660	3.1%	2	17	19
47-2121	Glaziers	50	50	0.0%	0	2	2
47-2131	Insulation Workers, Floor, Ceiling & Wall	10	10	0.0%	0	0	0
47-2132	Insulation Workers, Mechanical	120	140	16.7%	2	5	7
47-2141	Painters, Construction & Maintenance	240	260	8.3%	2	5	7
47-2142	Paperhangers	30	30	0.0%	0	0	0
47-2151	Pipelayers	50	60	20.0%	1	1	2
47-2152	Plumbers, Pipefitters & Steamfitters	330	360	9.1%	3	10	13
47-2161	Plasterers & Stucco Masons	10	10	0.0%	0	0	0
47-2181	Roofers	130	120	-7.7%	0	3	3
47-2211	Sheet Metal Workers	270	290	7.4%	2	5	7
47-2221	Structural Iron & Steel Workers	20	20	0.0%	0	0	0
47-3000	Helpers, Construction Trades	270	310	14.8%	5	7	12
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons & Tile & Marble Setters	10	20	100.0%	0	0	0
47-3012	Helpers--Carpenters	100	130	30.0%	3	3	6
47-3013	Helpers--Electricians	70	70	0.0%	0	2	2
47-3014	Helpers--Painters, Paperhangers, Plasterers & Stucco Masons	10	10	0.0%	0	0	0
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters & Steamfitters	50	60	20.0%	1	1	2
47-3016	Helpers--Roofers	10	10	0.0%	0	0	0
47-3019	Helpers, Construction Trades, All Other	10	10	0.0%	0	0	0
47-4000	Other Construction & Related Workers	990	1,040	5.1%	5	27	32
47-4011	Construction & Building Inspectors	220	240	9.1%	2	6	8
47-4031	Fence Erectors	30	30	0.0%	0	1	1
47-4041	Hazardous Materials Removal Workers	40	40	0.0%	1	1	2

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47-4051	Highway Maintenance Workers	550	570	3.6%	2	14	16
47-4061	Rail-Track Laying & Maintenance Equipment Operators	40	40	0.0%	0	1	1
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	90	90	0.0%	0	2	2
47-5000	Extraction Workers	460	590	28.3%	13	10	23
47-5012	Rotary Drill Operators, Oil & Gas	10	30	200.0%	2	0	2
47-5013	Service Unit Operators, Oil, Gas & Mining	40	60	50.0%	3	1	4
47-5021	Earth Drillers, Except Oil & Gas	80	100	25.0%	2	2	4
47-5031	Explosives Workers, Ordnance Handling Experts & Blasters	30	30	0.0%	0	1	1
47-5041	Continuous Mining Machine Operators	90	90	0.0%	0	2	2
47-5042	Mine Cutting & Channeling Machine Operators	50	50	0.0%	0	1	1
47-5049	Mining Machine Operators, All Other	20	20	0.0%	0	0	0
47-5051	Rock Splitters, Quarry	20	20	0.0%	0	0	0
47-5061	Roof Bolters, Mining	70	70	0.0%	0	1	1
47-5071	Roustabouts, Oil & Gas	10	30	200.0%	2	0	2
47-5081	Helpers--Extraction Workers	50	60	20.0%	1	1	2
47-5099	Extraction Workers, All Other	20	20	0.0%	0	0	0
49-0000	Installation, Maintenance & Repair Occupations	8,190	8,800	7.4%	63	186	249
49-1000	Supervisors of Installation, Maintenance & Repair Workers	480	490	2.1%	1	12	13
49-1011	First-Line Supervisors/Managers of Mechanics, Installers & Repairers	480	490	2.1%	1	12	13
49-2000	Electrical & Electronic Equipment Mechanics, Installers & Repairers	660	740	12.1%	8	13	21
49-2011	Computer, Automated Teller & Office Machine Repairers	80	90	12.5%	0	2	2
49-2022	Telecommunications Equipment Installers & Repairers, Except Line Installers	260	300	15.4%	4	4	8
49-2091	Avionics Technicians	10	10	0.0%	0	0	0
49-2092	Electric Motor, Power Tool & Related Repairers	40	40	0.0%	0	0	0
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	130	140	7.7%	1	3	4
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation & Relay	30	40	33.3%	1	1	2
49-2096	Electronic Equipment Installers & Repairers, Motor Vehicles	10	10	0.0%	0	0	0
49-2097	Electronic Home Entertainment Equipment Installers & Repairers	50	50	0.0%	0	1	1
49-2098	Security & Fire Alarm Systems Installers	50	60	20.0%	1	1	2
49-3000	Vehicle & Mobile Equipment Mechanics, Installers	3,140	3,370	7.3%	24	79	103
49-3011	Aircraft Mechanics & Service Technicians	110	90	-18.2%	0	3	3
49-3021	Automotive Body & Related Repairers	190	190	0.0%	0	5	5
49-3022	Automotive Glass Installers & Repairers	90	100	11.1%	0	2	2
49-3023	Automotive Service Technicians & Mechanics	1,470	1,550	5.4%	8	38	46

