

**Philadelphia County WIA
Occupational Employment
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth ^{1/}	Due to Replace. ^{2/}	Total ^{3/}
00-0000	Total, All Occupations	661,830	705,250	6.6%	5,039	15,410	20,449
11-0000	Management Occupations	31,280	33,240	6.3%	197	653	850
11-1000	Top Executives	8,340	8,860	6.2%	53	161	214
11-1021	General & Operations Managers	6,420	6,920	7.8%	49	120	169
11-2000	Advertising, Marketing, Promotions, Public Relations & Sales Managers	2,410	2,610	8.3%	20	54	74
11-2011	Advertising & Promotions Managers	180	180	0.0%	0	6	6
11-2021	Marketing Managers	810	910	12.3%	10	17	27
11-2022	Sales Managers	990	1,030	4.0%	4	21	25
11-2031	Public Relations & Fundraising Managers	440	490	11.4%	5	9	14
11-3000	Operations Specialties Managers	7,270	7,770	6.9%	51	136	187
11-3011	Administrative Services Managers	1,630	1,760	8.0%	13	26	39
11-3021	Computer & Information Systems Managers	1,090	1,220	11.9%	13	15	28
11-3031	Financial Managers	2,580	2,700	4.7%	12	48	60
11-3051	Industrial Production Managers	320	320	0.0%	0	6	6
11-3061	Purchasing Managers	280	290	3.6%	1	6	7
11-3071	Transportation, Storage & Distribution Managers	450	460	2.2%	0	10	10
11-3111	Compensation & Benefits Managers	220	230	4.5%	1	6	7
11-3121	Human Resources Managers	560	660	17.9%	9	15	24
11-3131	Training & Development Managers	130	140	7.7%	2	3	5
11-9000	Other Management Occupations	13,270	14,000	5.5%	74	302	376
11-9021	Construction Managers	600	660	10.0%	6	9	15
11-9031	Education Admin., Preschool & Childcare Center/Program	370	420	13.5%	5	10	15
11-9032	Education Administrators, Elementary & Secondary School	920	910	-1.1%	0	24	24
11-9033	Education Administrators, Postsecondary	1,370	1,480	8.0%	11	36	47
11-9039	Education Administrators, Other	180	180	0.0%	1	5	6
11-9041	Architectural & Engineering Managers	490	500	2.0%	1	12	13
11-9051	Food Service Managers	1,070	1,070	0.0%	1	19	20
11-9071	Gaming Managers	10	10	0.0%	0	0	0
11-9081	Lodging Managers	130	140	7.7%	0	4	4
11-9111	Medical & Health Services Managers	2,140	2,460	15.0%	32	52	84
11-9121	Natural Sciences Managers	290	300	3.4%	1	6	7
11-9141	Property, Real Estate & Community Association Managers	600	610	1.7%	1	14	15
11-9151	Social & Community Service Managers	1,180	1,300	10.2%	13	24	37
11-9199	Managers, Other	3,860	3,880	0.5%	2	84	86
13-0000	Business & Financial Operations Occupations	38,640	40,950	6.0%	259	801	1,060

**Philadelphia County WIA
Occupational Employment
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth ^{1/}	Due to Replace. ^{2/}	Total ^{3/}
13-1000	Business Operations Specialists	22,340	23,870	6.8%	168	383	551
13-1011	Agents & Business Managers of Artists, Performers & Athletes	110	110	0.0%	0	2	2
13-1021	Buyers & Purchasing Agents, Farm Products	110	110	0.0%	1	2	3
13-1022	Wholesale & Retail Buyers	410	440	7.3%	2	10	12
13-1023	Purchasing Agents	1,570	1,610	2.5%	4	28	32
13-1031	Claims Adjusters, Examiners & Investigators	1,880	1,850	-1.6%	0	44	44
13-1041	Compliance Officers	1,640	1,660	1.2%	1	30	31
13-1051	Cost Estimators	530	610	15.1%	8	17	25
13-1071	Human Resources Specialists	2,330	2,450	5.2%	11	43	54
13-1075	Labor Relations Specialists	950	940	-1.1%	0	17	17
13-1081	Logisticians	880	1,100	25.0%	22	10	32
13-1111	Management Analysts	2,950	3,140	6.4%	19	46	65
13-1121	Meeting, Convention & Event Planners	590	750	27.1%	16	8	24
13-1131	Fundraisers	290	340	17.2%	5	6	11
13-1141	Compensation, Benefits & Job Analysis Specialists	590	600	1.7%	1	11	12
13-1151	Training & Development Specialists	1,260	1,420	12.7%	17	23	40
13-1161	Market Research Analysts & Marketing Specialists	2,430	3,050	25.5%	61	33	94
13-1199	Business Operations Specialists, Other	3,810	3,710	-2.6%	0	52	52
13-2000	Financial Specialists	16,300	17,080	4.8%	91	418	509
13-2011	Accountants & Auditors	7,250	7,720	6.5%	47	214	261
13-2021	Appraisers & Assessors of Real Estate	260	240	-7.7%	0	2	2
13-2031	Budget Analysts	410	450	9.8%	4	16	20
13-2041	Credit Analysts	170	190	11.8%	1	4	5
13-2051	Financial Analysts	2,240	2,420	8.0%	17	55	72
13-2052	Personal Financial Advisors	810	980	21.0%	17	13	30
13-2053	Insurance Underwriters	800	740	-7.5%	0	22	22
13-2061	Financial Examiners	360	370	2.8%	1	9	10
13-2071	Credit Counselors	200	220	10.0%	2	4	6
13-2072	Loan Officers	1,200	1,210	0.8%	0	22	22
13-2081	Tax Examiners, Collectors & Revenue Agents	1,000	940	-6.0%	0	34	34
13-2082	Tax Preparers	480	480	0.0%	0	10	10
13-2099	Financial Specialists, Other	1,120	1,130	0.9%	1	12	13
15-0000	Computer & Mathematical Occupations	14,550	16,200	11.3%	170	248	418
15-1100	Computer Occupations	13,450	14,930	11.0%	154	217	371
15-1121	Computer Systems Analysts	2,140	2,530	18.2%	39	34	73

