

2016 High Priority Occupations for Berks County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
11-1021	General & Operations Managers	BD+	\$57,770	\$120,160	\$151,350	1,900	2,070	8.9%	52
11-2022	Sales Managers	BD+	\$73,160	\$119,720	\$142,990	290	280	-3.4%	6
11-9151	Social & Community Service Managers	BD+	\$40,680	\$82,040	\$102,730	110	120	9.1%	3
13-1023	Purchasing Agents	BD+	\$39,770	\$57,360	\$66,150	390	410	5.1%	10
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	\$47,310	\$66,700	\$76,390	270	280	3.7%	7
13-1051	Cost Estimators	BD	\$48,280	\$69,850	\$80,630	350	420	20.0%	18
13-1081	Logisticians	BD	\$48,920	\$68,590	\$78,420	80	100	25.0%	3
13-1151	Training & Development Specialists	BD+	\$42,570	\$65,500	\$76,960	150	170	13.3%	5
13-1161	Market Research Analysts & Marketing Specialists	BD	\$33,220	\$69,140	\$87,100	500	620	24.0%	20
13-2011	Accountants & Auditors	BD	\$48,120	\$67,690	\$77,480	1,530	1,610	5.2%	53
13-2051	Financial Analysts	BD	\$41,740	\$67,860	\$80,920	190	200	5.3%	6
13-2071	Credit Counselors	BD	\$39,700	\$34,330	\$42,380	10	10	0.0%	0
15-1121	Computer Systems Analysts	BD	\$60,250	\$86,930	\$100,270	430	530	23.3%	17
15-1131	Computer Programmers	BD	\$60,040	\$78,930	\$88,380	170	180	5.9%	5
15-1132	Software Developers, Applications	BD	\$63,820	\$93,300	\$108,030	260	270	3.8%	4
15-1133	Software Developers, Systems Software	BD	\$63,600	\$99,730	\$117,800	110	120	9.1%	2
15-1142	Network & Computer Systems Administrators	BD	\$46,090	\$72,380	\$85,530	330	340	3.0%	6
15-1151	Computer User Support Specialists	PS	\$34,640	\$51,780	\$60,350	490	570	16.3%	16
15-1152	Computer Network Support Specialists	AD	\$38,230	\$55,480	\$64,100	130	120	-7.7%	2
17-2051	Civil Engineers	BD	\$67,700	\$98,940	\$114,560	330	410	24.2%	17
17-2072	Electronics Engineers	BD	\$55,990	\$72,440	\$80,670	90	70	-22.2%	2
17-2112	Industrial Engineers	BD	\$50,240	\$76,050	\$88,950	490	580	18.4%	23
17-2141	Mechanical Engineers	BD	\$55,420	\$85,040	\$99,850	290	310	6.9%	13
17-3024	Electro-Mechanical Technicians	AD	N/A	N/A	N/A	0	0	0.0%	0
17-3026	Industrial Engineering Technicians	AD	\$38,580	\$48,860	\$54,010	100	100	0.0%	3
19-4021	Biological Technicians	BD	N/A	N/A	N/A	90	110	22.2%	5
21-1011	Substance Abuse & Behavioral Disorder Counselors	BD	\$36,360	\$48,470	\$54,520	180	210	16.7%	7
21-1012	Educational, Guidance, School & Vocational Counselors	MD	\$36,610	\$58,450	\$69,380	330	350	6.1%	9
21-1015	Rehabilitation Counselors	MD	\$31,060	\$46,260	\$53,850	310	340	9.7%	10
21-1021	Child, Family & School Social Workers	BD	\$31,390	\$42,360	\$47,850	510	530	3.9%	13
21-1022	Healthcare Social Workers	MD	\$39,210	\$52,310	\$58,860	190	220	15.8%	7
21-1023	Mental Health & Substance Abuse Social Workers	BD	\$25,450	\$34,740	\$39,390	190	240	26.3%	8
21-1091	Health Educators	BD	\$33,330	\$49,080	\$56,960	90	100	11.1%	3
21-1093	Social & Human Service Assistants	ST OJT	\$23,910	\$31,610	\$35,470	620	660	6.5%	20
23-2011	Paralegals & Legal Assistants	AD	\$32,230	\$47,840	\$55,650	150	180	20.0%	5
25-2032	Career/Technical Education Teachers, Secondary School	BD+	\$48,300	\$59,880	\$65,670	210	220	4.8%	8

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			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
25-3021	Self-Enrichment Education Teachers	WK EXP	\$17,000	\$27,690	\$33,030	370	390	5.4%	8
27-2022	Coaches & Scouts	BD	\$21,250	\$37,410	\$45,500	390	440	12.8%	17
29-1051	Pharmacists	PROF	\$94,000	\$116,820	\$128,230	230	250	8.7%	7
29-1071	Physician Assistants	MD	\$77,300	\$104,130	\$117,540	130	150	15.4%	4
29-1126	Respiratory Therapists	AD	\$43,570	\$54,980	\$60,690	120	150	25.0%	5
29-1141	Registered Nurses	BD	\$52,490	\$61,680	\$66,270	3,740	4,620	23.5%	160
29-1171	Nurse Practitioners	MD	\$78,150	\$92,760	\$100,070	160	200	25.0%	7
29-2011	Medical & Clinical Laboratory Technologists	BD	N/A	N/A	N/A	240	260	8.3%	8
29-2012	Medical & Clinical Laboratory Technicians	AD	\$28,250	\$36,780	\$41,040	130	150	15.4%	5
29-2021	Dental Hygienists	AD	\$56,680	\$67,350	\$72,690	260	320	23.1%	13
29-2031	Cardiovascular Technologists & Technicians	AD	\$38,080	\$54,810	\$63,180	110	150	36.4%	6
29-2032	Diagnostic Medical Sonographers	AD	\$42,680	\$58,750	\$66,780	20	30	50.0%	1
29-2034	Radiologic Technologists	AD	\$42,930	\$58,810	\$66,750	270	310	14.8%	8
29-2041	Emergency Medical Technicians & Paramedics	PS	\$23,280	\$30,640	\$34,320	360	450	25.0%	19
29-2052	Pharmacy Technicians	MT OJT	\$18,890	\$26,130	\$29,750	400	440	10.0%	8
29-2055	Surgical Technologists	PS	\$32,250	\$40,690	\$44,920	110	140	27.3%	4
29-2056	Veterinary Technologists & Technicians	AD	\$27,580	\$34,560	\$38,050	110	130	18.2%	3
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$37,050	\$44,760	\$48,610	1,280	1,590	24.2%	62
29-2071	Medical Records & Health Information Technicians	PS	\$28,820	\$44,380	\$52,160	210	270	28.6%	12
29-2081	Opticians, Dispensing	LT OJT	\$31,190	\$45,410	\$52,520	80	90	12.5%	3
31-1014	Nursing Assistants	PS	\$21,270	\$27,380	\$30,430	2,060	2,260	9.7%	60
31-2011	Occupational Therapy Assistants	AD	\$43,140	\$51,980	\$56,400	80	110	37.5%	5
31-2021	Physical Therapist Assistants	AD	\$34,500	\$48,230	\$55,100	170	230	35.3%	10
31-9011	Massage Therapists	PS	\$29,330	\$24,490	\$31,740	110	130	18.2%	3
31-9091	Dental Assistants	PS	\$27,650	\$35,240	\$39,040	330	370	12.1%	12
31-9092	Medical Assistants	PS	\$24,830	\$29,490	\$31,830	600	700	16.7%	22
31-9097	Phlebotomists	PS	\$29,020	\$34,550	\$37,310	260	310	19.2%	10
35-1011	Chefs & Head Cooks	WK EXP	\$31,280	\$47,260	\$55,250	140	150	7.1%	3
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$25,470	\$38,370	\$44,820	840	930	10.7%	33
39-3011	Gaming Dealers	ST OJT	N/A	N/A	N/A	0	0	0.0%	0
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	\$23,120	\$33,720	\$39,020	300	340	13.3%	8
41-1011	Supervisors - Retail Sales Workers	WK EXP	\$28,410	\$44,210	\$52,110	1,890	1,900	0.5%	42
41-2021	Counter & Rental Clerks	ST OJT	\$17,300	\$23,830	\$27,100	550	620	12.7%	21
41-3011	Advertising Sales Agents	MT OJT	\$21,190	\$44,220	\$55,730	250	250	0.0%	8
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	\$31,350	\$70,220	\$89,660	180	190	5.6%	5
41-4011	Sales Representatives, Technical & Scientific Products	BD+	\$51,820	\$77,830	\$90,840	240	260	8.3%	7

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41-4012	Sales Representatives	MT OJT	\$38,930	\$69,960	\$85,480	2,090	2,260	8.1%	58
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$36,590	\$59,520	\$70,980	1,540	1,650	7.1%	47
43-3011	Bill & Account Collectors	MT OJT	\$25,550	\$37,090	\$42,860	370	440	18.9%	17
43-3021	Billing & Posting Clerks	MT OJT	\$25,660	\$36,560	\$42,010	740	820	10.8%	22
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	\$26,010	\$37,860	\$43,780	2,370	2,590	9.3%	44
43-4011	Brokerage Clerks	MT OJT	N/A	N/A	N/A	10	10	0.0%	0
43-4051	Customer Service Representatives	ST OJT	\$23,460	\$34,860	\$40,560	2,720	2,940	8.1%	96
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	\$18,550	\$23,240	\$25,590	230	250	8.7%	14
43-5011	Cargo & Freight Agents	ST OJT	\$34,500	\$41,810	\$45,460	40	50	25.0%	2
43-5032	Dispatchers	MT OJT	\$27,560	\$45,540	\$54,520	260	290	11.5%	11
43-5061	Production, Planning & Expediting Clerks	MT OJT	\$30,850	\$43,860	\$50,360	560	600	7.1%	18
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	\$24,170	\$33,900	\$38,760	760	770	1.3%	22
43-6012	Legal Secretaries	MT OJT	\$22,560	\$41,120	\$50,390	250	250	0.0%	3
43-6013	Medical Secretaries	MT OJT	\$26,410	\$34,220	\$38,120	690	860	24.6%	25
43-6014	Secretaries	ST OJT	\$23,720	\$34,030	\$39,190	3,090	3,360	8.7%	64
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	\$29,790	\$42,540	\$48,910	410	420	2.4%	13
43-9061	Office Clerks, General	ST OJT	\$21,750	\$34,290	\$40,570	3,980	4,090	2.8%	95
45-1011	Farm & Forestry Worker Supervisors	WK EXP	\$33,610	\$48,590	\$56,080	70	60	-14.3%	1
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	\$49,980	\$65,970	\$73,970	440	520	18.2%	14
47-2021	Brickmasons & Blockmasons	LT OJT	\$42,820	\$53,520	\$58,870	110	130	18.2%	3
47-2031	Carpenters	LT OJT	\$31,510	\$44,780	\$51,420	1,460	1,740	19.2%	46
47-2051	Cement Masons & Concrete Finishers	MT OJT	\$33,750	\$44,330	\$49,610	160	190	18.8%	5
47-2061	Construction Laborers	ST OJT	\$27,090	\$36,570	\$41,320	860	1,060	23.3%	38
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	\$34,500	\$43,410	\$47,870	510	580	13.7%	18
47-2111	Electricians	LT OJT	\$37,280	\$58,240	\$68,720	830	970	16.9%	31
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$44,840	\$61,440	\$69,750	660	800	21.2%	22
47-2211	Sheet Metal Workers	LT OJT	\$34,270	\$54,320	\$64,350	180	200	11.1%	5
47-2221	Structural Iron & Steel Workers	LT OJT	\$31,380	\$43,620	\$49,740	40	40	0.0%	1
47-4011	Construction & Building Inspectors	WK EXP	\$28,750	\$49,640	\$60,080	130	150	15.4%	5
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	N/A	N/A	N/A	0	0	0.0%	0
47-5071	Roustabouts, Oil & Gas	MT OJT	N/A	N/A	N/A	0	0	0.0%	0
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$48,240	\$70,370	\$81,440	510	560	9.8%	19
49-2098	Security & Fire Alarm Systems Installers	MT OJT	\$36,680	\$50,640	\$57,610	100	110	10.0%	3
49-3021	Automotive Body & Related Repairers	LT OJT	\$24,020	\$40,130	\$48,190	350	390	11.4%	11
49-3023	Automotive Service Technicians & Mechanics	PS	\$21,540	\$39,400	\$48,340	1,050	1,170	11.4%	39
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	\$33,620	\$46,160	\$52,420	420	460	9.5%	13

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49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	\$17,310	\$32,710	\$40,400	80	90	12.5%	3
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$30,890	\$43,930	\$50,450	280	320	14.3%	11
49-9041	Industrial Machinery Mechanics	LT OJT	\$40,120	\$52,360	\$58,480	800	1,030	28.8%	46
49-9043	Maintenance Workers, Machinery	MT OJT	N/A	N/A	N/A	180	210	16.7%	5
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	\$57,840	\$72,990	\$80,560	50	60	20.0%	2
49-9052	Telecommunications Line Installers & Repairers	LT OJT	\$53,530	\$67,640	\$74,700	90	120	33.3%	4
49-9071	Maintenance & Repair Workers, General	LT OJT	\$25,830	\$39,510	\$46,340	2,150	2,300	7.0%	56
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$40,640	\$54,220	\$61,010	1,400	1,450	3.6%	25
51-2092	Team Assemblers	MT OJT	\$22,790	\$31,430	\$35,750	3,210	3,480	8.4%	78
51-3021	Butchers & Meat Cutters	LT OJT	\$22,110	\$29,760	\$33,590	120	130	8.3%	5
51-3092	Food Batchmakers	MT OJT	\$21,820	\$29,660	\$33,590	280	290	3.6%	10
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	\$26,000	\$37,940	\$43,910	460	570	23.9%	24
51-4012	CNC Machine Tool Programmers, Metal & Plastic	LT OJT	\$44,540	\$50,370	\$53,290	60	80	33.3%	4
51-4033	Grinding, Lapping, Polishing & Buffing Machine Operators, Metal & Plastic	MT OJT	N/A	N/A	N/A	390	380	-2.6%	9
51-4041	Machinists	LT OJT	\$24,730	\$37,770	\$44,290	1,000	1,120	12.0%	35
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	\$32,800	\$42,500	\$47,340	330	340	3.0%	6
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$31,610	\$43,110	\$48,860	680	710	4.4%	20
51-5112	Printing Press Operators	MT OJT	\$32,310	\$45,800	\$52,550	270	230	-14.8%	5
51-5113	Print Binding & Finishing Workers	ST OJT	\$26,030	\$35,450	\$40,160	60	40	-33.3%	1
51-9011	Chemical Equipment Operators & Tenders	MT OJT	\$24,340	\$37,970	\$44,780	120	120	0.0%	4
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$26,960	\$39,500	\$45,780	860	940	9.3%	27
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	\$20,050	\$30,350	\$35,500	600	590	-1.7%	14
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	\$41,970	\$57,910	\$65,880	230	260	13.0%	9
53-3031	Driver/Sales Workers	ST OJT	\$16,740	\$28,880	\$34,960	320	350	9.4%	8
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	\$32,890	\$43,430	\$48,690	2,830	3,310	17.0%	92
53-3033	Light Truck or Delivery Services Drivers	ST OJT	\$17,910	\$31,570	\$38,400	1,250	1,350	8.0%	29
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$25,760	\$39,240	\$45,990	1,100	1,100	0.0%	25

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.

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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.

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11-2022	Sales Managers	BD+	\$74,280	\$141,770	\$175,510	460	480	4.3%	12
11-9151	Social & Community Service Managers	BD+	\$42,710	\$63,710	\$74,210	320	350	9.4%	10
13-1023	Purchasing Agents	BD+	\$40,940	\$63,330	\$74,520	610	640	4.9%	14
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	\$38,200	\$51,410	\$58,020	320	380	18.8%	13
13-1051	Cost Estimators	BD	\$47,320	\$67,040	\$76,910	760	890	17.1%	37
13-1081	Logisticians	BD	\$60,470	\$78,500	\$87,510	80	100	25.0%	3
13-1151	Training & Development Specialists	BD+	\$44,920	\$63,700	\$73,090	340	370	8.8%	9
13-1161	Market Research Analysts & Marketing Specialists	BD	\$35,910	\$73,230	\$91,890	820	1,100	34.1%	38
13-2011	Accountants & Auditors	BD	\$45,270	\$69,730	\$81,960	2,600	2,820	8.5%	99
13-2051	Financial Analysts	BD	\$46,380	\$66,060	\$75,900	290	340	17.2%	12
13-2071	Credit Counselors	BD	N/A	N/A	N/A	20	20	0.0%	0
15-1121	Computer Systems Analysts	BD	\$54,540	\$81,920	\$95,620	380	520	36.8%	20
15-1131	Computer Programmers	BD	\$53,530	\$79,940	\$93,150	650	800	23.1%	32
15-1132	Software Developers, Applications	BD	\$45,440	\$86,670	\$107,280	450	600	33.3%	22
15-1133	Software Developers, Systems Software	BD	\$72,520	\$93,210	\$103,560	500	660	32.0%	23
15-1142	Network & Computer Systems Administrators	BD	\$59,970	\$83,270	\$94,910	580	660	13.8%	17
15-1151	Computer User Support Specialists	PS	\$31,420	\$48,300	\$56,740	570	660	15.8%	18
15-1152	Computer Network Support Specialists	AD	\$48,080	\$61,180	\$67,730	110	120	9.1%	3
17-2051	Civil Engineers	BD	\$51,340	\$78,150	\$91,550	330	410	24.2%	16
17-2072	Electronics Engineers	BD	\$69,020	\$94,800	\$107,690	180	190	5.6%	5
17-2112	Industrial Engineers	BD	\$59,730	\$89,720	\$104,720	360	390	8.3%	14
17-2141	Mechanical Engineers	BD	\$47,940	\$76,320	\$90,500	700	750	7.1%	29
17-3024	Electro-Mechanical Technicians	AD	N/A	N/A	N/A	10	10	0.0%	0
17-3026	Industrial Engineering Technicians	AD	\$38,360	\$59,430	\$69,960	60	60	0.0%	1
19-4021	Biological Technicians	BD	\$33,350	\$46,780	\$53,490	160	160	0.0%	5
21-1011	Substance Abuse & Behavioral Disorder Counselors	BD	\$32,160	\$43,510	\$49,190	430	530	23.3%	19
21-1012	Educational, Guidance, School & Vocational Counselors	MD	\$46,010	\$65,540	\$75,300	530	570	7.5%	15
21-1015	Rehabilitation Counselors	MD	\$24,600	\$36,910	\$43,070	220	250	13.6%	8
21-1021	Child, Family & School Social Workers	BD	\$25,960	\$38,650	\$44,990	580	640	10.3%	17
21-1022	Healthcare Social Workers	MD	\$40,530	\$52,240	\$58,090	200	250	25.0%	9
21-1023	Mental Health & Substance Abuse Social Workers	BD	\$28,290	\$42,380	\$49,420	610	680	11.5%	20
21-1091	Health Educators	BD	\$43,020	\$68,350	\$81,020	120	160	33.3%	6
21-1093	Social & Human Service Assistants	ST OJT	\$23,130	\$35,250	\$41,310	850	930	9.4%	29
23-2011	Paralegals & Legal Assistants	AD	\$50,100	\$72,350	\$83,480	350	410	17.1%	12
25-2011	Preschool Teachers	AD	\$21,640	\$26,640	\$29,150	700	810	15.7%	30
25-2032	Career/Technical Education Teachers, Secondary School	BD+	\$52,880	\$76,310	\$88,030	40	40	0.0%	1

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			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
25-3021	Self-Enrichment Education Teachers	WK EXP	\$22,630	\$37,880	\$45,500	790	810	2.5%	16
25-9041	Teacher Assistants	PS	\$18,540	\$26,830	\$30,980	1,840	1,950	6.0%	53
27-1014	Multimedia Artists & Animators	BD	\$39,200	\$51,460	\$57,600	30	30	0.0%	1
27-1024	Graphic Designers	BD	\$34,630	\$54,580	\$64,560	550	560	1.8%	16
27-2022	Coaches & Scouts	BD	\$18,520	\$23,620	\$26,180	320	340	6.3%	12
29-1051	Pharmacists	PROF	\$100,040	\$114,780	\$122,150	620	680	9.7%	21
29-1071	Physician Assistants	MD	N/A	N/A	N/A	180	190	5.6%	4
29-1126	Respiratory Therapists	AD	\$50,650	\$60,780	\$65,840	490	590	20.4%	17
29-1141	Registered Nurses	BD	\$54,960	\$75,060	\$85,110	5,920	7,140	20.6%	238
29-1171	Nurse Practitioners	MD	\$83,700	\$95,910	\$102,010	160	200	25.0%	7
29-2011	Medical & Clinical Laboratory Technologists	BD	\$47,740	\$63,870	\$71,940	290	320	10.3%	11
29-2012	Medical & Clinical Laboratory Technicians	AD	\$32,480	\$44,100	\$49,920	340	370	8.8%	12
29-2021	Dental Hygienists	AD	\$70,480	\$73,040	\$74,320	740	870	17.6%	33
29-2031	Cardiovascular Technologists & Technicians	AD	\$35,180	\$53,010	\$61,920	130	170	30.8%	6
29-2032	Diagnostic Medical Sonographers	AD	\$60,540	\$73,760	\$80,370	140	190	35.7%	8
29-2034	Radiologic Technologists	AD	\$50,570	\$61,370	\$66,770	840	1,050	25.0%	33
29-2041	Emergency Medical Technicians & Paramedics	PS	\$27,690	\$29,020	\$29,690	560	720	28.6%	32
29-2052	Pharmacy Technicians	MT OJT	\$20,760	\$26,870	\$29,930	780	870	11.5%	18
29-2055	Surgical Technologists	PS	\$34,670	\$45,370	\$50,720	100	130	30.0%	4
29-2056	Veterinary Technologists & Technicians	AD	N/A	N/A	N/A	250	320	28.0%	9
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$41,350	\$50,520	\$55,100	1,130	1,350	19.5%	50
29-2071	Medical Records & Health Information Technicians	PS	\$27,310	\$38,930	\$44,750	250	290	16.0%	11
29-2081	Opticians, Dispensing	LT OJT	\$22,060	\$22,580	\$22,850	30	40	33.3%	2
31-1014	Nursing Assistants	PS	\$25,720	\$30,330	\$32,640	2,750	3,300	20.0%	107
31-2011	Occupational Therapy Assistants	AD	\$40,160	\$46,250	\$49,300	70	80	14.3%	4
31-2021	Physical Therapist Assistants	AD	\$28,380	\$44,980	\$53,280	180	240	33.3%	10
31-9091	Dental Assistants	PS	\$32,200	\$43,330	\$48,890	950	1,050	10.5%	30
31-9092	Medical Assistants	PS	\$22,290	\$31,470	\$36,060	780	880	12.8%	25
31-9097	Phlebotomists	PS	\$26,850	\$31,340	\$33,580	190	240	26.3%	8
35-1011	Chefs & Head Cooks	WK EXP	\$28,030	\$32,820	\$35,210	90	90	0.0%	2
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$26,080	\$39,330	\$45,960	1,350	1,540	14.1%	57
39-3011	Gaming Dealers	ST OJT	N/A	N/A	N/A	700	710	1.4%	13
39-9011	Childcare Workers	ST OJT	\$16,970	\$21,640	\$23,980	3,180	3,550	11.6%	131
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	\$17,880	\$34,890	\$43,390	1,070	1,170	9.3%	23
41-1011	Supervisors - Retail Sales Workers	WK EXP	\$29,240	\$46,380	\$54,960	3,030	3,000	-1.0%	66
41-2021	Counter & Rental Clerks	ST OJT	\$25,110	\$42,440	\$51,100	650	690	6.2%	20

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			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
41-3011	Advertising Sales Agents	MT OJT	\$23,680	\$65,430	\$86,310	490	490	0.0%	15
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	\$35,840	\$91,340	\$119,100	660	690	4.5%	18
41-4011	Sales Representatives, Technical & Scientific Products	BD+	\$35,900	\$83,650	\$107,520	410	400	-2.4%	8
41-4012	Sales Representatives	MT OJT	\$37,800	\$78,850	\$99,370	5,420	5,510	1.7%	115
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$38,100	\$59,680	\$70,480	2,460	2,650	7.7%	77
43-3011	Bill & Account Collectors	MT OJT	\$25,300	\$36,060	\$41,440	1,010	1,110	9.9%	39
43-3021	Billing & Posting Clerks	MT OJT	\$27,100	\$37,290	\$42,390	1,190	1,340	12.6%	37
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	\$26,380	\$39,650	\$46,290	3,570	3,860	8.1%	62
43-4011	Brokerage Clerks	MT OJT	\$32,190	\$41,050	\$45,470	100	80	-20.0%	3
43-4051	Customer Service Representatives	ST OJT	\$24,540	\$36,130	\$41,920	4,350	4,870	12.0%	170
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	\$16,950	\$21,400	\$23,620	260	280	7.7%	14
43-5011	Cargo & Freight Agents	ST OJT	N/A	N/A	N/A	130	160	23.1%	7
43-5032	Dispatchers	MT OJT	\$20,590	\$37,910	\$46,570	260	280	7.7%	9
43-5061	Production, Planning & Expediting Clerks	MT OJT	\$35,910	\$50,440	\$57,700	700	730	4.3%	20
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	\$21,410	\$32,470	\$38,000	1,640	1,640	0.0%	44
43-6012	Legal Secretaries	MT OJT	\$33,600	\$47,700	\$54,750	530	510	-3.8%	6
43-6013	Medical Secretaries	MT OJT	\$27,050	\$35,450	\$39,660	1,190	1,490	25.2%	44
43-6014	Secretaries	ST OJT	\$23,840	\$36,740	\$43,190	5,260	5,810	10.5%	118
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	\$31,260	\$42,470	\$48,070	80	90	12.5%	3
43-9061	Office Clerks, General	ST OJT	\$19,460	\$31,610	\$37,690	6,140	6,310	2.8%	146
45-1011	Farm & Forestry Worker Supervisors	WK EXP	N/A	N/A	N/A	30	30	0.0%	1
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	\$53,790	\$80,570	\$93,950	800	960	20.0%	25
47-2021	Brickmasons & Blockmasons	LT OJT	\$41,090	\$48,930	\$52,850	180	230	27.8%	7
47-2031	Carpenters	LT OJT	\$30,120	\$50,470	\$60,640	3,300	4,000	21.2%	111
47-2051	Cement Masons & Concrete Finishers	MT OJT	\$37,320	\$47,200	\$52,140	230	270	17.4%	7
47-2061	Construction Laborers	ST OJT	\$21,710	\$37,410	\$45,260	1,560	1,840	17.9%	61
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	\$39,670	\$55,450	\$63,340	720	830	15.3%	28
47-2111	Electricians	LT OJT	\$45,490	\$71,600	\$84,660	1,370	1,560	13.9%	45
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$36,300	\$67,310	\$82,820	1,120	1,300	16.1%	32
47-2211	Sheet Metal Workers	LT OJT	\$28,810	\$50,850	\$61,870	480	520	8.3%	13
47-2221	Structural Iron & Steel Workers	LT OJT	\$37,530	\$64,470	\$77,940	50	50	0.0%	2
47-4011	Construction & Building Inspectors	WK EXP	\$29,350	\$49,650	\$59,800	160	180	12.5%	6
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	N/A	N/A	N/A	0	0	0.0%	0
47-5071	Roustabouts, Oil & Gas	MT OJT	N/A	N/A	N/A	0	0	0.0%	0
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$50,770	\$71,140	\$81,320	610	640	4.9%	20
49-2098	Security & Fire Alarm Systems Installers	MT OJT	N/A	N/A	N/A	130	140	7.7%	4

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49-3021	Automotive Body & Related Repairers	LT OJT	\$31,260	\$51,700	\$61,920	550	580	5.5%	14
49-3023	Automotive Service Technicians & Mechanics	PS	\$28,670	\$43,860	\$51,450	2,510	2,590	3.2%	72
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	\$32,550	\$45,990	\$52,710	330	360	9.1%	9
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	N/A	N/A	N/A	50	50	0.0%	1
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$32,100	\$52,400	\$62,560	890	1,000	12.4%	33
49-9041	Industrial Machinery Mechanics	LT OJT	\$35,860	\$47,560	\$53,410	890	1,100	23.6%	46
49-9043	Maintenance Workers, Machinery	MT OJT	\$34,560	\$50,660	\$58,720	130	150	15.4%	3
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	\$51,460	\$71,880	\$82,100	40	60	50.0%	3
49-9052	Telecommunications Line Installers & Repairers	LT OJT	\$54,920	\$66,220	\$71,870	270	270	0.0%	6
49-9071	Maintenance & Repair Workers, General	LT OJT	\$25,120	\$39,650	\$46,920	2,690	2,920	8.6%	75
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$43,680	\$63,520	\$73,430	1,370	1,370	0.0%	19
51-2092	Team Assemblers	MT OJT	\$24,060	\$32,020	\$36,000	1,270	1,250	-1.6%	20
51-3021	Butchers & Meat Cutters	LT OJT	\$21,930	\$28,890	\$32,360	490	500	2.0%	14
51-3092	Food Batchmakers	MT OJT	\$24,200	\$33,000	\$37,400	140	160	14.3%	7
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	\$27,320	\$41,220	\$48,160	150	180	20.0%	7
51-4012	CNC Machine Tool Programmers, Metal & Plastic	LT OJT	\$43,090	\$54,470	\$60,150	30	40	33.3%	2
51-4033	Grinding, Lapping, Polishing & Buffing Machine Operators, Metal & Plastic	MT OJT	\$24,300	\$35,460	\$41,040	100	100	0.0%	2
51-4041	Machinists	LT OJT	\$30,060	\$44,760	\$52,110	1,220	1,320	8.2%	39
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	\$20,880	\$33,880	\$40,380	310	280	-9.7%	6
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$31,710	\$42,660	\$48,140	520	520	0.0%	14
51-5112	Printing Press Operators	MT OJT	\$27,400	\$39,170	\$45,050	630	590	-6.3%	11
51-5113	Print Binding & Finishing Workers	ST OJT	\$25,990	\$39,170	\$45,760	310	280	-9.7%	5
51-9011	Chemical Equipment Operators & Tenders	MT OJT	\$28,280	\$44,560	\$52,700	450	440	-2.2%	16
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$26,260	\$39,920	\$46,750	1,230	1,270	3.3%	31
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	\$21,740	\$34,280	\$40,550	790	730	-7.6%	19
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	\$41,980	\$61,760	\$71,650	300	320	6.7%	10
53-3031	Driver/Sales Workers	ST OJT	N/A	N/A	N/A	700	720	2.9%	13
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	\$35,060	\$45,040	\$50,030	2,770	2,990	7.9%	67
53-3033	Light Truck or Delivery Services Drivers	ST OJT	\$20,850	\$32,180	\$37,840	1,630	1,680	3.1%	31
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$31,410	\$39,280	\$43,220	490	460	-6.1%	11

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.

2016 High Priority Occupations for Bucks County Workforce Development Area

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			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings

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.

