

**Philadelphia County WDA
Occupational Employment
2018-2028 Long-Term Projections**

SOC Code	Occupational Title	Employment Outlook			Annual Demand			
		Estimated 2018	Projected 2028	Percent Change	Due to Growth ^{1/}	Due to Exits ^{2/}	Due to Transfers ^{3/}	Total Demand ^{4/}
00-0000	Total, All Occupations	737,140	783,910	6.3%	4,677	32,981	50,774	88,432
11-0000	Management Occupations	39,430	42,450	7.7%	302	974	2,385	3,661
11-1000	Top Executives	9,660	10,190	5.5%	53	215	626	894
11-1021	General & Operations Managers	8,320	8,920	7.2%	60	181	568	809
11-2000	Advertising, Marketing, Promotions, Public Relations & Sales Managers	2,430	2,590	6.6%	16	52	170	238
11-2011	Advertising & Promotions Managers	100	110	10.0%	0	2	8	10
11-2021	Marketing Managers	1,120	1,210	8.0%	9	24	80	113
11-2022	Sales Managers	790	820	3.8%	3	16	55	74
11-2031	Public Relations & Fundraising Managers	410	450	9.8%	3	9	27	39
11-3000	Operations Specialties Managers	8,660	9,570	10.5%	91	199	524	814
11-3011	Administrative Services Managers	1,460	1,570	7.5%	11	42	84	137
11-3021	Computer & Information Systems Managers	1,930	2,090	8.3%	15	34	122	171
11-3031	Financial Managers	3,300	3,830	16.1%	53	77	198	328
11-3051	Industrial Production Managers	320	330	3.1%	1	7	17	25
11-3061	Purchasing Managers	260	270	3.8%	2	6	16	24
11-3071	Transportation, Storage & Distribution Managers	330	350	6.1%	2	7	19	28
11-3111	Compensation & Benefits Managers	80	90	12.5%	0	2	5	7
11-3121	Human Resources Managers	750	800	6.7%	6	18	48	72
11-3131	Training & Development Managers	230	250	8.7%	2	6	15	23
11-9000	Other Management Occupations	18,690	20,110	7.6%	142	507	1,064	1,713
11-9021	Construction Managers	750	810	8.0%	6	16	40	62
11-9031	Education Admin., Preschool & Childcare Center/Program	600	640	6.7%	4	16	32	52
11-9032	Education Administrators, Elementary & Secondary School	1,000	1,090	9.0%	9	27	54	90
11-9033	Education Administrators, Postsecondary	1,620	1,730	6.8%	12	43	87	142
11-9039	Education Administrators, Other	280	300	7.1%	2	8	15	25
11-9041	Architectural & Engineering Managers	720	780	8.3%	6	13	41	60
11-9051	Food Service Managers	1,380	1,480	7.2%	10	44	120	174
11-9061	Funeral Service Managers	140	140	0.0%	0	4	7	11
11-9081	Lodging Managers	160	170	6.2%	0	5	12	17
11-9111	Medical & Health Services Managers	2,330	2,760	18.5%	43	62	139	244
11-9121	Natural Sciences Managers	340	360	5.9%	3	7	23	33
11-9141	Property, Real Estate & Community Association Managers	600	620	3.3%	2	23	24	49
11-9151	Social & Community Service Managers	2,000	2,270	13.5%	26	64	122	212
11-9161	Emergency Management Directors	20	20	0.0%	0	1	1	2
11-9199	Managers, Other	6,630	6,820	2.9%	19	170	339	528

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13-0000	Business & Financial Operations Occupations	45,860	48,370	5.5%	251	1,290	3,140	4,681
13-1000	Business Operations Specialists	29,400	31,070	5.7%	168	839	2,097	3,104
13-1020	Buyers & Purchasing Agents	1,580	1,470	-7.0%	-11	48	111	148
13-1031	Claims Adjusters, Examiners & Investigators	2,410	2,280	-5.4%	-13	56	142	185
13-1041	Compliance Officers	2,740	2,900	5.8%	16	79	168	263
13-1051	Cost Estimators	310	330	6.5%	3	8	23	34
13-1071	Human Resources Specialists	3,530	3,780	7.1%	25	98	269	392
13-1075	Labor Relations Specialists	920	860	-6.5%	-6	24	66	84
13-1081	Logisticians	880	920	4.5%	5	21	65	91
13-1111	Management Analysts	5,330	5,920	11.1%	58	175	355	588
13-1121	Meeting, Convention & Event Planners	770	830	7.8%	6	26	65	97
13-1131	Fundraisers	910	990	8.8%	7	31	68	106
13-1141	Compensation, Benefits & Job Analysis Specialists	510	550	7.8%	4	17	33	54
13-1151	Training & Development Specialists	1,280	1,390	8.6%	11	40	104	155
13-1161	Market Research Analysts & Marketing Specialists	3,900	4,410	13.1%	51	98	327	476
13-1199	Business Operations Specialists, Other	4,200	4,320	2.9%	12	116	293	421
13-2000	Financial Specialists	16,470	17,300	5.0%	83	450	1,043	1,576
13-2011	Accountants & Auditors	8,420	8,930	6.1%	51	245	564	860
13-2021	Appraisers & Assessors of Real Estate	180	190	5.6%	1	6	8	15
13-2031	Budget Analysts	340	350	2.9%	1	8	18	27
13-2041	Credit Analysts	280	290	3.6%	1	6	19	26
13-2051	Financial Analysts	1,860	1,970	5.9%	11	37	126	174
13-2052	Personal Financial Advisors	1,220	1,320	8.2%	10	29	67	106
13-2053	Insurance Underwriters	740	710	-4.1%	-4	17	43	56
13-2061	Financial Examiners	340	350	2.9%	1	7	19	27
13-2071	Credit Counselors	240	260	8.3%	2	6	15	23
13-2072	Loan Officers	1,220	1,280	4.9%	6	30	74	110
13-2081	Tax Examiners, Collectors & Revenue Agents	560	550	-1.8%	-1	22	24	45
13-2082	Tax Preparers	320	330	3.1%	1	16	21	38
13-2099	Financial Specialists, Other	750	790	5.3%	4	22	45	71
15-0000	Computer & Mathematical Occupations	19,900	21,540	8.2%	164	348	1,173	1,685
15-1100	Computer Occupations	18,690	20,020	7.1%	133	322	1,103	1,558
15-1111	Computer & Information Research Scientists	120	120	0.0%	0	2	7	9
15-1121	Computer Systems Analysts	2,610	2,670	2.3%	6	50	141	197
15-1122	Information Security Analysts	550	670	21.8%	12	9	34	55