**Philadelphia County WIA
Occupational Employment
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth ^{1/}	Due to Replace. ^{2/}	Total ^{3/}
15-1122	Information Security Analysts	350	480	37.1%	14	5	19
15-1131	Computer Programmers	1,030	1,050	1.9%	2	27	29
15-1132	Software Developers, Applications	1,270	1,460	15.0%	19	16	35
15-1133	Software Developers, Systems Software	950	1,080	13.7%	12	12	24
15-1134	Web Developers	650	750	15.4%	9	10	19
15-1141	Database Administrators	490	520	6.1%	2	9	11
15-1142	Network & Computer Systems Administrators	1,870	2,000	7.0%	13	29	42
15-1151	Computer User Support Specialists	2,610	3,030	16.1%	41	41	82
15-1152	Computer Network Support Specialists	450	450	0.0%	0	7	7
15-1199	Computer Occupations, Other	1,280	1,230	-3.9%	0	20	20
15-2000	Mathematical Scientists	1,110	1,270	14.4%	16	30	46
15-2011	Actuaries	370	420	13.5%	5	10	15
15-2031	Operations Research Analysts	400	480	20.0%	8	9	17
15-2041	Statisticians	320	350	9.4%	3	10	13
17-0000	Architecture & Engineering Occupations	8,550	8,860	3.6%	48	202	250
17-1000	Architects, Surveyors & Cartographers	1,180	1,240	5.1%	6	28	34
17-1011	Architects	880	930	5.7%	5	21	26
17-1021	Cartographers & Photogrammetrists	30	30	0.0%	0	0	0
17-2000	Engineers	5,650	5,950	5.3%	39	144	183
17-2021	Agricultural Engineers	10	0	-100.0%	0	0	0
17-2041	Chemical Engineers	180	160	-11.1%	0	4	4
17-2051	Civil Engineers	1,650	1,810	9.7%	16	40	56
17-2061	Computer Hardware Engineers	140	130	-7.1%	0	3	3
17-2071	Electrical Engineers	370	390	5.4%	1	8	9
17-2072	Electronics Engineers	490	480	-2.0%	0	11	11
17-2081	Environmental Engineers	480	500	4.2%	2	12	14
17-2112	Industrial Engineers	590	660	11.9%	7	17	24
17-2141	Mechanical Engineers	690	730	5.8%	4	24	28
17-2161	Nuclear Engineers	30	30	0.0%	0	1	1
17-2199	Engineers, Other	370	340	-8.1%	0	7	7
17-3000	Drafters, Engineering & Mapping Technicians	1,720	1,670	-2.9%	3	31	34
17-3011	Architectural & Civil Drafters	300	270	-10.0%	0	4	4
17-3012	Electrical & Electronics Drafters	60	60	0.0%	0	1	1
17-3013	Mechanical Drafters	230	240	4.3%	1	3	4
17-3022	Civil Engineering Technicians	200	190	-5.0%	0	4	4

**Philadelphia County WIA
Occupational Employment
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth ^{1/}	Due to Replace. ^{2/}	Total ^{3/}
17-3023	Electrical & Electronic Engineering Technicians	330	310	-6.1%	0	7	7
17-3026	Industrial Engineering Technicians	80	80	0.0%	0	2	2
17-3027	Mechanical Engineering Technicians	60	70	16.7%	0	1	1
17-3029	Engineering Technicians, Other	270	260	-3.7%	0	6	6
17-3031	Surveying & Mapping Technicians	50	50	0.0%	0	1	1
19-0000	Life, Physical & Social Science Occupations	6,990	7,640	9.3%	71	193	264
19-1000	Life Scientists	1,200	1,270	5.8%	9	30	39
19-1021	Biochemists & Biophysicists	50	60	20.0%	1	2	3
19-1022	Microbiologists	50	50	0.0%	0	2	2
19-1023	Zoologists & Wildlife Biologists	80	80	0.0%	0	2	2
19-1029	Biological Scientists, Other	100	90	-10.0%	0	3	3
19-1031	Conservation Scientists	120	110	-8.3%	0	3	3
19-1041	Epidemiologists	40	40	0.0%	0	1	1
19-1042	Medical Scientists	620	690	11.3%	7	13	20
19-1099	Life Scientists, Other	20	20	0.0%	0	0	0
19-2000	Physical Scientists	1,160	1,220	5.2%	8	31	39
19-2012	Physicists	70	70	0.0%	0	2	2
19-2031	Chemists	360	350	-2.8%	0	9	9
19-2032	Materials Scientists	30	30	0.0%	0	1	1
19-2041	Environmental Scientists & Specialists	380	450	18.4%	7	11	18
19-3000	Social Scientists & Related Workers	2,370	2,480	4.6%	13	56	69
19-3011	Economists	140	140	0.0%	0	4	4
19-3022	Survey Researchers	550	620	12.7%	8	8	16
19-3031	Clinical, Counseling & School Psychologists	920	950	3.3%	3	25	28
19-3039	Psychologists, Other	100	110	10.0%	1	3	4
19-3041	Sociologists	110	120	9.1%	1	3	4
19-3051	Urban & Regional Planners	150	140	-6.7%	0	6	6
19-3099	Social Scientists & Related Workers, Other	220	200	-9.1%	0	4	4
19-4000	Life, Physical & Social Science Technicians	2,260	2,670	18.1%	41	76	117
19-4011	Agricultural & Food Science Technicians	50	50	0.0%	0	2	2
19-4031	Chemical Technicians	300	310	3.3%	1	7	8
19-4061	Social Science Research Assistants	60	60	0.0%	0	2	2
19-4093	Forest & Conservation Technicians	60	60	0.0%	0	2	2
19-4099	Life, Physical & Social Science Technicians, Other	480	510	6.2%	3	19	22
21-0000	Community & Social Services Occupations	22,400	25,090	12.0%	274	510	784

**Philadelphia County WIA
Occupational Employment
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth ^{1/}	Due to Replace. ^{2/}	Total ^{3/}
21-1000	Counselors, Social Workers & Other Community & Social Service Specialists	20,070	22,630	12.8%	262	451	713
21-1011	Substance Abuse & Behavioral Disorder Counselors	1,370	1,620	18.2%	25	29	54
21-1012	Educational, Guidance, School & Vocational Counselors	1,830	1,990	8.7%	16	39	55
21-1013	Marriage & Family Therapists	230	260	13.0%	3	5	8
21-1014	Mental Health Counselors	2,990	3,470	16.1%	48	64	112
21-1015	Rehabilitation Counselors	1,340	1,520	13.4%	18	29	47
21-1019	Counselors, Other	250	260	4.0%	1	5	6
21-1021	Child, Family & School Social Workers	3,520	3,850	9.4%	33	75	108
21-1022	Healthcare Social Workers	1,550	1,830	18.1%	27	33	60
21-1023	Mental Health & Substance Abuse Social Workers	1,640	1,950	18.9%	31	35	66
21-1029	Social Workers, Other	230	230	0.0%	0	5	5
21-1093	Social & Human Service Assistants	3,510	3,990	13.7%	48	92	140
21-1094	Community Health Workers	70	80	14.3%	1	2	3
21-1099	Community & Social Service Specialists, Other	270	280	3.7%	1	7	8
21-2000	Religious Workers	2,330	2,460	5.6%	13	58	71
21-2011	Clergy	1,280	1,350	5.5%	8	26	34
23-0000	Legal Occupations	14,030	15,310	9.1%	132	226	358
23-1000	Lawyers, Judges & Related Workers	9,790	10,580	8.1%	80	157	237
23-1011	Lawyers	9,360	10,150	8.4%	79	150	229
23-1021	Administrative Law Judges, Adjudicators & Hearing Officers	110	110	0.0%	0	2	2
23-2000	Legal Support Workers	4,240	4,730	11.6%	52	69	121
23-2011	Paralegals & Legal Assistants	3,450	3,960	14.8%	50	56	106
23-2099	Legal Support Workers, Other	260	240	-7.7%	0	4	4
25-0000	Education, Training & Library Occupations	43,720	46,000	5.2%	241	875	1,116
25-1000	Postsecondary Teachers	12,870	13,880	7.8%	101	193	294
25-1011	Business Teachers, Postsecondary	690	750	8.7%	6	10	16
25-1021	Computer Science Teachers, Postsecondary	310	330	6.5%	2	5	7
25-1022	Mathematical Science Teachers, Postsecondary	460	490	6.5%	2	7	9
25-1031	Architecture Teachers, Postsecondary	100	110	10.0%	1	2	3
25-1032	Engineering Teachers, Postsecondary	680	710	4.4%	3	10	13
25-1041	Agricultural Sciences Teachers, Postsecondary	260	260	0.0%	0	4	4
25-1042	Biological Science Teachers, Postsecondary	1,360	1,520	11.8%	17	20	37
25-1043	Forestry & Conservation Science Teachers, Postsecondary	80	90	12.5%	0	1	1
25-1051	Atmospheric, Earth, Marine & Space Sciences Teachers, Postsecondary	220	230	4.5%	1	3	4
25-1052	Chemistry Teachers, Postsecondary	220	230	4.5%	1	3	4