2016 High Priority Occupations for Central Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
11-1021	General & Operations Managers	BD+	\$48,210	\$100,240	\$126,260	2,400	2,630	9.6%	68
11-2022	Sales Managers	BD+	\$64,690	\$124,560	\$154,490	300	310	3.3%	7
11-9013	Farmers, Ranchers & Other Agricultural Managers	WK EXP	N/A	N/A	N/A	3,730	3,370	-9.7%	60
11-9151	Social & Community Service Managers	BD+	\$38,890	\$59,600	\$69,960	280	340	21.4%	11
13-1023	Purchasing Agents	BD+	\$38,030	\$54,610	\$62,900	680	720	5.9%	16
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	\$53,380	\$72,240	\$81,680	170	170	0.0%	4
13-1051	Cost Estimators	BD	\$40,030	\$56,060	\$64,070	410	500	22.0%	21
13-1081	Logisticians	BD	\$47,080	\$68,420	\$79,090	170	210	23.5%	6
13-1111	Management Analysts	BD+	\$34,070	\$76,550	\$97,790	580	650	12.1%	16
13-1151	Training & Development Specialists	BD+	\$37,040	\$55,500	\$64,730	350	390	11.4%	10
13-1161	Market Research Analysts & Marketing Specialists	BD	\$33,650	\$57,940	\$70,080	640	820	28.1%	27
13-2011	Accountants & Auditors	BD	\$40,470	\$65,330	\$77,760	1,610	1,770	9.9%	64
13-2051	Financial Analysts	BD	\$47,450	\$69,540	\$80,580	130	150	15.4%	5
15-1121	Computer Systems Analysts	BD	\$63,430	\$95,640	\$111,750	230	290	26.1%	10
15-1131	Computer Programmers	BD	\$44,470	\$71,590	\$85,160	350	370	5.7%	11
15-1132	Software Developers, Applications	BD	\$56,990	\$97,180	\$117,270	330	420	27.3%	13
15-1133	Software Developers, Systems Software	BD	\$63,850	\$93,500	\$108,320	150	180	20.0%	5
15-1142	Network & Computer Systems Administrators	BD	\$48,040	\$67,480	\$77,200	490	520	6.1%	12
15-1151	Computer User Support Specialists	PS	\$32,450	\$48,200	\$56,080	830	970	16.9%	27
15-1152	Computer Network Support Specialists	AD	\$40,260	\$57,680	\$66,380	70	80	14.3%	2
17-2051	Civil Engineers	BD	\$52,340	\$73,890	\$84,670	370	440	18.9%	15
17-2072	Electronics Engineers	BD	\$45,080	\$85,220	\$105,300	310	340	9.7%	10
17-2112	Industrial Engineers	BD	\$49,470	\$74,580	\$87,140	740	850	14.9%	33
17-2141	Mechanical Engineers	BD	\$49,540	\$77,600	\$91,630	2,100	2,310	10.0%	92
17-3023	Electrical & Electronic Engineering Technicians	AD	\$35,640	\$47,660	\$53,670	330	350	6.1%	9
17-3024	Electro-Mechanical Technicians	AD	N/A	N/A	N/A	150	130	-13.3%	3
17-3026	Industrial Engineering Technicians	AD	\$43,120	\$30,680	\$49,340	120	130	8.3%	3
19-4021	Biological Technicians	BD	\$32,730	\$46,390	\$53,220	40	40	0.0%	1
21-1011	Substance Abuse & Behavioral Disorder Counselors	BD	\$27,660	\$45,170	\$53,930	450	560	24.4%	21
21-1012	Educational, Guidance, School & Vocational Counselors	MD	\$38,610	\$52,880	\$60,020	440	460	4.5%	11
21-1015	Rehabilitation Counselors	MD	\$23,890	\$42,240	\$51,410	530	600	13.2%	17
21-1021	Child, Family & School Social Workers	BD	\$26,040	\$39,150	\$45,710	630	750	19.0%	25
21-1022	Healthcare Social Workers	MD	\$37,960	\$47,600	\$52,420	400	520	30.0%	19
21-1023	Mental Health & Substance Abuse Social Workers	BD	\$23,790	\$36,890	\$43,440	510	610	19.6%	22
21-1091	Health Educators	BD	\$36,480	\$55,880	\$65,580	90	110	22.2%	4
21-1093	Social & Human Service Assistants	ST OJT	\$21,400	\$31,250	\$36,170	1,600	1,800	12.5%	62

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			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
23-2011	Paralegals & Legal Assistants	AD	\$28,780	\$40,050	\$45,680	210	240	14.3%	6
25-2032	Career/Technical Education Teachers, Secondary School	BD+	\$38,080	\$55,340	\$63,970	300	290	-3.3%	8
25-3021	Self-Enrichment Education Teachers	WK EXP	\$20,030	\$29,910	\$34,860	530	570	7.5%	12
27-2022	Coaches & Scouts	BD	\$17,080	\$37,960	\$48,410	700	790	12.9%	30
29-1051	Pharmacists	PROF	\$90,440	\$114,260	\$126,160	520	560	7.7%	16
29-1071	Physician Assistants	MD	\$67,540	\$90,130	\$101,430	220	240	9.1%	6
29-1126	Respiratory Therapists	AD	\$45,950	\$59,180	\$65,800	190	210	10.5%	5
29-1141	Registered Nurses	BD	\$43,060	\$59,040	\$67,020	5,770	6,720	16.5%	207
29-1171	Nurse Practitioners	MD	\$72,660	\$93,350	\$103,700	110	130	18.2%	4
29-2011	Medical & Clinical Laboratory Technologists	BD	\$42,150	\$57,580	\$65,300	340	350	2.9%	10
29-2012	Medical & Clinical Laboratory Technicians	AD	\$25,320	\$37,360	\$43,380	260	280	7.7%	9
29-2021	Dental Hygienists	AD	\$51,060	\$58,480	\$62,190	320	370	15.6%	14
29-2031	Cardiovascular Technologists & Technicians	AD	\$34,100	\$53,120	\$62,630	150	180	20.0%	6
29-2032	Diagnostic Medical Sonographers	AD	\$52,570	\$69,080	\$77,330	120	160	33.3%	6
29-2034	Radiologic Technologists	AD	\$40,180	\$56,500	\$64,670	240	290	20.8%	7
29-2041	Emergency Medical Technicians & Paramedics	PS	\$21,310	\$30,730	\$35,440	530	630	18.9%	24
29-2052	Pharmacy Technicians	MT OJT	\$19,740	\$28,790	\$33,320	590	640	8.5%	12
29-2055	Surgical Technologists	PS	\$33,660	\$42,910	\$47,530	250	320	28.0%	8
29-2056	Veterinary Technologists & Technicians	AD	\$25,770	\$32,470	\$35,820	220	270	22.7%	7
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$33,210	\$41,100	\$45,050	2,390	2,820	18.0%	101
29-2071	Medical Records & Health Information Technicians	PS	\$28,160	\$38,270	\$43,320	290	330	13.8%	12
29-2081	Opticians, Dispensing	LT OJT	\$26,820	\$34,780	\$38,760	120	130	8.3%	4
31-1014	Nursing Assistants	PS	\$22,620	\$27,600	\$30,090	3,520	3,840	9.1%	99
31-2011	Occupational Therapy Assistants	AD	\$39,660	\$48,220	\$52,500	60	70	16.7%	3
31-2021	Physical Therapist Assistants	AD	\$36,910	\$46,860	\$51,840	140	170	21.4%	6
31-9091	Dental Assistants	PS	\$25,120	\$30,540	\$33,250	500	550	10.0%	15
31-9097	Phlebotomists	PS	\$25,480	\$29,700	\$31,800	130	160	23.1%	5
33-3012	Correctional Officers & Jailers	MT OJT	\$37,330	\$51,330	\$58,330	1,220	1,240	1.6%	34
33-3051	Police & Sheriff's Patrol Officers	MT OJT	\$33,560	\$57,090	\$68,860	1,110	1,180	6.3%	42
35-1011	Chefs & Head Cooks	WK EXP	\$26,120	\$45,300	\$54,900	210	220	4.8%	5
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$22,140	\$33,790	\$39,620	1,500	1,650	10.0%	57
39-3011	Gaming Dealers	ST OJT	N/A	N/A	N/A	0	0	0.0%	0
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	\$17,020	\$26,490	\$31,220	600	650	8.3%	12
41-1011	Supervisors - Retail Sales Workers	WK EXP	\$25,110	\$40,570	\$48,300	2,620	2,620	0.0%	57
41-2021	Counter & Rental Clerks	ST OJT	\$17,090	\$24,760	\$28,590	850	920	8.2%	29
41-3011	Advertising Sales Agents	MT OJT	\$23,350	\$52,110	\$66,490	220	220	0.0%	7

2016 High Priority Occupations for Central Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	\$29,740	\$55,890	\$68,970	250	250	0.0%	6
41-4011	Sales Representatives, Technical & Scientific Products	BD+	\$47,900	\$94,130	\$117,250	170	170	0.0%	4
41-4012	Sales Representatives	MT OJT	\$33,380	\$60,800	\$74,510	2,750	2,900	5.5%	69
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$33,900	\$54,150	\$64,270	2,210	2,380	7.7%	69
43-3011	Bill & Account Collectors	MT OJT	\$25,980	\$36,540	\$41,830	560	670	19.6%	27
43-3021	Billing & Posting Clerks	MT OJT	\$25,240	\$32,680	\$36,390	1,200	1,370	14.2%	39
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	\$23,770	\$34,320	\$39,600	3,010	3,250	8.0%	52
43-4011	Brokerage Clerks	MT OJT	\$45,170	\$68,340	\$79,930	20	20	0.0%	0
43-4051	Customer Service Representatives	ST OJT	\$20,450	\$30,660	\$35,770	3,240	3,510	8.3%	114
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	\$17,150	\$20,990	\$22,910	570	610	7.0%	31
43-5011	Cargo & Freight Agents	ST OJT	\$22,290	\$40,290	\$49,290	20	30	50.0%	1
43-5032	Dispatchers	MT OJT	\$25,670	\$36,520	\$41,950	290	340	17.2%	12
43-5061	Production, Planning & Expediting Clerks	MT OJT	\$30,550	\$46,120	\$53,910	500	530	6.0%	15
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	\$24,620	\$34,250	\$39,070	1,150	1,150	0.0%	30
43-6011	Executive Secretaries & Executive Administrative Assistants	WK EXP	\$39,700	\$52,850	\$59,420	1,360	1,350	-0.7%	16
43-6012	Legal Secretaries	MT OJT	\$23,780	\$35,150	\$40,830	230	220	-4.3%	3
43-6013	Medical Secretaries	MT OJT	\$23,010	\$29,220	\$32,320	980	1,190	21.4%	34
43-6014	Secretaries	ST OJT	\$22,430	\$31,460	\$35,970	5,010	5,380	7.4%	97
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	\$30,880	\$38,000	\$41,550	50	60	20.0%	1
43-9061	Office Clerks, General	ST OJT	\$19,980	\$29,650	\$34,490	8,380	8,540	1.9%	193
45-1011	Farm & Forestry Worker Supervisors	WK EXP	\$32,950	\$50,960	\$59,960	280	280	0.0%	6
45-2092	Farmworkers & Laborers, Crop, Nursery & Greenhouse	ST OJT	\$17,020	\$25,780	\$30,160	4,280	4,130	-3.5%	130
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	\$41,890	\$62,740	\$73,170	1,040	1,200	15.4%	27
47-2021	Brickmasons & Blockmasons	LT OJT	\$38,250	\$52,960	\$60,320	180	230	27.8%	7
47-2031	Carpenters	LT OJT	\$27,110	\$37,330	\$42,440	3,220	3,760	16.8%	94
47-2051	Cement Masons & Concrete Finishers	MT OJT	\$26,700	\$42,160	\$49,900	130	150	15.4%	4
47-2061	Construction Laborers	ST OJT	\$24,070	\$31,510	\$35,230	2,120	2,500	17.9%	83
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	\$32,290	\$42,580	\$47,740	1,330	1,470	10.5%	44
47-2111	Electricians	LT OJT	\$29,220	\$43,490	\$50,630	960	1,090	13.5%	31
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$30,650	\$40,950	\$46,100	720	830	15.3%	21
47-2211	Sheet Metal Workers	LT OJT	\$32,560	\$44,200	\$50,010	300	330	10.0%	9
47-2221	Structural Iron & Steel Workers	LT OJT	\$40,780	\$47,510	\$50,870	90	100	11.1%	4
47-4011	Construction & Building Inspectors	WK EXP	\$38,880	\$50,710	\$56,620	310	340	9.7%	10
47-5011	Derrick Operators, Oil & Gas	ST OJT	N/A	N/A	N/A	120	130	8.3%	6
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	\$37,890	\$51,160	\$57,800	240	250	4.2%	11
47-5071	Roustabouts, Oil & Gas	MT OJT	\$26,990	\$38,570	\$44,360	130	150	15.4%	5

2016 High Priority Occupations for Central Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$41,450	\$60,770	\$70,430	600	640	6.7%	20
49-2098	Security & Fire Alarm Systems Installers	MT OJT	\$30,810	\$35,360	\$37,640	20	20	0.0%	0
49-3021	Automotive Body & Related Repairers	LT OJT	\$23,630	\$36,570	\$43,030	370	410	10.8%	10
49-3023	Automotive Service Technicians & Mechanics	PS	\$20,640	\$32,140	\$37,880	1,820	1,920	5.5%	56
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	\$28,920	\$40,920	\$46,920	810	930	14.8%	29
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	\$27,010	\$34,060	\$37,590	110	120	9.1%	4
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$27,920	\$38,900	\$44,390	580	660	13.8%	23
49-9041	Industrial Machinery Mechanics	LT OJT	\$34,630	\$46,070	\$51,780	910	1,110	22.0%	46
49-9043	Maintenance Workers, Machinery	MT OJT	\$38,930	\$29,880	\$43,450	400	450	12.5%	10
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	\$45,990	\$67,110	\$77,660	80	90	12.5%	4
49-9052	Telecommunications Line Installers & Repairers	LT OJT	\$39,620	\$58,780	\$68,350	390	460	17.9%	17
49-9071	Maintenance & Repair Workers, General	LT OJT	\$24,450	\$34,750	\$39,900	3,230	3,410	5.6%	80
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$36,820	\$56,270	\$65,990	1,490	1,500	0.7%	21
51-2092	Team Assemblers	MT OJT	\$30,910	\$22,940	\$34,890	1,950	2,060	5.6%	42
51-3021	Butchers & Meat Cutters	LT OJT	\$21,910	\$29,680	\$33,570	320	320	0.0%	8
51-3092	Food Batchmakers	MT OJT	\$18,750	\$31,610	\$38,040	490	470	-4.1%	16
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	\$25,170	\$33,600	\$37,820	290	340	17.2%	13
51-4012	CNC Machine Tool Programmers, Metal & Plastic	LT OJT	\$35,830	\$46,040	\$51,140	80	100	25.0%	4
51-4033	Grinding, Lapping, Polishing & Buffing Machine Operators, Metal & Plastic	MT OJT	\$26,350	\$33,730	\$37,420	180	170	-5.6%	4
51-4041	Machinists	LT OJT	\$29,200	\$42,020	\$48,420	710	790	11.3%	24
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	\$26,430	\$32,820	\$36,010	510	480	-5.9%	10
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$27,000	\$35,060	\$39,090	840	910	8.3%	28
51-4122	Welding, Soldering & Brazing Machine Setters, Operators & Tenders	MT OJT	\$28,000	\$34,860	\$38,290	70	80	14.3%	3
51-5112	Printing Press Operators	MT OJT	\$26,160	\$34,640	\$38,880	480	450	-6.3%	8
51-5113	Print Binding & Finishing Workers	ST OJT	\$24,690	\$32,970	\$37,100	60	50	-16.7%	1
51-8031	Water & Wastewater Treatment Plant & System Operators	LT OJT	\$30,280	\$50,530	\$60,660	500	550	10.0%	22
51-9011	Chemical Equipment Operators & Tenders	MT OJT	\$32,670	\$44,380	\$50,240	110	120	9.1%	5
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$26,950	\$38,890	\$44,860	1,100	1,160	5.5%	30
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	\$24,940	\$35,570	\$40,880	1,610	1,550	-3.7%	38
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	\$42,940	\$62,020	\$71,570	370	410	10.8%	14
53-3031	Driver/Sales Workers	ST OJT	\$17,150	\$25,910	\$30,290	830	890	7.2%	19
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	\$31,420	\$47,620	\$55,720	4,910	5,860	19.3%	174
53-3033	Light Truck or Delivery Services Drivers	ST OJT	\$18,570	\$31,080	\$37,330	2,130	2,220	4.2%	43
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$28,680	\$35,990	\$39,650	1,270	1,210	-4.7%	29
53-7071	Gas Compressor & Gas Pumping Station Operators	MT OJT	N/A	N/A	N/A	60	70	16.7%	3
53-7072	Pump Operators	MT OJT	\$20,340	\$26,730	\$29,920	140	140	0.0%	6

2016 High Priority Occupations for Central Workforce Development Area

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			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings

2016 High Priority Occupations for Central Workforce Development Area

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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.

2016 High Priority Occupations for Chester County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
11-2022	Sales Managers	BD+	\$107,170	\$176,810	\$211,630	660	720	9.1%	19
11-9151	Social & Community Service Managers	BD+	\$43,410	\$64,650	\$75,270	220	230	4.5%	6
13-1023	Purchasing Agents	BD+	\$44,300	\$67,800	\$79,550	650	690	6.2%	15
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	\$46,220	\$66,680	\$76,910	620	660	6.5%	18
13-1051	Cost Estimators	BD	\$44,230	\$66,850	\$78,160	750	910	21.3%	40
13-1081	Logisticians	BD	\$60,470	\$81,980	\$92,740	360	440	22.2%	12
13-1151	Training & Development Specialists	BD+	\$33,990	\$64,930	\$80,400	650	790	21.5%	25
13-1161	Market Research Analysts & Marketing Specialists	BD	\$47,360	\$83,810	\$102,030	1,460	1,930	32.2%	67
13-2011	Accountants & Auditors	BD	\$51,650	\$82,700	\$98,230	4,560	5,100	11.8%	189
13-2051	Financial Analysts	BD	\$52,830	\$90,650	\$109,560	670	770	14.9%	26
13-2071	Credit Counselors	BD	\$51,160	\$43,800	\$54,830	10	20	100.0%	0
15-1121	Computer Systems Analysts	BD	\$63,980	\$99,430	\$117,160	2,380	3,020	26.9%	101
15-1131	Computer Programmers	BD	\$63,830	\$97,480	\$114,310	1,380	1,590	15.2%	57
15-1132	Software Developers, Applications	BD	\$67,570	\$103,280	\$121,130	940	1,090	16.0%	27
15-1133	Software Developers, Systems Software	BD	\$74,280	\$102,800	\$117,060	2,360	2,810	19.1%	75
15-1141	Database Administrators	BD+	\$62,230	\$95,880	\$112,700	320	410	28.1%	15
15-1142	Network & Computer Systems Administrators	BD	\$55,100	\$78,320	\$89,920	1,640	1,900	15.9%	53
15-1151	Computer User Support Specialists	PS	\$34,690	\$57,920	\$69,540	2,000	2,550	27.5%	86
15-1152	Computer Network Support Specialists	AD	\$49,440	\$74,750	\$87,410	590	710	20.3%	21
17-2051	Civil Engineers	BD	\$50,880	\$83,080	\$99,170	830	1,040	25.3%	42
17-2071	Electrical Engineers	BD	\$61,300	\$85,670	\$97,850	220	250	13.6%	8
17-2072	Electronics Engineers	BD	\$65,720	\$94,540	\$108,950	250	290	16.0%	10
17-2112	Industrial Engineers	BD	\$65,000	\$89,380	\$101,570	470	510	8.5%	18
17-2141	Mechanical Engineers	BD	\$58,960	\$86,020	\$99,550	410	470	14.6%	19
17-3024	Electro-Mechanical Technicians	AD	N/A	N/A	N/A	10	10	0.0%	0
17-3026	Industrial Engineering Technicians	AD	\$44,980	\$67,650	\$78,990	140	140	0.0%	3
19-4021	Biological Technicians	BD	\$34,170	\$45,350	\$50,940	180	230	27.8%	10
21-1011	Substance Abuse & Behavioral Disorder Counselors	BD	\$35,020	\$45,600	\$50,890	360	430	19.4%	16
21-1012	Educational, Guidance, School & Vocational Counselors	MD	\$44,360	\$68,250	\$80,190	430	450	4.7%	11
21-1015	Rehabilitation Counselors	MD	\$30,390	\$36,980	\$40,280	100	110	10.0%	3
21-1021	Child, Family & School Social Workers	BD	\$34,710	\$40,720	\$43,720	540	600	11.1%	18
21-1022	Healthcare Social Workers	MD	\$40,310	\$56,890	\$65,190	150	180	20.0%	6
21-1023	Mental Health & Substance Abuse Social Workers	BD	\$27,700	\$38,000	\$43,150	120	160	33.3%	7
21-1091	Health Educators	BD	\$54,750	\$73,540	\$82,940	110	120	9.1%	4
21-1093	Social & Human Service Assistants	ST OJT	\$27,020	\$31,780	\$34,170	670	740	10.4%	24
23-2011	Paralegals & Legal Assistants	AD	\$43,630	\$59,910	\$68,050	190	220	15.8%	7

2016 High Priority Occupations for Chester County Workforce Development Area

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			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
25-2032	Career/Technical Education Teachers, Secondary School	BD+	\$44,790	\$64,840	\$74,870	10	10	0.0%	0
25-3021	Self-Enrichment Education Teachers	WK EXP	\$22,630	\$42,590	\$52,570	850	950	11.8%	24
27-1024	Graphic Designers	BD	\$32,300	\$52,290	\$62,280	560	650	16.1%	23
27-2022	Coaches & Scouts	BD	\$17,920	\$30,880	\$37,360	640	710	10.9%	26
29-1031	Dietitians & Nutritionists	BD	\$38,570	\$59,930	\$70,610	90	100	11.1%	3
29-1051	Pharmacists	PROF	\$94,500	\$117,970	\$129,710	510	570	11.8%	18
29-1071	Physician Assistants	MD	\$64,510	\$93,430	\$107,890	140	150	7.1%	4
29-1126	Respiratory Therapists	AD	\$36,750	\$53,470	\$61,830	110	140	27.3%	6
29-1127	Speech-Language Pathologists	MD	\$54,340	\$70,900	\$79,180	140	160	14.3%	4
29-1141	Registered Nurses	BD	\$52,070	\$70,610	\$79,880	4,460	5,310	19.1%	171
29-1171	Nurse Practitioners	MD	\$80,170	\$108,220	\$122,250	70	90	28.6%	3
29-2011	Medical & Clinical Laboratory Technologists	BD	\$53,970	\$78,070	\$90,120	140	150	7.1%	6
29-2012	Medical & Clinical Laboratory Technicians	AD	N/A	N/A	N/A	270	300	11.1%	11
29-2021	Dental Hygienists	AD	N/A	N/A	N/A	250	310	24.0%	12
29-2031	Cardiovascular Technologists & Technicians	AD	\$40,360	\$60,200	\$70,120	30	40	33.3%	1
29-2032	Diagnostic Medical Sonographers	AD	\$59,170	\$71,360	\$77,460	30	40	33.3%	1
29-2034	Radiologic Technologists	AD	\$39,500	\$57,540	\$66,560	180	210	16.7%	5
29-2041	Emergency Medical Technicians & Paramedics	PS	N/A	N/A	N/A	280	420	50.0%	22
29-2052	Pharmacy Technicians	MT OJT	\$27,070	\$34,890	\$38,800	480	510	6.3%	9
29-2055	Surgical Technologists	PS	\$24,010	\$36,210	\$42,310	60	70	16.7%	2
29-2056	Veterinary Technologists & Technicians	AD	\$27,600	\$34,970	\$38,660	170	210	23.5%	6
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$40,350	\$51,530	\$57,120	1,300	1,620	24.6%	63
29-2071	Medical Records & Health Information Technicians	PS	\$29,760	\$36,030	\$39,160	120	150	25.0%	6
29-2081	Opticians, Dispensing	LT OJT	\$31,360	\$39,590	\$43,700	40	50	25.0%	1
31-1014	Nursing Assistants	PS	\$23,620	\$29,820	\$32,910	2,430	2,870	18.1%	90
31-2011	Occupational Therapy Assistants	AD	\$30,000	\$42,300	\$48,440	50	50	0.0%	2
31-2021	Physical Therapist Assistants	AD	\$44,610	\$62,390	\$71,290	200	220	10.0%	6
31-9091	Dental Assistants	PS	\$16,930	\$30,180	\$36,800	580	670	15.5%	20
31-9092	Medical Assistants	PS	\$26,140	\$36,420	\$41,560	360	390	8.3%	10
31-9097	Phlebotomists	PS	\$26,180	\$33,670	\$37,410	70	100	42.9%	4
35-1011	Chefs & Head Cooks	WK EXP	\$38,540	\$57,920	\$67,620	280	310	10.7%	7
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$28,450	\$39,240	\$44,640	890	1,030	15.7%	38
39-3011	Gaming Dealers	ST OJT	N/A	N/A	N/A	20	20	0.0%	0
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	\$20,400	\$34,030	\$40,850	630	700	11.1%	14
41-1011	Supervisors - Retail Sales Workers	WK EXP	\$31,560	\$51,230	\$61,060	1,930	1,930	0.0%	42
41-2021	Counter & Rental Clerks	ST OJT	\$22,440	\$37,530	\$45,080	810	870	7.4%	28

2016 High Priority Occupations for Chester County Workforce Development Area

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			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
41-3011	Advertising Sales Agents	MT OJT	\$29,220	\$48,130	\$57,580	370	390	5.4%	14
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	\$60,630	\$119,050	\$148,260	1,010	1,100	8.9%	33
41-4011	Sales Representatives, Technical & Scientific Products	BD+	\$56,560	\$100,100	\$121,870	1,410	1,620	14.9%	48
41-4012	Sales Representatives	MT OJT	\$38,100	\$69,410	\$85,060	3,890	4,100	5.4%	97
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$36,990	\$63,060	\$76,100	3,990	4,420	10.8%	138
43-3011	Bill & Account Collectors	MT OJT	\$32,160	\$43,490	\$49,150	570	660	15.8%	24
43-3021	Billing & Posting Clerks	MT OJT	\$29,620	\$38,200	\$42,490	1,380	1,580	14.5%	45
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	\$29,220	\$41,570	\$47,740	3,540	3,960	11.9%	74
43-4011	Brokerage Clerks	MT OJT	\$33,020	\$46,310	\$52,950	1,020	860	-15.7%	26
43-4051	Customer Service Representatives	ST OJT	\$24,440	\$37,800	\$44,470	5,250	5,690	8.4%	187
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	\$25,500	\$30,150	\$32,470	120	130	8.3%	7
43-5011	Cargo & Freight Agents	ST OJT	N/A	N/A	N/A	80	80	0.0%	3
43-5032	Dispatchers	MT OJT	\$30,760	\$42,490	\$48,350	290	330	13.8%	12
43-5061	Production, Planning & Expediting Clerks	MT OJT	N/A	N/A	N/A	550	560	1.8%	16
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	\$24,660	\$35,630	\$41,120	1,510	1,580	4.6%	47
43-6012	Legal Secretaries	MT OJT	\$35,670	\$47,240	\$53,020	380	390	2.6%	5
43-6013	Medical Secretaries	MT OJT	\$29,960	\$38,380	\$42,580	500	610	22.0%	18
43-6014	Secretaries	ST OJT	\$26,930	\$37,620	\$42,960	4,870	5,530	13.6%	126
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	\$35,160	\$46,070	\$51,530	270	290	7.4%	9
43-9061	Office Clerks, General	ST OJT	\$22,730	\$36,110	\$42,800	5,310	5,720	7.7%	154
45-1011	Farm & Forestry Worker Supervisors	WK EXP	\$50,420	\$67,740	\$76,410	130	140	7.7%	4
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	\$57,550	\$83,590	\$96,610	1,010	1,220	20.8%	32
47-2021	Brickmasons & Blockmasons	LT OJT	\$35,130	\$50,900	\$58,780	20	30	50.0%	1
47-2031	Carpenters	LT OJT	\$30,820	\$58,400	\$72,180	2,230	2,720	22.0%	76
47-2051	Cement Masons & Concrete Finishers	MT OJT	\$35,910	\$45,270	\$49,950	190	230	21.1%	6
47-2061	Construction Laborers	ST OJT	\$31,450	\$54,940	\$66,690	1,160	1,350	16.4%	44
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	\$41,730	\$59,600	\$68,540	750	850	13.3%	28
47-2111	Electricians	LT OJT	\$41,280	\$60,320	\$69,850	720	870	20.8%	29
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$45,890	\$54,210	\$58,370	460	570	23.9%	17
47-2211	Sheet Metal Workers	LT OJT	N/A	N/A	N/A	60	60	0.0%	1
47-2221	Structural Iron & Steel Workers	LT OJT	\$79,830	\$85,730	\$88,670	0	0	0.0%	0
47-4011	Construction & Building Inspectors	WK EXP	\$52,600	\$69,060	\$77,290	240	270	12.5%	10
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	N/A	N/A	N/A	10	10	0.0%	0
47-5071	Roustabouts, Oil & Gas	MT OJT	N/A	N/A	N/A	10	10	0.0%	0
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$44,400	\$67,180	\$78,560	610	680	11.5%	23
49-2098	Security & Fire Alarm Systems Installers	MT OJT	\$39,020	\$49,800	\$55,190	370	420	13.5%	12

2016 High Priority Occupations for Chester County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
49-3021	Automotive Body & Related Repairers	LT OJT	\$39,310	\$48,180	\$52,620	280	320	14.3%	9
49-3023	Automotive Service Technicians & Mechanics	PS	\$27,010	\$39,980	\$46,470	1,300	1,440	10.8%	47
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	\$33,730	\$45,900	\$51,990	340	380	11.8%	11
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	\$36,740	\$45,570	\$49,990	10	20	100.0%	0
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$42,180	\$53,110	\$58,570	520	610	17.3%	22
49-9041	Industrial Machinery Mechanics	LT OJT	\$40,100	\$52,550	\$58,780	470	590	25.5%	26
49-9043	Maintenance Workers, Machinery	MT OJT	\$39,280	\$49,420	\$54,500	130	150	15.4%	4
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	N/A	N/A	N/A	130	150	15.4%	7
49-9052	Telecommunications Line Installers & Repairers	LT OJT	\$41,910	\$58,270	\$66,440	640	610	-4.7%	16
49-9071	Maintenance & Repair Workers, General	LT OJT	\$23,690	\$41,240	\$50,010	2,480	2,760	11.3%	77
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$45,510	\$64,930	\$74,640	930	930	0.0%	13
51-2092	Team Assemblers	MT OJT	\$25,350	\$33,700	\$37,870	1,460	1,530	4.8%	30
51-3021	Butchers & Meat Cutters	LT OJT	\$27,220	\$34,300	\$37,850	360	360	0.0%	9
51-3092	Food Batchmakers	MT OJT	\$20,300	\$31,980	\$37,810	80	60	-25.0%	2
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	\$33,920	\$43,550	\$48,360	250	300	20.0%	12
51-4012	CNC Machine Tool Programmers, Metal & Plastic	LT OJT	\$44,150	\$55,580	\$61,300	30	30	0.0%	1
51-4033	Grinding, Lapping, Polishing & Buffing Machine Operators, Metal & Plastic	MT OJT	\$35,930	\$55,510	\$65,300	100	90	-10.0%	2
51-4041	Machinists	LT OJT	\$33,060	\$46,740	\$53,580	440	520	18.2%	18
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	\$29,280	\$42,180	\$48,630	90	80	-11.1%	2
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$29,900	\$39,620	\$44,490	540	570	5.6%	17
51-5112	Printing Press Operators	MT OJT	\$24,070	\$35,770	\$41,620	560	530	-5.4%	10
51-5113	Print Binding & Finishing Workers	ST OJT	N/A	N/A	N/A	150	140	-6.7%	3
51-9011	Chemical Equipment Operators & Tenders	MT OJT	\$31,810	\$49,280	\$58,010	290	270	-6.9%	10
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$30,800	\$51,750	\$62,220	720	790	9.7%	23
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	\$22,030	\$30,030	\$34,030	690	680	-1.4%	16
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	\$46,550	\$66,470	\$76,430	270	300	11.1%	10
53-3031	Driver/Sales Workers	ST OJT	\$17,480	\$26,640	\$31,220	400	420	5.0%	7
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	\$38,080	\$49,250	\$54,830	2,720	3,180	16.9%	89
53-3033	Light Truck or Delivery Services Drivers	ST OJT	\$17,250	\$37,280	\$47,300	1,740	1,790	2.9%	32
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$30,780	\$40,160	\$44,850	810	910	12.3%	29

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.