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15-1131	Computer Programmers	1,180	1,050	-11.0%	-13	18	60	65
15-1132	Software Developers, Applications	2,380	2,870	20.6%	49	36	148	233
15-1133	Software Developers, Systems Software	850	900	5.9%	5	12	49	66
15-1134	Web Developers	1,430	1,560	9.1%	13	26	88	127
15-1141	Database Administrators	890	960	7.9%	8	18	48	74
15-1142	Network & Computer Systems Administrators	1,520	1,570	3.3%	4	26	82	112
15-1143	Computer Network Architects	780	800	2.6%	2	10	44	56
15-1151	Computer User Support Specialists	2,840	3,100	9.2%	26	55	189	270
15-1152	Computer Network Support Specialists	750	770	2.7%	2	14	48	64
15-1199	Computer Occupations, Other	2,800	2,980	6.4%	18	46	164	228
15-2000	Mathematical Scientists	1,220	1,520	24.6%	31	26	70	127
15-2011	Actuaries	140	170	21.4%	3	2	8	13
15-2031	Operations Research Analysts	460	580	26.1%	12	12	22	46
15-2041	Statisticians	580	750	29.3%	16	12	39	67
17-0000	Architecture & Engineering Occupations	10,110	10,730	6.1%	62	246	560	868
17-1000	Architects, Surveyors & Cartographers	1,930	2,040	5.7%	11	48	104	163
17-1011	Architects	1,480	1,560	5.4%	8	36	80	124
17-1012	Landscape Architects	360	370	2.8%	2	9	19	30
17-2000	Engineers	6,090	6,500	6.7%	40	128	314	482
17-2031	Biomedical Engineers	100	110	10.0%	1	2	5	8
17-2041	Chemical Engineers	110	110	0.0%	0	2	5	7
17-2051	Civil Engineers	1,300	1,410	8.5%	11	28	78	117
17-2061	Computer Hardware Engineers	100	110	10.0%	1	2	5	8
17-2071	Electrical Engineers	730	780	6.8%	5	15	35	55
17-2081	Environmental Engineers	280	290	3.6%	1	8	14	23
17-2111	Health & Safety Engineers	160	160	0.0%	0	3	8	11
17-2112	Industrial Engineers	400	440	10.0%	4	8	20	32
17-2121	Marine Engineers & Naval Architects	30	30	0.0%	0	0	1	1
17-2131	Materials Engineers	70	70	0.0%	0	2	3	5
17-2141	Mechanical Engineers	1,230	1,340	8.9%	11	24	63	98
17-2199	Engineers, Other	710	740	4.2%	2	15	35	52
17-3000	Drafters, Engineering & Mapping Technicians	2,090	2,190	4.8%	10	70	142	222
17-3011	Architectural & Civil Drafters	410	420	2.4%	2	14	29	45
17-3012	Electrical & Electronics Drafters	80	80	0.0%	0	3	5	8
17-3013	Mechanical Drafters	140	140	0.0%	0	5	10	15

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17-3022	Civil Engineering Technicians	320	340	6.2%	2	11	21	34
17-3023	Electrical & Electronic Engineering Technicians	340	340	0.0%	1	11	22	34
17-3025	Environmental Engineering Technicians	50	50	0.0%	0	2	3	5
17-3026	Industrial Engineering Technicians	120	140	16.7%	1	4	8	13
17-3027	Mechanical Engineering Technicians	310	340	9.7%	3	11	21	35
17-3029	Engineering Technicians, Other	270	280	3.7%	1	9	18	28
17-3031	Surveying & Mapping Technicians	50	60	20.0%	0	2	5	7
19-0000	Life, Physical & Social Science Occupations	8,230	8,780	6.7%	56	164	667	887
19-1000	Life Scientists	1,990	2,120	6.5%	13	31	157	201
19-1012	Food Scientists & Technologists	10	10	0.0%	0	0	1	1
19-1021	Biochemists & Biophysicists	220	230	4.5%	2	4	17	23
19-1029	Biological Scientists, Other	290	300	3.4%	1	5	23	29
19-1031	Conservation Scientists	130	130	0.0%	0	2	11	13
19-1032	Foresters	20	20	0.0%	0	0	1	1
19-1041	Epidemiologists	40	50	25.0%	1	1	3	5
19-1042	Medical Scientists	960	1,030	7.3%	7	14	75	96
19-2000	Physical Scientists	1,020	1,080	5.9%	6	18	80	104
19-2011	Astronomers	10	10	0.0%	0	0	0	0
19-2012	Physicists	130	140	7.7%	1	2	9	12
19-2031	Chemists	470	500	6.4%	3	8	36	47
19-2041	Environmental Scientists & Specialists	150	160	6.7%	1	3	14	18
19-3000	Social Scientists & Related Workers	1,770	1,900	7.3%	13	43	113	169
19-3011	Economists	170	180	5.9%	1	2	10	13
19-3022	Survey Researchers	100	100	0.0%	0	3	8	11
19-3031	Clinical, Counseling & School Psychologists	780	860	10.3%	8	18	39	65
19-3039	Psychologists, Other	140	140	0.0%	1	3	7	11
19-3041	Sociologists	40	40	0.0%	0	1	3	4
19-3051	Urban & Regional Planners	180	200	11.1%	2	3	14	19
19-3093	Historians	30	30	0.0%	0	1	2	3
19-3099	Social Scientists & Related Workers, Other	270	280	3.7%	1	9	23	33
19-4000	Life, Physical & Social Science Technicians	3,440	3,680	7.0%	23	72	316	411
19-4011	Agricultural & Food Science Technicians	10	20	100.0%	0	0	1	1
19-4021	Biological Technicians	1,440	1,540	6.9%	10	22	134	166
19-4031	Chemical Technicians	630	670	6.3%	4	12	52	68
19-4061	Social Science Research Assistants	190	200	5.3%	2	5	18	25

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19-4091	Environmental Science & Protection Technicians	30	30	0.0%	0	1	3	4
19-4092	Forensic Science Technicians	120	140	16.7%	2	4	12	18
19-4099	Life, Physical & Social Science Technicians, Other	720	770	6.9%	5	20	68	93
21-0000	Community & Social Services Occupations	24,710	27,470	11.2%	276	870	1,836	2,982
21-1000	Counselors, Social Workers & Community Service Specialists	22,650	25,400	12.1%	275	771	1,694	2,740
21-1012	Educational, Guidance, School & Vocational Counselors	1,670	1,860	11.4%	19	57	123	199
21-1015	Rehabilitation Counselors	1,890	2,180	15.3%	29	66	142	237
21-1018	Substance Abuse, Behavioral Disorder, & Mental Health Counselors	3,400	3,940	15.9%	54	119	257	430
21-1021	Child, Family & School Social Workers	4,790	5,140	7.3%	35	147	338	520
21-1022	Healthcare Social Workers	2,000	2,350	17.5%	35	64	148	247
21-1023	Mental Health & Substance Abuse Social Workers	2,010	2,290	13.9%	28	63	146	237
21-1029	Social Workers, Other	340	360	5.9%	2	10	24	36
21-1091	Health Educators	430	480	11.6%	5	17	34	56
21-1092	Probation Officers & Correctional Treatment Specialists	1,380	1,450	5.1%	7	31	88	126
21-1093	Social & Human Service Assistants	3,720	4,210	13.2%	48	159	313	520
21-1094	Community Health Workers	360	400	11.1%	4	14	29	47
21-1099	Community & Social Service Specialists, Other	250	280	12.0%	3	10	20	33
21-2000	Religious Workers	2,060	2,070	0.5%	2	98	142	242
21-2011	Clergy	1,050	1,060	1.0%	1	46	68	115
21-2021	Directors, Religious Activities & Education	730	730	0.0%	0	36	54	90
21-2099	Religious Workers, Other	280	280	0.0%	0	16	20	36
23-0000	Legal Occupations	16,370	17,350	6.0%	98	424	673	1,195
23-1000	Lawyers, Judges & Related Workers	11,350	11,840	4.3%	49	248	307	604
23-1011	Lawyers	10,660	11,120	4.3%	46	234	288	568
23-1021	Administrative Law Judges, Adjudicators & Hearing Officers	260	270	3.8%	1	6	7	14
23-2000	Legal Support Workers	5,030	5,520	9.7%	49	176	366	591
23-2011	Paralegals & Legal Assistants	4,120	4,580	11.2%	46	145	315	506
23-2099	Legal Support Workers, Other	320	330	3.1%	0	11	18	29
25-0000	Education, Training & Library Occupations	50,800	55,530	9.3%	472	2,101	2,545	5,118
25-1000	Postsecondary Teachers	17,940	20,080	11.9%	214	700	872	1,786
25-1011	Business Teachers, Postsecondary	1,360	1,600	17.6%	24	54	68	146
25-1021	Computer Science Teachers, Postsecondary	210	230	9.5%	2	8	10	20
25-1022	Mathematical Science Teachers, Postsecondary	410	440	7.3%	3	16	20	39
25-1031	Architecture Teachers, Postsecondary	240	260	8.3%	2	9	11	22
25-1032	Engineering Teachers, Postsecondary	1,120	1,240	10.7%	12	44	54	110