**Philadelphia County WIA
Occupational Employment
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth ^{1/}	Due to Replace. ^{2/}	Total ^{3/}
25-1053	Environmental Science Teachers, Postsecondary	110	120	9.1%	1	2	3
25-1054	Physics Teachers, Postsecondary	200	210	5.0%	1	3	4
25-1061	Anthropology & Archeology Teachers, Postsecondary	80	90	12.5%	0	1	1
25-1062	Area, Ethnic & Cultural Studies Teachers, Postsecondary	90	90	0.0%	1	1	2
25-1063	Economics Teachers, Postsecondary	210	230	9.5%	1	3	4
25-1065	Political Science Teachers, Postsecondary	170	190	11.8%	1	3	4
25-1066	Psychology Teachers, Postsecondary	300	320	6.7%	2	4	6
25-1067	Sociology Teachers, Postsecondary	210	220	4.8%	1	3	4
25-1071	Health Specialties Teachers, Postsecondary	1,430	1,640	14.7%	21	22	43
25-1072	Nursing Instructors & Teachers, Postsecondary	490	530	8.2%	4	7	11
25-1081	Education Teachers, Postsecondary	520	560	7.7%	4	8	12
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	110	120	9.1%	1	2	3
25-1112	Law Teachers, Postsecondary	60	70	16.7%	1	1	2
25-1113	Social Work Teachers, Postsecondary	80	80	0.0%	0	1	1
25-1121	Art, Drama & Music Teachers, Postsecondary	520	560	7.7%	4	8	12
25-1122	Communications Teachers, Postsecondary	250	270	8.0%	2	4	6
25-1123	English Language & Literature Teachers, Postsecondary	790	820	3.8%	3	12	15
25-1124	Foreign Language & Literature Teachers, Postsecondary	290	310	6.9%	2	4	6
25-1125	History Teachers, Postsecondary	220	240	9.1%	1	3	4
25-1126	Philosophy & Religion Teachers, Postsecondary	230	260	13.0%	3	3	6
25-1191	Graduate Teaching Assistants	370	380	2.7%	1	6	7
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	160	170	6.2%	1	2	3
25-1194	Vocational Education Teachers, Postsecondary	640	680	6.2%	5	10	15
25-1199	Postsecondary Teachers, Other	770	820	6.5%	6	12	18
25-2000	Primary, Secondary & Special Education School Teachers	17,540	18,130	3.4%	71	421	492
25-2011	Preschool Teachers	2,090	2,460	17.7%	37	58	95
25-2012	Kindergarten Teachers	360	380	5.6%	2	10	12
25-2021	Elementary School Teachers	5,470	5,710	4.4%	24	120	144
25-2022	Middle School Teachers	1,570	1,630	3.8%	7	34	41
25-2031	Secondary School Teachers	5,570	5,470	-1.8%	0	151	151
25-2052	Special Education Teachers, Kindergarten & Elementary School	790	790	0.0%	0	13	13
25-2053	Special Education Teachers, Middle School	450	440	-2.2%	0	8	8
25-2054	Special Education Teachers, Secondary School	830	830	0.0%	0	14	14
25-3000	Other Teachers & Instructors	4,340	4,490	3.5%	18	74	92
25-3011	Adult Basic & Secondary Education & Literacy Teachers	160	170	6.2%	1	3	4

**Philadelphia County WIA
Occupational Employment
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth ^{1/}	Due to Replace. ^{2/}	Total ^{3/}
25-3021	Self-Enrichment Education Teachers	2,200	2,330	5.9%	14	38	52
25-3098	Substitute Teachers	1,040	1,020	-1.9%	0	18	18
25-3099	Teachers & Instructors, Other	940	980	4.3%	4	16	20
25-4000	Librarians, Curators & Archivists	1,620	1,700	4.9%	8	54	62
25-4011	Archivists	100	110	10.0%	1	2	3
25-4012	Curators	90	100	11.1%	1	2	3
25-4013	Museum Technicians & Conservators	150	160	6.7%	1	3	4
25-4021	Librarians	720	740	2.8%	2	16	18
25-4031	Library Technicians	560	590	5.4%	3	30	33
25-9000	Other Education, Training & Library Occupations	7,360	7,790	5.8%	43	133	176
25-9031	Instructional Coordinators	1,120	1,210	8.0%	9	10	19
25-9041	Teacher Assistants	4,930	5,250	6.5%	32	112	144
25-9099	Education, Training & Library Workers, Other	520	530	1.9%	0	4	4
27-0000	Arts, Design, Entertainment, Sports & Media Occupations	12,030	12,400	3.1%	57	275	332
27-1000	Art & Design Workers	3,020	2,960	-2.0%	5	78	83
27-1011	Art Directors	250	240	-4.0%	0	6	6
27-1013	Fine Artists	140	140	0.0%	0	3	3
27-1014	Multimedia Artists & Animators	140	140	0.0%	0	3	3
27-1019	Artists & Related Workers, Other	60	60	0.0%	0	2	2
27-1022	Fashion Designers	30	30	0.0%	0	1	1
27-1023	Floral Designers	290	200	-31.0%	0	8	8
27-1024	Graphic Designers	1,450	1,460	0.7%	1	38	39
27-1025	Interior Designers	320	350	9.4%	3	8	11
27-1026	Merchandise Displayers & Window Trimmers	110	110	0.0%	0	3	3
27-1027	Set & Exhibit Designers	40	40	0.0%	0	1	1
27-1029	Designers, Other	40	40	0.0%	0	1	1
27-2000	Entertainers & Performers, Sports & Related Workers	3,320	3,430	3.3%	14	98	112
27-2011	Actors	340	370	8.8%	3	11	14
27-2012	Producers & Directors	890	880	-1.1%	0	30	30
27-2022	Coaches & Scouts	860	950	10.5%	9	25	34
27-2031	Dancers	80	90	12.5%	0	2	2
27-2041	Music Directors & Composers	360	350	-2.8%	0	10	10
27-2042	Musicians & Singers	520	520	0.0%	0	14	14
27-3000	Media & Communication Workers	4,270	4,550	6.6%	32	79	111
27-3011	Radio & Television Announcers	130	130	0.0%	0	3	3