2016 High Priority Occupations for Chester County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings

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.

2016 High Priority Occupations for Delaware County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
11-2022	Sales Managers	BD+	\$84,640	\$145,540	\$176,000	370	390	5.4%	10
11-9151	Social & Community Service Managers	BD+	\$55,090	\$71,240	\$79,320	340	380	11.8%	11
13-1023	Purchasing Agents	BD+	\$50,320	\$75,220	\$87,680	640	640	0.0%	12
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	\$42,200	\$59,260	\$67,790	760	780	2.6%	20
13-1051	Cost Estimators	BD	\$49,020	\$74,840	\$87,750	460	540	17.4%	23
13-1081	Logisticians	BD	\$59,310	\$84,580	\$97,220	540	680	25.9%	21
13-1151	Training & Development Specialists	BD+	\$41,710	\$65,570	\$77,500	550	600	9.1%	15
13-1161	Market Research Analysts & Marketing Specialists	BD	\$41,970	\$73,030	\$88,550	1,310	1,680	28.2%	56
13-2011	Accountants & Auditors	BD	\$46,710	\$76,050	\$90,720	2,640	2,880	9.1%	103
13-2051	Financial Analysts	BD	\$50,610	\$97,440	\$120,850	490	540	10.2%	17
15-1121	Computer Systems Analysts	BD	\$52,610	\$80,170	\$93,950	740	820	10.8%	20
15-1131	Computer Programmers	BD	\$47,390	\$85,080	\$103,920	360	350	-2.8%	9
15-1132	Software Developers, Applications	BD	\$67,980	\$101,020	\$117,540	520	560	7.7%	11
15-1133	Software Developers, Systems Software	BD	\$74,920	\$104,480	\$119,260	590	630	6.8%	11
15-1142	Network & Computer Systems Administrators	BD	\$59,660	\$90,170	\$105,430	580	620	6.9%	13
15-1151	Computer User Support Specialists	PS	\$34,720	\$54,550	\$64,460	790	900	13.9%	22
15-1152	Computer Network Support Specialists	AD	\$46,340	\$61,080	\$68,450	270	280	3.7%	5
17-2051	Civil Engineers	BD	\$61,580	\$82,380	\$92,780	230	280	21.7%	11
17-2072	Electronics Engineers	BD	\$70,440	\$101,890	\$117,620	110	100	-9.1%	2
17-2112	Industrial Engineers	BD	\$70,840	\$98,190	\$111,860	450	480	6.7%	16
17-2141	Mechanical Engineers	BD	\$58,140	\$89,340	\$104,940	370	370	0.0%	12
17-3024	Electro-Mechanical Technicians	AD	N/A	N/A	N/A	20	20	0.0%	0
17-3026	Industrial Engineering Technicians	AD	\$35,320	\$67,760	\$83,970	90	90	0.0%	2
19-4021	Biological Technicians	BD	\$30,010	\$45,500	\$53,240	60	60	0.0%	2
21-1011	Substance Abuse & Behavioral Disorder Counselors	BD	\$37,970	\$50,040	\$56,070	260	320	23.1%	12
21-1012	Educational, Guidance, School & Vocational Counselors	MD	\$39,950	\$63,600	\$75,420	630	690	9.5%	19
21-1015	Rehabilitation Counselors	MD	\$30,190	\$38,310	\$42,370	220	280	27.3%	11
21-1021	Child, Family & School Social Workers	BD	\$33,480	\$42,880	\$47,590	510	560	9.8%	16
21-1022	Healthcare Social Workers	MD	\$37,510	\$51,540	\$58,560	320	360	12.5%	12
21-1023	Mental Health & Substance Abuse Social Workers	BD	\$32,350	\$44,000	\$49,830	440	540	22.7%	20
21-1091	Health Educators	BD	\$39,210	\$60,920	\$71,780	90	100	11.1%	3
21-1093	Social & Human Service Assistants	ST OJT	\$23,000	\$31,030	\$35,050	1,460	1,730	18.5%	65
23-2011	Paralegals & Legal Assistants	AD	\$44,180	\$52,270	\$56,310	190	230	21.1%	6
25-2032	Career/Technical Education Teachers, Secondary School	BD+	N/A	N/A	N/A	70	70	0.0%	2
25-3021	Self-Enrichment Education Teachers	WK EXP	\$20,120	\$32,370	\$38,500	510	540	5.9%	12

2016 High Priority Occupations for Delaware County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
27-2022	Coaches & Scouts	BD	\$17,880	\$32,020	\$39,080	330	370	12.1%	14
29-1051	Pharmacists	PROF	\$97,220	\$117,030	\$126,930	880	990	12.5%	33
29-1071	Physician Assistants	MD	\$63,680	\$92,560	\$107,000	200	220	10.0%	6
29-1126	Respiratory Therapists	AD	\$57,080	\$70,100	\$76,610	150	170	13.3%	4
29-1141	Registered Nurses	BD	\$61,590	\$82,520	\$92,980	4,960	5,950	20.0%	194
29-1171	Nurse Practitioners	MD	\$85,520	\$100,410	\$107,860	50	60	20.0%	2
29-2011	Medical & Clinical Laboratory Technologists	BD	\$52,580	\$67,470	\$74,910	430	500	16.3%	17
29-2012	Medical & Clinical Laboratory Technicians	AD	\$32,480	\$45,480	\$51,980	390	410	5.1%	12
29-2021	Dental Hygienists	AD	\$61,720	\$78,870	\$87,440	590	680	15.3%	25
29-2031	Cardiovascular Technologists & Technicians	AD	\$37,730	\$59,970	\$71,100	90	110	22.2%	3
29-2032	Diagnostic Medical Sonographers	AD	\$60,510	\$72,850	\$79,020	100	130	30.0%	4
29-2034	Radiologic Technologists	AD	\$35,840	\$55,150	\$64,810	310	350	12.9%	8
29-2041	Emergency Medical Technicians & Paramedics	PS	\$30,280	\$44,000	\$50,860	630	680	7.9%	22
29-2052	Pharmacy Technicians	MT OJT	\$22,990	\$32,020	\$36,540	670	790	17.9%	19
29-2055	Surgical Technologists	PS	\$38,240	\$44,200	\$47,170	90	110	22.2%	3
29-2056	Veterinary Technologists & Technicians	AD	\$28,080	\$39,150	\$44,690	170	190	11.8%	4
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$41,200	\$52,280	\$57,820	1,450	1,830	26.2%	74
29-2071	Medical Records & Health Information Technicians	PS	\$28,380	\$40,980	\$47,280	330	400	21.2%	15
29-2081	Opticians, Dispensing	LT OJT	\$28,750	\$35,580	\$38,990	50	50	0.0%	1
31-1014	Nursing Assistants	PS	\$21,920	\$28,210	\$31,350	3,360	3,770	12.2%	105
31-2011	Occupational Therapy Assistants	AD	\$43,270	\$56,510	\$63,130	30	40	33.3%	2
31-2021	Physical Therapist Assistants	AD	\$27,600	\$45,630	\$54,640	130	160	23.1%	6
31-9091	Dental Assistants	PS	\$34,240	\$47,590	\$54,260	450	490	8.9%	13
31-9097	Phlebotomists	PS	\$30,040	\$33,760	\$35,620	180	230	27.8%	8
35-1011	Chefs & Head Cooks	WK EXP	\$30,190	\$45,100	\$52,550	130	130	0.0%	3
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$28,240	\$40,860	\$47,170	990	1,090	10.1%	39
39-3011	Gaming Dealers	ST OJT	N/A	N/A	N/A	670	690	3.0%	14
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	\$20,050	\$36,390	\$44,560	490	530	8.2%	9
41-1011	Supervisors - Retail Sales Workers	WK EXP	\$33,740	\$51,990	\$61,120	2,260	2,230	-1.3%	49
41-2021	Counter & Rental Clerks	ST OJT	\$16,880	\$30,980	\$38,020	450	470	4.4%	14
41-3011	Advertising Sales Agents	MT OJT	\$37,330	\$55,650	\$64,820	180	180	0.0%	6
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	\$45,450	\$92,060	\$115,360	560	600	7.1%	17
41-4011	Sales Representatives, Technical & Scientific Products	BD+	\$52,970	\$80,820	\$94,740	620	670	8.1%	17
41-4012	Sales Representatives	MT OJT	\$34,590	\$65,260	\$80,600	2,900	3,090	6.6%	75
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$42,200	\$62,490	\$72,630	2,440	2,600	6.6%	74

2016 High Priority Occupations for Delaware County Workforce Development Area

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			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
43-3011	Bill & Account Collectors	MT OJT	\$27,330	\$37,170	\$42,090	1,040	1,140	9.6%	39
43-3021	Billing & Posting Clerks	MT OJT	\$28,360	\$37,060	\$41,420	930	1,060	14.0%	30
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	\$30,510	\$42,870	\$49,050	2,760	2,940	6.5%	43
43-4011	Brokerage Clerks	MT OJT	\$37,510	\$45,870	\$50,060	60	50	-16.7%	2
43-4051	Customer Service Representatives	ST OJT	\$24,540	\$37,460	\$43,920	3,600	3,780	5.0%	116
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	\$18,390	\$24,790	\$27,980	190	200	5.3%	10
43-5011	Cargo & Freight Agents	ST OJT	\$38,260	\$49,840	\$55,640	260	310	19.2%	12
43-5032	Dispatchers	MT OJT	\$27,600	\$39,650	\$45,670	230	240	4.3%	8
43-5061	Production, Planning & Expediting Clerks	MT OJT	\$36,790	\$51,320	\$58,580	500	550	10.0%	17
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	\$23,660	\$33,950	\$39,100	690	700	1.4%	19
43-6012	Legal Secretaries	MT OJT	\$33,510	\$38,560	\$41,090	450	440	-2.2%	6
43-6013	Medical Secretaries	MT OJT	\$32,970	\$39,850	\$43,290	820	1,020	24.4%	30
43-6014	Secretaries	ST OJT	\$26,460	\$36,440	\$41,430	4,010	4,330	8.0%	80
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	\$31,560	\$45,350	\$52,250	860	880	2.3%	25
43-9061	Office Clerks, General	ST OJT	\$20,530	\$33,120	\$39,420	5,310	5,290	-0.4%	112
45-1011	Farm & Forestry Worker Supervisors	WK EXP	N/A	N/A	N/A	0	0	N/A	0
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	\$62,180	\$85,230	\$96,750	780	920	17.9%	22
47-2021	Brickmasons & Blockmasons	LT OJT	\$60,750	\$71,490	\$76,870	80	110	37.5%	4
47-2031	Carpenters	LT OJT	\$34,030	\$59,340	\$72,000	2,400	2,810	17.1%	70
47-2051	Cement Masons & Concrete Finishers	MT OJT	\$43,930	\$55,180	\$60,800	110	140	27.3%	3
47-2061	Construction Laborers	ST OJT	\$18,640	\$34,460	\$42,360	1,050	1,240	18.1%	41
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	\$44,680	\$64,150	\$73,890	410	470	14.6%	15
47-2111	Electricians	LT OJT	\$45,580	\$74,580	\$89,080	1,020	1,160	13.7%	33
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$37,740	\$60,930	\$72,530	770	880	14.3%	21
47-2211	Sheet Metal Workers	LT OJT	\$37,270	\$67,290	\$82,290	150	180	20.0%	6
47-2221	Structural Iron & Steel Workers	LT OJT	N/A	N/A	N/A	80	100	25.0%	4
47-4011	Construction & Building Inspectors	WK EXP	\$35,320	\$52,640	\$61,290	130	140	7.7%	4
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	N/A	N/A	N/A	0	0	0.0%	0
47-5071	Roustabouts, Oil & Gas	MT OJT	N/A	N/A	N/A	0	0	0.0%	0
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$49,110	\$74,520	\$87,220	660	700	6.1%	22
49-2098	Security & Fire Alarm Systems Installers	MT OJT	N/A	N/A	N/A	140	170	21.4%	7
49-3021	Automotive Body & Related Repairers	LT OJT	\$31,060	\$42,630	\$48,410	330	360	9.1%	8
49-3023	Automotive Service Technicians & Mechanics	PS	\$25,610	\$42,790	\$51,380	1,580	1,670	5.7%	49
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	\$40,660	\$55,780	\$63,340	250	270	8.0%	7
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	N/A	N/A	N/A	10	10	0.0%	0

2016 High Priority Occupations for Delaware County Workforce Development Area

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			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$36,580	\$66,140	\$80,920	530	600	13.2%	20
49-9041	Industrial Machinery Mechanics	LT OJT	\$38,250	\$57,650	\$67,360	320	400	25.0%	17
49-9043	Maintenance Workers, Machinery	MT OJT	N/A	N/A	N/A	140	160	14.3%	5
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	N/A	N/A	N/A	60	60	0.0%	3
49-9052	Telecommunications Line Installers & Repairers	LT OJT	\$68,220	\$71,940	\$73,800	320	320	0.0%	8
49-9071	Maintenance & Repair Workers, General	LT OJT	\$27,090	\$40,360	\$46,990	1,930	2,040	5.7%	49
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$47,250	\$72,250	\$84,750	700	700	0.0%	10
51-2092	Team Assemblers	MT OJT	\$27,740	\$36,870	\$41,440	870	840	-3.4%	14
51-3021	Butchers & Meat Cutters	LT OJT	\$19,720	\$33,750	\$40,770	400	420	5.0%	12
51-3092	Food Batchmakers	MT OJT	\$21,150	\$30,770	\$35,570	70	70	0.0%	2
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	\$31,400	\$40,150	\$44,520	70	80	14.3%	3
51-4012	CNC Machine Tool Programmers, Metal & Plastic	LT OJT	\$45,560	\$62,060	\$70,310	30	30	0.0%	2
51-4033	Grinding, Lapping, Polishing & Buffing Machine Operators, Metal & Plastic	MT OJT	\$25,010	\$37,220	\$43,330	50	40	-20.0%	1
51-4041	Machinists	LT OJT	\$28,070	\$45,980	\$54,940	590	650	10.2%	20
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	N/A	N/A	N/A	30	30	0.0%	1
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$31,940	\$41,960	\$46,970	130	140	7.7%	4
51-5112	Printing Press Operators	MT OJT	\$31,680	\$45,280	\$52,080	180	150	-16.7%	3
51-5113	Print Binding & Finishing Workers	ST OJT	N/A	N/A	N/A	0	0	0.0%	0
51-9011	Chemical Equipment Operators & Tenders	MT OJT	\$36,900	\$53,180	\$61,310	250	260	4.0%	10
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$29,700	\$53,520	\$65,440	610	680	11.5%	20
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	\$23,020	\$37,690	\$45,020	130	140	7.7%	4
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	\$37,640	\$63,520	\$76,470	200	210	5.0%	6
53-3031	Driver/Sales Workers	ST OJT	\$21,340	\$31,150	\$36,050	390	410	5.1%	8
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	\$31,440	\$45,920	\$53,160	1,310	1,530	16.8%	43
53-3033	Light Truck or Delivery Services Drivers	ST OJT	\$23,630	\$39,600	\$47,590	1,990	1,960	-1.5%	32
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$33,020	\$42,440	\$47,160	410	410	0.0%	10

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.

2016 High Priority Occupations for Delaware County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings

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.

2016 High Priority Occupations for Lackawanna County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
11-2022	Sales Managers	BD+	\$49,890	\$97,710	\$121,620	140	150	7.1%	4
11-9151	Social & Community Service Managers	BD+	\$39,120	\$58,540	\$68,240	120	130	8.3%	3
13-1023	Purchasing Agents	BD+	\$38,570	\$56,970	\$66,170	140	150	7.1%	4
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	\$36,760	\$55,320	\$64,590	150	170	13.3%	6
13-1051	Cost Estimators	BD	\$23,920	\$45,960	\$56,980	150	180	20.0%	8
13-1081	Logisticians	BD	\$40,200	\$66,180	\$79,180	100	130	30.0%	4
13-1151	Training & Development Specialists	BD+	\$33,560	\$48,140	\$55,420	160	180	12.5%	5
13-1161	Market Research Analysts & Marketing Specialists	BD	\$33,300	\$52,470	\$62,060	180	220	22.2%	6
13-2011	Accountants & Auditors	BD	\$40,760	\$60,010	\$69,630	830	900	8.4%	31
13-2051	Financial Analysts	BD	\$37,980	\$54,900	\$63,360	60	70	16.7%	2
15-1121	Computer Systems Analysts	BD	\$58,040	\$76,220	\$85,310	520	670	28.8%	22
15-1131	Computer Programmers	BD	\$42,250	\$60,820	\$70,110	110	110	0.0%	3
15-1132	Software Developers, Applications	BD	\$60,600	\$90,640	\$105,660	350	380	8.6%	7
15-1133	Software Developers, Systems Software	BD	\$40,910	\$69,750	\$84,170	200	230	15.0%	5
15-1142	Network & Computer Systems Administrators	BD	\$44,610	\$67,790	\$79,380	170	190	11.8%	5
15-1151	Computer User Support Specialists	PS	\$26,710	\$42,200	\$49,950	240	270	12.5%	7
15-1152	Computer Network Support Specialists	AD	\$42,460	\$61,440	\$70,930	50	50	0.0%	1
17-2051	Civil Engineers	BD	\$52,810	\$72,400	\$82,190	210	260	23.8%	10
17-2072	Electronics Engineers	BD	N/A	N/A	N/A	20	20	0.0%	0
17-2112	Industrial Engineers	BD	\$61,020	\$88,740	\$102,600	120	130	8.3%	4
17-2141	Mechanical Engineers	BD	\$59,240	\$75,060	\$82,980	80	80	0.0%	4
17-3024	Electro-Mechanical Technicians	AD	N/A	N/A	N/A	80	70	-12.5%	2
19-4021	Biological Technicians	BD	N/A	N/A	N/A	40	50	25.0%	1
21-1011	Substance Abuse & Behavioral Disorder Counselors	BD	\$30,720	\$44,330	\$51,140	150	190	26.7%	7
21-1012	Educational, Guidance, School & Vocational Counselors	MD	\$39,320	\$53,920	\$61,220	210	220	4.8%	5
21-1015	Rehabilitation Counselors	MD	\$21,210	\$34,700	\$41,440	180	200	11.1%	6
21-1021	Child, Family & School Social Workers	BD	\$28,030	\$37,610	\$42,400	310	330	6.5%	9
21-1022	Healthcare Social Workers	MD	\$34,420	\$49,610	\$57,210	100	120	20.0%	5
21-1023	Mental Health & Substance Abuse Social Workers	BD	\$25,660	\$40,210	\$47,480	70	80	14.3%	2
21-1091	Health Educators	BD	N/A	N/A	N/A	70	80	14.3%	3
21-1093	Social & Human Service Assistants	ST OJT	\$21,240	\$26,590	\$29,260	510	590	15.7%	20
23-2011	Paralegals & Legal Assistants	AD	\$26,590	\$36,680	\$41,730	290	370	27.6%	13
25-2032	Career/Technical Education Teachers, Secondary School	BD+	\$43,480	\$58,840	\$66,530	10	10	0.0%	0
25-3021	Self-Enrichment Education Teachers	WK EXP	N/A	N/A	N/A	70	80	14.3%	1
27-2022	Coaches & Scouts	BD	\$17,160	\$28,410	\$34,030	120	140	16.7%	6
29-1051	Pharmacists	PROF	\$95,000	\$109,120	\$116,180	380	400	5.3%	11

2016 High Priority Occupations for Lackawanna County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
29-1071	Physician Assistants	MD	\$67,420	\$93,590	\$106,670	50	60	20.0%	2
29-1126	Respiratory Therapists	AD	\$42,700	\$51,330	\$55,650	70	80	14.3%	3
29-1141	Registered Nurses	BD	\$44,590	\$58,590	\$65,590	2,470	3,050	23.5%	106
29-1171	Nurse Practitioners	MD	\$69,130	\$106,440	\$125,100	60	80	33.3%	2
29-2011	Medical & Clinical Laboratory Technologists	BD	\$42,300	\$54,730	\$60,950	180	200	11.1%	7
29-2012	Medical & Clinical Laboratory Technicians	AD	\$27,960	\$40,980	\$47,490	280	320	14.3%	11
29-2021	Dental Hygienists	AD	\$42,480	\$48,490	\$51,500	160	180	12.5%	6
29-2031	Cardiovascular Technologists & Technicians	AD	\$35,140	\$49,260	\$56,320	40	60	50.0%	3
29-2032	Diagnostic Medical Sonographers	AD	\$53,870	\$73,880	\$83,890	50	60	20.0%	3
29-2034	Radiologic Technologists	AD	\$41,540	\$63,480	\$74,450	200	230	15.0%	6
29-2041	Emergency Medical Technicians & Paramedics	PS	\$24,420	\$32,950	\$37,220	290	340	17.2%	13
29-2052	Pharmacy Technicians	MT OJT	\$17,400	\$26,360	\$30,840	450	490	8.9%	8
29-2055	Surgical Technologists	PS	N/A	N/A	N/A	90	140	55.6%	6
29-2056	Veterinary Technologists & Technicians	AD	\$26,680	\$34,820	\$38,890	90	100	11.1%	3
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$33,680	\$42,950	\$47,580	970	1,170	20.6%	44
29-2071	Medical Records & Health Information Technicians	PS	\$25,680	\$35,230	\$40,000	130	150	15.4%	6
29-2081	Opticians, Dispensing	LT OJT	\$22,400	\$31,240	\$35,650	80	90	12.5%	3
31-1014	Nursing Assistants	PS	\$22,390	\$28,290	\$31,240	1,110	1,230	10.8%	33
31-2011	Occupational Therapy Assistants	AD	\$25,280	\$32,130	\$35,560	70	80	14.3%	3
31-2021	Physical Therapist Assistants	AD	\$42,200	\$49,520	\$53,180	80	100	25.0%	4
31-9091	Dental Assistants	PS	\$23,410	\$35,460	\$41,490	230	240	4.3%	7
31-9097	Phlebotomists	PS	\$25,000	\$29,300	\$31,440	60	70	16.7%	2
35-1011	Chefs & Head Cooks	WK EXP	\$34,460	\$47,960	\$54,710	160	170	6.3%	3
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$22,760	\$34,970	\$41,080	620	740	19.4%	30
39-3011	Gaming Dealers	ST OJT	N/A	N/A	N/A	10	10	0.0%	0
39-5011	Barbers	PS	N/A	N/A	N/A	N/A	N/A	N/A	
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	\$18,880	\$39,110	\$49,230	70	80	14.3%	2
41-1011	Supervisors - Retail Sales Workers	WK EXP	\$28,080	\$43,440	\$51,120	890	880	-1.1%	20
41-2021	Counter & Rental Clerks	ST OJT	\$18,540	\$27,080	\$31,350	190	210	10.5%	7
41-3011	Advertising Sales Agents	MT OJT	\$20,400	\$27,320	\$30,790	70	70	0.0%	2
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	\$35,830	\$63,610	\$77,500	100	110	10.0%	2
41-4011	Sales Representatives, Technical & Scientific Products	BD+	\$29,500	\$58,220	\$72,580	50	60	20.0%	2
41-4012	Sales Representatives	MT OJT	\$34,580	\$61,550	\$75,030	1,110	1,150	3.6%	26
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$37,510	\$56,480	\$65,960	1,000	1,100	10.0%	34
43-3011	Bill & Account Collectors	MT OJT	\$27,860	\$34,110	\$37,230	300	320	6.7%	10
43-3021	Billing & Posting Clerks	MT OJT	\$23,770	\$33,180	\$37,880	490	550	12.2%	15

2016 High Priority Occupations for Lackawanna County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	\$24,590	\$34,800	\$39,900	1,410	1,560	10.6%	28
43-4011	Brokerage Clerks	MT OJT	N/A	N/A	N/A	10	10	0.0%	0
43-4051	Customer Service Representatives	ST OJT	\$23,260	\$32,350	\$36,900	2,730	2,970	8.8%	99
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	\$18,600	\$22,160	\$23,930	170	180	5.9%	9
43-5011	Cargo & Freight Agents	ST OJT	\$37,770	\$50,770	\$57,270	60	70	16.7%	4
43-5032	Dispatchers	MT OJT	\$21,940	\$33,660	\$39,520	130	140	7.7%	5
43-5061	Production, Planning & Expediting Clerks	MT OJT	\$29,540	\$40,790	\$46,420	180	180	0.0%	4
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	\$21,010	\$32,100	\$37,650	350	350	0.0%	9
43-6012	Legal Secretaries	MT OJT	\$25,120	\$31,710	\$35,010	50	50	0.0%	1
43-6013	Medical Secretaries	MT OJT	\$29,190	\$43,380	\$50,470	280	390	39.3%	14
43-6014	Secretaries	ST OJT	\$20,850	\$31,010	\$36,090	1,700	1,860	9.4%	36
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	\$27,430	\$38,490	\$44,010	290	350	20.7%	13
43-9061	Office Clerks, General	ST OJT	\$21,670	\$31,480	\$36,380	2,710	2,870	5.9%	73
45-1011	Farm & Forestry Worker Supervisors	WK EXP	N/A	N/A	N/A	10	10	0.0%	0
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	\$41,870	\$64,250	\$75,440	260	310	19.2%	7
47-2021	Brickmasons & Blockmasons	LT OJT	\$36,660	\$47,560	\$53,000	20	30	50.0%	0
47-2031	Carpenters	LT OJT	\$27,600	\$38,190	\$43,480	790	910	15.2%	22
47-2051	Cement Masons & Concrete Finishers	MT OJT	\$30,760	\$37,750	\$41,250	70	80	14.3%	2
47-2061	Construction Laborers	ST OJT	\$23,190	\$34,220	\$39,730	560	670	19.6%	23
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	\$35,900	\$49,390	\$56,130	340	390	14.7%	13
47-2111	Electricians	LT OJT	\$35,510	\$57,000	\$67,740	140	170	21.4%	6
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$37,080	\$44,530	\$48,250	240	330	37.5%	12
47-2211	Sheet Metal Workers	LT OJT	N/A	N/A	N/A	300	380	26.7%	14
47-2221	Structural Iron & Steel Workers	LT OJT	N/A	N/A	N/A	30	30	0.0%	2
47-4011	Construction & Building Inspectors	WK EXP	\$35,560	\$47,730	\$53,810	140	150	7.1%	4
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	N/A	N/A	N/A	0	0	0.0%	0
47-5071	Roustabouts, Oil & Gas	MT OJT	N/A	N/A	N/A	0	0	0.0%	0
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$48,320	\$65,560	\$74,180	230	240	4.3%	7
49-2098	Security & Fire Alarm Systems Installers	MT OJT	N/A	N/A	N/A	0	0	0.0%	0
49-3021	Automotive Body & Related Repairers	LT OJT	\$22,970	\$31,360	\$35,560	210	230	9.5%	6
49-3023	Automotive Service Technicians & Mechanics	PS	\$24,350	\$38,590	\$45,710	400	430	7.5%	13
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	\$31,410	\$40,090	\$44,440	250	290	16.0%	9
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	N/A	N/A	N/A	0	0	N/A	0
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$35,360	\$40,440	\$42,980	130	160	23.1%	6
49-9041	Industrial Machinery Mechanics	LT OJT	\$32,710	\$43,240	\$48,500	180	230	27.8%	10
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	N/A	N/A	N/A	20	20	0.0%	1

2016 High Priority Occupations for Lackawanna County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
49-9052	Telecommunications Line Installers & Repairers	LT OJT	N/A	N/A	N/A	60	50	-16.7%	2
49-9071	Maintenance & Repair Workers, General	LT OJT	\$23,440	\$35,300	\$41,220	1,230	1,370	11.4%	38
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$36,770	\$52,240	\$59,980	340	340	0.0%	5
51-3021	Butchers & Meat Cutters	LT OJT	\$26,430	\$34,440	\$38,440	130	130	0.0%	3
51-3092	Food Batchmakers	MT OJT	\$22,830	\$30,860	\$34,870	170	150	-11.8%	6
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	\$21,900	\$30,440	\$34,710	120	160	33.3%	6
51-4012	CNC Machine Tool Programmers, Metal & Plastic	LT OJT	\$35,240	\$45,280	\$50,300	10	10	0.0%	0
51-4033	Grinding, Lapping, Polishing & Buffing Machine Operators, Metal & Plastic	MT OJT	\$22,390	\$25,500	\$27,050	30	20	-33.3%	1
51-4041	Machinists	LT OJT	\$30,570	\$42,060	\$47,810	160	200	25.0%	8
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	\$25,750	\$33,730	\$37,720	20	20	0.0%	0
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$19,890	\$33,440	\$40,210	230	250	8.7%	9
51-5112	Printing Press Operators	MT OJT	\$21,470	\$31,600	\$36,660	290	280	-3.4%	5
51-5113	Print Binding & Finishing Workers	ST OJT	\$23,470	\$32,270	\$36,670	80	80	0.0%	1
51-9011	Chemical Equipment Operators & Tenders	MT OJT	\$30,360	\$37,700	\$41,370	30	20	-33.3%	1
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$23,970	\$34,830	\$40,260	340	360	5.9%	9
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	\$20,760	\$24,750	\$26,740	500	520	4.0%	14
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	\$47,150	\$63,050	\$71,000	170	200	17.6%	8
53-3021	Bus Drivers, Transit & Intercity	MT OJT	\$17,770	\$32,730	\$40,210	160	170	6.3%	3
53-3022	Bus Drivers, School or Special Client	ST OJT	\$16,740	\$26,780	\$31,790	330	340	3.0%	7
53-3031	Driver/Sales Workers	ST OJT	\$24,410	\$37,790	\$44,480	400	430	7.5%	9
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	\$29,710	\$43,740	\$50,750	1,360	1,640	20.6%	50
53-3033	Light Truck or Delivery Services Drivers	ST OJT	\$19,220	\$31,840	\$38,150	640	640	0.0%	10
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$24,510	\$33,570	\$38,100	810	870	7.4%	25

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.

