

2020 High Priority Occupations for Central Workforce Development Area

			W	/ages (201	9)	Employment				
SOC Code	SOC Title	Educational Attainment	Entry Level	Annual Average	Exper. Level	Estimated 2016	Projected 2026	Percent Change	Annual Demand	
11-1021	General & Operations Managers	BD+	\$52,930	\$108,420	\$136,170	2,530	2,700	6.7%	227	
13-1161	Market Research Analysts & Marketing Specialists	BD	\$37,440	\$71,410	\$88,390	780	900	15.4%	93	
13-2011	Accountants & Auditors	BD	\$43,320	\$64,370	\$74,900	1,720	1,890	9.9%	174	
15-1131	Computer Programmers	BD	\$50,770	\$70,240	\$79,980	370	330	-10.8%	18	
15-1132	Software Developers, Applications	BD	\$58,340	\$89,290	\$104,760	380	480	26.3%	37	
15-1134	Web Developers	AD	\$46,350	\$70,170	\$82,080	200	220	10.0%	17	
15-1142	Network & Computer Systems Administrators	BD	\$58,070	\$73,650	\$81,440	720	750	4.2%	48	
15-1151	Computer User Support Specialists	PS	\$31,450	\$46,510	\$54,040	930	1,020	9.7%	79	
21-1011	Substance Abuse & Behavioral Disorder Counselors	BD	\$29,520	\$46,860	\$55,530	300	340	13.3%	37	
21-1021	Child, Family & School Social Workers	BD	\$25,510	\$37,300	\$43,190	870	920	5.7%	94	
21-1093	Social & Human Service Assistants	ST OJT	\$25,850	\$34,610	\$38,990	1,330	1,420	6.8%	168	
25-2011	Preschool Teachers	AD	\$23,120	\$34,340	\$39,950	650	690	6.2%	69	
25-3021	Self-Enrichment Teachers	WK EXP	\$19,420	\$33,710	\$40,850	840	910	8.3%	101	
29-1141	Registered Nurses	BD	\$52,540	\$68,350	\$76,260	7,530	8,480	12.6%	498	
29-2041	Emergency Medical Technicians & Paramedics	PS	\$20,990	\$30,000	\$34,500	590	660	11.9%	45	
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$36,940	\$44,200	\$47,830	2,190	2,380	8.7%	180	
29-2071	Medical Records & Health Information Technicians	PS	\$27,840	\$38,980	\$44,550	290	310	6.9%	21	
31-1014	Nursing Assistants	PS	\$26,140	\$30,180	\$32,190	3,800	4,140	8.9%	476	
31-9091	Dental Assistants	PS	\$28,150	\$38,030	\$42,960	440	470	6.8%	52	
31-9092	Medical Assistants	PS	\$26,060	\$31,760	\$34,610	1,060	1,320	24.5%	151	
33-3012	Correctional Officers & Jailers	MT OJT	\$39,890	\$55,140	\$62,770	1,600	1,480	-7.5%	111	
33-3051	Police & Sheriff's Patrol Officers	MT OJT	\$40,890	\$64,050	\$75,630	1,030	1,080	4.9%	73	
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$23,960	\$38,150	\$45,240	1,620	1,750	8.0%	250	
37-1011	Supervisors - Housekeeping & Janitorial Workers	WK EXP	\$25,680	\$37,300	\$43,120	350	380	8.6%	44	
39-9011	Childcare Workers	ST OJT	\$17,730	\$21,860	\$23,920	2,000	2,060	3.0%	298	
41-1011	Supervisors - Retail Sales Workers	WK EXP	\$25,400	\$40,270	\$47,710	2,700	2,800	3.7%	297	
41-3021	Insurance Sales Agents	MT OJT	\$31,440	\$56,540	\$69,090	710	740	4.2%	72	
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$36,210	\$54,630	\$63,850	2,110	2,110	0.0%	204	
43-3021	Billing & Posting Clerks	MT OJT	\$27,320	\$36,340	\$40,850	780	850	9.0%	87	
43-4111	Interviewers (Contact Tracers)	ST OJT	\$27,410	\$34,920	\$38,680	580	590	1.7%	68	
43-5061	Production, Planning & Expediting Clerks	MT OJT	\$32,150	\$44,610	\$50,840	460	510	10.9%	53	
43-5071	Shipping, Receiving & Inventory Clerks	ST OJT	\$26,440	\$36,340	\$41,290	1,220	1,210	-0.8%	118	