**Philadelphia County WIA
Occupational Employment
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth ^{1/}	Due to Replace. ^{2/}	Total ^{3/}
27-3022	Reporters & Correspondents	260	240	-7.7%	0	9	9
27-3031	Public Relations Specialists	1,960	2,090	6.6%	13	27	40
27-3041	Editors	680	670	-1.5%	0	17	17
27-3042	Technical Writers	130	140	7.7%	1	4	5
27-3043	Writers & Authors	500	500	0.0%	0	11	11
27-3091	Interpreters & Translators	330	510	54.5%	18	4	22
27-3099	Media & Communication Workers, Other	200	210	5.0%	1	3	4
27-4000	Media & Communication Equipment Workers	1,410	1,470	4.3%	6	20	26
27-4011	Audio & Video Equipment Technicians	380	420	10.5%	4	7	11
27-4012	Broadcast Technicians	160	150	-6.2%	0	3	3
27-4014	Sound Engineering Technicians	130	130	0.0%	0	2	2
27-4021	Photographers	350	360	2.9%	1	4	5
27-4031	Camera Operators: TV, Video & Motion Picture	180	180	0.0%	0	1	1
27-4099	Media & Communication Equipment Workers, Other	150	150	0.0%	0	2	2
29-0000	Healthcare Practitioners & Technical Occupations	50,840	58,960	16.0%	813	1,041	1,854
29-1000	Health Diagnosing & Treating Practitioners	33,290	38,840	16.7%	556	673	1,229
29-1021	Dentists, General	190	190	0.0%	0	4	4
29-1031	Dietitians & Nutritionists	500	560	12.0%	6	6	12
29-1041	Optometrists	80	90	12.5%	2	2	4
29-1051	Pharmacists	1,690	1,860	10.1%	17	40	57
29-1062	Family & General Practitioners	1,180	1,230	4.2%	6	30	36
29-1063	Internists, General	470	480	2.1%	1	12	13
29-1065	Pediatricians, General	20	20	0.0%	0	0	0
29-1066	Psychiatrists	210	240	14.3%	3	5	8
29-1067	Surgeons	330	370	12.1%	4	8	12
29-1069	Physicians & Surgeons, Other	2,360	2,540	7.6%	18	59	77
29-1071	Physician Assistants	550	640	16.4%	8	10	18
29-1081	Podiatrists	40	50	25.0%	0	1	1
29-1122	Occupational Therapists	950	1,100	15.8%	15	13	28
29-1123	Physical Therapists	1,270	1,550	22.0%	28	31	59
29-1124	Radiation Therapists	220	250	13.6%	3	4	7
29-1125	Recreational Therapists	180	210	16.7%	3	4	7
29-1126	Respiratory Therapists	970	1,190	22.7%	22	14	36
29-1127	Speech-Language Pathologists	460	570	23.9%	11	7	18
29-1129	Therapists, Other	70	90	28.6%	1	1	2

**Philadelphia County WIA
Occupational Employment
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth ^{1/}	Due to Replace. ^{2/}	Total ^{3/}
29-1141	Registered Nurses	19,660	23,400	19.0%	375	381	756
29-1161	Nurse Midwives	10	20	100.0%	0	0	0
29-1171	Nurse Practitioners	710	930	31.0%	22	14	36
29-1199	Health Diagnosing & Treating Practitioners, Other	290	280	-3.4%	0	6	6
29-2000	Health Technologists & Technicians	16,360	18,810	15.0%	245	335	580
29-2011	Medical & Clinical Laboratory Technologists	1,350	1,400	3.7%	6	35	41
29-2012	Medical & Clinical Laboratory Technicians	1,890	2,030	7.4%	15	49	64
29-2031	Cardiovascular Technologists & Technicians	470	610	29.8%	14	7	21
29-2032	Diagnostic Medical Sonographers	390	530	35.9%	14	6	20
29-2033	Nuclear Medicine Technologists	200	230	15.0%	3	3	6
29-2034	Radiologic Technologists	1,360	1,590	16.9%	23	19	42
29-2035	Magnetic Resonance Imaging Technologists	340	410	20.6%	7	5	12
29-2041	Emergency Medical Technicians & Paramedics	1,230	1,450	17.9%	22	34	56
29-2051	Dietetic Technicians	140	170	21.4%	3	1	4
29-2052	Pharmacy Technicians	1,730	1,950	12.7%	22	17	39
29-2053	Psychiatric Technicians	410	420	2.4%	0	4	4
29-2055	Surgical Technologists	330	420	27.3%	8	3	11
29-2061	Licensed Practical & Licensed Vocational Nurses	4,070	4,640	14.0%	58	99	157
29-2071	Medical Records & Health Information Technicians	1,360	1,700	25.0%	33	36	69
29-2099	Health Technologists & Technicians, Other	340	390	14.7%	5	3	8
29-9000	Other Healthcare Practitioners & Technical Occupations	1,190	1,310	10.1%	12	32	44
29-9011	Occupational Health & Safety Specialists	310	300	-3.2%	0	8	8
29-9091	Athletic Trainers	150	180	20.0%	2	4	6
29-9099	Healthcare Practitioners & Technical Workers, Other	660	740	12.1%	9	18	27
31-0000	Healthcare Support Occupations	31,500	37,520	19.1%	605	605	1,210
31-1000	Nursing, Psychiatric & Home Health Aides	22,820	27,510	20.6%	469	434	903
31-1011	Home Health Aides	10,240	13,900	35.7%	366	195	561
31-1013	Psychiatric Aides	470	550	17.0%	9	9	18
31-1014	Nursing Assistants	11,720	12,590	7.4%	87	223	310
31-1015	Orderlies	400	470	17.5%	6	8	14
31-2000	Occupational & Physical Therapist Assistants & Aides	1,200	1,510	25.8%	31	28	59
31-2021	Physical Therapist Assistants	470	590	25.5%	12	10	22
31-2022	Physical Therapist Aides	360	450	25.0%	9	8	17
31-9000	Other Healthcare Support Occupations	7,480	8,500	13.6%	105	143	248
31-9091	Dental Assistants	1,440	1,500	4.2%	6	30	36