2016 High Priority Occupations for Lancaster County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
11-2022	Sales Managers	BD+	\$68,540	\$118,290	\$143,160	370	390	5.4%	10
11-9013	Farmers, Ranchers & Other Agricultural Managers	WK EXP	N/A	N/A	N/A	4,150	3,730	-10.1%	67
11-9151	Social & Community Service Managers	BD+	\$43,520	\$68,050	\$80,320	150	180	20.0%	5
13-1023	Purchasing Agents	BD+	\$38,910	\$58,040	\$67,610	480	530	10.4%	13
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	\$34,770	\$55,290	\$65,550	270	270	0.0%	6
13-1051	Cost Estimators	BD	\$37,870	\$58,830	\$69,310	660	780	18.2%	32
13-1081	Logisticians	BD	\$47,900	\$73,690	\$86,590	120	160	33.3%	5
13-1111	Management Analysts	BD+	\$55,920	\$93,060	\$111,630	310	370	19.4%	11
13-1151	Training & Development Specialists	BD+	\$36,950	\$54,760	\$63,660	260	280	7.7%	7
13-1161	Market Research Analysts & Marketing Specialists	BD	\$33,690	\$57,880	\$69,980	590	750	27.1%	25
13-2011	Accountants & Auditors	BD	\$44,840	\$67,910	\$79,450	1,920	2,030	5.7%	68
13-2051	Financial Analysts	BD	\$47,340	\$74,910	\$88,700	120	140	16.7%	5
13-2052	Personal Financial Advisors	BD+	\$49,280	\$130,080	\$170,480	310	370	19.4%	11
15-1121	Computer Systems Analysts	BD	\$48,020	\$75,420	\$89,120	280	330	17.9%	10
15-1131	Computer Programmers	BD	\$43,400	\$66,360	\$77,840	290	310	6.9%	10
15-1132	Software Developers, Applications	BD	\$52,020	\$80,760	\$95,130	190	230	21.1%	6
15-1133	Software Developers, Systems Software	BD	\$62,310	\$89,260	\$102,730	370	420	13.5%	11
15-1142	Network & Computer Systems Administrators	BD	\$51,910	\$71,460	\$81,230	480	520	8.3%	12
15-1151	Computer User Support Specialists	PS	\$28,570	\$44,820	\$52,950	430	470	9.3%	11
15-1152	Computer Network Support Specialists	AD	\$46,880	\$75,940	\$90,470	120	130	8.3%	3
17-2051	Civil Engineers	BD	\$53,840	\$79,170	\$91,840	580	670	15.5%	23
17-2072	Electronics Engineers	BD	\$58,120	\$89,510	\$105,210	60	70	16.7%	2
17-2112	Industrial Engineers	BD	\$57,120	\$82,320	\$94,920	410	460	12.2%	18
17-2141	Mechanical Engineers	BD	\$51,130	\$76,030	\$88,480	310	350	12.9%	14
17-3024	Electro-Mechanical Technicians	AD	\$35,110	\$40,090	\$42,590	10	10	0.0%	0
17-3026	Industrial Engineering Technicians	AD	\$43,590	\$61,140	\$69,910	160	170	6.3%	4
19-4021	Biological Technicians	BD	\$34,670	\$52,410	\$61,280	80	90	12.5%	3
21-1011	Substance Abuse & Behavioral Disorder Counselors	BD	\$35,110	\$45,800	\$51,140	410	480	17.1%	16
21-1012	Educational, Guidance, School & Vocational Counselors	MD	\$38,950	\$60,160	\$70,760	360	380	5.6%	10
21-1015	Rehabilitation Counselors	MD	\$25,530	\$36,980	\$42,710	180	200	11.1%	6
21-1021	Child, Family & School Social Workers	BD	\$28,750	\$35,310	\$38,590	430	470	9.3%	13
21-1022	Healthcare Social Workers	MD	\$33,800	\$46,370	\$52,660	210	270	28.6%	9
21-1023	Mental Health & Substance Abuse Social Workers	BD	\$26,660	\$38,340	\$44,180	550	600	9.1%	16
21-1091	Health Educators	BD	\$28,680	\$43,150	\$50,380	40	50	25.0%	2
21-1093	Social & Human Service Assistants	ST OJT	\$24,160	\$30,990	\$34,410	660	710	7.6%	22
23-2011	Paralegals & Legal Assistants	AD	\$27,550	\$42,640	\$50,180	260	310	19.2%	8

2016 High Priority Occupations for Lancaster County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
25-2032	Career/Technical Education Teachers, Secondary School	BD+	\$49,280	\$65,470	\$73,570	460	460	0.0%	13
25-3021	Self-Enrichment Education Teachers	WK EXP	\$19,840	\$34,770	\$42,240	470	500	6.4%	10
27-2022	Coaches & Scouts	BD	\$18,750	\$37,780	\$47,290	360	390	8.3%	13
29-1051	Pharmacists	PROF	\$108,930	\$116,900	\$120,890	370	420	13.5%	15
29-1071	Physician Assistants	MD	\$61,320	\$86,110	\$98,500	260	290	11.5%	8
29-1126	Respiratory Therapists	AD	\$47,340	\$59,190	\$65,120	160	180	12.5%	4
29-1141	Registered Nurses	BD	\$44,820	\$60,800	\$68,790	3,250	3,900	20.0%	127
29-1171	Nurse Practitioners	MD	\$70,740	\$93,460	\$104,820	170	220	29.4%	8
29-2011	Medical & Clinical Laboratory Technologists	BD	\$44,360	\$58,080	\$64,940	150	160	6.7%	5
29-2012	Medical & Clinical Laboratory Technicians	AD	\$28,360	\$41,060	\$47,420	290	320	10.3%	11
29-2021	Dental Hygienists	AD	\$57,140	\$68,140	\$73,640	360	420	16.7%	15
29-2031	Cardiovascular Technologists & Technicians	AD	\$30,360	\$49,510	\$59,090	110	140	27.3%	5
29-2032	Diagnostic Medical Sonographers	AD	N/A	N/A	N/A	80	110	37.5%	4
29-2034	Radiologic Technologists	AD	\$39,870	\$58,320	\$67,550	330	390	18.2%	11
29-2041	Emergency Medical Technicians & Paramedics	PS	\$23,290	\$32,910	\$37,730	510	640	25.5%	27
29-2052	Pharmacy Technicians	MT OJT	\$23,130	\$29,580	\$32,800	590	680	15.3%	15
29-2055	Surgical Technologists	PS	\$33,400	\$43,840	\$49,070	160	200	25.0%	5
29-2056	Veterinary Technologists & Technicians	AD	\$27,320	\$34,740	\$38,450	100	140	40.0%	4
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$34,120	\$41,890	\$45,770	1,900	2,340	23.2%	90
29-2071	Medical Records & Health Information Technicians	PS	\$28,380	\$37,720	\$42,380	280	330	17.9%	12
29-2081	Opticians, Dispensing	LT OJT	\$20,520	\$34,990	\$42,220	130	150	15.4%	6
31-1014	Nursing Assistants	PS	\$21,650	\$27,590	\$30,550	4,160	4,710	13.2%	134
31-2011	Occupational Therapy Assistants	AD	\$40,540	\$51,370	\$56,790	50	60	20.0%	2
31-2021	Physical Therapist Assistants	AD	\$37,260	\$51,640	\$58,820	130	160	23.1%	6
31-9091	Dental Assistants	PS	\$31,870	\$40,150	\$44,290	560	610	8.9%	17
31-9097	Phlebotomists	PS	\$25,400	\$30,620	\$33,220	200	240	20.0%	8
35-1011	Chefs & Head Cooks	WK EXP	\$29,320	\$42,760	\$49,480	310	320	3.2%	6
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$22,730	\$32,790	\$37,830	1,350	1,530	13.3%	56
39-3011	Gaming Dealers	ST OJT	N/A	N/A	N/A	10	20	100.0%	0
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	\$19,140	\$30,550	\$36,260	370	430	16.2%	10
41-1011	Supervisors - Retail Sales Workers	WK EXP	\$30,930	\$49,080	\$58,150	2,520	2,520	0.0%	55
41-2021	Counter & Rental Clerks	ST OJT	\$19,030	\$31,230	\$37,330	650	730	12.3%	24
41-3011	Advertising Sales Agents	MT OJT	\$27,070	\$48,250	\$58,830	340	360	5.9%	12
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	\$32,620	\$59,050	\$72,260	360	380	5.6%	10
41-4011	Sales Representatives, Technical & Scientific Products	BD+	\$37,200	\$72,230	\$89,740	390	410	5.1%	10
41-4012	Sales Representatives	MT OJT	\$34,360	\$68,180	\$85,080	3,510	3,840	9.4%	101

2016 High Priority Occupations for Lancaster County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
41-9021	Real Estate Brokers	WK EXP	N/A	N/A	N/A	70	70	0.0%	1
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$38,870	\$57,480	\$66,790	1,890	2,050	8.5%	61
43-3011	Bill & Account Collectors	MT OJT	\$27,440	\$35,340	\$39,280	470	510	8.5%	17
43-3021	Billing & Posting Clerks	MT OJT	\$27,320	\$36,180	\$40,620	1,230	1,360	10.6%	36
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	\$24,130	\$35,620	\$41,360	3,210	3,480	8.4%	57
43-4011	Brokerage Clerks	MT OJT	N/A	N/A	N/A	50	40	-20.0%	1
43-4051	Customer Service Representatives	ST OJT	\$23,830	\$34,340	\$39,600	3,160	3,360	6.3%	106
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	\$20,580	\$23,360	\$24,740	490	530	8.2%	27
43-5011	Cargo & Freight Agents	ST OJT	\$33,880	\$42,880	\$47,380	40	40	0.0%	1
43-5032	Dispatchers	MT OJT	\$28,930	\$45,190	\$53,310	250	300	20.0%	12
43-5061	Production, Planning & Expediting Clerks	MT OJT	\$33,850	\$49,750	\$57,700	460	480	4.3%	14
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	\$23,470	\$33,930	\$39,160	1,440	1,520	5.6%	46
43-6012	Legal Secretaries	MT OJT	\$20,410	\$30,130	\$35,000	90	90	0.0%	1
43-6013	Medical Secretaries	MT OJT	\$24,300	\$31,650	\$35,330	690	880	27.5%	27
43-6014	Secretaries	ST OJT	\$23,640	\$33,020	\$37,710	4,150	4,570	10.1%	91
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	\$26,380	\$37,170	\$42,560	430	400	-7.0%	11
43-9061	Office Clerks, General	ST OJT	\$21,130	\$30,990	\$35,910	5,800	5,950	2.6%	138
45-1011	Farm & Forestry Worker Supervisors	WK EXP	\$32,470	\$43,020	\$48,300	180	190	5.6%	4
45-2092	Farmworkers & Laborers, Crop, Nursery & Greenhouse	ST OJT	\$18,310	\$24,650	\$27,820	3,080	2,970	-3.6%	94
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	\$42,230	\$59,360	\$67,930	1,100	1,290	17.3%	31
47-2021	Brickmasons & Blockmasons	LT OJT	\$39,420	\$51,840	\$58,040	500	640	28.0%	19
47-2031	Carpenters	LT OJT	\$27,780	\$38,370	\$43,670	4,060	4,660	14.8%	110
47-2051	Cement Masons & Concrete Finishers	MT OJT	\$31,380	\$50,840	\$60,570	670	780	16.4%	19
47-2061	Construction Laborers	ST OJT	\$24,540	\$36,390	\$42,320	1,680	2,000	19.0%	67
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	\$31,950	\$44,050	\$50,100	730	860	17.8%	30
47-2111	Electricians	LT OJT	\$29,730	\$46,110	\$54,310	1,180	1,360	15.3%	40
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$33,710	\$44,740	\$50,260	760	880	15.8%	21
47-2211	Sheet Metal Workers	LT OJT	\$33,530	\$47,600	\$54,640	340	390	14.7%	11
47-2221	Structural Iron & Steel Workers	LT OJT	\$31,750	\$41,950	\$47,060	110	130	18.2%	5
47-4011	Construction & Building Inspectors	WK EXP	\$32,990	\$46,940	\$53,910	200	210	5.0%	6
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	N/A	N/A	N/A	10	10	0.0%	0
47-5071	Roustabouts, Oil & Gas	MT OJT	N/A	N/A	N/A	0	0	0.0%	0
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$43,930	\$63,760	\$73,670	650	700	7.7%	22
49-2098	Security & Fire Alarm Systems Installers	MT OJT	\$33,480	\$44,590	\$50,140	160	200	25.0%	7
49-3021	Automotive Body & Related Repairers	LT OJT	\$31,640	\$44,670	\$51,180	250	260	4.0%	7
49-3023	Automotive Service Technicians & Mechanics	PS	\$26,110	\$40,000	\$46,950	1,850	1,950	5.4%	57

2016 High Priority Occupations for Lancaster County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	\$33,050	\$44,330	\$49,960	490	560	14.3%	16
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	\$29,310	\$37,070	\$40,950	280	300	7.1%	10
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$36,460	\$48,710	\$54,840	710	810	14.1%	29
49-9041	Industrial Machinery Mechanics	LT OJT	\$38,410	\$48,650	\$53,770	900	1,120	24.4%	48
49-9043	Maintenance Workers, Machinery	MT OJT	\$36,210	\$46,740	\$52,010	190	210	10.5%	5
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	\$52,560	\$68,920	\$77,100	40	50	25.0%	2
49-9052	Telecommunications Line Installers & Repairers	LT OJT	\$27,380	\$47,510	\$57,570	80	90	12.5%	2
49-9071	Maintenance & Repair Workers, General	LT OJT	\$27,120	\$40,930	\$47,830	2,540	2,750	8.3%	70
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$40,760	\$59,290	\$68,560	1,710	1,730	1.2%	26
51-2092	Team Assemblers	MT OJT	\$22,790	\$30,670	\$34,610	2,540	2,610	2.8%	47
51-3021	Butchers & Meat Cutters	LT OJT	\$21,020	\$32,880	\$38,810	400	420	5.0%	12
51-3092	Food Batchmakers	MT OJT	\$25,380	\$39,440	\$46,480	900	930	3.3%	32
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	\$26,190	\$36,700	\$41,960	150	200	33.3%	9
51-4012	CNC Machine Tool Programmers, Metal & Plastic	LT OJT	\$39,700	\$47,720	\$51,730	40	60	50.0%	3
51-4033	Grinding, Lapping, Polishing & Buffing Machine Operators, Metal & Plastic	MT OJT	\$27,200	\$37,190	\$42,180	80	80	0.0%	2
51-4041	Machinists	LT OJT	\$26,690	\$37,630	\$43,100	790	880	11.4%	27
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	\$29,210	\$38,040	\$42,460	120	110	-8.3%	2
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$30,860	\$39,620	\$44,000	1,030	1,110	7.8%	33
51-5112	Printing Press Operators	MT OJT	\$29,710	\$42,040	\$48,210	1,140	1,060	-7.0%	20
51-5113	Print Binding & Finishing Workers	ST OJT	\$24,770	\$35,980	\$41,590	590	540	-8.5%	10
51-9011	Chemical Equipment Operators & Tenders	MT OJT	N/A	N/A	N/A	30	30	0.0%	1
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$25,030	\$37,150	\$43,200	960	1,050	9.4%	30
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	\$24,160	\$35,990	\$41,900	1,550	1,500	-3.2%	37
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	\$42,350	\$59,280	\$67,750	360	390	8.3%	14
53-3031	Driver/Sales Workers	ST OJT	\$17,210	\$23,550	\$26,730	1,210	1,300	7.4%	28
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	\$29,870	\$41,680	\$47,580	3,700	4,460	20.5%	135
53-3033	Light Truck or Delivery Services Drivers	ST OJT	\$18,680	\$28,810	\$33,880	2,260	2,400	6.2%	50
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$27,420	\$38,080	\$43,410	1,260	1,250	-0.8%	29

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.

2016 High Priority Occupations for Lancaster County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings

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.

2016 High Priority Occupations for Lehigh Valley Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
11-2022	Sales Managers	BD+	\$67,810	\$132,120	\$164,280	580	610	5.2%	15
11-9151	Social & Community Service Managers	BD+	\$39,840	\$63,220	\$74,900	220	230	4.5%	6
13-1023	Purchasing Agents	BD+	\$38,930	\$61,770	\$73,190	600	650	8.3%	16
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	\$44,630	\$63,140	\$72,400	430	440	2.3%	11
13-1051	Cost Estimators	BD	\$41,810	\$63,210	\$73,920	480	570	18.8%	24
13-1081	Logisticians	BD	\$41,630	\$68,090	\$81,320	210	270	28.6%	8
13-1151	Training & Development Specialists	BD+	\$35,010	\$57,500	\$68,740	520	570	9.6%	14
13-1161	Market Research Analysts & Marketing Specialists	BD	\$29,820	\$58,360	\$72,630	1,030	1,300	26.2%	42
13-2011	Accountants & Auditors	BD	\$46,870	\$73,010	\$86,080	2,640	2,890	9.5%	103
13-2051	Financial Analysts	BD	\$56,300	\$85,160	\$99,580	450	500	11.1%	17
15-1121	Computer Systems Analysts	BD	\$52,110	\$82,400	\$97,540	820	1,010	23.2%	31
15-1131	Computer Programmers	BD	\$46,140	\$78,210	\$94,250	480	480	0.0%	12
15-1132	Software Developers, Applications	BD	\$64,080	\$97,140	\$113,670	1,080	1,270	17.6%	32
15-1133	Software Developers, Systems Software	BD	\$59,880	\$92,650	\$109,040	630	710	12.7%	17
15-1142	Network & Computer Systems Administrators	BD	\$47,670	\$77,950	\$93,090	740	800	8.1%	18
15-1151	Computer User Support Specialists	PS	\$37,040	\$53,420	\$61,620	900	1,030	14.4%	27
15-1152	Computer Network Support Specialists	AD	\$41,760	\$59,300	\$68,060	260	260	0.0%	5
17-2051	Civil Engineers	BD	\$60,610	\$83,570	\$95,050	580	710	22.4%	28
17-2072	Electronics Engineers	BD	N/A	N/A	N/A	180	200	11.1%	6
17-2112	Industrial Engineers	BD	\$53,560	\$83,820	\$98,950	530	560	5.7%	19
17-2141	Mechanical Engineers	BD	\$53,230	\$82,830	\$97,640	350	390	11.4%	16
17-3024	Electro-Mechanical Technicians	AD	N/A	N/A	N/A	10	10	0.0%	0
17-3026	Industrial Engineering Technicians	AD	\$32,340	\$50,960	\$60,270	100	110	10.0%	3
19-4021	Biological Technicians	BD	\$29,460	\$39,570	\$44,620	110	120	9.1%	4
21-1011	Substance Abuse & Behavioral Disorder Counselors	BD	\$32,100	\$44,940	\$51,360	410	490	19.5%	17
21-1012	Educational, Guidance, School & Vocational Counselors	MD	\$41,150	\$59,140	\$68,140	460	480	4.3%	12
21-1015	Rehabilitation Counselors	MD	\$25,400	\$37,380	\$43,370	150	160	6.7%	5
21-1021	Child, Family & School Social Workers	BD	\$27,760	\$44,520	\$52,900	450	480	6.7%	13
21-1022	Healthcare Social Workers	MD	\$38,030	\$50,060	\$56,080	270	330	22.2%	12
21-1023	Mental Health & Substance Abuse Social Workers	BD	\$26,720	\$37,360	\$42,670	390	440	12.8%	13
21-1091	Health Educators	BD	\$39,160	\$84,670	\$107,430	100	130	30.0%	5
21-1093	Social & Human Service Assistants	ST OJT	\$22,410	\$29,840	\$33,560	930	1,020	9.7%	34
21-1094	Community Health Workers	ST OJT	\$22,510	\$41,360	\$50,790	70	80	14.3%	3
23-2011	Paralegals & Legal Assistants	AD	\$33,730	\$45,530	\$51,430	480	570	18.8%	18
25-2032	Career/Technical Education Teachers, Secondary School	BD+	\$49,200	\$65,490	\$73,630	240	240	0.0%	7
25-3021	Self-Enrichment Education Teachers	WK EXP	\$18,450	\$30,770	\$36,930	670	720	7.5%	17

2016 High Priority Occupations for Lehigh Valley Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
27-2022	Coaches & Scouts	BD	\$19,630	\$41,990	\$53,170	490	560	14.3%	21
29-1051	Pharmacists	PROF	\$91,510	\$112,700	\$123,300	480	540	12.5%	17
29-1071	Physician Assistants	MD	\$64,270	\$88,310	\$100,330	340	370	8.8%	9
29-1126	Respiratory Therapists	AD	\$46,620	\$59,930	\$66,590	220	270	22.7%	7
29-1141	Registered Nurses	BD	\$53,020	\$65,460	\$71,670	6,740	8,030	19.1%	260
29-1171	Nurse Practitioners	MD	\$71,800	\$94,230	\$105,450	230	270	17.4%	8
29-2011	Medical & Clinical Laboratory Technologists	BD	\$47,360	\$59,880	\$66,140	620	660	6.5%	20
29-2012	Medical & Clinical Laboratory Technicians	AD	\$32,030	\$44,260	\$50,370	400	430	7.5%	13
29-2021	Dental Hygienists	AD	\$53,410	\$63,770	\$68,950	430	510	18.6%	19
29-2031	Cardiovascular Technologists & Technicians	AD	\$36,210	\$54,490	\$63,630	230	290	26.1%	9
29-2032	Diagnostic Medical Sonographers	AD	\$48,370	\$63,530	\$71,120	150	210	40.0%	8
29-2034	Radiologic Technologists	AD	\$48,870	\$62,250	\$68,950	610	710	16.4%	19
29-2041	Emergency Medical Technicians & Paramedics	PS	\$26,640	\$39,160	\$45,430	870	1,010	16.1%	38
29-2052	Pharmacy Technicians	MT OJT	\$20,740	\$28,650	\$32,610	770	890	15.6%	20
29-2055	Surgical Technologists	PS	\$32,350	\$43,340	\$48,830	170	220	29.4%	6
29-2056	Veterinary Technologists & Technicians	AD	\$27,480	\$34,560	\$38,100	120	170	41.7%	5
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$40,310	\$46,230	\$49,190	1,850	2,190	18.4%	79
29-2071	Medical Records & Health Information Technicians	PS	\$25,300	\$33,880	\$38,160	340	410	20.6%	16
29-2081	Opticians, Dispensing	LT OJT	\$28,600	\$37,790	\$42,380	210	250	19.0%	10
31-1011	Home Health Aides	ST OJT	\$17,300	\$22,660	\$25,340	2,380	3,040	27.7%	110
31-1014	Nursing Assistants	PS	\$23,030	\$28,510	\$31,250	4,900	5,420	10.6%	145
31-2011	Occupational Therapy Assistants	AD	\$40,200	\$50,720	\$55,980	200	270	35.0%	12
31-2021	Physical Therapist Assistants	AD	\$41,590	\$49,520	\$53,480	260	340	30.8%	14
31-9091	Dental Assistants	PS	\$24,080	\$34,400	\$39,560	710	790	11.3%	23
31-9092	Medical Assistants	PS	\$25,110	\$31,730	\$35,030	1,430	1,640	14.7%	48
31-9097	Phlebotomists	PS	\$26,930	\$32,040	\$34,590	220	260	18.2%	8
35-1011	Chefs & Head Cooks	WK EXP	\$27,160	\$51,700	\$63,980	250	270	8.0%	5
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$21,070	\$33,310	\$39,440	1,280	1,470	14.8%	54
39-3011	Gaming Dealers	ST OJT	N/A	N/A	N/A	760	800	5.3%	16
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	\$19,730	\$30,660	\$36,130	430	480	11.6%	11
41-1011	Supervisors - Retail Sales Workers	WK EXP	\$29,440	\$47,260	\$56,170	2,700	2,690	-0.4%	59
41-2021	Counter & Rental Clerks	ST OJT	\$20,970	\$32,080	\$37,640	870	960	10.3%	31
41-3011	Advertising Sales Agents	MT OJT	\$25,600	\$58,940	\$75,610	310	320	3.2%	11
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	\$44,470	\$76,430	\$92,410	490	490	0.0%	11
41-4011	Sales Representatives, Technical & Scientific Products	BD+	\$58,110	\$97,470	\$117,150	610	640	4.9%	15
41-4012	Sales Representatives	MT OJT	\$38,060	\$65,130	\$78,670	3,740	3,890	4.0%	87

2016 High Priority Occupations for Lehigh Valley Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$37,950	\$57,260	\$66,910	2,720	2,930	7.7%	86
43-3011	Bill & Account Collectors	MT OJT	\$22,080	\$30,650	\$34,930	1,400	1,470	5.0%	47
43-3021	Billing & Posting Clerks	MT OJT	\$27,600	\$36,540	\$41,020	1,270	1,440	13.4%	39
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	\$25,320	\$37,440	\$43,500	3,660	3,960	8.2%	64
43-4011	Brokerage Clerks	MT OJT	\$40,130	\$45,960	\$48,880	70	60	-14.3%	2
43-4051	Customer Service Representatives	ST OJT	\$23,180	\$34,530	\$40,210	6,240	6,850	9.8%	231
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	\$17,000	\$21,580	\$23,870	320	360	12.5%	19
43-5011	Cargo & Freight Agents	ST OJT	\$37,700	\$46,980	\$51,620	50	60	20.0%	3
43-5032	Dispatchers	MT OJT	\$24,580	\$36,740	\$42,820	520	590	13.5%	22
43-5061	Production, Planning & Expediting Clerks	MT OJT	\$31,800	\$47,280	\$55,010	940	1,030	9.6%	32
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	\$25,600	\$34,010	\$38,220	2,080	2,090	0.5%	56
43-6012	Legal Secretaries	MT OJT	\$35,330	\$42,370	\$45,890	270	260	-3.7%	3
43-6013	Medical Secretaries	MT OJT	\$22,180	\$30,490	\$34,640	970	1,220	25.8%	37
43-6014	Secretaries	ST OJT	\$23,880	\$33,700	\$38,620	5,150	5,500	6.8%	97
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	\$32,230	\$42,630	\$47,820	450	470	4.4%	14
43-9061	Office Clerks, General	ST OJT	\$21,600	\$31,700	\$36,740	7,440	7,610	2.3%	173
45-1011	Farm & Forestry Worker Supervisors	WK EXP	N/A	N/A	N/A	30	30	0.0%	1
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	\$47,790	\$69,850	\$80,890	880	1,020	15.9%	24
47-2021	Brickmasons & Blockmasons	LT OJT	\$36,500	\$58,590	\$69,640	90	120	33.3%	4
47-2031	Carpenters	LT OJT	\$28,430	\$42,130	\$48,980	2,060	2,410	17.0%	59
47-2051	Cement Masons & Concrete Finishers	MT OJT	\$29,480	\$39,450	\$44,440	170	210	23.5%	6
47-2061	Construction Laborers	ST OJT	\$25,170	\$37,820	\$44,140	1,760	2,140	21.6%	76
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	\$32,770	\$42,370	\$47,170	610	720	18.0%	24
47-2111	Electricians	LT OJT	\$31,810	\$49,280	\$58,020	1,220	1,380	13.1%	39
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$37,140	\$57,980	\$68,400	760	880	15.8%	22
47-2211	Sheet Metal Workers	LT OJT	\$46,320	\$64,500	\$73,590	230	250	8.7%	6
47-2221	Structural Iron & Steel Workers	LT OJT	\$38,400	\$55,220	\$63,620	110	120	9.1%	5
47-4011	Construction & Building Inspectors	WK EXP	\$34,110	\$48,130	\$55,140	250	280	12.0%	9
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	N/A	N/A	N/A	0	0	0.0%	0
47-5071	Roustabouts, Oil & Gas	MT OJT	N/A	N/A	N/A	0	0	0.0%	0
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$48,560	\$68,940	\$79,130	690	730	5.8%	23
49-2098	Security & Fire Alarm Systems Installers	MT OJT	\$35,530	\$46,480	\$51,960	120	140	16.7%	4
49-3021	Automotive Body & Related Repairers	LT OJT	\$25,530	\$40,440	\$47,900	480	520	8.3%	13
49-3023	Automotive Service Technicians & Mechanics	PS	\$27,760	\$41,170	\$47,880	2,130	2,270	6.6%	68
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	\$33,600	\$45,330	\$51,190	590	650	10.2%	19
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	\$29,050	\$33,990	\$36,460	50	50	0.0%	1

2016 High Priority Occupations for Lehigh Valley Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$34,260	\$46,240	\$52,230	760	840	10.5%	27
49-9041	Industrial Machinery Mechanics	LT OJT	\$36,180	\$49,100	\$55,560	1,120	1,460	30.4%	66
49-9043	Maintenance Workers, Machinery	MT OJT	\$35,170	\$50,280	\$57,840	270	290	7.4%	5
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	\$49,250	\$61,310	\$67,330	100	110	10.0%	5
49-9052	Telecommunications Line Installers & Repairers	LT OJT	\$39,840	\$59,170	\$68,840	240	230	-4.2%	6
49-9071	Maintenance & Repair Workers, General	LT OJT	\$24,040	\$37,810	\$44,700	3,290	3,550	7.9%	89
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$41,350	\$61,720	\$71,910	1,250	1,240	-0.8%	18
51-2092	Team Assemblers	MT OJT	\$24,260	\$33,440	\$38,020	2,690	2,850	5.9%	59
51-3021	Butchers & Meat Cutters	LT OJT	\$18,270	\$29,970	\$35,820	370	380	2.7%	10
51-3092	Food Batchmakers	MT OJT	\$29,070	\$39,100	\$44,110	280	270	-3.6%	9
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	\$26,620	\$38,150	\$43,920	290	340	17.2%	13
51-4012	CNC Machine Tool Programmers, Metal & Plastic	LT OJT	\$44,370	\$56,780	\$62,980	60	80	33.3%	4
51-4033	Grinding, Lapping, Polishing & Buffing Machine Operators, Metal & Plastic	MT OJT	\$27,080	\$35,640	\$39,920	380	330	-13.2%	8
51-4041	Machinists	LT OJT	\$26,950	\$40,340	\$47,040	1,460	1,710	17.1%	59
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	\$30,420	\$37,820	\$41,520	160	140	-12.5%	3
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$32,780	\$41,430	\$45,750	470	490	4.3%	14
51-5112	Printing Press Operators	MT OJT	\$27,510	\$39,380	\$45,320	300	280	-6.7%	5
51-5113	Print Binding & Finishing Workers	ST OJT	\$28,590	\$35,880	\$39,520	160	160	0.0%	3
51-9011	Chemical Equipment Operators & Tenders	MT OJT	\$27,400	\$43,140	\$51,000	130	130	0.0%	5
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$26,720	\$39,650	\$46,110	1,110	1,160	4.5%	29
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	\$22,950	\$33,490	\$38,760	1,170	1,180	0.9%	28
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	\$44,470	\$61,140	\$69,470	480	540	12.5%	18
53-3031	Driver/Sales Workers	ST OJT	\$17,200	\$22,660	\$25,400	1,060	1,140	7.5%	25
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	\$31,860	\$45,020	\$51,600	4,900	5,580	13.9%	146
53-3033	Light Truck or Delivery Services Drivers	ST OJT	\$20,200	\$36,410	\$44,510	2,380	2,450	2.9%	45
53-7032	Excavating & Loading Machine & Dragline Operators	WK EXP	N/A	N/A	N/A	110	130	18.2%	3
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$27,800	\$35,010	\$38,610	2,830	2,920	3.2%	74

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.

2016 High Priority Occupations for Lehigh Valley Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings

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.