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43-6011	Executive Secretaries & Administrative Assistants	WK EXP	\$34,780	\$56,410	\$67,230	1,050	860	-18.1%	83
47-1011	Supervisors - Construction & Extraction Workers	WK EXP	\$43,920	\$64,010	\$74,050	1,200	1,290	7.5%	128
47-2031	Carpenters	LT OJT	\$31,100	\$42,210	\$47,760	1,990	2,130	7.0%	200
47-2073	Operating Engineers	MT OJT	\$33,970	\$46,760	\$53,150	1,220	1,320	8.2%	147
47-2111	Electricians	LT OJT	\$34,650	\$50,630	\$58,610	940	1,020	8.5%	115
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$34,310	\$52,410	\$61,460	690	770	11.6%	83
47-4051	Highway Maintenance Workers	MT OJT	\$25,020	\$35,900	\$41,340	700	730	4.3%	74
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$42,680	\$63,640	\$74,130	880	950	8.0%	84
49-3021	Automotive Body & Related Repairers	LT OJT	\$23,390	\$40,720	\$49,380	370	410	10.8%	40
49-3023	Automotive Service Technicians & Mechanics	PS	\$28,090	\$39,050	\$44,530	1,540	1,630	5.8%	154
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	\$30,780	\$42,740	\$48,730	690	760	10.1%	70
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$30,270	\$41,790	\$47,560	770	860	11.7%	87
49-9041	Industrial Machinery Mechanics	LT OJT	\$38,440	\$50,990	\$57,270	920	1,010	9.8%	91
49-9043	Maintenance Workers, Machinery	LT OJT	\$35,740	\$45,010	\$49,640	410	460	12.2%	49
49-9071	Maintenance & Repair Workers, General	MT OJT	\$25,550	\$39,770	\$46,880	3,820	4,080	6.8%	407
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$38,240	\$55,940	\$64,790	1,350	1,400	3.7%	137
51-2022	Electrical & Electronic Equipment Assemblers	MT OJT	\$26,220	\$33,830	\$37,630	680	570	-16.2%	62
51-2092	Team Assemblers	MT OJT	\$24,980	\$33,110	\$37,170	3,230	2,880	-10.8%	316
51-4011	CNC Machine Tool Operators	MT OJT	\$26,210	\$38,810	\$45,110	420	450	7.1%	45
51-4041	Machinists	LT OJT	\$31,830	\$45,530	\$52,370	660	680	3.0%	69
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$31,520	\$40,110	\$44,410	1,070	1,140	6.5%	123
	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$29,750	\$40,720	\$46,200	960	880	-8.3%	101
51-9111	Packaging & Filling Machine Oprs/Tenders	MT OJT	\$23,790	\$33,910	\$38,970	1,250	1,270	1.6%	146
51-9121	Coating, Painting, & Spraying Machine Setters/Oprs/Tenders	MT OJT	\$28,970	\$36,860	\$40,810		570	11.8%	61
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	\$31,810	\$45,230	\$51,940	4,630	5,010	8.2%	545
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$31,120	\$39,670	\$43,940	920	970	5.4%	109

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 req 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.



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Code	SOC Title	Attainment	Level	Average	Level	2016	2026	Change	Demand

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 re 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 d

For questions about this HPO list or to get information for other occupations, please contact William Berry, Advance Central PA Research Analyst, at <a href="https://www.webs.com/www.webs

(570) 568-6868