**Philadelphia County WIA
Occupational Employment
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth ^{1/}	Due to Replace. ^{2/}	Total ^{3/}
31-9092	Medical Assistants	3,050	3,560	16.7%	51	58	109
31-9093	Medical Equipment Preparers	330	410	24.2%	8	6	14
31-9094	Medical Transcriptionists	630	600	-4.8%	0	12	12
31-9095	Pharmacy Aides	300	340	13.3%	3	6	9
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	240	270	12.5%	3	5	8
31-9099	Healthcare Support Workers, Other	540	620	14.8%	8	10	18
33-0000	Protective Service Occupations	26,300	27,600	4.9%	160	667	827
33-1000	Supervisors - Protective Service Workers	1,340	1,330	-0.7%	1	40	41
33-1012	Supervisors - Police & Detectives	780	760	-2.6%	0	23	23
33-1099	Supervisors - Protective Service Workers, Other	310	320	3.2%	1	7	8
33-2000	Fire Fighting & Prevention Workers	1,790	1,760	-1.7%	0	49	49
33-2011	Firefighters	1,770	1,740	-1.7%	0	48	48
33-3000	Law Enforcement Workers	11,470	11,310	-1.4%	0	332	332
33-3021	Detectives & Criminal Investigators	1,290	1,290	0.0%	0	28	28
33-3051	Police & Sheriff's Patrol Officers	6,940	6,840	-1.4%	0	218	218
33-3052	Transit & Railroad Police	10	10	0.0%	0	0	0
33-9000	Other Protective Service Workers	11,690	13,200	12.9%	159	245	404
33-9011	Animal Control Workers	30	30	0.0%	0	1	1
33-9021	Private Detectives & Investigators	140	150	7.1%	1	4	5
33-9032	Security Guards	8,960	10,460	16.7%	150	137	287
33-9092	Lifeguards, Ski Patrol & Other Recreational Protective Service	610	610	0.0%	0	41	41
33-9093	Transportation Security Screeners	560	620	10.7%	6	13	19
33-9099	Protective Service Workers, Other	520	520	0.0%	0	36	36
35-0000	Food Preparation & Serving Related Occupations	53,950	58,040	7.6%	416	2,032	2,448
35-1000	Supervisors, Food Preparation & Serving Workers	4,420	4,850	9.7%	43	116	159
35-1011	Chefs & Head Cooks	700	720	2.9%	2	11	13
35-1012	Supervisors - Food Preparation & Serving Workers	3,730	4,140	11.0%	41	105	146
35-2000	Cooks & Food Preparation Workers	11,820	12,490	5.7%	70	278	348
35-2012	Cooks, Institution & Cafeteria	2,290	2,560	11.8%	28	45	73
35-2014	Cooks, Restaurant	2,630	2,960	12.5%	32	52	84
35-2015	Cooks, Short Order	700	670	-4.3%	0	14	14
35-2021	Food Preparation Workers	5,050	5,150	2.0%	10	145	155
35-3000	Food & Beverage Serving Workers	31,200	33,900	8.7%	274	1,298	1,572
35-3011	Bartenders	3,740	4,000	7.0%	25	138	163
35-3021	Combined Food Preparation & Serving Workers	14,400	16,080	11.7%	168	550	718

**Philadelphia County WIA
Occupational Employment
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth ^{1/}	Due to Replace. ^{2/}	Total ^{3/}
35-3022	Counter Attendants, Cafeteria, Food Concession & Coffee Shop	1,540	1,500	-2.6%	0	94	94
35-3031	Waiters & Waitresses	9,480	9,870	4.1%	38	456	494
35-3041	Food Servers, Nonrestaurant	2,030	2,450	20.7%	43	59	102
35-9000	Other Food Preparation & Serving Related Workers	6,520	6,800	4.3%	28	340	368
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	2,250	2,350	4.4%	10	99	109
35-9021	Dishwashers	2,530	2,640	4.3%	11	111	122
35-9031	Hosts & Hostesses: Restaurant, Lounge & Coffee Shop	1,680	1,750	4.2%	7	126	133
35-9099	Food Preparation & Serving Related Workers, Other	60	70	16.7%	1	3	4
37-0000	Building & Grounds Cleaning & Maintenance Occupations	21,060	22,630	7.5%	157	428	585
37-1000	Supervisors of Building & Grounds Cleaning & Maintenance Workers	1,330	1,420	6.8%	9	29	38
37-1011	Supervisors - Housekeeping & Janitorial Workers	1,080	1,160	7.4%	8	26	34
37-1012	Supervisors - Landscaping & Groundskeeping Workers	250	260	4.0%	1	3	4
37-2000	Building Cleaning & Pest Control Workers	16,430	17,710	7.8%	128	316	444
37-2011	Janitors & Cleaners	10,370	11,010	6.2%	63	195	258
37-2012	Maids & Housekeeping Cleaners	5,990	6,630	10.7%	64	119	183
37-3000	Grounds Maintenance Workers	3,300	3,500	6.1%	20	83	103
37-3011	Landscaping & Groundskeeping Workers	3,070	3,250	5.9%	18	77	95
39-0000	Personal Care & Service Occupations	28,240	32,740	15.9%	451	637	1,088
39-1000	Supervisors, Personal Care & Service Workers	1,100	1,220	10.9%	12	20	32
39-1021	Supervisors - Personal Service Workers	1,030	1,140	10.7%	11	19	30
39-2000	Animal Care & Service Workers	950	1,090	14.7%	14	13	27
39-3000	Entertainment Attendants & Related Workers	3,020	3,350	10.9%	33	137	170
39-3031	Ushers, Lobby Attendants & Ticket Takers	1,390	1,480	6.5%	8	74	82
39-3091	Amusement & Recreation Attendants	520	570	9.6%	5	26	31
39-5000	Personal Appearance Workers	3,380	3,830	13.3%	45	71	116
39-5012	Hairdressers, Hairstylists & Cosmetologists	2,670	3,000	12.4%	32	62	94
39-6000	Transportation, Tourism & Lodging Attendants	830	940	13.3%	11	21	32
39-6011	Baggage Porters & Bellhops	550	600	9.1%	6	14	20
39-6012	Concierges	280	340	21.4%	5	7	12
39-9000	Other Personal Care & Service Workers	18,420	21,730	18.0%	332	353	685
39-9011	Childcare Workers	7,360	8,260	12.2%	90	216	306
39-9021	Personal Care Aides	6,750	8,790	30.2%	204	48	252
39-9031	Fitness Trainers & Aerobics Instructors	1,150	1,260	9.6%	11	14	25
39-9032	Recreation Workers	1,660	1,740	4.8%	9	20	29