2016 High Priority Occupations for Luzerne-Schuylkill Counties Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
11-2022	Sales Managers	BD+	\$62,620	\$121,680	\$151,220	240	230	-4.2%	5
11-9151	Social & Community Service Managers	BD+	\$43,800	\$60,790	\$69,280	250	300	20.0%	10
13-1023	Purchasing Agents	BD+	\$36,500	\$55,720	\$65,320	400	400	0.0%	7
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	\$38,420	\$56,100	\$64,950	500	510	2.0%	13
13-1051	Cost Estimators	BD	\$36,010	\$56,280	\$66,420	290	350	20.7%	15
13-1081	Logisticians	BD	\$33,360	\$58,100	\$70,460	160	200	25.0%	6
13-1151	Training & Development Specialists	BD+	\$33,920	\$54,420	\$64,670	220	240	9.1%	6
13-1161	Market Research Analysts & Marketing Specialists	BD	\$37,080	\$62,720	\$75,550	450	560	24.4%	17
13-2011	Accountants & Auditors	BD	\$40,080	\$63,610	\$75,370	1,320	1,440	9.1%	51
13-2051	Financial Analysts	BD	\$45,830	\$66,040	\$76,140	230	250	8.7%	8
15-1121	Computer Systems Analysts	BD	\$50,410	\$72,850	\$84,080	240	250	4.2%	5
15-1131	Computer Programmers	BD	\$42,510	\$65,350	\$76,770	170	170	0.0%	4
15-1132	Software Developers, Applications	BD	\$60,040	\$94,890	\$112,310	120	140	16.7%	4
15-1133	Software Developers, Systems Software	BD	\$34,400	\$72,650	\$91,780	70	70	0.0%	2
15-1142	Network & Computer Systems Administrators	BD	\$47,830	\$69,850	\$80,860	270	270	0.0%	4
15-1151	Computer User Support Specialists	PS	\$22,080	\$36,540	\$43,770	540	640	18.5%	18
15-1152	Computer Network Support Specialists	AD	\$37,650	\$56,730	\$66,270	100	110	10.0%	3
17-2051	Civil Engineers	BD	\$53,500	\$87,340	\$104,260	310	380	22.6%	14
17-2072	Electronics Engineers	BD	\$66,370	\$92,220	\$105,140	70	70	0.0%	2
17-2112	Industrial Engineers	BD	\$60,040	\$83,200	\$94,780	210	220	4.8%	7
17-2141	Mechanical Engineers	BD	\$54,660	\$72,760	\$81,800	200	210	5.0%	8
17-3024	Electro-Mechanical Technicians	AD	N/A	N/A	N/A	0	0	0.0%	0
17-3026	Industrial Engineering Technicians	AD	\$39,410	\$47,560	\$51,640	50	50	0.0%	1
19-4021	Biological Technicians	BD	N/A	N/A	N/A	50	60	20.0%	3
21-1011	Substance Abuse & Behavioral Disorder Counselors	BD	\$30,810	\$46,490	\$54,340	270	350	29.6%	13
21-1012	Educational, Guidance, School & Vocational Counselors	MD	\$39,380	\$54,520	\$62,100	430	430	0.0%	9
21-1015	Rehabilitation Counselors	MD	\$31,800	\$49,280	\$58,020	290	320	10.3%	9
21-1021	Child, Family & School Social Workers	BD	\$26,950	\$36,550	\$41,350	810	960	18.5%	33
21-1022	Healthcare Social Workers	MD	\$32,740	\$45,020	\$51,160	460	590	28.3%	24
21-1023	Mental Health & Substance Abuse Social Workers	BD	\$24,190	\$31,430	\$35,050	190	260	36.8%	11
21-1091	Health Educators	BD	\$24,720	\$49,540	\$61,950	50	70	40.0%	2
21-1093	Social & Human Service Assistants	ST OJT	\$25,340	\$32,450	\$36,010	1,040	1,220	17.3%	44
23-2011	Paralegals & Legal Assistants	AD	\$31,530	\$41,270	\$46,130	260	300	15.4%	8
25-2032	Career/Technical Education Teachers, Secondary School	BD+	\$47,200	\$63,000	\$70,890	160	160	0.0%	4
25-3021	Self-Enrichment Education Teachers	WK EXP	\$20,060	\$41,320	\$51,950	390	390	0.0%	7
27-2022	Coaches & Scouts	BD	\$16,920	\$24,990	\$29,030	230	250	8.7%	9

2016 High Priority Occupations for Luzerne-Schuylkill Counties Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
29-1051	Pharmacists	PROF	\$85,310	\$107,580	\$118,710	570	640	12.3%	21
29-1071	Physician Assistants	MD	\$76,980	\$96,260	\$105,900	140	150	7.1%	3
29-1126	Respiratory Therapists	AD	\$43,880	\$54,720	\$60,140	110	140	27.3%	4
29-1141	Registered Nurses	BD	\$45,030	\$58,460	\$65,180	3,610	4,320	19.7%	141
29-1171	Nurse Practitioners	MD	N/A	N/A	N/A	170	210	23.5%	7
29-2011	Medical & Clinical Laboratory Technologists	BD	\$33,070	\$50,480	\$59,180	240	260	8.3%	8
29-2012	Medical & Clinical Laboratory Technicians	AD	\$27,320	\$41,730	\$48,940	250	270	8.0%	8
29-2021	Dental Hygienists	AD	\$39,990	\$53,610	\$60,430	260	300	15.4%	11
29-2031	Cardiovascular Technologists & Technicians	AD	\$36,020	\$51,260	\$58,880	120	150	25.0%	5
29-2032	Diagnostic Medical Sonographers	AD	\$50,380	\$66,220	\$74,150	80	100	25.0%	4
29-2034	Radiologic Technologists	AD	\$42,820	\$59,510	\$67,850	330	420	27.3%	13
29-2041	Emergency Medical Technicians & Paramedics	PS	\$22,000	\$28,800	\$32,210	390	480	23.1%	21
29-2052	Pharmacy Technicians	MT OJT	\$21,290	\$28,810	\$32,570	770	880	14.3%	20
29-2055	Surgical Technologists	PS	N/A	N/A	N/A	110	140	27.3%	4
29-2056	Veterinary Technologists & Technicians	AD	N/A	N/A	N/A	70	90	28.6%	3
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$34,280	\$43,210	\$47,680	1,460	1,860	27.4%	76
29-2071	Medical Records & Health Information Technicians	PS	\$26,760	\$37,680	\$43,140	230	280	21.7%	10
29-2081	Opticians, Dispensing	LT OJT	\$21,850	\$29,920	\$33,960	60	80	33.3%	4
31-1014	Nursing Assistants	PS	\$21,340	\$26,620	\$29,270	2,220	2,460	10.8%	66
31-2011	Occupational Therapy Assistants	AD	\$39,170	\$48,200	\$52,720	80	110	37.5%	5
31-2021	Physical Therapist Assistants	AD	\$36,330	\$48,680	\$54,860	130	170	30.8%	7
31-9091	Dental Assistants	PS	\$25,970	\$32,610	\$35,920	270	300	11.1%	8
31-9097	Phlebotomists	PS	\$26,300	\$30,170	\$32,100	430	540	25.6%	19
35-1011	Chefs & Head Cooks	WK EXP	\$32,450	\$41,690	\$46,300	160	160	0.0%	2
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$20,800	\$34,600	\$41,510	810	870	7.4%	29
39-3011	Gaming Dealers	ST OJT	N/A	N/A	N/A	0	0	0.0%	0
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	\$16,930	\$26,740	\$31,640	270	310	14.8%	7
41-1011	Supervisors - Retail Sales Workers	WK EXP	\$29,290	\$44,890	\$52,690	1,910	1,870	-2.1%	42
41-2021	Counter & Rental Clerks	ST OJT	\$16,990	\$24,270	\$27,910	450	490	8.9%	16
41-3011	Advertising Sales Agents	MT OJT	\$25,950	\$35,800	\$40,720	130	130	0.0%	4
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	\$36,000	\$76,980	\$97,470	490	480	-2.0%	11
41-4011	Sales Representatives, Technical & Scientific Products	BD+	\$38,270	\$60,630	\$71,820	120	120	0.0%	3
41-4012	Sales Representatives	MT OJT	\$31,120	\$58,810	\$72,660	2,640	2,670	1.1%	55
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$35,590	\$54,520	\$63,990	1,710	1,860	8.8%	56
43-3011	Bill & Account Collectors	MT OJT	\$23,600	\$33,670	\$38,700	510	560	9.8%	19
43-3021	Billing & Posting Clerks	MT OJT	\$22,050	\$30,330	\$34,460	790	940	19.0%	30

2016 High Priority Occupations for Luzerne-Schuylkill Counties Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	\$21,670	\$32,810	\$38,370	2,200	2,340	6.4%	34
43-4011	Brokerage Clerks	MT OJT	\$35,410	\$49,050	\$55,870	20	10	-50.0%	0
43-4051	Customer Service Representatives	ST OJT	\$20,760	\$29,520	\$33,900	3,750	4,020	7.2%	130
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	\$17,400	\$22,080	\$24,420	210	220	4.8%	11
43-5011	Cargo & Freight Agents	ST OJT	\$32,170	\$40,960	\$45,360	70	70	0.0%	3
43-5032	Dispatchers	MT OJT	\$23,330	\$38,920	\$46,720	290	290	0.0%	8
43-5061	Production, Planning & Expediting Clerks	MT OJT	\$30,600	\$38,630	\$42,640	550	560	1.8%	15
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	\$24,140	\$33,390	\$38,010	1,560	1,620	3.8%	47
43-6012	Legal Secretaries	MT OJT	\$27,360	\$33,360	\$36,360	140	140	0.0%	2
43-6013	Medical Secretaries	MT OJT	\$24,540	\$32,670	\$36,740	490	620	26.5%	19
43-6014	Secretaries	ST OJT	\$22,450	\$31,710	\$36,340	3,350	3,630	8.4%	68
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	\$22,830	\$33,130	\$38,280	150	160	6.7%	5
43-9061	Office Clerks, General	ST OJT	\$19,710	\$30,030	\$35,190	4,360	4,550	4.4%	111
45-1011	Farm & Forestry Worker Supervisors	WK EXP	N/A	N/A	N/A	60	60	0.0%	1
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	\$47,940	\$67,040	\$76,580	610	720	18.0%	18
47-2021	Brickmasons & Blockmasons	LT OJT	N/A	N/A	N/A	60	90	50.0%	3
47-2031	Carpenters	LT OJT	\$27,040	\$39,000	\$44,980	1,560	1,880	20.5%	51
47-2051	Cement Masons & Concrete Finishers	MT OJT	\$29,060	\$46,880	\$55,790	250	310	24.0%	9
47-2061	Construction Laborers	ST OJT	\$19,560	\$33,960	\$41,160	1,100	1,330	20.9%	47
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	\$35,250	\$45,750	\$51,000	710	780	9.9%	22
47-2111	Electricians	LT OJT	\$31,460	\$52,000	\$62,260	820	910	11.0%	25
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$33,760	\$47,650	\$54,590	280	330	17.9%	8
47-2211	Sheet Metal Workers	LT OJT	\$32,860	\$51,490	\$60,810	270	280	3.7%	6
47-2221	Structural Iron & Steel Workers	LT OJT	N/A	N/A	N/A	0	0	0.0%	0
47-4011	Construction & Building Inspectors	WK EXP	\$21,350	\$32,020	\$37,360	70	70	0.0%	2
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	N/A	N/A	N/A	20	20	0.0%	1
47-5071	Roustabouts, Oil & Gas	MT OJT	N/A	N/A	N/A	70	70	0.0%	2
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$45,030	\$68,000	\$79,480	640	670	4.7%	20
49-2098	Security & Fire Alarm Systems Installers	MT OJT	\$32,760	\$49,220	\$57,460	120	140	16.7%	4
49-3021	Automotive Body & Related Repairers	LT OJT	\$20,780	\$34,610	\$41,520	170	180	5.9%	4
49-3023	Automotive Service Technicians & Mechanics	PS	\$23,420	\$33,280	\$38,200	1,160	1,250	7.8%	38
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	\$33,550	\$44,310	\$49,690	690	740	7.2%	20
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	N/A	N/A	N/A	10	10	0.0%	0
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$31,520	\$48,760	\$57,380	430	520	20.9%	20
49-9041	Industrial Machinery Mechanics	LT OJT	\$34,840	\$45,880	\$51,400	970	1,160	19.6%	48
49-9043	Maintenance Workers, Machinery	MT OJT	\$34,040	\$44,920	\$50,360	270	310	14.8%	8

2016 High Priority Occupations for Luzerne-Schuylkill Counties Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	N/A	N/A	N/A	40	50	25.0%	3
49-9052	Telecommunications Line Installers & Repairers	LT OJT	\$56,330	\$67,610	\$73,250	310	310	0.0%	9
49-9071	Maintenance & Repair Workers, General	LT OJT	\$25,390	\$38,640	\$45,260	2,250	2,470	9.8%	65
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$40,040	\$55,480	\$63,200	1,220	1,250	2.5%	19
51-2092	Team Assemblers	MT OJT	\$20,050	\$29,260	\$33,870	2,370	2,640	11.4%	64
51-3021	Butchers & Meat Cutters	LT OJT	\$24,160	\$33,030	\$37,470	280	290	3.6%	8
51-3092	Food Batchmakers	MT OJT	\$25,580	\$33,510	\$37,470	240	230	-4.2%	8
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	\$31,070	\$37,760	\$41,100	360	420	16.7%	16
51-4012	CNC Machine Tool Programmers, Metal & Plastic	LT OJT	\$42,730	\$51,650	\$56,110	20	30	50.0%	1
51-4033	Grinding, Lapping, Polishing & Buffing Machine Operators, Metal & Plastic	MT OJT	\$32,790	\$39,670	\$43,110	150	130	-13.3%	3
51-4041	Machinists	LT OJT	\$34,160	\$47,540	\$54,240	460	490	6.5%	14
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	\$17,260	\$30,650	\$37,340	170	150	-11.8%	3
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$32,890	\$43,620	\$48,980	540	560	3.7%	16
51-5112	Printing Press Operators	MT OJT	\$28,540	\$36,980	\$41,190	550	510	-7.3%	10
51-5113	Print Binding & Finishing Workers	ST OJT	\$24,170	\$31,180	\$34,680	130	110	-15.4%	2
51-9011	Chemical Equipment Operators & Tenders	MT OJT	\$29,550	\$39,590	\$44,620	170	180	5.9%	7
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$24,350	\$34,850	\$40,110	1,080	1,190	10.2%	35
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	\$22,620	\$31,320	\$35,670	1,690	1,920	13.6%	64
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	\$47,430	\$64,320	\$72,760	390	420	7.7%	14
53-3021	Bus Drivers, Transit & Intercity	MT OJT	N/A	N/A	N/A	260	260	0.0%	5
53-3022	Bus Drivers, School or Special Client	ST OJT	\$18,370	\$26,800	\$31,020	880	930	5.7%	21
53-3031	Driver/Sales Workers	ST OJT	\$21,580	\$32,000	\$37,200	510	520	2.0%	8
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	\$28,480	\$44,010	\$51,780	3,740	4,000	7.0%	86
53-3033	Light Truck or Delivery Services Drivers	ST OJT	\$19,060	\$33,940	\$41,380	1,780	1,820	2.2%	32
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$26,520	\$35,050	\$39,310	1,520	1,530	0.7%	36

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.

2016 High Priority Occupations for Montgomery County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
11-2022	Sales Managers	BD+	\$83,810	\$159,260	\$196,990	1,570	1,700	8.3%	47
11-9151	Social & Community Service Managers	BD+	\$48,370	\$75,430	\$88,970	410	460	12.2%	13
13-1023	Purchasing Agents	BD+	\$45,770	\$68,040	\$79,170	1,740	1,900	9.2%	48
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	\$44,120	\$64,600	\$74,840	1,640	1,700	3.7%	43
13-1051	Cost Estimators	BD	\$46,780	\$68,480	\$79,340	1,070	1,240	15.9%	52
13-1081	Logisticians	BD	\$50,150	\$75,930	\$88,820	570	710	24.6%	21
13-1151	Training & Development Specialists	BD+	\$45,230	\$71,050	\$83,960	1,280	1,430	11.7%	39
13-1161	Market Research Analysts & Marketing Specialists	BD	\$38,460	\$71,280	\$87,690	3,720	4,690	26.1%	148
13-2011	Accountants & Auditors	BD	\$47,020	\$76,170	\$90,750	6,760	7,560	11.8%	280
13-2051	Financial Analysts	BD	\$51,380	\$86,340	\$103,820	1,550	1,900	22.6%	73
15-1121	Computer Systems Analysts	BD	\$62,140	\$89,950	\$103,850	3,060	3,800	24.2%	122
15-1131	Computer Programmers	BD	\$51,210	\$85,010	\$101,910	2,430	2,660	9.5%	86
15-1132	Software Developers, Applications	BD	\$73,700	\$101,050	\$114,720	2,430	2,890	18.9%	77
15-1133	Software Developers, Systems Software	BD	\$71,820	\$98,440	\$111,750	3,010	3,660	21.6%	104
15-1142	Network & Computer Systems Administrators	BD	\$59,430	\$87,750	\$101,910	2,190	2,480	13.2%	63
15-1151	Computer User Support Specialists	PS	\$37,170	\$59,780	\$71,090	2,650	3,200	20.8%	96
15-1152	Computer Network Support Specialists	AD	\$48,300	\$71,450	\$83,020	800	890	11.3%	22
17-2051	Civil Engineers	BD	\$56,430	\$88,740	\$104,900	1,130	1,310	15.9%	45
17-2072	Electronics Engineers	BD	\$61,610	\$90,320	\$104,680	340	340	0.0%	8
17-2112	Industrial Engineers	BD	\$65,060	\$93,630	\$107,920	1,120	1,240	10.7%	45
17-2141	Mechanical Engineers	BD	\$60,140	\$107,170	\$130,690	1,000	1,090	9.0%	42
17-3024	Electro-Mechanical Technicians	AD	\$38,070	\$50,590	\$56,850	80	80	0.0%	2
17-3026	Industrial Engineering Technicians	AD	\$41,380	\$63,840	\$75,080	180	210	16.7%	7
19-4021	Biological Technicians	BD	\$31,060	\$47,150	\$55,200	1,120	1,240	10.7%	46
21-1011	Substance Abuse & Behavioral Disorder Counselors	BD	\$33,800	\$47,140	\$53,810	580	710	22.4%	25
21-1012	Educational, Guidance, School & Vocational Counselors	MD	\$44,040	\$72,120	\$86,160	800	850	6.3%	22
21-1015	Rehabilitation Counselors	MD	\$26,470	\$39,310	\$45,730	440	500	13.6%	15
21-1021	Child, Family & School Social Workers	BD	\$27,760	\$41,950	\$49,040	790	810	2.5%	20
21-1022	Healthcare Social Workers	MD	\$39,630	\$54,130	\$61,380	560	710	26.8%	27
21-1023	Mental Health & Substance Abuse Social Workers	BD	\$26,770	\$40,520	\$47,390	380	470	23.7%	17
21-1091	Health Educators	BD	\$37,350	\$56,080	\$65,450	220	250	13.6%	9
21-1093	Social & Human Service Assistants	ST OJT	\$22,000	\$31,630	\$36,450	900	1,000	11.1%	33
23-2011	Paralegals & Legal Assistants	AD	\$39,070	\$58,080	\$67,580	480	590	22.9%	19
25-2011	Preschool Teachers	AD	\$21,790	\$26,460	\$28,790	1,380	1,600	15.9%	61
25-2032	Career/Technical Education Teachers, Secondary School	BD+	\$49,780	\$69,570	\$79,470	340	340	0.0%	9
25-3021	Self-Enrichment Education Teachers	WK EXP	\$20,900	\$41,860	\$52,340	1,320	1,370	3.8%	27

2016 High Priority Occupations for Montgomery County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
25-9041	Teacher Assistants	PS	\$21,680	\$30,190	\$34,450	3,230	3,410	5.6%	90
27-1014	Multimedia Artists & Animators	BD	\$41,930	\$60,950	\$70,460	180	190	5.6%	5
27-1024	Graphic Designers	BD	\$33,230	\$52,590	\$62,270	1,450	1,520	4.8%	45
27-2022	Coaches & Scouts	BD	\$17,020	\$32,290	\$39,930	700	780	11.4%	29
29-1051	Pharmacists	PROF	\$102,940	\$120,120	\$128,710	920	1,050	14.1%	35
29-1071	Physician Assistants	MD	\$63,580	\$93,000	\$107,710	340	360	5.9%	8
29-1126	Respiratory Therapists	AD	\$50,210	\$61,490	\$67,130	280	340	21.4%	10
29-1141	Registered Nurses	BD	\$52,110	\$70,450	\$79,620	9,580	11,310	18.1%	359
29-1171	Nurse Practitioners	MD	\$55,490	\$85,110	\$99,910	260	310	19.2%	10
29-2011	Medical & Clinical Laboratory Technologists	BD	\$49,500	\$65,950	\$74,180	740	730	-1.4%	20
29-2012	Medical & Clinical Laboratory Technicians	AD	\$31,450	\$43,460	\$49,460	1,030	1,090	5.8%	32
29-2021	Dental Hygienists	AD	\$45,330	\$64,950	\$74,760	770	860	11.7%	29
29-2031	Cardiovascular Technologists & Technicians	AD	\$39,650	\$54,500	\$61,920	130	170	30.8%	6
29-2032	Diagnostic Medical Sonographers	AD	\$52,270	\$67,700	\$75,420	100	140	40.0%	6
29-2034	Radiologic Technologists	AD	\$38,200	\$56,050	\$64,970	710	820	15.5%	21
29-2041	Emergency Medical Technicians & Paramedics	PS	\$32,210	\$38,450	\$41,570	700	960	37.1%	45
29-2052	Pharmacy Technicians	MT OJT	\$22,940	\$32,320	\$37,000	960	1,100	14.6%	24
29-2055	Surgical Technologists	PS	\$32,370	\$41,980	\$46,780	90	120	33.3%	4
29-2056	Veterinary Technologists & Technicians	AD	\$31,360	\$39,880	\$44,150	370	380	2.7%	6
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$39,820	\$51,000	\$56,590	2,410	2,940	22.0%	112
29-2071	Medical Records & Health Information Technicians	PS	\$28,220	\$37,090	\$41,520	670	790	17.9%	30
29-2081	Opticians, Dispensing	LT OJT	\$33,640	\$46,220	\$52,510	290	330	13.8%	12
31-1014	Nursing Assistants	PS	\$24,590	\$29,160	\$31,450	5,680	6,340	11.6%	174
31-2011	Occupational Therapy Assistants	AD	\$30,120	\$43,810	\$50,660	130	170	30.8%	7
31-2021	Physical Therapist Assistants	AD	\$24,510	\$43,950	\$53,670	250	320	28.0%	13
31-9091	Dental Assistants	PS	\$25,980	\$36,000	\$41,020	900	940	4.4%	22
31-9092	Medical Assistants	PS	\$24,060	\$33,540	\$38,280	1,970	2,270	15.2%	68
31-9097	Phlebotomists	PS	\$25,360	\$31,120	\$34,000	130	140	7.7%	4
35-1011	Chefs & Head Cooks	WK EXP	\$38,930	\$55,780	\$64,210	340	350	2.9%	7
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$22,000	\$38,660	\$46,990	1,710	1,860	8.8%	63
39-3011	Gaming Dealers	ST OJT	N/A	N/A	N/A	0	0	0.0%	0
39-9011	Childcare Workers	ST OJT	\$16,940	\$21,400	\$23,630	4,500	5,080	12.9%	190
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	\$21,140	\$37,780	\$46,100	1,850	2,140	15.7%	51
41-1011	Supervisors - Retail Sales Workers	WK EXP	\$33,570	\$52,140	\$61,430	4,270	4,230	-0.9%	93
41-2021	Counter & Rental Clerks	ST OJT	\$22,080	\$34,130	\$40,150	1,160	1,230	6.0%	37
41-3011	Advertising Sales Agents	MT OJT	\$19,490	\$52,320	\$68,740	950	970	2.1%	31

2016 High Priority Occupations for Montgomery County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	\$45,260	\$101,050	\$128,950	2,300	2,570	11.7%	80
41-4011	Sales Representatives, Technical & Scientific Products	BD+	\$48,220	\$116,120	\$150,070	3,410	3,550	4.1%	81
41-4012	Sales Representatives	MT OJT	\$34,900	\$71,850	\$90,320	7,090	7,390	4.2%	168
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$41,410	\$63,850	\$75,070	5,100	5,560	9.0%	167
43-3011	Bill & Account Collectors	MT OJT	\$25,670	\$37,140	\$42,870	1,760	1,880	6.8%	61
43-3021	Billing & Posting Clerks	MT OJT	\$27,790	\$39,260	\$45,000	3,120	3,410	9.3%	86
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	\$29,940	\$41,590	\$47,420	6,990	7,640	9.3%	129
43-4011	Brokerage Clerks	MT OJT	\$30,110	\$46,490	\$54,680	520	490	-5.8%	14
43-4051	Customer Service Representatives	ST OJT	\$25,840	\$37,950	\$44,010	11,250	12,190	8.4%	400
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	\$20,840	\$27,520	\$30,860	390	440	12.8%	24
43-5011	Cargo & Freight Agents	ST OJT	\$37,610	\$45,010	\$48,710	140	150	7.1%	4
43-5032	Dispatchers	MT OJT	\$27,320	\$43,790	\$52,020	570	590	3.5%	19
43-5061	Production, Planning & Expediting Clerks	MT OJT	\$34,320	\$49,900	\$57,700	1,720	1,850	7.6%	56
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	\$24,070	\$33,850	\$38,730	2,260	2,310	2.2%	64
43-6012	Legal Secretaries	MT OJT	\$38,870	\$47,060	\$51,150	780	770	-1.3%	9
43-6013	Medical Secretaries	MT OJT	\$27,220	\$37,340	\$42,390	2,070	2,490	20.3%	67
43-6014	Secretaries	ST OJT	\$25,220	\$36,910	\$42,760	10,320	11,390	10.4%	230
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	\$32,500	\$42,140	\$46,970	1,760	1,820	3.4%	53
43-9061	Office Clerks, General	ST OJT	\$21,150	\$33,410	\$39,540	10,480	10,760	2.7%	247
45-1011	Farm & Forestry Worker Supervisors	WK EXP	N/A	N/A	N/A	20	20	0.0%	0
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	\$56,480	\$81,540	\$94,070	1,510	1,740	15.2%	39
47-2021	Brickmasons & Blockmasons	LT OJT	\$51,030	\$66,760	\$74,620	370	460	24.3%	14
47-2031	Carpenters	LT OJT	\$33,060	\$59,010	\$71,990	4,280	4,870	13.8%	113
47-2051	Cement Masons & Concrete Finishers	MT OJT	\$35,320	\$50,630	\$58,290	590	690	16.9%	17
47-2061	Construction Laborers	ST OJT	\$29,920	\$44,690	\$52,080	3,600	4,190	16.4%	136
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	\$47,040	\$71,960	\$84,420	960	1,100	14.6%	34
47-2111	Electricians	LT OJT	\$37,530	\$64,960	\$78,680	1,900	2,130	12.1%	59
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$44,920	\$69,610	\$81,960	710	790	11.3%	17
47-2211	Sheet Metal Workers	LT OJT	\$28,830	\$59,460	\$74,770	120	130	8.3%	3
47-2221	Structural Iron & Steel Workers	LT OJT	N/A	N/A	N/A	100	110	10.0%	4
47-4011	Construction & Building Inspectors	WK EXP	\$37,310	\$56,710	\$66,410	290	320	10.3%	10
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	N/A	N/A	N/A	N/A	N/A	N/A	
47-5071	Roustabouts, Oil & Gas	MT OJT	N/A	N/A	N/A	0	0	0.0%	0
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$53,120	\$73,590	\$83,830	1,220	1,290	5.7%	40
49-2098	Security & Fire Alarm Systems Installers	MT OJT	\$39,250	\$50,240	\$55,740	330	360	9.1%	10
49-3021	Automotive Body & Related Repairers	LT OJT	\$40,300	\$54,030	\$60,900	610	660	8.2%	17

2016 High Priority Occupations for Montgomery County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
49-3023	Automotive Service Technicians & Mechanics	PS	\$30,040	\$44,070	\$51,080	2,820	3,030	7.4%	92
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	\$35,680	\$51,450	\$59,340	480	520	8.3%	13
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	N/A	N/A	N/A	0	0	N/A	0
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$34,720	\$52,280	\$61,060	1,440	1,590	10.4%	51
49-9041	Industrial Machinery Mechanics	LT OJT	\$36,930	\$51,870	\$59,350	1,120	1,360	21.4%	56
49-9043	Maintenance Workers, Machinery	MT OJT	\$39,120	\$49,990	\$55,430	190	230	21.1%	5
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	\$51,160	\$60,710	\$65,490	220	260	18.2%	12
49-9052	Telecommunications Line Installers & Repairers	LT OJT	\$44,790	\$66,200	\$76,900	830	870	4.8%	25
49-9071	Maintenance & Repair Workers, General	LT OJT	\$28,200	\$42,600	\$49,800	4,530	4,970	9.7%	131
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$47,300	\$68,480	\$79,060	1,980	1,960	-1.0%	28
51-2092	Team Assemblers	MT OJT	\$24,710	\$33,370	\$37,700	2,170	2,170	0.0%	34
51-3021	Butchers & Meat Cutters	LT OJT	\$33,030	\$43,560	\$48,830	410	410	0.0%	10
51-3092	Food Batchmakers	MT OJT	\$24,290	\$36,430	\$42,510	450	420	-6.7%	15
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	\$28,100	\$40,600	\$46,850	490	590	20.4%	24
51-4012	CNC Machine Tool Programmers, Metal & Plastic	LT OJT	\$46,430	\$60,030	\$66,830	40	50	25.0%	2
51-4033	Grinding, Lapping, Polishing & Buffing Machine Operators, Metal & Plastic	MT OJT	\$28,330	\$38,330	\$43,340	200	180	-10.0%	4
51-4041	Machinists	LT OJT	\$31,960	\$45,520	\$52,300	1,410	1,600	13.5%	52
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	\$27,550	\$40,020	\$46,250	250	250	0.0%	5
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$29,030	\$40,450	\$46,160	460	470	2.2%	12
51-5112	Printing Press Operators	MT OJT	\$30,020	\$46,780	\$55,160	690	690	0.0%	12
51-5113	Print Binding & Finishing Workers	ST OJT	N/A	N/A	N/A	190	180	-5.3%	3
51-9011	Chemical Equipment Operators & Tenders	MT OJT	\$25,860	\$39,360	\$46,110	580	550	-5.2%	20
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$29,210	\$43,950	\$51,320	1,830	1,940	6.0%	51
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	\$24,040	\$34,440	\$39,640	1,090	1,080	-0.9%	26
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	\$45,820	\$63,660	\$72,580	460	510	10.9%	18
53-3031	Driver/Sales Workers	ST OJT	\$17,090	\$26,830	\$31,700	1,870	1,940	3.7%	37
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	\$33,920	\$47,680	\$54,560	3,790	4,440	17.2%	126
53-3033	Light Truck or Delivery Services Drivers	ST OJT	\$19,210	\$32,160	\$38,640	2,700	2,680	-0.7%	43
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$28,020	\$37,060	\$41,580	1,050	1,020	-2.9%	24

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.

2016 High Priority Occupations for Montgomery County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings

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.

