

## 2017 High Priority Occupations for Philadelphia County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2016)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2014	Projected 2024	Percent Change	Annual Openings
11-1021	General & Operations Managers	BD+	\$71,090	\$145,320	\$182,430	6,270	6,660	6.2%	198
11-2022	Sales Managers	BD+	\$92,680	\$175,050	\$216,240	1,050	1,090	3.8%	29
11-3031	Financial Managers	BD+	\$91,920	\$170,340	\$209,550	2,460	2,580	4.9%	70
11-9151	Social & Community Service Managers	BD+	\$51,630	\$76,390	\$88,770	1,380	1,550	12.3%	54
13-1023	Purchasing Agents	BD+	\$51,700	\$76,440	\$88,810	1,460	1,440	-1.4%	40
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	\$48,070	\$67,010	\$76,470	1,960	1,970	0.5%	49
13-1041	Compliance Officers	BD	\$47,670	\$74,210	\$87,480	1,910	1,980	3.7%	34
13-1071	Human Resources Specialists	BD	\$46,640	\$73,740	\$87,290	2,660	2,770	4.1%	76
13-1151	Training & Development Specialists	BD+	\$43,360	\$67,510	\$79,590	1,330	1,420	6.8%	41
13-2011	Accountants & Auditors	BD	\$50,840	\$83,540	\$99,900	7,400	8,110	9.6%	269
13-2052	Personal Financial Advisors	BD+	\$56,800	\$130,400	\$167,200	1,130	1,420	25.7%	57
13-2071	Credit Counselors	BD	\$40,950	\$53,870	\$60,340	350	390	11.4%	11
15-1121	Computer Systems Analysts	BD	\$60,940	\$97,010	\$115,050	2,840	3,370	18.7%	90
15-1131	Computer Programmers	BD	\$55,270	\$82,750	\$96,500	1,470	1,440	-2.0%	36
15-1132	Software Developers, Applications	BD	\$71,950	\$104,640	\$120,990	2,050	2,350	14.6%	59
15-1134	Web Developers	AD	\$49,650	\$76,830	\$90,420	780	940	20.5%	26
15-1151	Computer User Support Specialists	PS	\$36,650	\$57,620	\$68,110	2,710	2,960	9.2%	60
15-1152	Computer Network Support Specialists	AD	\$50,370	\$73,040	\$84,380	500	530	6.0%	9
17-2051	Civil Engineers	BD	\$60,180	\$93,280	\$109,830	1,490	1,560	4.7%	51
17-2112	Industrial Engineers	BD	\$72,030	\$91,920	\$101,870	410	420	2.4%	14
17-2141	Mechanical Engineers	BD	\$61,550	\$95,730	\$112,820	890	970	9.0%	36
17-3024	Electro-Mechanical Technicians	AD	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17-3026	Industrial Engineering Technicians	AD	\$43,620	\$65,120	\$75,870	N/A	N/A	N/A	N/A
21-1011	Substance Abuse & Behavioral Disorder Counselors	BD	\$31,280	\$45,480	\$52,580	940	1,070	13.8%	33
21-1021	Child, Family & School Social Workers	BD	\$32,220	\$45,530	\$52,180	3,700	4,060	9.7%	124
21-1093	Social & Human Service Assistants	ST OJT	\$25,800	\$33,790	\$37,790	2,930	3,330	13.7%	98
25-2011	Preschool Teachers	AD	\$20,510	\$28,500	\$32,500	1,560	1,700	9.0%	61
25-4031	Library Technicians	PS	\$31,530	\$47,870	\$56,030	530	550	3.8%	28
27-2022	Coaches & Scouts	BD	\$21,540	\$55,200	\$72,020	970	1,030	6.2%	38
29-1126	Respiratory Therapists	AD	\$53,850	\$66,870	\$73,380	920	1,070	16.3%	37
29-1141	Registered Nurses	BD	\$59,820	\$80,640	\$91,050	19,780	23,040	16.5%	793