**Philadelphia County WIA
Occupational Employment
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth ^{1/}	Due to Replace. ^{2/}	Total ^{3/}
41-0000	Sales & Related Occupations	52,460	53,040	1.1%	88	1,627	1,715
41-1000	Supervisors - Sales Workers	4,870	4,860	-0.2%	2	96	98
41-1011	Supervisors - Retail Sales Workers	3,780	3,810	0.8%	2	82	84
41-1012	Supervisors - Non-Retail Sales Workers	1,090	1,050	-3.7%	0	14	14
41-2000	Retail Sales Workers	31,890	32,280	1.2%	39	1,209	1,248
41-2011	Cashiers	14,940	14,950	0.1%	1	646	647
41-2021	Counter & Rental Clerks	1,430	1,480	3.5%	5	37	42
41-2031	Retail Salespersons	14,820	15,120	2.0%	30	507	537
41-3000	Sales Representatives, Services	6,580	6,590	0.2%	17	167	184
41-3011	Advertising Sales Agents	860	780	-9.3%	0	26	26
41-3021	Insurance Sales Agents	1,470	1,490	1.4%	2	35	37
41-3031	Securities, Commodities & Financial Services Sales Agents	1,950	2,050	5.1%	10	46	56
41-3041	Travel Agents	210	130	-38.1%	0	3	3
41-3099	Sales Representatives, Other Services	2,090	2,140	2.4%	5	57	62
41-4000	Sales Representatives, Wholesale & Manufacturing	5,180	5,330	2.9%	15	101	116
41-4011	Sales Representatives, Technical & Scientific Products	750	820	9.3%	6	15	21
41-4012	Sales Representatives	4,430	4,510	1.8%	8	86	94
41-9000	Other Sales & Related Workers	3,930	3,980	1.3%	15	54	69
41-9011	Demonstrators & Product Promoters	230	250	8.7%	2	6	8
41-9021	Real Estate Brokers	450	470	4.4%	2	4	6
41-9022	Real Estate Sales Agents	2,010	2,110	5.0%	10	19	29
41-9041	Telemarketers	830	730	-12.0%	0	17	17
41-9099	Sales & Related Workers, Other	200	220	10.0%	1	4	5
43-0000	Office & Administrative Support Occupations	115,050	114,710	-0.3%	367	2,396	2,763
43-1000	Supervisors - Office & Administrative Support Workers	6,480	6,880	6.2%	40	154	194
43-1011	Supervisors - Office & Administrative Support Workers	6,480	6,880	6.2%	40	154	194
43-2000	Communications Equipment Operators	1,110	920	-17.1%	0	24	24
43-2011	Switchboard Operators	700	590	-15.7%	0	13	13
43-3000	Financial Clerks	15,640	16,330	4.4%	91	319	410
43-3011	Bill & Account Collectors	1,630	1,670	2.5%	4	46	50
43-3021	Billing & Posting Clerks	3,500	3,810	8.9%	31	64	95
43-3031	Bookkeeping, Accounting & Auditing Clerks	6,650	7,120	7.1%	47	61	108
43-3051	Payroll & Timekeeping Clerks	970	1,040	7.2%	7	21	28
43-3061	Procurement Clerks	400	390	-2.5%	0	14	14

**Philadelphia County WIA
Occupational Employment
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth ^{1/}	Due to Replace. ^{2/}	Total ^{3/}
43-3071	Tellers	2,290	2,080	-9.2%	0	107	107
43-4000	Information & Record Clerks	27,850	28,530	2.4%	117	699	816
43-4011	Brokerage Clerks	390	320	-17.9%	0	10	10
43-4031	Court, Municipal & License Clerks	510	530	3.9%	2	8	10
43-4041	Credit Authorizers, Checkers & Clerks	330	320	-3.0%	0	4	4
43-4051	Customer Service Representatives	10,670	11,310	6.0%	64	290	354
43-4061	Eligibility Interviewers, Government Programs	1,860	1,850	-0.5%	0	37	37
43-4071	File Clerks	970	890	-8.2%	0	22	22
43-4081	Hotel, Motel & Resort Desk Clerks	680	770	13.2%	9	32	41
43-4111	Interviewers	1,130	1,200	6.2%	7	21	28
43-4121	Library Assistants, Clerical	780	780	0.0%	0	34	34
43-4131	Loan Interviewers & Clerks	790	860	8.9%	6	5	11
43-4151	Order Clerks	360	340	-5.6%	0	10	10
43-4161	Human Resources Assistants	980	930	-5.1%	0	25	25
43-4171	Receptionists & Information Clerks	5,580	5,870	5.2%	29	150	179
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	1,390	1,310	-5.8%	0	18	18
43-4199	Information & Record Clerks, Other	1,290	1,120	-13.2%	0	28	28
43-5000	Material Recording, Scheduling, Dispatching & Distributing Workers	17,400	16,010	-8.0%	16	449	465
43-5011	Cargo & Freight Agents	750	820	9.3%	6	20	26
43-5021	Couriers & Messengers	510	420	-17.6%	0	7	7
43-5031	Police, Fire & Ambulance Dispatchers	440	450	2.3%	1	13	14
43-5032	Dispatchers	450	470	4.4%	2	13	15
43-5041	Meter Readers, Utilities	180	140	-22.2%	0	4	4
43-5051	Postal Service Clerks	450	300	-33.3%	0	7	7
43-5052	Postal Service Mail Carriers	1,520	1,110	-27.0%	0	53	53
43-5053	Postal Service Mail Sorters, Processors & Processing Machine Operators	1,980	1,380	-30.3%	0	14	14
43-5061	Production, Planning & Expediting Clerks	1,380	1,440	4.3%	6	34	40
43-5071	Shipping, Receiving & Traffic Clerks	2,610	2,600	-0.4%	0	68	68
43-5081	Stock Clerks & Order Fillers	7,020	6,770	-3.6%	0	212	212
43-5111	Weighers, Measurers, Checkers & Samplers, Recordkeeping	110	120	9.1%	1	2	3
43-6000	Secretaries & Administrative Assistants	21,900	22,360	2.1%	92	264	356
43-6011	Executive Secretaries & Executive Administrative Assistants	4,610	4,450	-3.5%	0	56	56
43-6012	Legal Secretaries	3,910	3,620	-7.4%	0	47	47
43-6013	Medical Secretaries	1,740	2,200	26.4%	46	21	67

**Philadelphia County WIA
Occupational Employment
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth ^{1/}	Due to Replace. ^{2/}	Total ^{3/}
43-6014	Secretaries	11,640	12,090	3.9%	45	140	185
43-9000	Other Office & Administrative Support Workers	24,680	23,690	-4.0%	12	488	500
43-9011	Computer Operators	440	360	-18.2%	0	4	4
43-9021	Data Entry Keyers	1,320	940	-28.8%	0	16	16
43-9022	Word Processors & Typists	1,480	1,040	-29.7%	0	5	5
43-9031	Desktop Publishers	150	150	0.0%	0	3	3
43-9041	Insurance Claims & Policy Processing Clerks	1,170	1,170	0.0%	0	31	31
43-9051	Mail Clerks & Mail Machine Operators	800	720	-10.0%	0	18	18
43-9061	Office Clerks, General	18,140	18,260	0.7%	11	381	392
43-9071	Office Machine Operators	550	460	-16.4%	0	13	13
43-9081	Proofreaders & Copy Markers	110	100	-9.1%	0	2	2
43-9111	Statistical Assistants	60	70	16.7%	0	2	2
43-9199	Office & Administrative Support Workers, Other	460	440	-4.3%	0	13	13
45-0000	Farming, Fishing & Forestry Occupations	360	340	-5.6%	1	10	11
45-1000	Supervisors - Farming, Fishing & Forestry Workers	50	50	0.0%	0	1	1
45-1011	Farm & Forestry Worker Supervisors	50	50	0.0%	0	1	1
45-2000	Agricultural Workers	290	280	-3.4%	1	8	9
45-4000	Forest, Conservation & Logging Workers	20	20	0.0%	0	0	0
47-0000	Construction & Extraction Occupations	14,030	15,480	10.3%	150	233	383
47-1000	Supervisors - Construction & Extraction Workers	1,000	1,140	14.0%	14	11	25
47-1011	Supervisors - Construction Trades & Extraction Workers	1,000	1,140	14.0%	14	11	25
47-2000	Construction Trades Workers	10,780	11,970	11.0%	122	182	304
47-2021	Brickmasons & Blockmasons	160	190	18.8%	3	2	5
47-2031	Carpenters	2,430	2,880	18.5%	46	30	76
47-2042	Floor Layers	50	60	20.0%	1	1	2
47-2051	Cement Masons & Concrete Finishers	210	240	14.3%	2	2	4
47-2053	Terrazzo Workers & Finishers	10	10	0.0%	0	0	0
47-2061	Construction Laborers	1,650	1,800	9.1%	15	35	50
47-2071	Paving, Surfacing & Tamping Equipment Operators	60	70	16.7%	1	1	2
47-2073	Operating Engineers & Other Construction Equipment Operators	1,710	1,770	3.5%	6	38	44
47-2111	Electricians	1,090	1,190	9.2%	11	20	31
47-2121	Glaziers	180	160	-11.1%	0	4	4
47-2131	Insulation Workers, Floor, Ceiling & Wall	30	30	0.0%	0	0	0
47-2141	Painters, Construction & Maintenance	700	780	11.4%	8	11	19