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25-1042	Biological Science Teachers, Postsecondary	1,190	1,330	11.8%	14	46	58	118
25-1052	Chemistry Teachers, Postsecondary	450	480	6.7%	3	17	21	41
25-1053	Environmental Science Teachers, Postsecondary	100	110	10.0%	1	4	5	10
25-1054	Physics Teachers, Postsecondary	190	200	5.3%	1	7	9	17
25-1062	Area, Ethnic & Cultural Studies Teachers, Postsecondary	80	90	12.5%	0	3	4	7
25-1063	Economics Teachers, Postsecondary	200	210	5.0%	1	8	9	18
25-1065	Political Science Teachers, Postsecondary	60	60	0.0%	0	2	3	5
25-1066	Psychology Teachers, Postsecondary	380	430	13.2%	5	15	18	38
25-1067	Sociology Teachers, Postsecondary	230	240	4.3%	2	9	11	22
25-1069	Social Sciences Teachers, Postsecondary, Other	120	120	0.0%	0	4	6	10
25-1071	Health Specialties Teachers, Postsecondary	2,440	3,000	23.0%	55	100	125	280
25-1072	Nursing Instructors & Teachers, Postsecondary	1,790	2,210	23.5%	42	74	92	208
25-1081	Education Teachers, Postsecondary	510	550	7.8%	4	19	24	47
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	180	200	11.1%	2	7	9	18
25-1113	Social Work Teachers, Postsecondary	160	170	6.2%	1	6	8	15
25-1121	Art, Drama & Music Teachers, Postsecondary	1,350	1,460	8.1%	10	52	64	126
25-1122	Communications Teachers, Postsecondary	330	360	9.1%	2	13	16	31
25-1123	English Language & Literature Teachers, Postsecondary	720	770	6.9%	5	28	34	67
25-1124	Foreign Language & Literature Teachers, Postsecondary	310	330	6.5%	2	12	14	28
25-1125	History Teachers, Postsecondary	200	210	5.0%	1	8	9	18
25-1126	Philosophy & Religion Teachers, Postsecondary	170	180	5.9%	2	6	8	16
25-1191	Graduate Teaching Assistants	1,260	1,310	4.0%	5	47	59	111
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	270	290	7.4%	2	10	13	25
25-1194	Vocational Education Teachers, Postsecondary	480	490	2.1%	2	18	22	42
25-1199	Postsecondary Teachers, Other	610	650	6.6%	4	23	29	56
25-2000	Primary, Secondary & Special Education School Teachers	18,530	20,040	8.1%	151	605	870	1,626
25-2011	Preschool Teachers	2,250	2,420	7.6%	17	92	142	251
25-2012	Kindergarten Teachers	490	530	8.2%	4	20	31	55
25-2021	Elementary School Teachers	5,890	6,360	8.0%	48	190	261	499
25-2022	Middle School Teachers	1,340	1,460	9.0%	11	44	60	115
25-2031	Secondary School Teachers	6,600	7,150	8.3%	55	191	291	537
25-2051	Special Education Teachers, Preschool	80	90	12.5%	1	3	4	8
25-2052	Special Education Teachers, Kindergarten & Elementary School	490	520	6.1%	4	17	21	42
25-2053	Special Education Teachers, Middle School	240	260	8.3%	2	8	10	20
25-2054	Special Education Teachers, Secondary School	1,130	1,210	7.1%	9	39	49	97

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25-2059	Special Education Teachers, Other	20	20	0.0%	0	1	1	2
25-3000	Other Teachers & Instructors	5,360	5,780	7.8%	42	322	313	677
25-3011	Adult Basic & Secondary Education & Literacy Teachers	370	340	-8.1%	-3	21	20	38
25-3021	Self-Enrichment Education Teachers	1,920	2,080	8.3%	16	115	112	243
25-3097	Teachers & Instructors, Other	2,420	2,650	9.5%	23	146	143	312
25-3098	Substitute Teachers	650	710	9.2%	6	39	38	83
25-4000	Librarians, Curators & Archivists	1,420	1,460	2.8%	4	84	80	168
25-4011	Archivists	110	120	9.1%	1	5	7	13
25-4012	Curators	200	210	5.0%	1	9	13	23
25-4013	Museum Technicians & Conservators	200	210	5.0%	1	9	13	23
25-4021	Librarians	600	620	3.3%	1	33	28	62
25-4031	Library Technicians	310	300	-3.2%	0	27	20	47
25-9000	Other Education, Training & Library Occupations	7,550	8,170	8.2%	62	391	409	862
25-9011	Audio-Visual & Multimedia Collections Specialists	70	70	0.0%	1	3	4	8
25-9031	Instructional Coordinators	1,460	1,590	8.9%	13	64	78	155
25-9041	Teacher Assistants	5,390	5,820	8.0%	44	297	293	634
25-9099	Education, Training & Library Workers, Other	630	690	9.5%	5	28	34	67
27-0000	Arts, Design, Entertainment, Sports & Media Occupations	13,440	13,680	1.8%	24	506	967	1,497
27-1000	Art & Design Workers	4,330	4,340	0.2%	1	157	283	441
27-1011	Art Directors	510	490	-3.9%	-2	26	29	53
27-1013	Fine Artists	80	70	-12.5%	0	4	4	8
27-1014	Multimedia Artists & Animators	190	190	0.0%	0	10	11	21
27-1019	Artists & Related Workers, Other	100	100	0.0%	0	5	6	11
27-1021	Commercial & Industrial Designers	50	60	20.0%	0	2	4	6
27-1023	Floral Designers	310	280	-9.7%	-3	10	20	27
27-1024	Graphic Designers	1,960	2,020	3.1%	5	65	134	204
27-1025	Interior Designers	410	430	4.9%	2	14	28	44
27-1027	Set & Exhibit Designers	40	40	0.0%	0	1	3	4
27-2000	Entertainers & Performers, Sports & Related Workers	3,220	3,290	2.2%	7	146	256	409
27-2011	Actors	610	610	0.0%	0	23	49	72
27-2012	Producers & Directors	780	800	2.6%	2	17	60	79
27-2021	Athletes & Sports Competitors	90	100	11.1%	1	6	9	16
27-2022	Coaches & Scouts	720	770	6.9%	6	42	67	115
27-2041	Music Directors & Composers	190	180	-5.3%	-1	11	12	22
27-2042	Musicians & Singers	600	590	-1.7%	-1	34	37	70