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29-2011	Medical & Clinical Laboratory Technologists	BD	\$39,680	\$58,900	\$68,520	1,760	2,070	17.6%	73
29-2012	Medical & Clinical Laboratory Technicians	AD	\$30,230	\$44,680	\$51,910	2,010	2,290	13.9%	76
29-2021	Dental Hygienists	AD	\$48,280	\$68,350	\$78,390	440	450	2.3%	9
29-2034	Radiologic Technologists	AD	\$46,570	\$65,890	\$75,560	1,280	1,380	7.8%	34
29-2041	Emergency Medical Technicians & Paramedics	PS	\$22,570	\$41,320	\$50,690	1,450	1,650	13.8%	44
29-2052	Pharmacy Technicians	MT OJT	\$23,560	\$33,330	\$38,220	2,090	2,200	5.3%	32
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$40,860	\$52,010	\$57,580	3,940	3,980	1.0%	116
29-2071	Medical Records & Health Information Technicians	PS	\$29,010	\$41,710	\$48,060	1,560	1,860	19.2%	65
31-1014	Nursing Assistants	PS	\$23,640	\$31,020	\$34,710	11,700	12,850	9.8%	379
31-9091	Dental Assistants	PS	\$22,570	\$33,070	\$38,310	1,500	1,570	4.7%	44
31-9092	Medical Assistants	PS	\$25,440	\$33,260	\$37,170	2,890	3,480	20.4%	119
31-9097	Phlebotomists	PS	\$28,410	\$36,430	\$40,440	870	1,030	18.4%	34
33-3051	Police & Sheriff's Patrol Officers	MT OJT	\$60,750	\$69,240	\$73,480	6,810	6,780	-0.4%	224
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$25,820	\$41,260	\$48,980	3,330	3,820	14.7%	148
39-9011	Childcare Workers	ST OJT	\$17,170	\$22,770	\$25,560	7,510	8,010	6.7%	272
39-9032	Recreation Workers	ST OJT	\$21,890	\$34,670	\$41,060	1,850	1,950	5.4%	44
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$41,840	\$65,800	\$77,790	7,450	7,910	6.2%	158
43-3021	Billing & Posting Clerks	MT OJT	\$30,810	\$41,880	\$47,420	4,420	4,790	8.4%	128
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	\$31,260	\$44,900	\$51,710	6,450	6,060	-6.0%	63
43-3051	Payroll & Timekeeping Clerks	MT OJT	\$29,960	\$43,070	\$49,620	700	680	-2.9%	19
43-4051	Customer Service Representatives	ST OJT	\$26,480	\$39,270	\$45,670	9,890	10,650	7.7%	320
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	ST OJT	\$27,130	\$41,160	\$48,170	1,400	1,490	6.4%	27
43-6012	Legal Secretaries	MT OJT	\$35,830	\$50,650	\$58,060	4,450	4,220	-5.2%	47
43-6013	Medical Secretaries	MT OJT	\$29,030	\$37,980	\$42,450	1,930	2,230	15.5%	50
43-6014	Secretaries	ST OJT	\$27,790	\$38,770	\$44,260	10,930	11,070	1.3%	129
43-9061	Office Clerks, General	ST OJT	\$22,740	\$36,240	\$42,990	17,520	18,000	2.7%	426
47-2031	Carpenters	LT OJT	\$30,570	\$61,160	\$76,450	2,250	2,480	10.2%	49
47-2061	Construction Laborers	ST OJT	\$23,960	\$40,880	\$49,350	2,800	3,140	12.1%	90
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	\$41,220	\$61,280	\$71,300	1,130	1,210	7.1%	27
47-2111	Electricians	LT OJT	\$41,670	\$62,250	\$72,540	1,290	1,460	13.2%	37
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$46,380	\$71,070	\$83,420	1,570	1,750	11.5%	39

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47-2231	Solar Photovoltaic Installers	MT OJT	N/A	N/A	N/A	N/A	N/A	N/A	N/A
47-4051	Highway Maintenance Workers	MT OJT	\$41,690	\$44,770	\$46,310	1,130	1,120	-0.9%	30
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$51,540	\$71,380	\$81,300	1,390	1,450	4.3%	33
49-3011	Aircraft Mechanics & Service Technicians	PS	\$49,610	\$63,280	\$70,110	1,070	1,120	4.7%	31
49-3023	Automotive Service Technicians & Mechanics	PS	\$22,280	\$39,870	\$48,660	2,600	2,660	2.3%	76
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$40,730	\$51,070	\$56,230	850	950	11.8%	23
49-9041	Industrial Machinery Mechanics	LT OJT	\$38,170	\$49,790	\$55,600	950	1,130	18.9%	43
49-9043	Maintenance Workers, Machinery	MT OJT	\$28,650	\$46,170	\$54,940	530	620	17.0%	17
49-9071	Maintenance & Repair Workers, General	LT OJT	\$27,630	\$43,400	\$51,280	6,320	6,710	6.2%	205
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$42,460	\$63,850	\$74,550	1,420	1,420	0.0%	22
51-2092	Team Assemblers	MT OJT	\$17,670	\$29,390	\$35,250	2,470	2,660	7.7%	71
51-3011	Bakers	LT OJT	\$19,040	\$35,030	\$43,020	1,110	1,180	6.3%	31
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	\$31,010	\$41,930	\$47,400	120	140	16.7%	6
51-4012	CNC Machine Tool Programmers, Metal & Plastic	LT OJT	\$43,500	\$58,430	\$65,900	N/A	N/A	N/A	N/A
51-4041	Machinists	LT OJT	\$21,890	\$39,540	\$48,360	660	750	13.6%	28
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$35,010	\$47,990	\$54,470	720	780	8.3%	27
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$26,320	\$42,960	\$51,290	980	1,010	3.1%	28
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	\$20,460	\$30,800	\$35,970	1,150	1,160	0.9%	42
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	\$33,840	\$44,360	\$49,620	2,230	2,460	10.3%	60
53-3033	Light Truck or Delivery Services Drivers	ST OJT	\$20,420	\$36,800	\$45,000	2,880	2,960	2.8%	58
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$32,450	\$41,850	\$46,540	930	970	4.3%	27

**Educational Attainment Abbreviations:**

Short-term or Moderate-term training (**ST OJT** or **MT OJT**) – basic tasks and skills are learned through a period of on-the-job training. A high school diploma may be required.

Long-term training (**LT OJT**) – a high school diploma and at least one year of on-the-job training or an apprenticeship.

Related work experience (**WK EXP**) – a high school diploma and training gained through hands-on work in a similar occupation.

Postsecondary training (**PS** or **PS+**) – training is gained through a postsecondary training program. Some period of related work experience may be required.

Associate Degree (**AD** or **AD+**) – degree completed after two years of full-time schooling beyond high school. Some period of related work experience may be required.

Bachelor's Degree (**BD** or **BD+**) – degree completed after four years of full-time schooling beyond high school. Some period of related work experience may be required.

Master's Degree (**MD** or **MD+**) – degree completed after two years of full-time schooling beyond a bachelor's degree. Some period of related work experience may be required.

Doctoral (**PhD**) or First Professional Degree (**PROF**) – degree programs requiring 3-6 years of education at the college or university level beyond a four-year bachelor's degree.