2016 High Priority Occupations for North Central Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
11-2022	Sales Managers	BD+	\$78,030	\$127,870	\$152,790	110	110	0.0%	2
11-9151	Social & Community Service Managers	BD+	\$36,640	\$53,720	\$62,260	160	190	18.8%	7
13-1023	Purchasing Agents	BD+	\$37,190	\$53,850	\$62,190	160	170	6.3%	3
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	N/A	N/A	N/A	10	10	0.0%	0
13-1051	Cost Estimators	BD	\$43,820	\$58,750	\$66,220	90	110	22.2%	4
13-1081	Logisticians	BD	\$39,000	\$57,370	\$66,560	20	20	0.0%	0
13-1151	Training & Development Specialists	BD+	\$39,890	\$54,300	\$61,500	100	110	10.0%	3
13-1161	Market Research Analysts & Marketing Specialists	BD	\$34,100	\$52,990	\$62,440	100	110	10.0%	2
13-2011	Accountants & Auditors	BD	\$33,000	\$62,970	\$77,960	570	610	7.0%	21
13-2051	Financial Analysts	BD	\$49,020	\$81,140	\$97,200	0	10	N/A	0
15-1121	Computer Systems Analysts	BD	\$43,390	\$53,520	\$58,590	30	30	0.0%	1
15-1131	Computer Programmers	BD	\$44,840	\$59,340	\$66,590	60	60	0.0%	2
15-1132	Software Developers, Applications	BD	\$41,810	\$59,360	\$68,140	20	20	0.0%	0
15-1133	Software Developers, Systems Software	BD	N/A	N/A	N/A	10	10	0.0%	0
15-1142	Network & Computer Systems Administrators	BD	\$34,130	\$50,720	\$59,020	100	100	0.0%	3
15-1151	Computer User Support Specialists	PS	\$24,690	\$40,210	\$47,960	150	170	13.3%	3
15-1152	Computer Network Support Specialists	AD	\$35,130	\$47,720	\$54,010	30	30	0.0%	0
17-2051	Civil Engineers	BD	\$57,620	\$76,350	\$85,710	120	130	8.3%	4
17-2072	Electronics Engineers	BD	\$66,160	\$88,370	\$99,470	60	60	0.0%	1
17-2112	Industrial Engineers	BD	\$53,770	\$70,680	\$79,130	150	160	6.7%	4
17-2141	Mechanical Engineers	BD	\$43,180	\$60,220	\$68,730	160	170	6.3%	7
17-3011	Architectural & Civil Drafters	AD	\$42,970	\$52,670	\$57,520	40	40	0.0%	0
17-3013	Mechanical Drafters	AD	\$28,710	\$48,890	\$58,980	90	90	0.0%	1
17-3026	Industrial Engineering Technicians	AD	\$34,040	\$48,920	\$56,370	10	10	0.0%	0
19-4021	Biological Technicians	BD	N/A	N/A	N/A	10	0	-100.0%	0
21-1011	Substance Abuse & Behavioral Disorder Counselors	BD	\$41,750	\$52,840	\$58,380	170	220	29.4%	9
21-1012	Educational, Guidance, School & Vocational Counselors	MD	\$35,330	\$51,400	\$59,430	180	190	5.6%	5
21-1015	Rehabilitation Counselors	MD	\$21,310	\$35,780	\$43,010	140	170	21.4%	7
21-1021	Child, Family & School Social Workers	BD	\$23,160	\$30,640	\$34,380	130	150	15.4%	5
21-1022	Healthcare Social Workers	MD	\$28,030	\$36,240	\$40,340	120	160	33.3%	6
21-1023	Mental Health & Substance Abuse Social Workers	BD	\$19,170	\$29,120	\$34,090	140	160	14.3%	6
21-1091	Health Educators	BD	\$39,100	\$59,060	\$69,040	30	40	33.3%	2
21-1093	Social & Human Service Assistants	ST OJT	\$18,340	\$26,740	\$30,940	350	420	20.0%	16
23-2011	Paralegals & Legal Assistants	AD	N/A	N/A	N/A	0	0	0.0%	0
25-2032	Career/Technical Education Teachers, Secondary School	BD+	\$30,670	\$45,040	\$52,230	110	110	0.0%	3
25-3021	Self-Enrichment Education Teachers	WK EXP	N/A	N/A	N/A	100	100	0.0%	3

2016 High Priority Occupations for North Central Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
27-2022	Coaches & Scouts	BD	\$17,130	\$19,680	\$20,950	130	120	-7.7%	4
29-1051	Pharmacists	PROF	\$84,790	\$106,680	\$117,620	170	190	11.8%	6
29-1071	Physician Assistants	MD	\$75,580	\$89,030	\$95,760	80	100	25.0%	3
29-1126	Respiratory Therapists	AD	\$43,820	\$54,190	\$59,380	60	70	16.7%	2
29-1141	Registered Nurses	BD	\$45,150	\$55,510	\$60,690	2,170	2,720	25.3%	96
29-1171	Nurse Practitioners	MD	\$37,260	\$66,980	\$81,830	30	40	33.3%	2
29-2011	Medical & Clinical Laboratory Technologists	BD	\$43,400	\$51,920	\$56,180	130	140	7.7%	4
29-2012	Medical & Clinical Laboratory Technicians	AD	\$33,220	\$42,140	\$46,590	150	160	6.7%	5
29-2021	Dental Hygienists	AD	\$29,720	\$48,150	\$57,360	60	70	16.7%	2
29-2031	Cardiovascular Technologists & Technicians	AD	\$35,810	\$47,300	\$53,050	30	50	66.7%	1
29-2032	Diagnostic Medical Sonographers	AD	\$48,100	\$57,050	\$61,520	30	40	33.3%	1
29-2034	Radiologic Technologists	AD	\$41,680	\$48,010	\$51,180	120	150	25.0%	4
29-2041	Emergency Medical Technicians & Paramedics	PS	\$19,290	\$28,840	\$33,610	230	280	21.7%	11
29-2052	Pharmacy Technicians	MT OJT	\$20,690	\$26,300	\$29,110	240	270	12.5%	5
29-2055	Surgical Technologists	PS	\$32,730	\$39,540	\$42,950	50	70	40.0%	2
29-2056	Veterinary Technologists & Technicians	AD	N/A	N/A	N/A	30	40	33.3%	0
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$31,490	\$36,620	\$39,180	910	1,140	25.3%	44
29-2071	Medical Records & Health Information Technicians	PS	\$26,300	\$36,160	\$41,100	80	100	25.0%	4
29-2081	Opticians, Dispensing	LT OJT	\$19,430	\$25,530	\$28,590	40	40	0.0%	2
31-1011	Home Health Aides	ST OJT	\$17,040	\$19,010	\$19,990	1,210	1,760	45.5%	78
31-1014	Nursing Assistants	PS	\$21,030	\$25,180	\$27,260	1,540	1,780	15.6%	53
31-2011	Occupational Therapy Assistants	AD	\$33,640	\$47,320	\$54,170	20	20	0.0%	0
31-2021	Physical Therapist Assistants	AD	\$31,580	\$42,620	\$48,140	90	120	33.3%	4
31-9091	Dental Assistants	PS	\$23,660	\$31,190	\$34,960	210	220	4.8%	5
31-9092	Medical Assistants	PS	\$23,380	\$27,140	\$29,020	230	270	17.4%	8
31-9097	Phlebotomists	PS	\$24,860	\$29,550	\$31,900	60	70	16.7%	2
35-1011	Chefs & Head Cooks	WK EXP	\$25,030	\$39,950	\$47,420	20	20	0.0%	0
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$19,910	\$30,330	\$35,540	430	470	9.3%	16
39-3011	Gaming Dealers	ST OJT	N/A	N/A	N/A	0	0	0.0%	0
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	\$17,070	\$20,560	\$22,300	110	130	18.2%	3
41-1011	Supervisors - Retail Sales Workers	WK EXP	\$20,430	\$37,710	\$46,360	980	950	-3.1%	21
41-2021	Counter & Rental Clerks	ST OJT	\$17,390	\$23,440	\$26,460	230	260	13.0%	9
41-3011	Advertising Sales Agents	MT OJT	\$22,260	\$31,950	\$36,790	80	70	-12.5%	2
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	\$22,110	\$49,060	\$62,530	70	70	0.0%	2
41-4011	Sales Representatives, Technical & Scientific Products	BD+	\$37,290	\$83,330	\$106,360	40	40	0.0%	1
41-4012	Sales Representatives	MT OJT	\$30,080	\$58,670	\$72,970	870	880	1.1%	18

2016 High Priority Occupations for North Central Workforce Development Area

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			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$31,020	\$48,440	\$57,150	630	650	3.2%	18
43-3011	Bill & Account Collectors	MT OJT	\$20,260	\$31,370	\$36,930	60	70	16.7%	3
43-3021	Billing & Posting Clerks	MT OJT	\$19,250	\$27,900	\$32,230	330	370	12.1%	10
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	\$18,660	\$29,920	\$35,550	1,250	1,330	6.4%	20
43-4011	Brokerage Clerks	MT OJT	N/A	N/A	N/A	0	0	0.0%	0
43-4051	Customer Service Representatives	ST OJT	\$20,490	\$30,950	\$36,180	860	870	1.2%	25
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	\$17,210	\$20,340	\$21,900	310	330	6.5%	17
43-5011	Cargo & Freight Agents	ST OJT	N/A	N/A	N/A	0	0	0.0%	0
43-5032	Dispatchers	MT OJT	\$37,180	\$46,790	\$51,600	120	150	25.0%	6
43-5061	Production, Planning & Expediting Clerks	MT OJT	\$29,920	\$42,890	\$49,380	210	220	4.8%	5
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	\$21,460	\$30,100	\$34,420	470	470	0.0%	12
43-6012	Legal Secretaries	MT OJT	\$17,540	\$25,610	\$29,650	50	50	0.0%	1
43-6013	Medical Secretaries	MT OJT	\$19,280	\$25,580	\$28,740	360	480	33.3%	16
43-6014	Secretaries	ST OJT	\$20,940	\$28,720	\$32,600	1,440	1,540	6.9%	27
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	\$22,960	\$33,220	\$38,350	40	50	25.0%	2
43-9061	Office Clerks, General	ST OJT	\$18,210	\$26,360	\$30,440	2,230	2,330	4.5%	57
45-1011	Farm & Forestry Worker Supervisors	WK EXP	\$44,420	\$54,140	\$59,010	100	100	0.0%	2
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	\$34,670	\$56,540	\$67,470	470	540	14.9%	11
47-2021	Brickmasons & Blockmasons	LT OJT	\$34,190	\$44,980	\$50,370	20	30	50.0%	1
47-2031	Carpenters	LT OJT	\$27,310	\$35,630	\$39,790	650	720	10.8%	15
47-2051	Cement Masons & Concrete Finishers	MT OJT	\$30,280	\$45,830	\$53,600	80	90	12.5%	2
47-2061	Construction Laborers	ST OJT	\$21,100	\$31,240	\$36,320	750	890	18.7%	30
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	\$28,860	\$41,110	\$47,230	720	770	6.9%	20
47-2111	Electricians	LT OJT	\$38,860	\$58,840	\$68,840	280	290	3.6%	6
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$29,810	\$36,720	\$40,180	220	220	0.0%	4
47-2211	Sheet Metal Workers	LT OJT	N/A	N/A	N/A	110	110	0.0%	2
47-2221	Structural Iron & Steel Workers	LT OJT	N/A	N/A	N/A	20	20	0.0%	1
47-4011	Construction & Building Inspectors	WK EXP	\$40,100	\$49,410	\$54,070	110	120	9.1%	3
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	\$31,730	\$52,870	\$63,440	290	330	13.8%	16
47-5071	Roustabouts, Oil & Gas	MT OJT	\$31,300	\$40,980	\$45,820	130	160	23.1%	6
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$44,130	\$60,080	\$68,050	370	390	5.4%	12
49-2098	Security & Fire Alarm Systems Installers	MT OJT	N/A	N/A	N/A	0	0	0.0%	0
49-3021	Automotive Body & Related Repairers	LT OJT	\$24,300	\$31,870	\$35,660	210	220	4.8%	6
49-3023	Automotive Service Technicians & Mechanics	PS	\$21,190	\$32,610	\$38,330	600	620	3.3%	18
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	\$27,090	\$34,010	\$37,460	300	330	10.0%	9
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	N/A	N/A	N/A	10	10	0.0%	0

2016 High Priority Occupations for North Central Workforce Development Area

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			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$27,420	\$36,380	\$40,860	140	140	0.0%	4
49-9041	Industrial Machinery Mechanics	LT OJT	\$32,470	\$47,630	\$55,210	340	430	26.5%	19
49-9043	Maintenance Workers, Machinery	MT OJT	\$30,810	\$43,370	\$49,650	200	230	15.0%	5
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	N/A	N/A	N/A	50	50	0.0%	2
49-9052	Telecommunications Line Installers & Repairers	LT OJT	\$58,760	\$66,580	\$70,480	70	70	0.0%	2
49-9071	Maintenance & Repair Workers, General	LT OJT	\$23,530	\$35,550	\$41,560	1,510	1,620	7.3%	41
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$34,230	\$50,290	\$58,320	990	1,000	1.0%	15
51-2092	Team Assemblers	MT OJT	\$20,590	\$28,550	\$32,540	770	790	2.6%	13
51-3021	Butchers & Meat Cutters	LT OJT	N/A	N/A	N/A	110	100	-9.1%	3
51-3092	Food Batchmakers	MT OJT	N/A	N/A	N/A	20	20	0.0%	1
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	\$24,440	\$35,020	\$40,300	320	370	15.6%	14
51-4012	CNC Machine Tool Programmers, Metal & Plastic	LT OJT	\$31,880	\$41,210	\$45,880	50	60	20.0%	3
51-4021	Extruding & Drawing Machine Setters, Oprs & Tenders, Metal & Plastic	MT OJT	\$24,590	\$34,730	\$39,800	60	50	-16.7%	1
51-4033	Grinding, Lapping, Polishing & Buffing Machine Operators, Metal & Plastic	MT OJT	N/A	N/A	N/A	320	290	-9.4%	7
51-4041	Machinists	LT OJT	\$24,400	\$36,450	\$42,470	750	820	9.3%	24
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	\$22,760	\$32,370	\$37,170	260	250	-3.8%	5
51-4111	Tool & Die Makers	LT OJT	\$32,250	\$41,800	\$46,570	310	330	6.5%	4
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$25,440	\$33,440	\$37,440	550	570	3.6%	16
51-4191	Heat Treating Equipment Setters, Operators & Tenders, Metal & Plastic	MT OJT	\$22,090	\$28,000	\$30,950	190	180	-5.3%	4
51-5112	Printing Press Operators	MT OJT	\$18,750	\$30,140	\$35,830	110	100	-9.1%	2
51-5113	Print Binding & Finishing Workers	ST OJT	N/A	N/A	N/A	0	0	0.0%	0
51-9011	Chemical Equipment Operators & Tenders	MT OJT	\$28,070	\$39,760	\$45,610	70	70	0.0%	2
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$22,860	\$32,870	\$37,880	1,210	1,290	6.6%	35
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	\$20,550	\$29,940	\$34,640	310	320	3.2%	8
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	\$38,040	\$57,900	\$67,830	250	290	16.0%	11
53-3031	Driver/Sales Workers	ST OJT	\$17,100	\$21,340	\$23,460	300	280	-6.7%	5
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	\$21,690	\$36,420	\$43,780	2,350	2,860	21.7%	89
53-3033	Light Truck or Delivery Services Drivers	ST OJT	\$17,310	\$27,620	\$32,770	740	780	5.4%	16
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$26,720	\$36,970	\$42,090	520	530	1.9%	14

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.

2016 High Priority Occupations for North Central Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings

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.

2016 High Priority Occupations for Northern Tier Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
11-2022	Sales Managers	BD+	\$59,040	\$101,740	\$123,090	50	50	0.0%	1
11-9151	Social & Community Service Managers	BD+	\$41,240	\$56,200	\$63,690	50	70	40.0%	2
13-1023	Purchasing Agents	BD+	\$37,370	\$53,590	\$61,700	110	120	9.1%	3
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	N/A	N/A	N/A	10	20	100.0%	0
13-1051	Cost Estimators	BD	\$33,230	\$53,720	\$63,970	90	100	11.1%	4
13-1081	Logisticians	BD	\$59,340	\$81,920	\$93,220	20	20	0.0%	0
13-1151	Training & Development Specialists	BD+	\$27,590	\$46,540	\$56,020	70	80	14.3%	2
13-1161	Market Research Analysts & Marketing Specialists	BD	\$39,140	\$63,090	\$75,060	100	140	40.0%	5
13-2011	Accountants & Auditors	BD	\$33,570	\$59,910	\$73,080	400	450	12.5%	17
13-2051	Financial Analysts	BD	\$47,090	\$70,240	\$81,810	80	100	25.0%	4
15-1121	Computer Systems Analysts	BD	N/A	N/A	N/A	60	80	33.3%	3
15-1131	Computer Programmers	BD	\$56,060	\$71,560	\$79,320	30	20	-33.3%	1
15-1132	Software Developers, Applications	BD	\$46,110	\$60,730	\$68,040	50	50	0.0%	1
15-1133	Software Developers, Systems Software	BD	N/A	N/A	N/A	10	10	0.0%	0
15-1142	Network & Computer Systems Administrators	BD	\$34,290	\$52,180	\$61,130	100	110	10.0%	3
15-1151	Computer User Support Specialists	PS	\$30,130	\$39,720	\$44,520	80	100	25.0%	3
15-1152	Computer Network Support Specialists	AD	\$47,000	\$60,870	\$67,810	10	10	0.0%	0
17-2051	Civil Engineers	BD	\$66,240	\$85,140	\$94,580	80	110	37.5%	5
17-2072	Electronics Engineers	BD	\$53,280	\$70,910	\$79,720	10	10	0.0%	0
17-2112	Industrial Engineers	BD	\$58,290	\$90,720	\$106,930	490	500	2.0%	15
17-2141	Mechanical Engineers	BD	\$54,330	\$67,470	\$74,050	80	100	25.0%	5
17-3024	Electro-Mechanical Technicians	AD	N/A	N/A	N/A	10	10	0.0%	0
19-4021	Biological Technicians	BD	N/A	N/A	N/A	10	10	0.0%	0
21-1011	Substance Abuse & Behavioral Disorder Counselors	BD	N/A	N/A	N/A	80	100	25.0%	4
21-1012	Educational, Guidance, School & Vocational Counselors	MD	\$38,510	\$66,290	\$80,180	100	110	10.0%	3
21-1015	Rehabilitation Counselors	MD	\$18,180	\$33,760	\$41,550	120	160	33.3%	7
21-1021	Child, Family & School Social Workers	BD	\$24,600	\$33,930	\$38,590	180	220	22.2%	8
21-1022	Healthcare Social Workers	MD	\$38,840	\$52,840	\$59,840	130	180	38.5%	9
21-1023	Mental Health & Substance Abuse Social Workers	BD	\$27,220	\$39,570	\$45,750	120	160	33.3%	7
21-1091	Health Educators	BD	\$45,680	\$63,400	\$72,260	20	20	0.0%	0
21-1093	Social & Human Service Assistants	ST OJT	\$19,960	\$28,010	\$32,040	120	140	16.7%	5
23-2011	Paralegals & Legal Assistants	AD	\$26,360	\$46,860	\$57,100	40	50	25.0%	2
25-2032	Career/Technical Education Teachers, Secondary School	BD+	\$48,900	\$59,440	\$64,710	110	110	0.0%	3
25-3021	Self-Enrichment Education Teachers	WK EXP	\$21,110	\$37,820	\$46,170	40	50	25.0%	1
27-2022	Coaches & Scouts	BD	\$18,480	\$38,950	\$49,190	180	190	5.6%	6
29-1051	Pharmacists	PROF	\$93,440	\$116,500	\$128,020	100	100	0.0%	3

2016 High Priority Occupations for Northern Tier Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
29-1071	Physician Assistants	MD	\$72,930	\$87,600	\$94,940	30	50	66.7%	2
29-1126	Respiratory Therapists	AD	\$36,840	\$51,920	\$59,460	50	60	20.0%	2
29-1141	Registered Nurses	BD	\$46,340	\$59,440	\$65,990	1,100	1,330	20.9%	44
29-1171	Nurse Practitioners	MD	\$82,850	\$105,570	\$116,930	50	60	20.0%	2
29-2011	Medical & Clinical Laboratory Technologists	BD	\$41,520	\$54,810	\$61,460	40	40	0.0%	1
29-2012	Medical & Clinical Laboratory Technicians	AD	\$27,740	\$37,060	\$41,730	60	60	0.0%	2
29-2021	Dental Hygienists	AD	\$50,670	\$58,040	\$61,720	100	100	0.0%	3
29-2031	Cardiovascular Technologists & Technicians	AD	\$36,600	\$47,670	\$53,210	30	30	0.0%	1
29-2032	Diagnostic Medical Sonographers	AD	\$48,000	\$61,960	\$68,940	30	40	33.3%	1
29-2034	Radiologic Technologists	AD	\$38,350	\$51,000	\$57,320	100	110	10.0%	2
29-2041	Emergency Medical Technicians & Paramedics	PS	\$17,200	\$32,900	\$40,750	120	140	16.7%	6
29-2052	Pharmacy Technicians	MT OJT	\$19,080	\$24,200	\$26,760	130	150	15.4%	2
29-2055	Surgical Technologists	PS	\$32,200	\$40,290	\$44,330	40	50	25.0%	1
29-2056	Veterinary Technologists & Technicians	AD	\$23,470	\$30,000	\$33,260	50	80	60.0%	3
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$30,760	\$40,330	\$45,110	400	530	32.5%	23
29-2071	Medical Records & Health Information Technicians	PS	\$25,870	\$33,020	\$36,600	70	90	28.6%	3
29-2081	Opticians, Dispensing	LT OJT	\$26,960	\$34,010	\$37,540	70	90	28.6%	4
31-1014	Nursing Assistants	PS	\$20,950	\$26,960	\$29,960	800	900	12.5%	25
31-2011	Occupational Therapy Assistants	AD	N/A	N/A	N/A	30	40	33.3%	2
31-2021	Physical Therapist Assistants	AD	\$30,640	\$43,800	\$50,370	40	60	50.0%	2
31-9091	Dental Assistants	PS	\$27,880	\$34,520	\$37,840	50	50	0.0%	1
31-9092	Medical Assistants	PS	\$21,910	\$26,940	\$29,450	80	110	37.5%	5
31-9097	Phlebotomists	PS	\$21,230	\$25,920	\$28,270	20	20	0.0%	0
35-1011	Chefs & Head Cooks	WK EXP	\$28,150	\$31,460	\$33,120	50	60	20.0%	1
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$20,280	\$30,330	\$35,350	230	260	13.0%	9
39-3011	Gaming Dealers	ST OJT	N/A	N/A	N/A	0	0	0.0%	0
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	\$17,370	\$22,190	\$24,600	90	100	11.1%	2
41-1011	Supervisors - Retail Sales Workers	WK EXP	\$25,840	\$41,950	\$50,010	620	610	-1.6%	13
41-2021	Counter & Rental Clerks	ST OJT	\$17,040	\$27,080	\$32,110	180	210	16.7%	8
41-3011	Advertising Sales Agents	MT OJT	\$21,930	\$31,660	\$36,530	50	50	0.0%	2
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	N/A	N/A	N/A	0	0	0.0%	0
41-4011	Sales Representatives, Technical & Scientific Products	BD+	\$30,860	\$58,450	\$72,250	40	50	25.0%	1
41-4012	Sales Representatives	MT OJT	\$29,580	\$62,240	\$78,570	640	660	3.1%	14
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$30,090	\$44,600	\$51,850	410	450	9.8%	14
43-3011	Bill & Account Collectors	MT OJT	\$31,620	\$38,490	\$41,930	200	280	40.0%	14
43-3021	Billing & Posting Clerks	MT OJT	\$21,310	\$29,720	\$33,930	230	270	17.4%	8

2016 High Priority Occupations for Northern Tier Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	\$21,930	\$31,310	\$36,000	770	850	10.4%	15
43-4011	Brokerage Clerks	MT OJT	N/A	N/A	N/A	0	0	0.0%	0
43-4051	Customer Service Representatives	ST OJT	\$21,730	\$31,940	\$37,050	520	600	15.4%	22
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	\$17,040	\$20,530	\$22,270	140	150	7.1%	8
43-5011	Cargo & Freight Agents	ST OJT	N/A	N/A	N/A	10	10	0.0%	0
43-5032	Dispatchers	MT OJT	\$27,540	\$45,120	\$53,910	90	100	11.1%	4
43-5061	Production, Planning & Expediting Clerks	MT OJT	\$39,660	\$56,060	\$64,260	110	120	9.1%	4
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	\$22,230	\$31,270	\$35,790	240	250	4.2%	6
43-6012	Legal Secretaries	MT OJT	\$27,090	\$30,750	\$32,580	60	60	0.0%	1
43-6013	Medical Secretaries	MT OJT	\$24,570	\$33,140	\$37,430	170	240	41.2%	9
43-6014	Secretaries	ST OJT	\$19,450	\$29,240	\$34,140	1,290	1,450	12.4%	31
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	N/A	N/A	N/A	10	20	100.0%	0
43-9061	Office Clerks, General	ST OJT	\$17,500	\$27,820	\$32,980	1,700	1,710	0.6%	38
45-1011	Farm & Forestry Worker Supervisors	WK EXP	\$50,970	\$59,920	\$64,390	130	130	0.0%	3
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	\$47,400	\$90,790	\$112,480	430	490	14.0%	11
47-2021	Brickmasons & Blockmasons	LT OJT	N/A	N/A	N/A	10	10	0.0%	0
47-2031	Carpenters	LT OJT	\$27,280	\$41,630	\$48,810	730	870	19.2%	23
47-2051	Cement Masons & Concrete Finishers	MT OJT	\$27,350	\$35,190	\$39,120	40	50	25.0%	1
47-2061	Construction Laborers	ST OJT	\$22,130	\$36,690	\$43,970	810	980	21.0%	34
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	\$30,660	\$46,440	\$54,320	830	910	9.6%	26
47-2111	Electricians	LT OJT	\$44,890	\$61,090	\$69,180	160	180	12.5%	5
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	N/A	N/A	N/A	210	240	14.3%	5
47-2211	Sheet Metal Workers	LT OJT	N/A	N/A	N/A	0	0	0.0%	0
47-2221	Structural Iron & Steel Workers	LT OJT	N/A	N/A	N/A	0	0	0.0%	0
47-4011	Construction & Building Inspectors	WK EXP	N/A	N/A	N/A	50	60	20.0%	2
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	\$27,500	\$48,300	\$58,700	390	410	5.1%	18
47-5071	Roustabouts, Oil & Gas	MT OJT	\$27,120	\$36,400	\$41,040	110	130	18.2%	5
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$42,560	\$60,010	\$68,730	170	180	5.9%	5
49-2098	Security & Fire Alarm Systems Installers	MT OJT	N/A	N/A	N/A	20	20	0.0%	0
49-3021	Automotive Body & Related Repairers	LT OJT	\$24,200	\$33,260	\$37,790	100	100	0.0%	2
49-3023	Automotive Service Technicians & Mechanics	PS	\$23,270	\$31,030	\$34,910	710	740	4.2%	21
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	\$29,970	\$39,680	\$44,540	190	200	5.3%	5
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	\$23,090	\$29,280	\$32,370	70	70	0.0%	2
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$32,930	\$44,720	\$50,620	120	130	8.3%	4
49-9041	Industrial Machinery Mechanics	LT OJT	\$34,910	\$47,430	\$53,690	370	470	27.0%	21
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	\$53,990	\$66,420	\$72,630	110	130	18.2%	5

2016 High Priority Occupations for Northern Tier Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
49-9052	Telecommunications Line Installers & Repairers	LT OJT	\$29,260	\$39,770	\$45,020	100	80	-20.0%	2
49-9071	Maintenance & Repair Workers, General	LT OJT	\$21,170	\$33,920	\$40,300	710	780	9.9%	21
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$37,430	\$56,260	\$65,680	820	830	1.2%	14
51-3021	Butchers & Meat Cutters	LT OJT	\$27,900	\$33,520	\$36,330	150	160	6.7%	5
51-3092	Food Batchmakers	MT OJT	N/A	N/A	N/A	60	50	-16.7%	2
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	N/A	N/A	N/A	70	90	28.6%	3
51-4012	CNC Machine Tool Programmers, Metal & Plastic	LT OJT	N/A	N/A	N/A	0	0	0.0%	0
51-4033	Grinding, Lapping, Polishing & Buffing Machine Operators, Metal & Plastic	MT OJT	\$27,390	\$33,660	\$36,790	90	80	-11.1%	2
51-4041	Machinists	LT OJT	\$25,460	\$36,130	\$41,470	300	330	10.0%	10
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	\$17,260	\$25,720	\$29,950	40	40	0.0%	1
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$26,990	\$50,420	\$62,130	80	90	12.5%	2
51-5112	Printing Press Operators	MT OJT	\$21,350	\$28,890	\$32,660	110	110	0.0%	2
51-5113	Print Binding & Finishing Workers	ST OJT	N/A	N/A	N/A	30	20	-33.3%	0
51-9011	Chemical Equipment Operators & Tenders	MT OJT	N/A	N/A	N/A	30	20	-33.3%	1
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$28,300	\$40,120	\$46,030	270	300	11.1%	10
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	N/A	N/A	N/A	90	90	0.0%	2
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	\$47,680	\$65,140	\$73,880	70	70	0.0%	3
53-3021	Bus Drivers, Transit & Intercity	MT OJT	N/A	N/A	N/A	30	40	33.3%	1
53-3022	Bus Drivers, School or Special Client	ST OJT	\$19,960	\$27,490	\$31,260	420	420	0.0%	8
53-3031	Driver/Sales Workers	ST OJT	\$34,810	\$41,400	\$44,690	110	110	0.0%	2
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	\$32,740	\$48,430	\$56,280	2,090	2,350	12.4%	59
53-3033	Light Truck or Delivery Services Drivers	ST OJT	\$17,240	\$23,780	\$27,050	450	480	6.7%	11
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$24,640	\$34,520	\$39,460	530	600	13.2%	19

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.