**Philadelphia County WDA
Occupational Employment
2018-2028 Long-Term Projections**

SOC Code	Occupational Title	Employment Outlook			Annual Demand			
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27-3000	Media & Communication Workers	4,620	4,720	2.2%	9	160	336	505
27-3011	Radio & Television Announcers	190	180	-5.3%	-1	8	14	21
27-3012	Public Address System & Other Announcers	50	50	0.0%	0	2	4	6
27-3021	Broadcast News Analysts	50	50	0.0%	0	2	4	6
27-3022	Reporters & Correspondents	210	190	-9.5%	-3	7	18	22
27-3031	Public Relations Specialists	1,680	1,800	7.1%	12	51	129	192
27-3041	Editors	1,030	1,000	-2.9%	-3	31	80	108
27-3042	Technical Writers	140	150	7.1%	1	5	10	16
27-3043	Writers & Authors	960	940	-2.1%	-2	40	58	96
27-4000	Media & Communication Equipment Workers	1,260	1,330	5.6%	7	42	93	142
27-4011	Audio & Video Equipment Technicians	580	640	10.3%	6	20	45	71
27-4012	Broadcast Technicians	130	130	0.0%	0	4	10	14
27-4014	Sound Engineering Technicians	60	60	0.0%	0	2	4	6
27-4021	Photographers	180	170	-5.6%	-2	7	11	16
27-4031	Camera Operators: TV, Video & Motion Picture	150	160	6.7%	1	4	11	16
27-4032	Film & Video Editors	90	100	11.1%	1	2	7	10
29-0000	Healthcare Practitioners & Technical Occupations	64,390	71,960	11.8%	756	1,782	1,998	4,536
29-1000	Health Diagnosing & Treating Practitioners	43,680	49,180	12.6%	550	1,157	1,137	2,844
29-1021	Dentists, General	410	430	4.9%	2	9	4	15
29-1031	Dietitians & Nutritionists	500	550	10.0%	5	17	16	38
29-1041	Optometrists	130	150	15.4%	1	3	2	6
29-1051	Pharmacists	2,350	2,360	0.4%	1	56	50	107
29-1062	Family & General Practitioners	470	490	4.3%	2	8	6	16
29-1066	Psychiatrists	170	190	11.8%	2	3	2	7
29-1067	Surgeons	310	320	3.2%	1	5	4	10
29-1069	Physicians & Surgeons, Other	4,000	4,320	8.0%	33	68	53	154
29-1071	Physician Assistants	880	1,120	27.3%	25	15	41	81
29-1122	Occupational Therapists	1,020	1,210	18.6%	19	25	38	82
29-1123	Physical Therapists	1,330	1,600	20.3%	28	27	34	89
29-1124	Radiation Therapists	180	200	11.1%	2	3	6	11
29-1125	Recreational Therapists	210	230	9.5%	2	4	6	12
29-1126	Respiratory Therapists	1,150	1,400	21.7%	25	35	32	92
29-1127	Speech-Language Pathologists	530	640	20.8%	11	12	20	43
29-1129	Therapists, Other	60	60	0.0%	0	1	2	3
29-1131	Veterinarians	230	250	8.7%	3	4	5	12

**Philadelphia County WDA
Occupational Employment
2018-2028 Long-Term Projections**

SOC Code	Occupational Title	Employment Outlook			Annual Demand			
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29-1141	Registered Nurses	27,440	31,010	13.0%	357	811	750	1,918
29-1161	Nurse Midwives	80	90	12.5%	1	2	3	6
29-1171	Nurse Practitioners	970	1,190	22.7%	23	21	36	80
29-1199	Health Diagnosing & Treating Practitioners, Other	300	310	3.3%	1	9	6	16
29-2000	Health Technologists & Technicians	19,170	21,100	10.1%	193	588	808	1,589
29-2010	Clinical Laboratory Technologists & Technicians	3,440	3,690	7.3%	25	98	126	249
29-2021	Dental Hygienists	750	830	10.7%	7	33	20	60
29-2031	Cardiovascular Technologists & Technicians	470	530	12.8%	6	12	15	33
29-2032	Diagnostic Medical Sonographers	460	530	15.2%	7	12	15	34
29-2033	Nuclear Medicine Technologists	130	140	7.7%	1	3	4	8
29-2034	Radiologic Technologists	1,560	1,660	6.4%	10	40	49	99
29-2035	Magnetic Resonance Imaging Technologists	290	310	6.9%	2	7	9	18
29-2041	Emergency Medical Technicians & Paramedics	1,080	1,110	2.8%	3	20	53	76
29-2051	Dietetic Technicians	110	130	18.2%	1	4	6	11
29-2052	Pharmacy Technicians	1,930	2,070	7.3%	15	58	104	177
29-2053	Psychiatric Technicians	440	470	6.8%	3	13	23	39
29-2055	Surgical Technologists	790	860	8.9%	7	24	43	74
29-2056	Veterinary Technologists & Technicians	440	490	11.4%	5	14	24	43
29-2061	Licensed Practical & Licensed Vocational Nurses	4,700	5,350	13.8%	65	171	212	448
29-2071	Medical Records & Health Information Technicians	1,420	1,620	14.1%	20	45	52	117
29-2081	Opticians, Dispensing	170	180	5.9%	2	7	7	16
29-2099	Health Technologists & Technicians, Other	740	870	17.6%	13	22	33	68
29-9000	Other Healthcare Practitioners & Technical Occupations	1,540	1,680	9.1%	14	37	54	105
29-9011	Occupational Health & Safety Specialists	480	510	6.2%	3	11	17	31
29-9012	Occupational Health & Safety Technicians	140	150	7.1%	1	3	5	9
29-9099	Healthcare Practitioners & Technical Workers, Other	430	470	9.3%	4	10	15	29
31-0000	Healthcare Support Occupations	31,200	37,180	19.2%	598	1,762	2,094	4,454
31-1000	Nursing, Psychiatric & Home Health Aides	23,080	27,860	20.7%	478	1,369	1,485	3,332
31-1011	Home Health Aides	9,930	12,950	30.4%	301	615	667	1,583
31-1013	Psychiatric Aides	200	220	10.0%	2	11	12	25
31-1014	Nursing Assistants	12,450	14,170	13.8%	172	716	776	1,664
31-1015	Orderlies	500	530	6.0%	3	27	30	60
31-2000	Occupational & Physical Therapist Assistants & Aides	820	980	19.5%	16	39	69	124
31-2011	Occupational Therapy Assistants	140	170	21.4%	3	7	10	20
31-2012	Occupational Therapy Aides	70	80	14.3%	1	3	5	9