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49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	550	620	12.7%	7	12	19
49-3041	Farm Equipment Mechanics	40	50	25.0%	0	1	1
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	240	280	16.7%	4	6	10
49-3043	Rail Car Repairers	100	120	20.0%	2	3	5
49-3051	Motorboat Mechanics	20	20	0.0%	0	0	0
49-3052	Motorcycle Mechanics	80	90	12.5%	1	2	3
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	20	20	0.0%	0	0	0
49-3091	Bicycle Repairers	20	30	50.0%	1	0	1
49-3092	Recreational Vehicle Service Technicians	20	20	0.0%	0	0	0
49-3093	Tire Repairers & Changers	190	200	5.3%	1	5	6
49-9000	Other Installation, Maintenance & Repair Occupations	3,920	4,200	7.1%	30	81	111
49-9012	Control & Valve Installers & Repairers, Except Mechanical Door	10	10	0.0%	0	0	0
49-9021	Heating, Air Conditioning & Refrigeration Mechanics & Installers	460	520	13.0%	6	8	14
49-9031	Home Appliance Repairers	50	50	0.0%	0	1	1
49-9041	Industrial Machinery Mechanics	600	690	15.0%	10	12	22
49-9043	Maintenance Workers, Machinery	70	70	0.0%	0	1	1
49-9044	Millwrights	50	50	0.0%	0	1	1
49-9045	Refractory Materials Repairers, Except Brickmasons	10	10	0.0%	0	0	0
49-9051	Electrical Power-Line Installers & Repairers	190	240	26.3%	5	6	11
49-9052	Telecommunications Line Installers & Repairers	170	170	0.0%	0	3	3
49-9062	Medical Equipment Repairers	60	70	16.7%	1	2	3
49-9069	Precision Instrument & Equipment Repairers, All Other	10	10	0.0%	0	0	0
49-9071	Maintenance & Repair Workers, General	1,800	1,830	1.7%	3	33	36
49-9091	Coin, Vending & Amusement Machine Servicers & Repairers	80	100	25.0%	2	2	4
49-9094	Locksmiths & Safe Repairers	20	20	0.0%	0	0	0
49-9095	Manufactured Building & Mobile Home Installers	20	20	0.0%	0	0	0
49-9096	Riggers	50	70	40.0%	2	1	3
49-9097	Signal & Track Switch Repairers	10	10	0.0%	0	0	0
49-9098	Helpers--Installation, Maintenance & Repair Workers	180	190	5.6%	1	8	9
49-9799	Installation, Maintenance & Repair Workers, All Other	80	80	0.0%	0	2	2
51-0000	Production Occupations	14,610	14,860	1.7%	81	298	379
51-1000	Supervisors, Production Workers	1,040	1,030	-1.0%	0	14	14
51-1011	First-Line Supervisors/Managers of Production & Operating Workers	1,040	1,030	-1.0%	0	14	14
51-2000	Assemblers & Fabricators	2,560	2,790	9.0%	29	47	76