2016 High Priority Occupations for Northwest Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
11-2022	Sales Managers	BD+	\$65,350	\$135,660	\$170,820	350	360	2.9%	8
11-9151	Social & Community Service Managers	BD+	\$39,180	\$59,980	\$70,380	330	380	15.2%	12
13-1023	Purchasing Agents	BD+	\$38,590	\$57,710	\$67,280	640	660	3.1%	15
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	N/A	N/A	N/A	570	580	1.8%	14
13-1051	Cost Estimators	BD	\$36,680	\$54,130	\$62,850	370	420	13.5%	16
13-1081	Logisticians	BD	\$36,690	\$59,520	\$70,930	80	100	25.0%	3
13-1151	Training & Development Specialists	BD+	\$28,630	\$55,010	\$68,200	320	340	6.3%	8
13-1161	Market Research Analysts & Marketing Specialists	BD	\$32,660	\$56,690	\$68,710	330	410	24.2%	12
13-2011	Accountants & Auditors	BD	\$38,940	\$60,990	\$72,010	1,630	1,750	7.4%	61
13-2051	Financial Analysts	BD	\$46,660	\$71,050	\$83,240	210	220	4.8%	6
15-1121	Computer Systems Analysts	BD	\$48,250	\$67,400	\$76,970	160	190	18.8%	6
15-1131	Computer Programmers	BD	\$42,960	\$68,180	\$80,780	270	260	-3.7%	7
15-1132	Software Developers, Applications	BD	\$57,190	\$83,530	\$96,700	140	150	7.1%	3
15-1133	Software Developers, Systems Software	BD	\$65,820	\$94,470	\$108,790	90	100	11.1%	2
15-1142	Network & Computer Systems Administrators	BD	\$41,380	\$61,740	\$71,920	350	380	8.6%	9
15-1151	Computer User Support Specialists	PS	\$29,430	\$43,380	\$50,360	460	530	15.2%	14
15-1152	Computer Network Support Specialists	AD	\$37,110	\$57,470	\$67,650	100	110	10.0%	3
17-2051	Civil Engineers	BD	\$50,560	\$70,570	\$80,570	220	260	18.2%	9
17-2072	Electronics Engineers	BD	\$50,910	\$83,340	\$99,550	140	140	0.0%	3
17-2112	Industrial Engineers	BD	\$51,010	\$71,440	\$81,650	420	450	7.1%	14
17-2141	Mechanical Engineers	BD	\$51,340	\$69,210	\$78,150	850	880	3.5%	31
19-4021	Biological Technicians	BD	\$32,570	\$48,460	\$56,410	20	20	0.0%	1
21-1011	Substance Abuse & Behavioral Disorder Counselors	BD	\$24,820	\$36,670	\$42,600	500	590	18.0%	20
21-1012	Educational, Guidance, School & Vocational Counselors	MD	\$34,960	\$50,260	\$57,910	510	540	5.9%	15
21-1015	Rehabilitation Counselors	MD	\$25,930	\$40,300	\$47,490	420	490	16.7%	16
21-1021	Child, Family & School Social Workers	BD	\$26,940	\$36,350	\$41,050	930	1,030	10.8%	30
21-1022	Healthcare Social Workers	MD	\$33,760	\$45,900	\$51,970	250	320	28.0%	12
21-1023	Mental Health & Substance Abuse Social Workers	BD	\$26,260	\$32,220	\$35,200	480	580	20.8%	20
21-1091	Health Educators	BD	\$35,000	\$52,320	\$60,980	70	80	14.3%	3
21-1093	Social & Human Service Assistants	ST OJT	\$20,040	\$29,690	\$34,510	1,030	1,170	13.6%	41
23-2011	Paralegals & Legal Assistants	AD	\$29,840	\$44,580	\$51,950	150	170	13.3%	4
25-2032	Career/Technical Education Teachers, Secondary School	BD+	\$46,740	\$60,240	\$67,000	170	160	-5.9%	4
25-3021	Self-Enrichment Education Teachers	WK EXP	\$26,120	\$40,570	\$47,800	340	350	2.9%	7
27-2022	Coaches & Scouts	BD	\$17,160	\$33,720	\$42,000	260	290	11.5%	10
29-1051	Pharmacists	PROF	\$69,560	\$101,710	\$117,780	560	580	3.6%	15
29-1071	Physician Assistants	MD	\$64,050	\$82,100	\$91,120	210	240	14.3%	7

2016 High Priority Occupations for Northwest Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
29-1126	Respiratory Therapists	AD	\$39,000	\$49,600	\$54,910	160	190	18.8%	5
29-1141	Registered Nurses	BD	\$43,450	\$55,890	\$62,120	4,660	5,620	20.6%	186
29-1171	Nurse Practitioners	MD	\$65,100	\$83,930	\$93,350	150	190	26.7%	7
29-2011	Medical & Clinical Laboratory Technologists	BD	\$40,810	\$52,590	\$58,480	360	390	8.3%	13
29-2012	Medical & Clinical Laboratory Technicians	AD	\$24,380	\$35,000	\$40,310	170	190	11.8%	6
29-2021	Dental Hygienists	AD	\$43,820	\$54,650	\$60,060	320	360	12.5%	12
29-2031	Cardiovascular Technologists & Technicians	AD	\$26,440	\$43,440	\$51,940	140	180	28.6%	6
29-2032	Diagnostic Medical Sonographers	AD	\$47,090	\$61,160	\$68,200	70	100	42.9%	4
29-2034	Radiologic Technologists	AD	\$36,900	\$46,870	\$51,850	350	430	22.9%	13
29-2041	Emergency Medical Technicians & Paramedics	PS	\$18,720	\$25,440	\$28,810	540	670	24.1%	28
29-2052	Pharmacy Technicians	MT OJT	\$21,140	\$28,300	\$31,880	480	530	10.4%	10
29-2055	Surgical Technologists	PS	\$27,040	\$34,500	\$38,240	100	130	30.0%	4
29-2056	Veterinary Technologists & Technicians	AD	\$18,680	\$28,490	\$33,400	120	150	25.0%	4
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$31,950	\$38,600	\$41,920	1,720	2,010	16.9%	71
29-2071	Medical Records & Health Information Technicians	PS	\$24,920	\$33,520	\$37,830	270	320	18.5%	12
29-2081	Opticians, Dispensing	LT OJT	\$22,060	\$30,980	\$35,440	130	140	7.7%	6
31-1014	Nursing Assistants	PS	\$20,430	\$25,840	\$28,540	3,210	3,480	8.4%	88
31-2011	Occupational Therapy Assistants	AD	\$33,860	\$45,320	\$51,060	120	160	33.3%	7
31-2021	Physical Therapist Assistants	AD	\$32,940	\$41,360	\$45,560	150	200	33.3%	8
31-9091	Dental Assistants	PS	\$24,000	\$29,600	\$32,390	430	460	7.0%	12
31-9097	Phlebotomists	PS	\$23,570	\$27,610	\$29,630	190	240	26.3%	8
35-1011	Chefs & Head Cooks	WK EXP	\$27,050	\$41,000	\$47,970	140	140	0.0%	2
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$20,470	\$31,130	\$36,460	1,630	1,810	11.0%	64
39-3011	Gaming Dealers	ST OJT	N/A	N/A	N/A	220	230	4.5%	5
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	\$16,970	\$27,890	\$33,350	400	430	7.5%	8
41-1011	Supervisors - Retail Sales Workers	WK EXP	\$26,360	\$41,000	\$48,330	2,380	2,360	-0.8%	52
41-2021	Counter & Rental Clerks	ST OJT	\$17,220	\$25,690	\$29,930	480	500	4.2%	14
41-3011	Advertising Sales Agents	MT OJT	\$25,170	\$37,440	\$43,570	150	150	0.0%	5
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	\$33,370	\$94,770	\$125,470	350	370	5.7%	10
41-4011	Sales Representatives, Technical & Scientific Products	BD+	\$47,860	\$76,740	\$91,180	220	230	4.5%	4
41-4012	Sales Representatives	MT OJT	\$30,840	\$58,600	\$72,490	2,100	2,210	5.2%	52
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$30,850	\$49,710	\$59,140	1,740	1,910	9.8%	58
43-3011	Bill & Account Collectors	MT OJT	\$23,930	\$33,410	\$38,150	450	500	11.1%	18
43-3021	Billing & Posting Clerks	MT OJT	\$23,510	\$32,640	\$37,200	870	1,030	18.4%	32
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	\$20,790	\$31,180	\$36,380	2,660	2,860	7.5%	43
43-4011	Brokerage Clerks	MT OJT	\$35,650	\$41,460	\$44,360	30	30	0.0%	1

2016 High Priority Occupations for Northwest Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
43-4051	Customer Service Representatives	ST OJT	\$21,310	\$32,340	\$37,860	3,050	3,300	8.2%	107
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	\$17,060	\$18,390	\$19,060	300	320	6.7%	16
43-5011	Cargo & Freight Agents	ST OJT	\$26,570	\$46,310	\$56,180	70	90	28.6%	4
43-5032	Dispatchers	MT OJT	\$24,860	\$36,850	\$42,840	170	180	5.9%	6
43-5061	Production, Planning & Expediting Clerks	MT OJT	\$28,790	\$47,550	\$56,930	700	760	8.6%	23
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	\$22,400	\$31,220	\$35,630	920	940	2.2%	26
43-6012	Legal Secretaries	MT OJT	\$19,010	\$28,420	\$33,130	420	420	0.0%	5
43-6013	Medical Secretaries	MT OJT	\$23,700	\$29,250	\$32,020	860	1,130	31.4%	36
43-6014	Secretaries	ST OJT	\$20,530	\$30,170	\$34,990	3,900	4,210	7.9%	78
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	N/A	N/A	N/A	490	500	2.0%	14
43-9061	Office Clerks, General	ST OJT	\$19,290	\$27,750	\$31,980	5,190	5,280	1.7%	118
45-1011	Farm & Forestry Worker Supervisors	WK EXP	\$27,390	\$42,340	\$49,810	180	170	-5.6%	4
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	\$42,950	\$59,240	\$67,380	600	670	11.7%	12
47-2021	Brickmasons & Blockmasons	LT OJT	N/A	N/A	N/A	40	50	25.0%	1
47-2031	Carpenters	LT OJT	\$26,410	\$39,460	\$45,980	1,220	1,350	10.7%	28
47-2051	Cement Masons & Concrete Finishers	MT OJT	\$29,590	\$39,440	\$44,380	210	220	4.8%	3
47-2061	Construction Laborers	ST OJT	\$20,700	\$31,300	\$36,590	1,080	1,200	11.1%	36
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	\$31,550	\$41,680	\$46,740	790	860	8.9%	24
47-2111	Electricians	LT OJT	\$39,110	\$55,500	\$63,690	690	720	4.3%	17
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$32,310	\$51,220	\$60,670	400	420	5.0%	8
47-2211	Sheet Metal Workers	LT OJT	\$31,680	\$50,850	\$60,440	270	290	7.4%	7
47-2221	Structural Iron & Steel Workers	LT OJT	\$32,880	\$44,200	\$49,860	110	110	0.0%	4
47-4011	Construction & Building Inspectors	WK EXP	\$36,850	\$49,010	\$55,100	210	240	14.3%	8
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	\$29,350	\$49,270	\$59,230	90	100	11.1%	5
47-5071	Roustabouts, Oil & Gas	MT OJT	\$26,230	\$36,360	\$41,430	110	120	9.1%	4
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$43,720	\$61,370	\$70,190	570	610	7.0%	19
49-2098	Security & Fire Alarm Systems Installers	MT OJT	\$24,780	\$36,630	\$42,560	40	40	0.0%	1
49-3021	Automotive Body & Related Repairers	LT OJT	\$25,430	\$33,320	\$37,270	350	370	5.7%	9
49-3023	Automotive Service Technicians & Mechanics	PS	\$22,700	\$33,460	\$38,840	1,600	1,640	2.5%	44
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	\$29,350	\$38,920	\$43,700	540	570	5.6%	16
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	\$27,680	\$30,900	\$32,510	60	70	16.7%	2
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$31,140	\$44,760	\$51,570	340	370	8.8%	11
49-9041	Industrial Machinery Mechanics	LT OJT	\$34,760	\$48,630	\$55,560	670	810	20.9%	33
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	\$62,680	\$70,410	\$74,270	170	210	23.5%	9
49-9052	Telecommunications Line Installers & Repairers	LT OJT	\$27,330	\$47,630	\$57,780	160	160	0.0%	4
49-9071	Maintenance & Repair Workers, General	LT OJT	\$20,810	\$32,840	\$38,850	2,760	2,990	8.3%	76

2016 High Priority Occupations for Northwest Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$38,100	\$53,410	\$61,070	1,610	1,620	0.6%	25
51-3021	Butchers & Meat Cutters	LT OJT	\$24,030	\$34,000	\$38,980	280	280	0.0%	7
51-3092	Food Batchmakers	MT OJT	\$17,410	\$26,660	\$31,280	200	200	0.0%	7
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	\$24,750	\$35,580	\$41,000	940	1,090	16.0%	41
51-4012	CNC Machine Tool Programmers, Metal & Plastic	LT OJT	\$29,980	\$42,280	\$48,420	260	330	26.9%	14
51-4033	Grinding, Lapping, Polishing & Buffing Machine Operators, Metal & Plastic	MT OJT	\$23,030	\$34,600	\$40,380	560	510	-8.9%	13
51-4041	Machinists	LT OJT	\$26,810	\$37,380	\$42,670	1,860	1,980	6.5%	54
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	\$19,660	\$29,900	\$35,020	550	510	-7.3%	11
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$27,500	\$36,200	\$40,550	1,300	1,340	3.1%	36
51-5112	Printing Press Operators	MT OJT	\$23,550	\$34,620	\$40,150	330	320	-3.0%	6
51-5113	Print Binding & Finishing Workers	ST OJT	\$18,670	\$29,100	\$34,320	70	70	0.0%	1
51-9011	Chemical Equipment Operators & Tenders	MT OJT	\$32,060	\$46,000	\$52,980	110	110	0.0%	4
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$20,920	\$33,410	\$39,660	1,500	1,640	9.3%	47
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	\$21,240	\$28,360	\$31,920	570	610	7.0%	17
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	\$40,260	\$55,430	\$63,020	210	220	4.8%	7
53-3031	Driver/Sales Workers	ST OJT	\$17,220	\$25,280	\$29,300	570	610	7.0%	13
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	\$26,690	\$39,920	\$46,530	2,590	2,890	11.6%	71
53-3033	Light Truck or Delivery Services Drivers	ST OJT	\$19,040	\$31,040	\$37,040	1,400	1,430	2.1%	25
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$25,710	\$33,830	\$37,890	630	630	0.0%	14

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.

2016 High Priority Occupations for Philadelphia County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
11-2022	Sales Managers	BD+	\$88,680	\$168,550	\$208,480	990	1,030	4.0%	25
11-9121	Natural Sciences Managers	BD+	\$72,700	\$140,750	\$174,780	290	300	3.4%	7
11-9151	Social & Community Service Managers	BD+	\$47,780	\$72,000	\$84,110	1,180	1,300	10.2%	37
13-1022	Wholesale & Retail Buyers	BD+	\$38,580	\$64,560	\$77,540	410	440	7.3%	12
13-1023	Purchasing Agents	BD+	\$53,360	\$76,600	\$88,230	1,570	1,610	2.5%	32
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	\$42,920	\$64,480	\$75,260	1,880	1,850	-1.6%	44
13-1051	Cost Estimators	BD	\$45,600	\$69,280	\$81,120	530	610	15.1%	25
13-1081	Logisticians	BD	\$55,640	\$80,330	\$92,680	880	1,100	25.0%	32
13-1151	Training & Development Specialists	BD+	\$42,540	\$65,040	\$76,280	1,260	1,420	12.7%	40
13-1161	Market Research Analysts & Marketing Specialists	BD	\$41,780	\$73,530	\$89,410	2,430	3,050	25.5%	94
13-2011	Accountants & Auditors	BD	\$50,760	\$83,540	\$99,940	7,250	7,720	6.5%	261
13-2051	Financial Analysts	BD	\$52,370	\$89,220	\$107,650	2,240	2,420	8.0%	72
13-2071	Credit Counselors	BD	\$49,550	\$37,500	\$55,580	200	220	10.0%	6
15-1121	Computer Systems Analysts	BD	\$61,010	\$95,540	\$112,810	2,140	2,530	18.2%	73
15-1131	Computer Programmers	BD	\$54,260	\$82,520	\$96,640	1,030	1,050	1.9%	29
15-1132	Software Developers, Applications	BD	\$72,160	\$102,930	\$118,310	1,270	1,460	15.0%	35
15-1133	Software Developers, Systems Software	BD	\$64,200	\$91,850	\$105,670	950	1,080	13.7%	24
15-1142	Network & Computer Systems Administrators	BD	\$55,510	\$79,190	\$91,030	1,870	2,000	7.0%	42
15-1151	Computer User Support Specialists	PS	\$36,970	\$56,770	\$66,680	2,610	3,030	16.1%	82
15-1152	Computer Network Support Specialists	AD	\$50,150	\$72,660	\$83,920	450	450	0.0%	7
17-2051	Civil Engineers	BD	\$57,310	\$90,970	\$107,800	1,650	1,810	9.7%	56
17-2072	Electronics Engineers	BD	\$61,120	\$95,850	\$113,220	490	480	-2.0%	11
17-2112	Industrial Engineers	BD	\$65,990	\$89,470	\$101,200	590	660	11.9%	24
17-2141	Mechanical Engineers	BD	\$62,140	\$94,870	\$111,230	690	730	5.8%	28
17-3024	Electro-Mechanical Technicians	AD	N/A	N/A	N/A	0	0	0.0%	0
17-3026	Industrial Engineering Technicians	AD	\$43,650	\$64,480	\$74,900	80	80	0.0%	2
19-4021	Biological Technicians	BD	\$31,300	\$47,140	\$55,060	860	1,070	24.4%	47
21-1011	Substance Abuse & Behavioral Disorder Counselors	BD	\$32,420	\$44,080	\$49,910	1,370	1,620	18.2%	54
21-1012	Educational, Guidance, School & Vocational Counselors	MD	\$33,210	\$53,980	\$64,370	1,830	1,990	8.7%	55
21-1015	Rehabilitation Counselors	MD	\$30,540	\$38,150	\$41,950	1,340	1,520	13.4%	47
21-1021	Child, Family & School Social Workers	BD	\$31,560	\$44,720	\$51,300	3,520	3,850	9.4%	108
21-1022	Healthcare Social Workers	MD	\$36,260	\$50,900	\$58,220	1,550	1,830	18.1%	60
21-1023	Mental Health & Substance Abuse Social Workers	BD	\$29,860	\$40,190	\$45,360	1,640	1,950	18.9%	66
21-1091	Health Educators	BD	\$42,620	\$63,180	\$73,460	560	640	14.3%	23
21-1093	Social & Human Service Assistants	ST OJT	\$22,890	\$30,870	\$34,860	3,510	3,990	13.7%	140
23-2011	Paralegals & Legal Assistants	AD	\$38,720	\$57,560	\$66,970	3,450	3,960	14.8%	106

2016 High Priority Occupations for Philadelphia County Workforce Development Area

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			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
25-2011	Preschool Teachers	AD	\$20,850	\$30,100	\$34,720	2,090	2,460	17.7%	95
25-2032	Career/Technical Education Teachers, Secondary School	BD+	\$52,960	\$68,400	\$76,130	370	360	-2.7%	10
25-3021	Self-Enrichment Education Teachers	WK EXP	\$20,770	\$41,720	\$52,200	2,200	2,330	5.9%	52
27-1024	Graphic Designers	BD	\$38,840	\$60,950	\$72,000	1,450	1,460	0.7%	39
27-2022	Coaches & Scouts	BD	\$23,430	\$55,120	\$70,970	860	950	10.5%	34
29-1051	Pharmacists	PROF	\$80,210	\$111,840	\$127,660	1,690	1,860	10.1%	57
29-1071	Physician Assistants	MD	\$44,490	\$76,150	\$91,980	550	640	16.4%	18
29-1126	Respiratory Therapists	AD	\$54,410	\$67,520	\$74,070	970	1,190	22.7%	36
29-1141	Registered Nurses	BD	\$59,930	\$80,020	\$90,060	19,660	23,400	19.0%	756
29-1171	Nurse Practitioners	MD	\$62,140	\$90,090	\$104,070	710	930	31.0%	36
29-2011	Medical & Clinical Laboratory Technologists	BD	\$40,780	\$58,340	\$67,120	1,350	1,400	3.7%	41
29-2012	Medical & Clinical Laboratory Technicians	AD	\$30,220	\$43,860	\$50,680	1,890	2,030	7.4%	64
29-2021	Dental Hygienists	AD	\$61,590	\$77,960	\$86,150	240	260	8.3%	8
29-2031	Cardiovascular Technologists & Technicians	AD	\$33,180	\$56,000	\$67,410	470	610	29.8%	21
29-2032	Diagnostic Medical Sonographers	AD	\$55,030	\$72,620	\$81,420	390	530	35.9%	20
29-2034	Radiologic Technologists	AD	\$48,750	\$66,630	\$75,570	1,360	1,590	16.9%	42
29-2041	Emergency Medical Technicians & Paramedics	PS	\$22,940	\$40,300	\$48,980	1,230	1,450	17.9%	56
29-2052	Pharmacy Technicians	MT OJT	\$26,720	\$34,960	\$39,080	1,730	1,950	12.7%	39
29-2055	Surgical Technologists	PS	\$37,640	\$46,900	\$51,530	330	420	27.3%	11
29-2056	Veterinary Technologists & Technicians	AD	\$25,230	\$37,730	\$43,980	90	110	22.2%	3
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$39,370	\$50,660	\$56,310	4,070	4,640	14.0%	157
29-2071	Medical Records & Health Information Technicians	PS	\$29,280	\$41,820	\$48,090	1,360	1,700	25.0%	69
29-2081	Opticians, Dispensing	LT OJT	\$32,410	\$45,270	\$51,700	140	160	14.3%	6
31-1014	Nursing Assistants	PS	\$23,170	\$30,730	\$34,510	11,720	12,590	7.4%	310
31-2011	Occupational Therapy Assistants	AD	\$28,720	\$44,250	\$52,010	250	300	20.0%	12
31-2021	Physical Therapist Assistants	AD	\$32,610	\$48,950	\$57,130	470	590	25.5%	22
31-9091	Dental Assistants	PS	\$23,120	\$34,110	\$39,600	1,440	1,500	4.2%	36
31-9097	Phlebotomists	PS	\$29,020	\$35,340	\$38,510	760	970	27.6%	36
33-3012	Correctional Officers & Jailers	MT OJT	\$34,180	\$37,320	\$38,880	3,140	3,090	-1.6%	83
33-3051	Police & Sheriff's Patrol Officers	MT OJT	\$60,020	\$67,650	\$71,460	6,940	6,840	-1.4%	218
35-1011	Chefs & Head Cooks	WK EXP	\$41,130	\$58,900	\$67,790	700	720	2.9%	13
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$23,160	\$38,150	\$45,650	3,730	4,140	11.0%	146
39-3011	Gaming Dealers	ST OJT	N/A	N/A	N/A	470	600	27.7%	21
39-9011	Childcare Workers	ST OJT	\$16,790	\$21,710	\$24,170	7,360	8,260	12.2%	306
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	\$20,060	\$36,340	\$44,480	1,150	1,260	9.6%	25
41-1011	Supervisors - Retail Sales Workers	WK EXP	\$30,030	\$45,580	\$53,360	3,780	3,810	0.8%	84

2016 High Priority Occupations for Philadelphia County Workforce Development Area

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			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
41-2021	Counter & Rental Clerks	ST OJT	\$18,860	\$30,950	\$37,000	1,430	1,480	3.5%	42
41-3011	Advertising Sales Agents	MT OJT	\$27,350	\$54,280	\$67,750	860	780	-9.3%	26
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	\$48,720	\$105,180	\$133,410	1,950	2,050	5.1%	56
41-4011	Sales Representatives, Technical & Scientific Products	BD+	\$58,210	\$126,940	\$161,310	750	820	9.3%	21
41-4012	Sales Representatives	MT OJT	\$38,140	\$70,090	\$86,060	4,430	4,510	1.8%	94
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$40,610	\$62,830	\$73,940	6,480	6,880	6.2%	194
43-3011	Bill & Account Collectors	MT OJT	\$29,400	\$39,510	\$44,560	1,630	1,670	2.5%	50
43-3021	Billing & Posting Clerks	MT OJT	\$30,420	\$40,790	\$45,970	3,500	3,810	8.9%	95
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	\$30,000	\$43,200	\$49,790	6,650	7,120	7.1%	108
43-4011	Brokerage Clerks	MT OJT	\$41,800	\$52,630	\$58,050	390	320	-17.9%	10
43-4051	Customer Service Representatives	ST OJT	\$24,090	\$37,450	\$44,130	10,670	11,310	6.0%	354
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	\$22,560	\$27,400	\$29,820	680	770	13.2%	41
43-5011	Cargo & Freight Agents	ST OJT	\$35,500	\$46,880	\$52,570	750	820	9.3%	26
43-5032	Dispatchers	MT OJT	\$25,910	\$35,510	\$40,300	450	470	4.4%	15
43-5061	Production, Planning & Expediting Clerks	MT OJT	\$36,080	\$51,120	\$58,630	1,380	1,440	4.3%	40
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	\$23,760	\$36,110	\$42,290	2,610	2,600	-0.4%	68
43-6012	Legal Secretaries	MT OJT	\$34,770	\$49,050	\$56,190	3,910	3,620	-7.4%	47
43-6013	Medical Secretaries	MT OJT	\$29,620	\$37,540	\$41,510	1,740	2,200	26.4%	67
43-6014	Secretaries	ST OJT	\$27,900	\$38,590	\$43,940	11,640	12,090	3.9%	185
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	\$31,990	\$39,830	\$43,750	1,170	1,170	0.0%	31
43-9061	Office Clerks, General	ST OJT	\$22,400	\$35,430	\$41,940	18,140	18,260	0.7%	392
45-1011	Farm & Forestry Worker Supervisors	WK EXP	\$52,000	\$65,900	\$72,850	50	50	0.0%	1
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	\$59,240	\$90,790	\$106,560	1,000	1,140	14.0%	25
47-2021	Brickmasons & Blockmasons	LT OJT	\$40,520	\$62,190	\$73,030	160	190	18.8%	5
47-2031	Carpenters	LT OJT	\$31,120	\$60,120	\$74,620	2,430	2,880	18.5%	76
47-2051	Cement Masons & Concrete Finishers	MT OJT	\$45,500	\$62,520	\$71,040	210	240	14.3%	4
47-2061	Construction Laborers	ST OJT	\$27,040	\$42,060	\$49,560	1,650	1,800	9.1%	50
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	\$39,760	\$59,660	\$69,620	1,710	1,770	3.5%	44
47-2111	Electricians	LT OJT	\$41,600	\$59,670	\$68,710	1,090	1,190	9.2%	31
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$43,320	\$68,130	\$80,540	1,440	1,670	16.0%	41
47-2211	Sheet Metal Workers	LT OJT	\$26,270	\$46,760	\$57,000	440	460	4.5%	10
47-2221	Structural Iron & Steel Workers	LT OJT	\$27,380	\$35,640	\$39,780	40	40	0.0%	1
47-4011	Construction & Building Inspectors	WK EXP	\$41,450	\$53,690	\$59,810	430	430	0.0%	10
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	N/A	N/A	N/A	0	0	0.0%	0
47-5071	Roustabouts, Oil & Gas	MT OJT	N/A	N/A	N/A	0	0	0.0%	0
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$51,880	\$70,590	\$79,940	1,330	1,360	2.3%	39

2016 High Priority Occupations for Philadelphia County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
49-2098	Security & Fire Alarm Systems Installers	MT OJT	\$37,180	\$46,400	\$51,020	150	190	26.7%	7
49-3021	Automotive Body & Related Repairers	LT OJT	\$27,970	\$38,500	\$43,760	160	170	6.3%	4
49-3023	Automotive Service Technicians & Mechanics	PS	\$19,470	\$36,470	\$44,960	2,390	2,520	5.4%	73
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	\$34,420	\$45,180	\$50,560	570	600	5.3%	16
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	N/A	N/A	N/A	70	70	0.0%	2
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$40,040	\$52,020	\$58,010	730	780	6.8%	23
49-9031	Home Appliance Repairers	MT OJT	\$32,550	\$43,600	\$49,130	90	80	-11.1%	3
49-9041	Industrial Machinery Mechanics	LT OJT	\$38,900	\$51,090	\$57,180	990	1,200	21.2%	50
49-9043	Maintenance Workers, Machinery	MT OJT	\$36,020	\$53,240	\$61,850	410	470	14.6%	12
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	N/A	N/A	N/A	260	260	0.0%	10
49-9052	Telecommunications Line Installers & Repairers	LT OJT	\$32,690	\$45,740	\$52,260	510	460	-9.8%	12
49-9071	Maintenance & Repair Workers, General	LT OJT	\$27,910	\$42,810	\$50,260	7,150	7,610	6.4%	183
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$40,350	\$63,030	\$74,370	1,410	1,420	0.7%	21
51-2092	Team Assemblers	MT OJT	\$19,930	\$29,430	\$34,190	2,470	2,660	7.7%	59
51-3021	Butchers & Meat Cutters	LT OJT	\$25,570	\$37,070	\$42,830	750	810	8.0%	24
51-3092	Food Batchmakers	MT OJT	\$18,650	\$30,900	\$37,020	390	400	2.6%	13
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	\$25,930	\$33,930	\$37,940	60	80	33.3%	4
51-4012	CNC Machine Tool Programmers, Metal & Plastic	LT OJT	N/A	N/A	N/A	10	20	100.0%	0
51-4033	Grinding, Lapping, Polishing & Buffing Machine Operators, Metal & Plastic	MT OJT	\$37,490	\$48,270	\$53,660	70	70	0.0%	2
51-4041	Machinists	LT OJT	\$25,290	\$42,660	\$51,340	500	590	18.0%	20
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	\$26,220	\$36,490	\$41,630	140	130	-7.1%	3
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$32,020	\$42,460	\$47,670	710	760	7.0%	22
51-5112	Printing Press Operators	MT OJT	\$25,100	\$43,420	\$52,580	960	880	-8.3%	17
51-5113	Print Binding & Finishing Workers	ST OJT	\$25,330	\$37,470	\$43,540	220	220	0.0%	4
51-9011	Chemical Equipment Operators & Tenders	MT OJT	\$27,450	\$43,260	\$51,160	170	170	0.0%	6
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$23,940	\$41,180	\$49,810	840	920	9.5%	26
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	\$22,640	\$36,530	\$43,480	1,480	1,490	0.7%	36
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	\$39,380	\$58,940	\$68,720	830	860	3.6%	26
53-3031	Driver/Sales Workers	ST OJT	\$27,630	\$40,830	\$47,420	960	980	2.1%	18
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	\$27,630	\$40,430	\$46,820	2,160	2,380	10.2%	57
53-3033	Light Truck or Delivery Services Drivers	ST OJT	\$20,810	\$38,140	\$46,810	2,730	2,690	-1.5%	44
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$31,440	\$40,920	\$45,650	1,110	1,090	-1.8%	26

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.

2016 High Priority Occupations for Philadelphia County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings

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.

2016 High Priority Occupations for Pocono Counties Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
11-2022	Sales Managers	BD+	\$57,250	\$100,830	\$122,620	80	80	0.0%	2
11-9151	Social & Community Service Managers	BD+	\$40,340	\$65,970	\$78,790	70	80	14.3%	3
13-1023	Purchasing Agents	BD+	\$40,660	\$56,520	\$64,460	160	180	12.5%	5
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	\$46,640	\$65,550	\$75,000	120	130	8.3%	4
13-1051	Cost Estimators	BD	\$32,930	\$49,100	\$57,180	100	130	30.0%	6
13-1081	Logisticians	BD	\$60,280	\$75,430	\$83,000	80	100	25.0%	4
13-1151	Training & Development Specialists	BD+	\$24,730	\$46,630	\$57,580	90	100	11.1%	4
13-1161	Market Research Analysts & Marketing Specialists	BD	\$25,760	\$49,340	\$61,130	160	210	31.3%	7
13-2011	Accountants & Auditors	BD	\$40,730	\$64,940	\$77,040	510	560	9.8%	20
13-2051	Financial Analysts	BD	\$35,800	\$54,050	\$63,180	10	10	0.0%	0
15-1121	Computer Systems Analysts	BD	\$53,740	\$78,290	\$90,560	110	120	9.1%	3
15-1131	Computer Programmers	BD	\$27,360	\$47,270	\$57,220	70	70	0.0%	2
15-1132	Software Developers, Applications	BD	\$58,230	\$86,040	\$99,950	10	10	0.0%	0
15-1133	Software Developers, Systems Software	BD	N/A	N/A	N/A	10	10	0.0%	0
15-1142	Network & Computer Systems Administrators	BD	\$51,790	\$65,520	\$72,380	120	120	0.0%	3
15-1151	Computer User Support Specialists	PS	\$30,700	\$40,860	\$45,940	180	200	11.1%	5
15-1152	Computer Network Support Specialists	AD	\$41,070	\$57,430	\$65,600	30	30	0.0%	0
17-2051	Civil Engineers	BD	\$57,060	\$118,560	\$149,310	90	110	22.2%	4
17-2072	Electronics Engineers	BD	\$74,020	\$92,160	\$101,240	40	50	25.0%	1
17-2112	Industrial Engineers	BD	\$59,560	\$77,220	\$86,060	40	40	0.0%	1
17-2141	Mechanical Engineers	BD	\$58,480	\$80,200	\$91,050	90	100	11.1%	5
17-3024	Electro-Mechanical Technicians	AD	N/A	N/A	N/A	0	0	0.0%	0
19-4021	Biological Technicians	BD	N/A	N/A	N/A	40	40	0.0%	1
21-1011	Substance Abuse & Behavioral Disorder Counselors	BD	\$39,890	\$50,980	\$56,520	170	200	17.6%	7
21-1012	Educational, Guidance, School & Vocational Counselors	MD	\$42,540	\$65,590	\$77,110	170	170	0.0%	4
21-1015	Rehabilitation Counselors	MD	\$27,270	\$38,720	\$44,440	150	180	20.0%	6
21-1021	Child, Family & School Social Workers	BD	\$26,770	\$38,150	\$43,830	330	360	9.1%	9
21-1022	Healthcare Social Workers	MD	\$42,270	\$50,690	\$54,910	80	90	12.5%	4
21-1023	Mental Health & Substance Abuse Social Workers	BD	\$25,820	\$49,480	\$61,310	90	90	0.0%	3
21-1091	Health Educators	BD	N/A	N/A	N/A	40	50	25.0%	1
21-1093	Social & Human Service Assistants	ST OJT	\$20,490	\$28,210	\$32,080	150	160	6.7%	5
23-2011	Paralegals & Legal Assistants	AD	\$35,010	\$37,080	\$38,120	100	120	20.0%	4
25-2032	Career/Technical Education Teachers, Secondary School	BD+	\$48,450	\$68,680	\$78,790	30	30	0.0%	1
25-3021	Self-Enrichment Education Teachers	WK EXP	\$19,630	\$37,280	\$46,110	240	260	8.3%	6
27-2022	Coaches & Scouts	BD	N/A	N/A	N/A	120	140	16.7%	6
29-1051	Pharmacists	PROF	\$91,130	\$110,520	\$120,220	210	230	9.5%	7