**Philadelphia County WDA
Occupational Employment
2018-2028 Long-Term Projections**

SOC Code	Occupational Title	Employment Outlook			Annual Demand			
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31-2021	Physical Therapist Assistants	390	460	17.9%	8	18	34	60
31-2022	Physical Therapist Aides	220	260	18.2%	4	10	19	33
31-9000	Other Healthcare Support Occupations	7,310	8,340	14.1%	103	354	540	997
31-9011	Massage Therapists	750	900	20.0%	16	52	44	112
31-9091	Dental Assistants	1,220	1,360	11.5%	13	60	85	158
31-9092	Medical Assistants	3,360	4,020	19.6%	66	144	262	472
31-9093	Medical Equipment Preparers	490	530	8.2%	3	25	33	61
31-9094	Medical Transcriptionists	270	230	-14.8%	-4	15	20	31
31-9095	Pharmacy Aides	210	220	4.8%	0	10	17	27
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	230	250	8.7%	2	13	26	41
31-9097	Phlebotomists	420	460	9.5%	4	16	30	50
31-9099	Healthcare Support Workers, Other	350	370	5.7%	2	18	23	43
33-0000	Protective Service Occupations	27,630	28,510	3.2%	88	1,223	1,731	3,042
33-1000	Supervisors - Protective Service Workers	2,050	2,110	2.9%	7	58	91	156
33-1011	Supervisors - Correctional Officers	50	50	0.0%	0	2	2	4
33-1012	Supervisors - Police & Detectives	1,060	1,100	3.8%	4	26	41	71
33-1021	Supervisors - Fire Fighting & Prevention	380	400	5.3%	2	10	15	27
33-1099	Supervisors - Protective Service Workers, Other	550	560	1.8%	1	20	33	54
33-2000	Fire Fighting & Prevention Workers	1,690	1,760	4.1%	7	32	86	125
33-3000	Law Enforcement Workers	10,170	10,290	1.2%	12	273	477	762
33-3012	Correctional Officers & Jailers	2,190	2,070	-5.5%	-12	81	107	176
33-3021	Detectives & Criminal Investigators	1,260	1,290	2.4%	4	27	55	86
33-3051	Police & Sheriff's Patrol Officers	6,460	6,730	4.2%	27	158	304	489
33-9000	Other Protective Service Workers	13,730	14,350	4.5%	62	861	1,077	2,000
33-9021	Private Detectives & Investigators	200	210	5.0%	1	7	11	19
33-9032	Security Guards	10,890	11,360	4.3%	47	567	864	1,478
33-9092	Lifeguards, Ski Patrol & Other Recreational Protective Service	610	660	8.2%	5	84	70	159
33-9093	Transportation Security Screeners	530	540	1.9%	1	22	28	51
33-9099	Protective Service Workers, Other	470	500	6.4%	4	64	53	121
35-0000	Food Preparation & Serving Related Occupations	62,020	68,500	10.4%	648	4,538	6,762	11,948
35-1000	Supervisors, Food Preparation & Serving Workers	4,520	4,950	9.5%	43	197	510	750
35-1011	Chefs & Head Cooks	630	690	9.5%	6	20	66	92
35-1012	Supervisors - Food Preparation & Serving Workers	3,890	4,260	9.5%	37	178	444	659
35-2000	Cooks & Food Preparation Workers	13,550	15,380	13.5%	183	831	1,314	2,328
35-2011	Cooks, Fast Food	1,110	1,020	-8.1%	-10	56	94	140

**Philadelphia County WDA
Occupational Employment
2018-2028 Long-Term Projections**

SOC Code	Occupational Title	Employment Outlook			Annual Demand			
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35-2012	Cooks, Institution & Cafeteria	1,660	1,830	10.2%	17	93	154	264
35-2014	Cooks, Restaurant	7,110	8,590	20.8%	148	416	693	1,257
35-2021	Food Preparation Workers	2,980	3,260	9.4%	28	229	311	568
35-3000	Food & Beverage Serving Workers	36,330	40,020	10.2%	369	2,822	4,191	7,382
35-3011	Bartenders	4,420	4,650	5.2%	24	212	586	822
35-3021	Combined Food Preparation & Serving Workers	14,860	17,310	16.5%	245	1,282	1,581	3,108
35-3022	Counter Attendants, Cafeteria, Food Concession & Coffee Shop	2,280	2,400	5.3%	11	263	244	518
35-3031	Waiters & Waitresses	12,710	13,470	6.0%	76	908	1,604	2,588
35-3041	Food Servers, Nonrestaurant	2,060	2,190	6.3%	13	156	176	345
35-9000	Other Food Preparation & Serving Related Workers	7,630	8,150	6.8%	53	687	747	1,487
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	1,970	2,150	9.1%	18	170	182	370
35-9021	Dishwashers	3,350	3,480	3.9%	12	254	288	554
35-9031	Hosts & Hostesses: Restaurant, Lounge & Coffee Shop	2,090	2,300	10.0%	20	245	258	523
35-9099	Food Preparation & Serving Related Workers, Other	210	230	9.5%	2	18	19	39
37-0000	Building & Grounds Cleaning & Maintenance Occupations	21,520	22,690	5.4%	117	1,335	1,560	3,012
37-1000	Supervisors of Building & Grounds Cleaning & Maintenance Workers	1,460	1,540	5.5%	8	60	108	176
37-1011	Supervisors - Housekeeping & Janitorial Workers	1,130	1,200	6.2%	6	49	83	138
37-1012	Supervisors - Landscaping & Groundskeeping Workers	330	340	3.0%	2	12	25	39
37-2000	Building Cleaning & Pest Control Workers	18,160	19,150	5.5%	98	1,195	1,279	2,572
37-2011	Janitors & Cleaners	12,540	13,440	7.2%	90	794	916	1,800
37-3000	Grounds Maintenance Workers	1,900	2,010	5.8%	11	80	173	264
37-3011	Landscaping & Groundskeeping Workers	1,770	1,880	6.2%	11	75	161	247
39-0000	Personal Care & Service Occupations	41,210	47,770	15.9%	657	3,099	3,355	7,111
39-1000	Supervisors, Personal Care & Service Workers	2,480	2,720	9.7%	24	105	159	288
39-2000	Animal Care & Service Workers	1,230	1,380	12.2%	14	90	120	224
39-3000	Entertainment Attendants & Related Workers	2,350	2,460	4.7%	11	265	268	544
39-3031	Ushers, Lobby Attendants & Ticket Takers	1,300	1,330	2.3%	3	172	148	323
39-3091	Amusement & Recreation Attendants	380	400	5.3%	3	41	48	92
39-4000	Funeral Service Workers	300	320	6.7%	2	24	21	47
39-4021	Funeral Attendants	180	190	5.6%	1	18	13	32
39-4031	Morticians, Undertakers & Funeral Directors	120	120	0.0%	0	6	8	14
39-5000	Personal Appearance Workers	4,970	5,380	8.2%	41	303	321	665
39-5012	Hairdressers, Hairstylists & Cosmetologists	3,170	3,420	7.9%	25	200	210	435
39-5092	Manicurists & Pedicurists	900	990	10.0%	9	52	55	116
39-5094	Skincare Specialists	450	500	11.1%	5	26	28	59