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51-2011	Aircraft Structure, Surfaces, Rigging & Systems Assemblers	30	30	0.0%	0	1	1
51-2021	Coil Winders, Tapers & Finishers	10	10	0.0%	0	0	0
51-2022	Electrical & Electronic Equipment Assemblers	630	710	12.7%	8	9	17
51-2023	Electromechanical Equipment Assemblers	120	90	-25.0%	0	2	2
51-2031	Engine & Other Machine Assemblers	40	30	-25.0%	0	1	1
51-2041	Structural Metal Fabricators & Fitters	130	130	0.0%	0	3	3
51-2091	Fiberglass Laminators & Fabricators	30	20	-33.3%	0	1	1
51-2092	Team Assemblers	1,290	1,450	12.4%	16	26	42
51-2093	Timing Device Assemblers, Adjusters & Calibrators	10	0	-100.0%	0	0	0
51-2099	Assemblers & Fabricators, All Other	270	320	18.5%	5	5	10
51-3000	Food Processing Workers	1,020	1,010	-1.0%	1	29	30
51-3011	Bakers	240	230	-4.2%	0	7	7
51-3021	Butchers & Meat Cutters	250	240	-4.0%	0	7	7
51-3022	Meat, Poultry & Fish Cutters & Trimmers	50	60	20.0%	0	2	2
51-3023	Slaughterers & Meat Packers	50	50	0.0%	0	1	1
51-3092	Food Batchmakers	350	340	-2.9%	0	10	10
51-3093	Food Cooking Machine Operators & Tenders	80	80	0.0%	0	2	2
51-4000	Metal Workers & Plastic Workers	3,590	3,800	5.8%	28	84	112
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	270	330	22.2%	6	5	11
51-4012	Numerical Tool & Process Control Programmers	10	20	100.0%	0	0	0
51-4021	Extruding & Drawing Machine Setters, Operators & Tenders, Metal & Plastic	140	160	14.3%	2	3	5
51-4022	Forging Machine Setters, Operators & Tenders, Metal & Plastic	80	70	-12.5%	0	2	2
51-4023	Rolling Machine Setters, Operators & Tenders, Metal & Plastic	90	100	11.1%	1	2	3
51-4031	Cutting, Punching & Press Machine Setters, Operators & Tenders, Metal & Plastic	430	470	9.3%	4	3	7
51-4032	Drilling & Boring Machine Tool Setters, Operators & Tenders, Metal & Plastic	30	30	0.0%	0	0	0
51-4033	Grinding, Lapping, Polishing & Buffing Machine Tool Setters, Operators & Tenders, Metal	110	90	-18.2%	0	2	2
51-4034	Lathe & Turning Machine Tool Setters, Operators & Tenders, Metal & Plastic	40	40	0.0%	0	1	1
51-4035	Milling & Planing Machine Setters, Operators & Tenders, Metal & Plastic	30	30	0.0%	0	1	1
51-4041	Machinists	630	660	4.8%	4	12	16
51-4051	Metal-Refining Furnace Operators & Tenders	30	30	0.0%	0	1	1
51-4052	Pourers & Casters, Metal	40	40	0.0%	0	1	1
51-4061	Model Makers, Metal & Plastic	10	0	-100.0%	0	0	0
51-4062	Patternmakers, Metal & Plastic	10	10	0.0%	0	0	0
51-4071	Foundry Mold & Coremakers	10	20	100.0%	0	0	0