**Philadelphia County WIA
Occupational Employment
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth ^{1/}	Due to Replace. ^{2/}	Total ^{3/}
47-2142	Paperhangers	30	20	-33.3%	0	0	0
47-2151	Pipelayers	100	100	0.0%	0	1	1
47-2152	Plumbers, Pipefitters & Steamfitters	1,440	1,670	16.0%	23	18	41
47-2211	Sheet Metal Workers	440	460	4.5%	2	8	10
47-3011	Helpers--Brick, Block, Stonemasons, Tile & Marble Setters	150	190	26.7%	4	2	6
47-3013	Helpers--Electricians	40	60	50.0%	1	1	2
47-3014	Helpers--Painters, Paperhangers, Plasterers & Stucco Masons	10	10	0.0%	0	0	0
47-3016	Helpers--Roofers	20	20	0.0%	0	0	0
47-3019	Helpers, Construction Trades, Other	10	10	0.0%	0	0	0
47-4000	Other Construction & Related Workers	1,790	1,830	2.2%	5	32	37
47-4011	Construction & Building Inspectors	430	430	0.0%	0	10	10
47-4021	Elevator Installers & Repairers	90	110	22.2%	2	2	4
47-4041	Hazardous Materials Removal Workers	180	200	11.1%	2	4	6
47-4051	Highway Maintenance Workers	970	950	-2.1%	0	14	14
47-4061	Rail-Track Laying & Maintenance Equipment Operators	30	30	0.0%	0	1	1
49-0000	Installation, Maintenance & Repair Occupations	20,030	20,930	4.5%	116	455	571
49-1000	Supervisors - Installation, Maintenance & Repair Workers	1,330	1,360	2.3%	3	36	39
49-1011	Supervisors - Mechanics, Installers & Repairers	1,330	1,360	2.3%	3	36	39
49-2000	Electrical & Electronic Equipment Mechanics, Installers & Repairers	2,110	2,030	-3.8%	4	41	45
49-2011	Computer, Automated Teller & Office Machine Repairers	390	400	2.6%	0	8	8
49-2022	Telecommunications Equipment Installers & Repairers	450	430	-4.4%	0	6	6
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	720	640	-11.1%	0	14	14
49-3000	Vehicle & Mobile Equipment Mechanics, Installers	5,140	5,270	2.5%	20	132	152
49-3011	Aircraft Mechanics & Service Technicians	1,130	1,070	-5.3%	0	30	30
49-3023	Automotive Service Technicians & Mechanics	2,390	2,520	5.4%	13	60	73
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	570	600	5.3%	4	12	16
49-3042	Mobile Heavy Equipment Mechanics	300	290	-3.3%	0	8	8
49-3052	Motorcycle Mechanics	10	10	0.0%	0	0	0
49-3092	Recreational Vehicle Service Technicians	10	10	0.0%	0	0	0
49-9000	Other Installation, Maintenance & Repair Occupations	11,460	12,280	7.2%	89	246	335
49-9011	Mechanical Door Repairers	10	10	0.0%	0	0	0
49-9012	Control & Valve Installers & Repairers	130	130	0.0%	0	4	4
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	730	780	6.8%	5	18	23
49-9031	Home Appliance Repairers	90	80	-11.1%	0	3	3

**Philadelphia County WIA
Occupational Employment
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth ^{1/}	Due to Replace. ^{2/}	Total ^{3/}
49-9041	Industrial Machinery Mechanics	990	1,200	21.2%	21	29	50
49-9043	Maintenance Workers, Machinery	410	470	14.6%	7	5	12
49-9052	Telecommunications Line Installers & Repairers	510	460	-9.8%	0	12	12
49-9062	Medical Equipment Repairers	220	290	31.8%	7	6	13
49-9063	Musical Instrument Repairers & Tuners	10	10	0.0%	0	0	0
49-9069	Precision Instrument & Equipment Repairers, Other	40	40	0.0%	0	1	1
49-9071	Maintenance & Repair Workers, General	7,150	7,610	6.4%	46	137	183
49-9094	Locksmiths & Safe Repairers	30	40	33.3%	0	1	1
49-9096	Riggers	30	30	0.0%	0	1	1
49-9097	Signal & Track Switch Repairers	40	40	0.0%	0	1	1
49-9098	Helpers--Installation, Maintenance & Repair Workers	320	340	6.2%	1	10	11
49-9099	Installation, Maintenance & Repair Workers, Other	270	260	-3.7%	0	5	5
51-0000	Production Occupations	22,870	22,790	-0.3%	75	468	543
51-1000	Supervisors - Production Workers	1,410	1,420	0.7%	1	20	21
51-1011	Supervisors - Production & Operating Workers	1,410	1,420	0.7%	1	20	21
51-2000	Assemblers & Fabricators	3,720	3,930	5.6%	22	66	88
51-2022	Electrical & Electronic Equipment Assemblers	200	200	0.0%	0	2	2
51-2041	Structural Metal Fabricators & Fitters	320	320	0.0%	0	13	13
51-2092	Team Assemblers	2,470	2,660	7.7%	20	39	59
51-2099	Assemblers & Fabricators, Other	250	240	-4.0%	0	4	4
51-3000	Food Processing Workers	3,050	3,180	4.3%	12	78	90
51-3011	Bakers	1,090	1,090	0.0%	1	26	27
51-3021	Butchers & Meat Cutters	750	810	8.0%	6	18	24
51-3022	Meat, Poultry & Fish Cutters & Trimmers	440	490	11.4%	5	11	16
51-3091	Food & Tobacco Roasting, Baking & Drying Machine Operators	70	70	0.0%	0	2	2
51-3092	Food Batchmakers	390	400	2.6%	0	13	13
51-3093	Food Cooking Machine Operators	40	40	0.0%	0	1	1
51-4000	Metal Workers & Plastic Workers	2,400	2,620	9.2%	24	48	72
51-4011	Computer-Controlled Machine Tool Operators	60	80	33.3%	2	2	4
51-4021	Extruding & Drawing Machine Operators	120	120	0.0%	0	2	2
51-4022	Forging Machine Operators	40	40	0.0%	0	1	1
51-4023	Rolling Machine Operators	70	80	14.3%	0	1	1
51-4031	Cutting, Punching & Press Machine Operators	300	330	10.0%	3	2	5
51-4033	Grinding, Lapping, Polishing & Buffing Machine Tool Operators	70	70	0.0%	0	2	2