**Philadelphia County WDA
Occupational Employment
2018-2028 Long-Term Projections**

SOC Code	Occupational Title	Employment Outlook			Annual Demand			
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39-6000	Transportation, Tourism & Lodging Attendants	580	620	6.9%	5	31	54	90
39-6011	Baggage Porters & Bellhops	390	430	10.3%	4	21	37	62
39-6012	Concierges	180	200	11.1%	1	10	17	28
39-7000	Tour & Travel Guides	430	450	4.7%	2	34	43	79
39-7010	Tour & Travel Guides	430	450	4.7%	2	34	43	79
39-9000	Other Personal Care & Service Workers	28,870	34,450	19.3%	558	2,248	2,369	5,175
39-9011	Childcare Workers	7,670	7,910	3.1%	24	576	586	1,186
39-9021	Personal Care Aides	15,530	20,290	30.7%	476	1,323	1,173	2,972
39-9031	Fitness Trainers & Aerobics Instructors	1,840	2,060	12.0%	22	116	207	345
39-9032	Recreation Workers	1,810	1,950	7.7%	14	112	200	326
41-0000	Sales & Related Occupations	52,060	51,810	-0.5%	-25	2,943	4,450	7,368
41-1000	Supervisors - Sales Workers	6,760	6,640	-1.8%	-12	227	483	698
41-1011	Supervisors - Retail Sales Workers	4,950	4,850	-2.0%	-10	169	369	528
41-1012	Supervisors - Non-Retail Sales Workers	1,810	1,790	-1.1%	-2	58	114	170
41-2000	Retail Sales Workers	30,870	30,040	-2.7%	-83	2,194	2,838	4,949
41-2011	Cashiers	14,750	14,030	-4.9%	-73	1,284	1,430	2,641
41-2021	Counter & Rental Clerks	920	990	7.6%	7	48	74	129
41-2031	Retail Salespersons	14,520	14,320	-1.4%	-20	829	1,278	2,087
41-3000	Sales Representatives, Services	7,330	7,710	5.2%	39	241	622	902
41-3011	Advertising Sales Agents	850	860	1.2%	1	27	89	117
41-3021	Insurance Sales Agents	1,450	1,540	6.2%	9	55	90	154
41-3031	Securities, Commodities & Financial Services Sales Agents	1,700	1,800	5.9%	10	45	120	175
41-3041	Travel Agents	460	430	-6.5%	-3	26	33	56
41-3099	Sales Representatives, Other Services	2,870	3,080	7.3%	21	88	289	398
41-4000	Sales Representatives, Wholesale & Manufacturing	3,950	4,140	4.8%	19	123	301	443
41-4011	Sales Representatives, Technical & Scientific Products	340	370	8.8%	3	11	26	40
41-4012	Sales Representatives	3,610	3,780	4.7%	17	112	275	404
41-9000	Other Sales & Related Workers	3,160	3,280	3.8%	12	158	206	376
41-9021	Real Estate Brokers	70	70	0.0%	0	3	3	6
41-9022	Real Estate Sales Agents	1,980	2,030	2.5%	5	91	100	196
41-9031	Sales Engineers	230	240	4.3%	2	6	20	28
41-9041	Telemarketers	360	320	-11.1%	-5	16	37	48
41-9099	Sales & Related Workers, Other	230	290	26.1%	6	11	23	40
43-0000	Office & Administrative Support Occupations	113,390	109,740	-3.2%	-365	5,484	7,524	12,643
43-1000	Supervisors - Office & Administrative Support Workers	9,750	9,640	-1.1%	-11	364	652	1,005

**Philadelphia County WDA
Occupational Employment
2018-2028 Long-Term Projections**

SOC Code	Occupational Title	Employment Outlook			Annual Demand			
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43-1011	Supervisors - Office & Administrative Support Workers	9,750	9,640	-1.1%	-11	364	652	1,005
43-2000	Communications Equipment Operators	350	270	-22.9%	-8	17	21	30
43-2011	Switchboard Operators	330	250	-24.2%	-8	16	19	27
43-3000	Financial Clerks	13,400	13,130	-2.0%	-27	679	845	1,497
43-3011	Bill & Account Collectors	1,120	1,070	-4.5%	-5	42	88	125
43-3021	Billing & Posting Clerks	2,910	3,190	9.6%	28	126	206	360
43-3031	Bookkeeping, Accounting & Auditing Clerks	6,270	6,030	-3.8%	-24	374	342	692
43-3051	Payroll & Timekeeping Clerks	590	570	-3.4%	-2	27	37	62
43-3061	Procurement Clerks	390	370	-5.1%	-2	13	26	37
43-3071	Tellers	1,920	1,670	-13.0%	-24	88	128	192
43-4000	Information & Record Clerks	26,880	26,870	0.0%	-2	1,326	2,071	3,395
43-4011	Brokerage Clerks	290	310	6.9%	2	14	17	33
43-4021	Correspondence Clerks	50	50	0.0%	0	2	3	5
43-4031	Court, Municipal & License Clerks	310	330	6.5%	1	14	15	30
43-4041	Credit Authorizers, Checkers & Clerks	20	20	0.0%	0	1	1	2
43-4051	Customer Service Representatives	11,960	11,650	-2.6%	-30	567	1,006	1,543
43-4061	Eligibility Interviewers, Government Programs	2,210	2,320	5.0%	11	87	128	226
43-4071	File Clerks	1,380	1,180	-14.5%	-20	74	84	138
43-4081	Hotel, Motel & Resort Desk Clerks	510	480	-5.9%	-3	27	56	80
43-4111	Interviewers	1,590	1,680	5.7%	9	83	118	210
43-4121	Library Assistants, Clerical	540	520	-3.7%	-2	42	38	78
43-4131	Loan Interviewers & Clerks	430	450	4.7%	2	16	28	46
43-4141	New Accounts Clerks	60	60	0.0%	0	3	5	8
43-4151	Order Clerks	420	390	-7.1%	-3	17	30	44
43-4161	Human Resources Assistants	660	640	-3.0%	-2	24	50	72
43-4171	Receptionists & Information Clerks	4,330	4,580	5.8%	25	260	339	624
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	1,410	1,480	5.0%	8	60	104	172
43-4199	Information & Record Clerks, Other	730	740	1.4%	1	36	49	86
43-5000	Material Recording, Scheduling, Dispatching & Distributing Workers	16,350	16,150	-1.2%	-20	716	1,096	1,792
43-5011	Cargo & Freight Agents	330	360	9.1%	3	12	20	35
43-5021	Couriers & Messengers	560	540	-3.6%	-3	22	31	50
43-5031	Police, Fire & Ambulance Dispatchers	450	470	4.4%	2	16	28	46
43-5032	Dispatchers	700	740	5.7%	3	25	43	71
43-5041	Meter Readers, Utilities	120	110	-8.3%	-2	5	6	9
43-5051	Postal Service Clerks	340	310	-8.8%	-4	13	11	20