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51-4072	Molding, Coremaking & Casting Machine Setters, Operators & Tenders, Metal & Plastic	90	110	22.2%	2	2	4
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	90	90	0.0%	0	2	2
51-4111	Tool & Die Makers	120	110	-8.3%	0	1	1
51-4121	Welders, Cutters, Solderers & Brazers	850	910	7.1%	6	23	29
51-4122	Welding, Soldering & Brazing Machine Setters, Operators & Tenders	130	140	7.7%	1	3	4
51-4191	Heat Treating Equipment Setters, Operators & Tenders, Metal & Plastic	250	230	-8.0%	0	20	20
51-4193	Plating & Coating Machine Setters, Operators & Tenders, Metal & Plastic	100	100	0.0%	1	2	3
51-4194	Tool Grinders, Filers & Sharpeners	20	20	0.0%	0	0	0
51-5000	Printing Workers	400	350	-12.5%	0	8	8
51-5111	Prepress Technicians & Workers	70	50	-28.6%	0	2	2
51-5112	Printing Press Operators & Job Printers	290	260	-10.3%	0	6	6
51-5113	Print Binding & Finishing Workers	40	30	-25.0%	0	1	1
51-6000	Textile, Apparel & Furnishings Workers	670	570	-14.9%	0	9	9
51-6011	Laundry & Dry-Cleaning Workers	270	270	0.0%	0	5	5
51-6021	Pressers, Textile, Garment & Related Materials	80	60	-25.0%	0	1	1
51-6031	Sewing Machine Operators	160	110	-31.3%	0	1	1
51-6051	Sewers, Hand	20	20	0.0%	0	0	0
51-6052	Tailors, Dressmakers & Custom Sewers	20	20	0.0%	0	0	0
51-6061	Textile Bleaching & Dyeing Machine Operators & Tenders	10	0	-100.0%	0	0	0
51-6062	Textile Cutting Machine Setters, Operators & Tenders	40	30	-25.0%	0	1	1
51-6063	Textile Knitting & Weaving Machine Setters, Operators & Tenders	50	40	-20.0%	0	0	0
51-6064	Textile Winding, Twisting & Drawing Out Machine Setters, Operators & Tenders	10	0	-100.0%	0	0	0
51-6093	Upholsterers	10	10	0.0%	0	0	0
51-6099	Textile, Apparel & Furnishings Workers, All Other	10	10	0.0%	0	0	0
51-7000	Woodworkers	360	310	-13.9%	0	6	6
51-7011	Cabinetmakers & Bench Carpenters	80	70	-12.5%	0	2	2
51-7021	Furniture Finishers	10	10	0.0%	0	0	0
51-7041	Sawing Machine Setters, Operators & Tenders, Wood	130	120	-7.7%	0	3	3
51-7042	Woodworking Machine Setters, Operators & Tenders, Except Sawing	140	100	-28.6%	0	1	1
51-8000	Plant & System Operators	570	620	8.8%	5	16	21
51-8021	Stationary Engineers & Boiler Operators	70	70	0.0%	0	1	1
51-8031	Water & Liquid Waste Treatment Plant & System Operators	300	310	3.3%	1	8	9
51-8091	Chemical Plant & System Operators	50	60	20.0%	1	2	3
51-8092	Gas Plant Operators	20	30	50.0%	0	1	1

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51-8093	Petroleum Pump System Operators, Refinery Operators & Gaugers	10	10	0.0%	0	0	0
51-8099	Plant & System Operators, All Other	10	0	-100.0%	0	0	0
51-9000	Other Production Occupations	4,400	4,400	0.0%	17	86	103
51-9011	Chemical Equipment Operators & Tenders	70	90	28.6%	2	1	3
51-9012	Separating, Filtering, Clarifying, Precipitating & Still Machine Setters, Operators & Tenders	40	50	25.0%	1	1	2
51-9021	Crushing, Grinding & Polishing Machine Setters, Operators & Tenders	80	90	12.5%	1	2	3
51-9022	Grinding & Polishing Workers, Hand	20	20	0.0%	0	1	1
51-9023	Mixing & Blending Machine Setters, Operators & Tenders	200	220	10.0%	2	6	8
51-9031	Cutters & Trimmers, Hand	10	10	0.0%	0	0	0
51-9032	Cutting & Slicing Machine Setters, Operators & Tenders	90	80	-11.1%	0	2	2
51-9041	Extruding, Forming, Pressing & Compacting Machine Setters, Operators & Tenders	50	50	0.0%	0	1	1
51-9051	Furnace, Kiln, Oven, Drier & Kettle Operators & Tenders	120	120	0.0%	0	3	3
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	680	740	8.8%	6	15	21
51-9071	Jewelers & Precious Stone & Metal Workers	50	40	-20.0%	0	1	1
51-9081	Dental Laboratory Technicians	20	20	0.0%	0	0	0
51-9082	Medical Appliance Technicians	30	30	0.0%	0	1	1
51-9083	Ophthalmic Laboratory Technicians	80	70	-12.5%	0	2	2
51-9111	Packaging & Filling Machine Operators & Tenders	740	720	-2.7%	0	12	12
51-9121	Coating, Painting & Spraying Machine Setters, Operators & Tenders	160	180	12.5%	2	4	6
51-9122	Painters, Transportation Equipment	40	30	-25.0%	0	1	1
51-9123	Painting, Coating & Decorating Workers	80	70	-12.5%	0	2	2
51-9151	Photographic Process Workers & Processing Machine Operators	90	70	-22.2%	0	2	2
51-9192	Cleaning, Washing & Metal Pickling Equipment Operators & Tenders	10	10	0.0%	0	0	0
51-9194	Etchers & Engravers	30	20	-33.3%	0	0	0
51-9195	Molders, Shapers & Casters, Except Metal & Plastic	110	100	-9.1%	0	4	4
51-9196	Paper Goods Machine Setters, Operators & Tenders	690	630	-8.7%	0	7	7
51-9198	Helpers--Production Workers	800	840	5.0%	4	13	17
51-9399	Production Workers, All Other	80	70	-12.5%	0	2	2
53-0000	Transportation & Material Moving Occupations	15,850	17,490	10.3%	166	387	553
53-1000	Supervisors, Transportation & Material Moving Workers	480	540	12.5%	6	10	16
53-1021	First-Line Supervisors/Managers of Helpers, Laborers & Material Movers, Hand	200	220	10.0%	2	4	6
53-1031	First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle	280	320	14.3%	4	6	10
53-2000	Air Transportation Workers	40	40	0.0%	0	2	2
53-2011	Airline Pilots, Copilots & Flight Engineers	10	10	0.0%	0	0	0