**Philadelphia County WIA
Occupational Employment
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	<u>Average Annual Openings</u>		
					Due to Growth ^{1/}	Due to Replace. ^{2/}	Total ^{3/}
51-4041	Machinists	500	590	18.0%	8	12	20
51-4072	Molding, Coremaking & Casting Machine Operators	80	80	0.0%	0	1	1
51-4081	Multiple Machine Tool Operators	140	130	-7.1%	0	3	3
51-4111	Tool & Die Makers	60	60	0.0%	0	0	0
51-4121	Welders, Cutters, Solderers & Brazers	710	760	7.0%	5	17	22
51-4191	Heat Treating Equipment Operators	10	10	0.0%	0	0	0
51-5100	Printing Workers	1,330	1,230	-7.5%	0	25	25
51-5112	Printing Press Operators	960	880	-8.3%	0	17	17
51-6000	Textile, Apparel & Furnishings Workers	3,290	2,780	-15.5%	2	52	54
51-6011	Laundry & Dry-Cleaning Workers	1,090	1,110	1.8%	2	32	34
51-6021	Pressers: Textile, Garment & Related Materials	110	100	-9.1%	0	1	1
51-6031	Sewing Machine Operators	1,040	730	-29.8%	0	5	5
51-6062	Textile Cutting Machine Operators	70	60	-14.3%	0	1	1
51-6063	Textile Knitting & Weaving Machine Operators	120	70	-41.7%	0	2	2
51-6091	Extruding & Forming Machine Operators, Synthetic & Glass Fibers	10	20	100.0%	0	0	0
51-6092	Fabric & Apparel Patternmakers	20	20	0.0%	0	0	0
51-7000	Woodworkers	330	330	0.0%	1	3	4
51-7011	Cabinetmakers & Bench Carpenters	190	200	5.3%	1	2	3
51-8000	Plant & System Operators	1,080	1,080	0.0%	2	37	39
51-8013	Power Plant Operators	130	120	-7.7%	0	4	4
51-8021	Stationary Engineers & Boiler Operators	250	260	4.0%	1	8	9
51-8031	Water & Wastewater Treatment Plant & System Operators	240	240	0.0%	0	9	9
51-8099	Plant & System Operators, Other	40	40	0.0%	0	2	2
51-9000	Other Production Occupations	6,250	6,230	-0.3%	11	140	151
51-9011	Chemical Equipment Operators	170	170	0.0%	0	6	6
51-9022	Grinding & Polishing Workers, Hand	80	80	0.0%	0	2	2
51-9023	Mixing & Blending Machine Operators	280	270	-3.6%	0	8	8
51-9032	Cutting & Slicing Machine Operators	100	100	0.0%	0	2	2
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	840	920	9.5%	8	18	26
51-9082	Medical Appliance Technicians	60	60	0.0%	0	2	2
51-9083	Ophthalmic Laboratory Technicians	180	180	0.0%	0	6	6
51-9111	Packaging & Filling Machine Operators	1,480	1,490	0.7%	1	35	36
51-9121	Coating, Painting & Spraying Machine Operators	50	50	0.0%	0	1	1
51-9122	Painters, Transportation Equipment	60	60	0.0%	0	1	1

**Philadelphia County WIA
Occupational Employment
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	Average Annual Openings		
					Due to Growth ^{1/}	Due to Replace. ^{2/}	Total ^{3/}
51-9123	Painting, Coating & Decorating Workers	30	30	0.0%	0	0	0
51-9151	Photographic Process Workers & Processing Machine Operators	200	180	-10.0%	0	6	6
51-9195	Molders, Shapers & Casters, Except Metal & Plastic	30	40	33.3%	0	1	1
51-9198	Helpers--Production Workers	1,830	1,770	-3.3%	0	32	32
51-9199	Production Workers, Other	90	100	11.1%	1	2	3
53-0000	Transportation & Material Moving Occupations	32,980	34,780	5.5%	192	830	1,022
53-1000	Supervisors - Transportation & Material Moving Workers	1,250	1,280	2.4%	4	34	38
53-1011	Aircraft Cargo Handling Supervisors	40	30	-25.0%	0	1	1
53-1021	Supervisors - Helpers, Laborers & Material Movers	380	390	2.6%	0	11	11
53-1031	Supervisors - Transportation & Vehicle Operators	830	860	3.6%	3	23	26
53-3000	Motor Vehicle Operators	10,350	11,120	7.4%	82	170	252
53-3021	Bus Drivers, Transit & Intercity	1,380	1,620	17.4%	24	25	49
53-3022	Bus Drivers, School or Special Client	1,550	1,620	4.5%	6	28	34
53-3031	Driver/Sales Workers	960	980	2.1%	3	15	18
53-3032	Heavy & Tractor-Trailer Truck Drivers	2,160	2,380	10.2%	22	35	57
53-3033	Light Truck or Delivery Services Drivers	2,730	2,690	-1.5%	0	44	44
53-3041	Taxi Drivers & Chauffeurs	1,120	1,300	16.1%	18	13	31
53-4011	Locomotive Engineers	280	270	-3.6%	0	8	8
53-4021	Railroad Brake, Signal & Switch Operators	170	170	0.0%	0	5	5
53-4031	Railroad Conductors & Yardmasters	300	290	-3.3%	0	9	9
53-5000	Water Transportation Workers	240	220	-8.3%	0	11	11
53-5011	Sailors & Marine Oilers	70	70	0.0%	0	3	3
53-5021	Captains, Mates & Pilots of Water Vessels	130	120	-7.7%	0	6	6
53-6000	Other Transportation Workers	2,100	2,170	3.3%	7	84	91
53-6011	Bridge & Lock Tenders	40	40	0.0%	0	2	2
53-6021	Parking Lot Attendants	1,350	1,400	3.7%	5	64	69
53-6041	Traffic Technicians	30	30	0.0%	0	1	1
53-6051	Transportation Inspectors	150	160	6.7%	1	5	6
53-6061	Transportation Attendants	390	390	0.0%	0	6	6
53-7000	Material Moving Workers	14,010	14,620	4.4%	64	408	472
53-7021	Crane & Tower Operators	120	130	8.3%	1	4	5
53-7051	Industrial Truck & Tractor Operators	1,110	1,090	-1.8%	0	26	26
53-7061	Cleaners of Vehicles & Equipment	850	890	4.7%	4	24	28
53-7062	Laborers & Freight, Stock & Material Movers	9,320	9,750	4.6%	43	289	332

**Philadelphia County WIA
Occupational Employment
2012-2022 Long-Term Projections**

SOC Code	Occupational Title	Estimated 2012	Projected 2022	Percent Change	<u>Average Annual Openings</u>		
					Due to Growth ^{1/}	Due to Replace. ^{2/}	Total ^{3/}
53-7064	Packers & Packagers, Hand	1,610	1,760	9.3%	15	42	57
53-7072	Pump Operators	20	20	0.0%	0	0	0
53-7081	Refuse & Recyclable Material Collectors	490	490	0.0%	0	10	10

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.