**Philadelphia County WDA
Occupational Employment
2018-2028 Long-Term Projections**

SOC Code	Occupational Title	Employment Outlook			Annual Demand			
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43-5052	Postal Service Mail Carriers	1,650	1,480	-10.3%	-17	57	59	99
43-5053	Postal Service Mail Sorters, Processors & Processing Machine Operators	1,580	1,340	-15.2%	-24	67	54	97
43-5061	Production, Planning & Expediting Clerks	910	940	3.3%	3	31	66	100
43-5071	Shipping, Receiving & Traffic Clerks	1,590	1,620	1.9%	3	54	106	163
43-5081	Stock Clerks & Order Fillers	7,940	8,080	1.8%	13	405	661	1,079
43-5111	Weighers, Measurers, Checkers & Samplers, Recordkeeping	170	180	5.9%	2	8	12	22
43-6000	Secretaries & Administrative Assistants	19,610	18,040	-8.0%	-157	965	1,142	1,950
43-6011	Executive Secretaries & Executive Administrative Assistants	3,460	2,840	-17.9%	-61	161	191	291
43-6012	Legal Secretaries	2,470	1,960	-20.6%	-50	113	134	197
43-6013	Medical Secretaries	2,970	3,430	15.5%	46	164	194	404
43-6014	Secretaries	10,720	9,800	-8.6%	-91	526	623	1,058
43-9000	Other Office & Administrative Support Workers	27,050	25,650	-5.2%	-140	1,417	1,696	2,973
43-9011	Computer Operators	240	180	-25.0%	-6	10	15	19
43-9021	Data Entry Keyers	670	510	-23.9%	-15	27	42	54
43-9022	Word Processors & Typists	1,760	1,170	-33.5%	-60	88	90	118
43-9041	Insurance Claims & Policy Processing Clerks	1,770	1,820	2.8%	5	66	112	183
43-9051	Mail Clerks & Mail Machine Operators	460	430	-6.5%	-3	21	28	46
43-9061	Office Clerks, General	20,560	19,970	-2.9%	-59	1,133	1,293	2,367
43-9071	Office Machine Operators	200	180	-10.0%	-2	11	13	22
43-9111	Statistical Assistants	120	140	16.7%	1	5	11	17
43-9199	Office & Administrative Support Workers, Other	950	1,000	5.3%	6	41	72	119
45-0000	Farming, Fishing & Forestry Occupations	360	340	-5.6%	-2	14	41	53
45-2092	Farmworkers & Laborers, Crop, Nursery & Greenhouse	100	90	-10.0%	-1	4	12	15
47-0000	Construction & Extraction Occupations	17,860	19,090	6.9%	123	605	1,433	2,161
47-1000	Supervisors - Construction & Extraction Workers	1,210	1,310	8.3%	10	38	94	142
47-1011	Supervisors - Construction Trades & Extraction Workers	1,210	1,310	8.3%	10	38	94	142
47-2000	Construction Trades Workers	14,400	15,410	7.0%	101	473	1,155	1,729
47-2021	Brickmasons & Blockmasons	140	150	7.1%	1	4	10	15
47-2031	Carpenters	2,850	3,010	5.6%	16	92	212	320
47-2044	Tile & Marble Setters	100	120	20.0%	2	3	7	12
47-2051	Cement Masons & Concrete Finishers	160	180	12.5%	1	5	13	19
47-2061	Construction Laborers	4,560	4,860	6.6%	30	158	366	554
47-2073	Operating Engineers & Other Construction Equipment Operators	1,060	1,150	8.5%	8	38	90	136
47-2111	Electricians	1,580	1,690	7.0%	11	50	139	200
47-2141	Painters, Construction & Maintenance	840	870	3.6%	4	30	57	91

**Philadelphia County WDA
Occupational Employment
2018-2028 Long-Term Projections**

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47-2152	Plumbers, Pipefitters & Steamfitters	1,960	2,170	10.7%	21	60	168	249
47-2161	Plasterers & Stucco Masons	60	70	16.7%	0	2	4	6
47-2211	Sheet Metal Workers	300	310	3.3%	2	9	24	35
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters & Steamfitters	70	80	14.3%	1	2	8	11
47-4000	Other Construction & Related Workers	1,700	1,780	4.7%	8	75	126	209
47-4011	Construction & Building Inspectors	430	460	7.0%	3	24	31	58
47-4041	Hazardous Materials Removal Workers	110	120	9.1%	1	5	10	16
47-4061	Rail-Track Laying & Maintenance Equipment Operators	80	80	0.0%	0	3	6	9
47-4090	Miscellaneous Construction & Related Workers	60	70	16.7%	0	2	6	8
49-0000	Installation, Maintenance & Repair Occupations	19,480	20,410	4.8%	93	637	1,302	2,032
49-1000	Supervisors - Installation, Maintenance & Repair Workers	1,700	1,780	4.7%	8	54	105	167
49-1011	Supervisors - Mechanics, Installers & Repairers	1,700	1,780	4.7%	8	54	105	167
49-2000	Electrical & Electronic Equipment Mechanics, Installers & Repairers	1,520	1,580	3.9%	6	38	118	162
49-2011	Computer, Automated Teller & Office Machine Repairers	250	260	4.0%	1	7	20	28
49-2022	Telecommunications Equipment Installers & Repairers	440	460	4.5%	1	12	37	50
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	310	320	3.2%	1	5	22	28
49-3000	Vehicle & Mobile Equipment Mechanics, Installers	4,700	4,780	1.7%	7	135	309	451
49-3011	Aircraft Mechanics & Service Technicians	1,210	1,210	0.0%	0	32	66	98
49-3021	Automotive Body & Related Repairers	590	620	5.1%	3	19	38	60
49-3023	Automotive Service Technicians & Mechanics	1,730	1,730	0.0%	0	47	121	168
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	390	410	5.1%	2	11	26	39
49-3042	Mobile Heavy Equipment Mechanics	200	210	5.0%	0	6	14	20
49-3043	Rail Car Repairers	100	100	0.0%	0	3	7	10
49-3052	Motorcycle Mechanics	40	40	0.0%	0	2	2	4
49-9000	Other Installation, Maintenance & Repair Occupations	11,560	12,280	6.2%	72	409	769	1,250
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	870	940	8.0%	6	25	64	95
49-9031	Home Appliance Repairers	300	310	3.3%	0	14	19	33
49-9041	Industrial Machinery Mechanics	970	1,060	9.3%	8	32	61	101
49-9043	Maintenance Workers, Machinery	390	430	10.3%	4	16	22	42
49-9044	Millwrights	110	120	9.1%	1	3	6	10
49-9052	Telecommunications Line Installers & Repairers	830	860	3.6%	3	20	75	98
49-9062	Medical Equipment Repairers	180	190	5.6%	0	8	11	19
49-9071	Maintenance & Repair Workers, General	6,670	7,130	6.9%	46	242	427	715
49-9091	Coin, Vending & Amusement Machine Servicers & Repairers	70	70	0.0%	0	3	6	9
49-9094	Locksmiths & Safe Repairers	70	60	-14.3%	0	3	4	7