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53-2012	Commercial Pilots	30	30	0.0%	0	1	1
53-3000	Motor Vehicle Operators	8,060	9,110	13.0%	105	155	260
53-3021	Bus Drivers, Transit & Intercity	110	120	9.1%	0	2	2
53-3022	Bus Drivers, School	1,130	1,160	2.7%	4	22	26
53-3031	Driver/Sales Workers	1,040	1,180	13.5%	14	21	35
53-3032	Truck Drivers, Heavy & Tractor-Trailer	3,550	4,270	20.3%	72	71	143
53-3033	Truck Drivers, Light or Delivery Services	1,550	1,650	6.5%	10	31	41
53-3041	Taxi Drivers & Chauffeurs	630	680	7.9%	5	8	13
53-4000	Rail Transportation Workers	530	580	9.4%	6	17	23
53-4011	Locomotive Engineers	180	210	16.7%	2	6	8
53-4013	Rail Yard Engineers, Dinkey Operators & Hostlers	20	20	0.0%	0	1	1
53-4021	Railroad Brake, Signal & Switch Operators	80	90	12.5%	0	3	3
53-4031	Railroad Conductors & Yardmasters	220	250	13.6%	3	7	10
53-5000	Water Transportation Workers	70	70	0.0%	0	2	2
53-5021	Captains, Mates & Pilots of Water Vessels	10	10	0.0%	0	0	0
53-5022	Motorboat Operators	60	60	0.0%	0	2	2
53-6000	Other Transportation Workers	160	180	12.5%	1	4	5
53-6021	Parking Lot Attendants	10	10	0.0%	0	0	0
53-6031	Service Station Attendants	70	70	0.0%	0	2	2
53-6051	Transportation Inspectors	40	40	0.0%	0	1	1
53-6061	Transportation Attendants, Except Flight Attendants	30	30	0.0%	0	1	1
53-6099	Transportation Workers, All Other	10	10	0.0%	0	0	0
53-7000	Material Moving Workers	6,520	6,970	6.9%	46	197	243
53-7011	Conveyor Operators & Tenders	50	50	0.0%	0	1	1
53-7021	Crane & Tower Operators	90	110	22.2%	2	2	4
53-7032	Excavating & Loading Machine & Dragline Operators	200	210	5.0%	2	6	8
53-7033	Loading Machine Operators, Underground Mining	30	30	0.0%	0	1	1
53-7051	Industrial Truck & Tractor Operators	850	910	7.1%	6	24	30
53-7061	Cleaners of Vehicles & Equipment	340	350	2.9%	1	10	11
53-7062	Laborers & Freight, Stock & Material Movers, Hand	3,400	3,640	7.1%	24	108	132
53-7063	Machine Feeders & Offbearers	130	120	-7.7%	0	2	2
53-7064	Packers & Packagers, Hand	1,090	1,110	1.8%	2	31	33
53-7072	Pump Operators, Except Wellhead Pumpers	10	20	100.0%	1	0	1
53-7073	Wellhead Pumpers	10	10	0.0%	1	0	1

**Southern Alleghenies WIA
Occupational Employment
2010-2020 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2010	Projected 2020	Percent Change	<u>Average Annual Openings</u>		
					Due to Growth ^{1/}	Due to Replace. ^{2/}	Total ^{3/}
53-7081	Refuse & Recyclable Material Collectors	290	360	24.1%	8	8	16
53-7121	Tank Car, Truck & Ship Loaders	20	20	0.0%	0	0	0
53-7199	Material Moving Workers, All Other	10	10	0.0%	0	0	0

FOOTNOTES:

Data may not add to totals due to rounding. Confidential data and occupations with employment less than 10 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.