**Philadelphia County WDA
Occupational Employment
2018-2028 Long-Term Projections**

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49-9097	Signal & Track Switch Repairers	40	40	0.0%	0	2	3	5
49-9098	Helpers--Installation, Maintenance & Repair Workers	340	360	5.9%	2	19	26	47
49-9099	Installation, Maintenance & Repair Workers, Other	300	310	3.3%	1	12	21	34
51-0000	Production Occupations	18,370	18,240	-0.7%	-13	764	1,392	2,143
51-1000	Supervisors - Production Workers	1,680	1,710	1.8%	3	54	119	176
51-1011	Supervisors - Production & Operating Workers	1,680	1,710	1.8%	3	54	119	176
51-2000	Assemblers & Fabricators	2,570	2,340	-8.9%	-23	96	185	258
51-2041	Structural Metal Fabricators & Fitters	300	250	-16.7%	-4	7	22	25
51-2098	Assemblers & Fabricators, All Other	1,990	1,800	-9.5%	-19	78	143	202
51-3000	Food Processing Workers	2,270	2,410	6.2%	14	119	191	324
51-3011	Bakers	960	1,010	5.2%	5	57	77	139
51-3021	Butchers & Meat Cutters	550	590	7.3%	4	23	47	74
51-3022	Meat, Poultry & Fish Cutters & Trimmers	240	260	8.3%	2	10	20	32
51-3023	Slaughterers & Meat Packers	180	200	11.1%	2	8	16	26
51-3092	Food Batchmakers	240	250	4.2%	1	15	22	38
51-3093	Food Cooking Machine Operators	50	50	0.0%	0	3	4	7
51-4000	Metal Workers & Plastic Workers	2,090	2,130	1.9%	3	67	157	227
51-4011	Computer-Controlled Machine Tool Operators	100	110	10.0%	1	3	8	12
51-4012	Computer Numerically Controlled Machine Tool Programmers	20	30	50.0%	0	1	2	3
51-4031	Cutting, Punching & Press Machine Operators	110	110	0.0%	0	4	8	12
51-4033	Grinding, Lapping, Polishing & Buffing Machine Tool Operators	30	30	0.0%	0	1	2	3
51-4041	Machinists	470	480	2.1%	1	16	33	50
51-4081	Multiple Machine Tool Operators	190	200	5.3%	1	7	14	22
51-4111	Tool & Die Makers	120	120	0.0%	0	4	8	12
51-4121	Welders, Cutters, Solderers & Brazers	470	500	6.4%	2	12	41	55
51-4191	Heat Treating Equipment Operators	10	10	0.0%	0	0	0	0
51-5100	Printing Workers	830	730	-12.0%	-10	30	56	76
51-5112	Printing Press Operators	660	600	-9.1%	-6	24	44	62
51-6000	Textile, Apparel & Furnishings Workers	2,220	2,150	-3.2%	-7	132	140	265
51-6011	Laundry & Dry-Cleaning Workers	1,150	1,170	1.7%	2	72	82	156
51-6021	Pressers: Textile, Garment & Related Materials	120	90	-25.0%	-2	6	6	10
51-6031	Sewing Machine Operators	650	590	-9.2%	-6	36	33	63
51-6061	Textile Bleaching & Dyeing Machine Operators	30	30	0.0%	0	2	2	4
51-6062	Textile Cutting Machine Operators	10	10	0.0%	0	0	1	1
51-6093	Upholsterers	50	50	0.0%	0	2	3	5

**Philadelphia County WDA
Occupational Employment
2018-2028 Long-Term Projections**

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51-7000	Woodworkers	330	340	3.0%	1	16	24	41
51-7011	Cabinetmakers & Bench Carpenters	110	110	0.0%	0	5	7	12
51-7021	Furniture Finishers	80	80	0.0%	0	4	5	9
51-8000	Plant & System Operators	1,090	1,100	0.9%	1	29	84	114
51-8011	Nuclear Power Reactor Operators	10	10	0.0%	0	0	0	0
51-8021	Stationary Engineers & Boiler Operators	380	400	5.3%	3	13	28	44
51-8031	Water & Wastewater Treatment Plant & System Operators	90	90	0.0%	-1	3	5	7
51-9000	Other Production Occupations	5,290	5,340	0.9%	5	220	435	660
51-9022	Grinding & Polishing Workers, Hand	70	50	-28.6%	-1	2	5	6
51-9023	Mixing & Blending Machine Operators	260	270	3.8%	1	8	23	32
51-9032	Cutting & Slicing Machine Operators	80	80	0.0%	0	3	7	10
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	900	790	-12.2%	-12	34	71	93
51-9071	Jewelers & Precious Stone & Metal Workers	180	150	-16.7%	-2	10	11	19
51-9082	Medical Appliance Technicians	140	160	14.3%	2	7	12	21
51-9111	Packaging & Filling Machine Operators	1,430	1,530	7.0%	9	65	107	181
51-9121	Coating, Painting & Spraying Machine Operators	150	160	6.7%	0	5	12	17
51-9122	Painters, Transportation Equipment	140	150	7.1%	1	4	11	16
51-9151	Photographic Process Workers & Processing Machine Operators	280	260	-7.1%	-2	12	29	39
51-9192	Cleaning, Washing & Metal Pickling Equipment Operators	40	40	0.0%	0	3	4	7
51-9196	Paper Goods Machine Operators	180	180	0.0%	0	6	14	20
51-9198	Helpers--Production Workers	600	650	8.3%	5	33	59	97
51-9199	Production Workers, Other	210	220	4.8%	1	8	17	26
53-0000	Transportation & Material Moving Occupations	38,800	41,770	7.7%	297	1,874	3,185	5,356
53-1000	Supervisors - Transportation & Material Moving Workers	1,840	2,030	10.3%	20	61	145	226
53-1011	Aircraft Cargo Handling Supervisors	70	70	0.0%	0	2	5	7
53-1048	Supervisors - Transportation & Material Moving Workers	1,770	1,960	10.7%	19	59	140	218
53-2012	Commercial Pilots	220	230	4.5%	1	6	17	24
53-2022	Airfield Operations Specialists	100	110	10.0%	0	2	7	9
53-3000	Motor Vehicle Operators	12,200	13,480	10.5%	128	684	815	1,627
53-3021	Bus Drivers, Transit & Intercity	630	710	12.7%	7	52	32	91
53-3022	Bus Drivers, School or Special Client	2,260	2,490	10.2%	24	184	115	323
53-3032	Heavy & Tractor-Trailer Truck Drivers	2,610	2,770	6.1%	16	111	195	322
53-3033	Light Truck or Delivery Services Drivers	2,440	2,630	7.8%	19	104	184	307
53-3041	Taxi Drivers & Chauffeurs	2,410	2,960	22.8%	55	144	147	346
53-4000	Rail Transportation Workers	890	880	-1.1%	-1	20	63	82

**Philadelphia County WDA
Occupational Employment
2018-2028 Long-Term Projections**

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53-4013	Rail Yard Engineers, Dinkey Operators & Hostlers	40	40	0.0%	0	1	3	4
53-5021	Captains, Mates & Pilots of Water Vessels	160	160	0.0%	0	4	11	15
53-5031	Ship Engineers	90	80	-11.1%	0	2	8	10
53-6000	Other Transportation Workers	2,500	2,570	2.8%	6	128	243	377
53-6021	Parking Lot Attendants	2,060	2,090	1.5%	3	107	210	320
53-6031	Automotive & Watercraft Service Attendants	70	80	14.3%	1	3	8	12
53-6041	Traffic Technicians	30	30	0.0%	0	1	2	3
53-6051	Transportation Inspectors	100	110	10.0%	0	3	7	10
53-6061	Transportation Attendants	120	130	8.3%	2	10	7	19
53-7000	Material Moving Workers	16,970	18,110	6.7%	114	797	1,612	2,523
53-7011	Conveyor Operators	50	50	0.0%	0	2	4	6
53-7051	Industrial Truck & Tractor Operators	1,160	1,210	4.3%	6	36	98	140
53-7061	Cleaners of Vehicles & Equipment	1,470	1,570	6.8%	10	76	146	232
53-7062	Laborers & Freight, Stock & Material Movers	12,070	13,050	8.1%	99	567	1,177	1,843
53-7063	Machine Feeders & Offbearers	100	90	-10.0%	0	5	8	13
53-7064	Packers & Packagers, Hand	1,400	1,350	-3.6%	-5	82	116	193
53-7081	Refuse & Recyclable Material Collectors	230	260	13.0%	3	13	20	36

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

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

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

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