2016 High Priority Occupations for Pocono Counties Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
29-1071	Physician Assistants	MD	\$71,290	\$96,570	\$109,210	110	130	18.2%	4
29-1126	Respiratory Therapists	AD	\$49,770	\$55,750	\$58,740	60	70	16.7%	2
29-1141	Registered Nurses	BD	\$48,760	\$64,930	\$73,010	1,770	2,050	15.8%	62
29-1171	Nurse Practitioners	MD	\$76,300	\$97,640	\$108,310	80	90	12.5%	3
29-2011	Medical & Clinical Laboratory Technologists	BD	\$40,630	\$54,740	\$61,800	130	140	7.7%	4
29-2012	Medical & Clinical Laboratory Technicians	AD	\$31,630	\$44,790	\$51,370	100	110	10.0%	4
29-2021	Dental Hygienists	AD	\$54,210	\$63,610	\$68,310	210	230	9.5%	8
29-2031	Cardiovascular Technologists & Technicians	AD	\$34,480	\$54,300	\$64,210	30	40	33.3%	1
29-2032	Diagnostic Medical Sonographers	AD	\$55,270	\$65,920	\$71,240	30	40	33.3%	1
29-2034	Radiologic Technologists	AD	\$43,970	\$55,410	\$61,140	150	180	20.0%	5
29-2041	Emergency Medical Technicians & Paramedics	PS	\$26,290	\$34,100	\$38,000	310	460	48.4%	23
29-2052	Pharmacy Technicians	MT OJT	\$20,390	\$25,820	\$28,530	250	280	12.0%	5
29-2055	Surgical Technologists	PS	\$35,060	\$44,370	\$49,020	60	70	16.7%	3
29-2056	Veterinary Technologists & Technicians	AD	\$23,700	\$31,180	\$34,920	90	120	33.3%	4
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$34,710	\$44,180	\$48,910	600	690	15.0%	24
29-2071	Medical Records & Health Information Technicians	PS	\$20,730	\$33,620	\$40,060	90	110	22.2%	4
29-2081	Opticians, Dispensing	LT OJT	\$24,120	\$32,880	\$37,250	30	30	0.0%	1
31-1014	Nursing Assistants	PS	\$20,610	\$27,360	\$30,740	890	900	1.1%	18
31-2011	Occupational Therapy Assistants	AD	\$42,270	\$53,690	\$59,400	60	70	16.7%	3
31-2021	Physical Therapist Assistants	AD	\$34,870	\$45,790	\$51,250	70	80	14.3%	3
31-9011	Massage Therapists	PS	\$22,700	\$16,780	\$25,670	80	90	12.5%	2
31-9091	Dental Assistants	PS	\$28,000	\$32,540	\$34,800	180	190	5.6%	5
31-9097	Phlebotomists	PS	\$27,500	\$29,810	\$30,970	80	90	12.5%	4
35-1011	Chefs & Head Cooks	WK EXP	\$36,100	\$50,740	\$58,070	170	180	5.9%	4
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$19,650	\$31,460	\$37,360	570	630	10.5%	22
39-3011	Gaming Dealers	ST OJT	N/A	N/A	N/A	750	790	5.3%	17
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	\$17,160	\$27,340	\$32,430	430	510	18.6%	13
41-1011	Supervisors - Retail Sales Workers	WK EXP	\$29,010	\$42,480	\$49,220	1,340	1,340	0.0%	29
41-2021	Counter & Rental Clerks	ST OJT	\$20,380	\$26,400	\$29,400	270	310	14.8%	11
41-3011	Advertising Sales Agents	MT OJT	\$20,440	\$37,480	\$46,000	90	80	-11.1%	3
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	\$39,920	\$61,990	\$73,020	70	70	0.0%	2
41-3099	Sales Representatives, Other Services	MT OJT	\$30,180	\$58,010	\$71,920	370	390	5.4%	12
41-4011	Sales Representatives, Technical & Scientific Products	BD+	N/A	N/A	N/A	70	80	14.3%	2
41-4012	Sales Representatives	MT OJT	\$34,930	\$77,960	\$99,480	580	630	8.6%	16
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$30,010	\$49,450	\$59,160	820	900	9.8%	27
43-3011	Bill & Account Collectors	MT OJT	\$20,640	\$29,240	\$33,540	70	80	14.3%	3

2016 High Priority Occupations for Pocono Counties Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
43-3021	Billing & Posting Clerks	MT OJT	\$25,340	\$32,550	\$36,150	400	470	17.5%	14
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	\$24,450	\$35,380	\$40,850	1,190	1,290	8.4%	21
43-4011	Brokerage Clerks	MT OJT	N/A	N/A	N/A	10	0	-100.0%	0
43-4051	Customer Service Representatives	ST OJT	\$20,180	\$29,560	\$34,240	1,390	1,440	3.6%	42
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	\$17,580	\$22,860	\$25,500	450	490	8.9%	25
43-5011	Cargo & Freight Agents	ST OJT	N/A	N/A	N/A	40	50	25.0%	2
43-5032	Dispatchers	MT OJT	\$20,230	\$34,130	\$41,080	80	100	25.0%	3
43-5061	Production, Planning & Expediting Clerks	MT OJT	\$44,780	\$57,860	\$64,400	170	170	0.0%	4
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	\$24,740	\$34,210	\$38,940	560	550	-1.8%	15
43-6012	Legal Secretaries	MT OJT	\$26,240	\$30,900	\$33,240	110	120	9.1%	1
43-6013	Medical Secretaries	MT OJT	\$24,980	\$31,470	\$34,720	420	530	26.2%	16
43-6014	Secretaries	ST OJT	\$23,030	\$31,540	\$35,800	1,970	2,070	5.1%	35
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	\$25,920	\$29,770	\$31,690	30	30	0.0%	1
45-1011	Farm & Forestry Worker Supervisors	WK EXP	N/A	N/A	N/A	40	40	0.0%	1
43-9061	Office Clerks, General	ST OJT	\$19,040	\$28,250	\$32,850	2,300	2,430	5.7%	61
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	\$42,620	\$62,830	\$72,940	320	380	18.8%	9
47-2021	Brickmasons & Blockmasons	LT OJT	\$46,310	\$53,970	\$57,800	40	60	50.0%	1
47-2031	Carpenters	LT OJT	\$23,270	\$35,280	\$41,290	870	1,020	17.2%	26
47-2051	Cement Masons & Concrete Finishers	MT OJT	\$31,510	\$39,510	\$43,510	10	10	0.0%	0
47-2061	Construction Laborers	ST OJT	\$19,310	\$30,390	\$35,940	770	920	19.5%	31
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	\$32,820	\$42,800	\$47,790	620	720	16.1%	24
47-2111	Electricians	LT OJT	\$39,260	\$55,660	\$63,850	280	350	25.0%	11
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$30,840	\$37,750	\$41,210	300	370	23.3%	11
47-2211	Sheet Metal Workers	LT OJT	N/A	N/A	N/A	50	60	20.0%	2
47-2221	Structural Iron & Steel Workers	LT OJT	N/A	N/A	N/A	20	20	0.0%	1
47-4011	Construction & Building Inspectors	WK EXP	\$27,300	\$48,440	\$59,000	80	90	12.5%	3
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	N/A	N/A	N/A	0	0	0.0%	0
47-5071	Roustabouts, Oil & Gas	MT OJT	N/A	N/A	N/A	0	0	0.0%	0
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$43,510	\$60,080	\$68,370	260	290	11.5%	10
49-2098	Security & Fire Alarm Systems Installers	MT OJT	\$34,930	\$45,980	\$51,500	60	70	16.7%	2
49-3021	Automotive Body & Related Repairers	LT OJT	\$35,630	\$44,170	\$48,440	160	180	12.5%	5
49-3023	Automotive Service Technicians & Mechanics	PS	\$23,740	\$35,310	\$41,100	750	810	8.0%	25
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	\$31,090	\$43,760	\$50,090	200	200	0.0%	5
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	N/A	N/A	N/A	10	10	0.0%	0
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$31,690	\$42,470	\$47,860	200	230	15.0%	8
49-9041	Industrial Machinery Mechanics	LT OJT	\$23,630	\$36,780	\$43,340	190	230	21.1%	10

2016 High Priority Occupations for Pocono Counties Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	N/A	N/A	N/A	30	40	33.3%	1
49-9052	Telecommunications Line Installers & Repairers	LT OJT	\$59,240	\$68,530	\$73,170	90	80	-11.1%	2
49-9071	Maintenance & Repair Workers, General	LT OJT	\$23,250	\$33,200	\$38,180	1,600	1,770	10.6%	48
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$35,000	\$55,450	\$65,680	330	350	6.1%	7
51-3021	Butchers & Meat Cutters	LT OJT	\$23,450	\$33,920	\$39,160	120	130	8.3%	4
51-3092	Food Batchmakers	MT OJT	\$20,510	\$31,060	\$36,330	40	50	25.0%	1
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	\$28,630	\$43,570	\$51,040	100	130	30.0%	6
51-4012	CNC Machine Tool Programmers, Metal & Plastic	LT OJT	N/A	N/A	N/A	20	20	0.0%	1
51-4033	Grinding, Lapping, Polishing & Buffing Machine Operators, Metal & Plastic	MT OJT	N/A	N/A	N/A	10	10	0.0%	0
51-4041	Machinists	LT OJT	\$23,020	\$36,360	\$43,040	210	230	9.5%	7
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	\$20,850	\$29,750	\$34,200	210	170	-19.0%	4
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$26,900	\$39,510	\$45,820	160	180	12.5%	6
51-5112	Printing Press Operators	MT OJT	\$19,890	\$31,670	\$37,560	370	410	10.8%	10
51-5113	Print Binding & Finishing Workers	ST OJT	N/A	N/A	N/A	10	10	0.0%	0
51-9011	Chemical Equipment Operators & Tenders	MT OJT	\$30,910	\$40,850	\$45,820	40	40	0.0%	1
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$24,000	\$34,490	\$39,740	510	590	15.7%	20
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	\$18,310	\$24,580	\$27,720	1,140	1,050	-7.9%	27
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	\$44,100	\$58,470	\$65,650	80	90	12.5%	3
53-3021	Bus Drivers, Transit & Intercity	MT OJT	\$17,620	\$28,850	\$34,470	90	90	0.0%	2
53-3022	Bus Drivers, School or Special Client	ST OJT	\$17,560	\$25,570	\$29,570	530	600	13.2%	18
53-3031	Driver/Sales Workers	ST OJT	\$16,820	\$29,810	\$36,310	130	130	0.0%	2
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	\$26,410	\$38,740	\$44,910	1,340	1,510	12.7%	39
53-3033	Light Truck or Delivery Services Drivers	ST OJT	\$17,500	\$26,530	\$31,050	440	450	2.3%	8
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$27,180	\$33,770	\$37,070	290	310	6.9%	9

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.

2016 High Priority Occupations for South Central Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
11-2022	Sales Managers	BD+	\$59,660	\$111,850	\$137,950	950	1,000	5.3%	25
11-9151	Social & Community Service Managers	BD+	\$43,810	\$68,680	\$81,110	630	700	11.1%	20
13-1023	Purchasing Agents	BD+	\$42,120	\$62,630	\$72,890	1,620	1,700	4.9%	37
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	\$39,220	\$59,450	\$69,570	2,270	2,330	2.6%	58
13-1051	Cost Estimators	BD	\$40,640	\$60,770	\$70,830	1,210	1,450	19.8%	63
13-1081	Logisticians	BD	\$50,840	\$74,490	\$86,320	660	820	24.2%	24
13-1151	Training & Development Specialists	BD+	\$34,620	\$57,890	\$69,530	1,230	1,360	10.6%	35
13-1161	Market Research Analysts & Marketing Specialists	BD	\$37,000	\$59,450	\$70,670	1,960	2,500	27.6%	81
13-2011	Accountants & Auditors	BD	\$45,110	\$68,630	\$80,390	6,110	6,750	10.5%	245
13-2051	Financial Analysts	BD	\$44,570	\$72,170	\$85,960	1,060	1,190	12.3%	39
15-1121	Computer Systems Analysts	BD	\$51,410	\$77,970	\$91,250	2,120	2,740	29.2%	95
15-1131	Computer Programmers	BD	\$49,670	\$76,580	\$90,040	1,300	1,500	15.4%	54
15-1132	Software Developers, Applications	BD	\$49,970	\$76,240	\$89,370	1,990	2,320	16.6%	60
15-1133	Software Developers, Systems Software	BD	\$53,960	\$87,500	\$104,260	970	1,220	25.8%	37
15-1142	Network & Computer Systems Administrators	BD	\$48,140	\$69,150	\$79,650	1,610	1,790	11.2%	43
15-1151	Computer User Support Specialists	PS	\$32,560	\$49,720	\$58,300	1,980	2,340	18.2%	68
15-1152	Computer Network Support Specialists	AD	\$42,640	\$61,800	\$71,370	870	950	9.2%	21
17-2051	Civil Engineers	BD	\$55,770	\$81,640	\$94,570	1,980	2,450	23.7%	95
17-2072	Electronics Engineers	BD	\$42,770	\$73,940	\$89,530	430	450	4.7%	11
17-2112	Industrial Engineers	BD	\$58,270	\$80,160	\$91,100	1,390	1,540	10.8%	56
17-2141	Mechanical Engineers	BD	\$53,070	\$77,510	\$89,730	970	1,050	8.2%	41
19-4021	Biological Technicians	BD	\$27,160	\$38,840	\$44,680	110	110	0.0%	3
21-1011	Substance Abuse & Behavioral Disorder Counselors	BD	\$28,420	\$42,330	\$49,290	830	970	16.9%	32
21-1012	Educational, Guidance, School & Vocational Counselors	MD	\$33,660	\$52,830	\$62,420	1,210	1,260	4.1%	30
21-1015	Rehabilitation Counselors	MD	\$25,330	\$42,810	\$51,540	730	810	11.0%	23
21-1021	Child, Family & School Social Workers	BD	\$26,920	\$41,700	\$49,090	1,300	1,450	11.5%	43
21-1022	Healthcare Social Workers	MD	\$29,060	\$46,700	\$55,530	560	650	16.1%	21
21-1023	Mental Health & Substance Abuse Social Workers	BD	\$26,750	\$38,250	\$44,000	830	930	12.0%	28
21-1091	Health Educators	BD	\$43,140	\$60,880	\$69,750	510	580	13.7%	20
21-1093	Social & Human Service Assistants	ST OJT	\$21,530	\$30,070	\$34,340	2,340	2,550	9.0%	82
23-2011	Paralegals & Legal Assistants	AD	\$30,320	\$45,760	\$53,480	830	960	15.7%	26
25-2032	Career/Technical Education Teachers, Secondary School	BD+	\$49,860	\$64,230	\$71,420	490	480	-2.0%	13
25-3021	Self-Enrichment Education Teachers	WK EXP	\$19,050	\$36,840	\$45,730	1,210	1,280	5.8%	27
27-2022	Coaches & Scouts	BD	\$17,660	\$36,890	\$46,510	750	810	8.0%	28
29-1051	Pharmacists	PROF	\$102,430	\$117,360	\$124,830	1,180	1,290	9.3%	39
29-1071	Physician Assistants	MD	\$61,530	\$88,910	\$102,590	550	630	14.5%	18

2016 High Priority Occupations for South Central Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
29-1126	Respiratory Therapists	AD	\$48,130	\$60,310	\$66,400	430	540	25.6%	17
29-1141	Registered Nurses	BD	\$52,430	\$68,270	\$76,190	13,040	15,210	16.6%	470
29-1171	Nurse Practitioners	MD	\$71,400	\$96,360	\$108,840	320	390	21.9%	14
29-2011	Medical & Clinical Laboratory Technologists	BD	\$50,130	\$62,150	\$68,160	760	800	5.3%	24
29-2012	Medical & Clinical Laboratory Technicians	AD	\$27,990	\$39,090	\$44,650	710	750	5.6%	23
29-2021	Dental Hygienists	AD	\$45,830	\$61,720	\$69,660	1,110	1,290	16.2%	46
29-2031	Cardiovascular Technologists & Technicians	AD	\$36,240	\$51,900	\$59,720	320	410	28.1%	13
29-2032	Diagnostic Medical Sonographers	AD	\$46,690	\$62,380	\$70,220	240	330	37.5%	12
29-2034	Radiologic Technologists	AD	\$41,980	\$56,720	\$64,080	950	1,100	15.8%	28
29-2041	Emergency Medical Technicians & Paramedics	PS	\$21,500	\$30,770	\$35,400	1,430	1,730	21.0%	69
29-2052	Pharmacy Technicians	MT OJT	\$20,290	\$29,810	\$34,570	1,360	1,530	12.5%	31
29-2055	Surgical Technologists	PS	\$32,190	\$45,620	\$52,330	460	570	23.9%	16
29-2056	Veterinary Technologists & Technicians	AD	\$26,800	\$33,620	\$37,040	450	560	24.4%	14
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$34,490	\$43,790	\$48,440	4,110	4,750	15.6%	164
29-2071	Medical Records & Health Information Technicians	PS	\$26,450	\$38,030	\$43,820	950	1,110	16.8%	42
29-2081	Opticians, Dispensing	LT OJT	\$27,730	\$38,170	\$43,390	310	360	16.1%	14
31-1014	Nursing Assistants	PS	\$23,650	\$28,910	\$31,540	6,800	7,310	7.5%	180
31-2011	Occupational Therapy Assistants	AD	\$32,300	\$49,600	\$58,240	230	280	21.7%	12
31-2021	Physical Therapist Assistants	AD	\$39,280	\$50,600	\$56,250	450	570	26.7%	23
31-9091	Dental Assistants	PS	\$26,000	\$34,020	\$38,030	1,300	1,450	11.5%	41
31-9097	Phlebotomists	PS	\$28,930	\$38,120	\$42,720	520	600	15.4%	18
35-1011	Chefs & Head Cooks	WK EXP	\$30,600	\$45,170	\$52,450	510	530	3.9%	10
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$21,920	\$34,070	\$40,140	3,250	3,650	12.3%	132
39-3011	Gaming Dealers	ST OJT	N/A	N/A	N/A	370	370	0.0%	7
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	\$21,990	\$34,860	\$41,300	1,370	1,540	12.4%	33
41-1011	Supervisors - Retail Sales Workers	WK EXP	\$29,520	\$46,160	\$54,480	5,810	5,950	2.4%	140
41-2021	Counter & Rental Clerks	ST OJT	\$17,250	\$25,650	\$29,850	1,940	2,150	10.8%	71
41-3011	Advertising Sales Agents	MT OJT	\$23,650	\$61,520	\$80,450	580	570	-1.7%	18
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	\$34,480	\$70,280	\$88,180	750	810	8.0%	24
41-4011	Sales Representatives, Technical & Scientific Products	BD+	\$43,140	\$73,500	\$88,670	880	990	12.5%	29
41-4012	Sales Representatives	MT OJT	\$32,780	\$62,770	\$77,760	6,780	7,170	5.8%	171
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$38,020	\$55,150	\$63,710	7,150	7,700	7.7%	225
43-3011	Bill & Account Collectors	MT OJT	\$26,330	\$35,140	\$39,540	1,430	1,580	10.5%	55
43-3021	Billing & Posting Clerks	MT OJT	\$26,100	\$34,860	\$39,240	2,360	2,660	12.7%	74
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	\$25,170	\$36,780	\$42,590	7,580	8,330	9.9%	145
43-4011	Brokerage Clerks	MT OJT	\$34,330	\$44,440	\$49,490	90	80	-11.1%	2

2016 High Priority Occupations for South Central Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
43-4051	Customer Service Representatives	ST OJT	\$23,500	\$33,560	\$38,590	10,240	11,240	9.8%	379
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	\$17,060	\$20,810	\$22,680	1,230	1,360	10.6%	71
43-5011	Cargo & Freight Agents	ST OJT	\$31,890	\$44,840	\$51,320	310	350	12.9%	12
43-5032	Dispatchers	MT OJT	\$27,500	\$40,780	\$47,430	750	840	12.0%	32
43-5061	Production, Planning & Expediting Clerks	MT OJT	\$29,650	\$44,940	\$52,590	1,740	1,900	9.2%	59
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	\$23,440	\$33,320	\$38,250	3,510	3,590	2.3%	100
43-6012	Legal Secretaries	MT OJT	\$33,970	\$44,130	\$49,210	1,050	1,050	0.0%	13
43-6013	Medical Secretaries	MT OJT	\$25,350	\$32,240	\$35,690	2,660	3,380	27.1%	104
43-6014	Secretaries	ST OJT	\$23,080	\$33,730	\$39,050	12,300	13,410	9.0%	258
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	\$29,240	\$39,430	\$44,530	2,000	2,100	5.0%	63
43-9061	Office Clerks, General	ST OJT	\$22,070	\$32,150	\$37,180	14,880	15,180	2.0%	343
45-1011	Farm & Forestry Worker Supervisors	WK EXP	\$50,140	\$62,300	\$68,380	310	310	0.0%	6
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	\$44,920	\$62,850	\$71,810	2,070	2,430	17.4%	57
47-2021	Brickmasons & Blockmasons	LT OJT	\$29,810	\$43,610	\$50,500	360	480	33.3%	16
47-2031	Carpenters	LT OJT	\$29,180	\$43,320	\$50,390	5,170	6,120	18.4%	159
47-2051	Cement Masons & Concrete Finishers	MT OJT	\$29,470	\$41,250	\$47,130	540	670	24.1%	19
47-2061	Construction Laborers	ST OJT	\$25,210	\$35,750	\$41,020	3,250	3,830	17.8%	128
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	\$33,160	\$42,580	\$47,290	2,600	2,920	12.3%	91
47-2111	Electricians	LT OJT	\$35,590	\$48,750	\$55,330	2,570	2,880	12.1%	79
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$34,490	\$47,230	\$53,590	1,830	2,100	14.8%	50
47-2211	Sheet Metal Workers	LT OJT	\$33,160	\$45,400	\$51,520	700	760	8.6%	19
47-2221	Structural Iron & Steel Workers	LT OJT	\$32,680	\$39,890	\$43,490	260	300	15.4%	12
47-4011	Construction & Building Inspectors	WK EXP	\$37,890	\$54,070	\$62,160	760	880	15.8%	30
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	N/A	N/A	N/A	20	30	50.0%	2
47-5071	Roustabouts, Oil & Gas	MT OJT	N/A	N/A	N/A	50	70	40.0%	2
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$41,170	\$62,640	\$73,370	1,880	1,990	5.9%	62
49-2098	Security & Fire Alarm Systems Installers	MT OJT	\$29,030	\$40,500	\$46,240	290	340	17.2%	10
49-3021	Automotive Body & Related Repairers	LT OJT	\$29,980	\$44,420	\$51,640	700	770	10.0%	21
49-3023	Automotive Service Technicians & Mechanics	PS	\$23,500	\$37,060	\$43,840	4,870	5,210	7.0%	158
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	\$33,130	\$45,080	\$51,050	1,680	1,890	12.5%	57
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	\$26,210	\$35,360	\$39,930	290	310	6.9%	11
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$33,340	\$46,310	\$52,800	1,230	1,350	9.8%	43
49-9041	Industrial Machinery Mechanics	LT OJT	\$35,960	\$48,290	\$54,460	2,790	3,620	29.7%	163
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	\$59,660	\$80,110	\$90,340	700	810	15.7%	36
49-9052	Telecommunications Line Installers & Repairers	LT OJT	\$32,310	\$52,410	\$62,460	560	570	1.8%	15
49-9071	Maintenance & Repair Workers, General	LT OJT	\$25,540	\$38,540	\$45,040	7,430	8,050	8.3%	206

2016 High Priority Occupations for South Central Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$39,200	\$57,280	\$66,310	3,520	3,570	1.4%	55
51-3021	Butchers & Meat Cutters	LT OJT	\$25,140	\$32,450	\$36,110	920	1,010	9.8%	32
51-3092	Food Batchmakers	MT OJT	\$20,390	\$31,040	\$36,360	1,070	1,080	0.9%	36
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	\$28,760	\$38,360	\$43,170	710	850	19.7%	35
51-4012	CNC Machine Tool Programmers, Metal & Plastic	LT OJT	\$34,950	\$46,620	\$52,450	120	150	25.0%	6
51-4033	Grinding, Lapping, Polishing & Buffing Machine Operators, Metal & Plastic	MT OJT	\$25,840	\$37,210	\$42,890	770	730	-5.2%	17
51-4041	Machinists	LT OJT	\$30,690	\$41,340	\$46,660	2,350	2,720	15.7%	91
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	\$25,440	\$34,720	\$39,370	1,080	1,030	-4.6%	21
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$30,310	\$40,100	\$45,000	2,350	2,490	6.0%	72
51-5112	Printing Press Operators	MT OJT	\$25,100	\$35,530	\$40,750	1,600	1,570	-1.9%	28
51-5113	Print Binding & Finishing Workers	ST OJT	\$20,000	\$28,500	\$32,750	630	610	-3.2%	11
51-9011	Chemical Equipment Operators & Tenders	MT OJT	\$23,050	\$35,550	\$41,790	210	200	-4.8%	7
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$24,880	\$36,730	\$42,660	2,960	3,210	8.4%	90
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	\$20,780	\$33,240	\$39,470	2,590	2,650	2.3%	67
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	\$43,480	\$60,990	\$69,740	1,070	1,170	9.3%	40
53-3031	Driver/Sales Workers	ST OJT	\$17,090	\$25,220	\$29,290	2,810	2,990	6.4%	63
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	\$31,210	\$43,720	\$49,980	12,670	14,660	15.7%	402
53-3033	Light Truck or Delivery Services Drivers	ST OJT	\$19,550	\$33,700	\$40,770	5,390	5,570	3.3%	104
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$26,970	\$35,590	\$39,900	5,300	5,420	2.3%	134

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.

2016 High Priority Occupations for Southern Alleghenies Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
11-2022	Sales Managers	BD+	\$58,600	\$123,530	\$155,990	170	180	5.9%	5
11-9151	Social & Community Service Managers	BD+	\$36,640	\$58,380	\$69,240	190	230	21.1%	7
13-1023	Purchasing Agents	BD+	\$36,950	\$52,390	\$60,120	340	360	5.9%	8
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	\$30,210	\$49,640	\$59,350	310	380	22.6%	14
13-1051	Cost Estimators	BD	\$34,280	\$51,320	\$59,840	310	360	16.1%	15
13-1081	Logisticians	BD	\$47,140	\$60,940	\$67,840	80	90	12.5%	2
13-1151	Training & Development Specialists	BD+	\$28,900	\$47,630	\$57,000	180	200	11.1%	6
13-1161	Market Research Analysts & Marketing Specialists	BD	\$31,900	\$53,900	\$64,900	350	480	37.1%	17
13-2011	Accountants & Auditors	BD	\$31,450	\$62,700	\$78,320	1,000	1,100	10.0%	40
13-2051	Financial Analysts	BD	\$47,670	\$76,730	\$91,250	70	80	14.3%	2
15-1121	Computer Systems Analysts	BD	\$48,590	\$72,830	\$84,960	170	250	47.1%	11
15-1131	Computer Programmers	BD	\$36,000	\$58,950	\$70,430	160	210	31.3%	9
15-1132	Software Developers, Applications	BD	\$48,430	\$73,280	\$85,710	100	160	60.0%	7
15-1133	Software Developers, Systems Software	BD	\$38,140	\$56,290	\$65,360	170	220	29.4%	7
15-1142	Network & Computer Systems Administrators	BD	\$39,680	\$59,860	\$69,950	270	300	11.1%	8
15-1151	Computer User Support Specialists	PS	\$24,270	\$38,380	\$45,440	350	430	22.9%	14
15-1152	Computer Network Support Specialists	AD	\$37,010	\$59,920	\$71,370	30	40	33.3%	0
17-2051	Civil Engineers	BD	\$53,750	\$75,860	\$86,920	400	460	15.0%	16
17-2072	Electronics Engineers	BD	\$43,420	\$63,500	\$73,550	60	60	0.0%	1
17-2112	Industrial Engineers	BD	\$48,570	\$70,790	\$81,900	290	300	3.4%	10
17-2141	Mechanical Engineers	BD	\$49,620	\$71,950	\$83,120	280	300	7.1%	12
19-4021	Biological Technicians	BD	N/A	N/A	N/A	30	30	0.0%	1
21-1011	Substance Abuse & Behavioral Disorder Counselors	BD	\$31,420	\$42,760	\$48,440	290	350	20.7%	12
21-1012	Educational, Guidance, School & Vocational Counselors	MD	\$24,800	\$47,250	\$58,480	330	340	3.0%	8
21-1015	Rehabilitation Counselors	MD	\$25,120	\$45,430	\$55,580	230	260	13.0%	8
21-1021	Child, Family & School Social Workers	BD	\$25,830	\$36,160	\$41,330	660	780	18.2%	26
21-1022	Healthcare Social Workers	MD	\$27,140	\$42,710	\$50,490	210	260	23.8%	9
21-1023	Mental Health & Substance Abuse Social Workers	BD	\$26,830	\$37,600	\$42,980	180	210	16.7%	7
21-1091	Health Educators	BD	\$37,120	\$53,050	\$61,010	40	50	25.0%	2
21-1093	Social & Human Service Assistants	ST OJT	\$21,600	\$30,490	\$34,930	1,050	1,150	9.5%	38
23-2011	Paralegals & Legal Assistants	AD	\$25,920	\$35,840	\$40,800	90	110	22.2%	3
25-2032	Career/Technical Education Teachers, Secondary School	BD+	\$43,100	\$57,460	\$64,630	110	100	-9.1%	3
25-3021	Self-Enrichment Education Teachers	WK EXP	\$16,830	\$31,850	\$39,360	230	260	13.0%	7
27-2022	Coaches & Scouts	BD	\$16,860	\$28,840	\$34,840	150	160	6.7%	5
29-1051	Pharmacists	PROF	\$93,040	\$118,750	\$131,610	400	440	10.0%	13
29-1071	Physician Assistants	MD	\$59,630	\$83,410	\$95,300	140	150	7.1%	3

2016 High Priority Occupations for Southern Alleghenies Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
29-1126	Respiratory Therapists	AD	\$43,860	\$52,350	\$56,600	230	270	17.4%	6
29-1141	Registered Nurses	BD	\$49,390	\$62,240	\$68,670	4,340	5,040	16.1%	154
29-1171	Nurse Practitioners	MD	N/A	N/A	N/A	110	130	18.2%	4
29-2011	Medical & Clinical Laboratory Technologists	BD	\$41,540	\$54,200	\$60,530	220	220	0.0%	6
29-2012	Medical & Clinical Laboratory Technicians	AD	\$26,990	\$38,090	\$43,640	380	450	18.4%	16
29-2021	Dental Hygienists	AD	\$48,500	\$54,650	\$57,720	190	220	15.8%	8
29-2031	Cardiovascular Technologists & Technicians	AD	\$35,310	\$51,020	\$58,880	90	120	33.3%	3
29-2032	Diagnostic Medical Sonographers	AD	\$48,580	\$58,060	\$62,800	120	160	33.3%	6
29-2034	Radiologic Technologists	AD	\$38,470	\$49,860	\$55,550	360	400	11.1%	9
29-2041	Emergency Medical Technicians & Paramedics	PS	\$17,290	\$24,980	\$28,820	800	1,010	26.3%	43
29-2052	Pharmacy Technicians	MT OJT	\$19,690	\$27,700	\$31,700	530	590	11.3%	11
29-2055	Surgical Technologists	PS	\$34,910	\$41,760	\$45,190	120	150	25.0%	4
29-2056	Veterinary Technologists & Technicians	AD	\$20,350	\$24,840	\$27,080	90	110	22.2%	3
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$31,310	\$37,540	\$40,660	1,790	2,110	17.9%	76
29-2071	Medical Records & Health Information Technicians	PS	\$26,680	\$35,250	\$39,540	290	330	13.8%	12
29-2081	Opticians, Dispensing	LT OJT	\$20,000	\$28,410	\$32,620	120	140	16.7%	5
31-1014	Nursing Assistants	PS	\$21,810	\$27,190	\$29,880	2,680	2,930	9.3%	75
31-2011	Occupational Therapy Assistants	AD	\$33,770	\$42,350	\$46,640	100	110	10.0%	3
31-2021	Physical Therapist Assistants	AD	\$34,390	\$43,090	\$47,440	140	160	14.3%	5
31-9091	Dental Assistants	PS	\$23,690	\$30,220	\$33,480	360	390	8.3%	10
31-9092	Medical Assistants	PS	\$20,200	\$26,680	\$29,920	660	740	12.1%	21
31-9097	Phlebotomists	PS	\$24,690	\$33,320	\$37,630	120	140	16.7%	4
35-1011	Chefs & Head Cooks	WK EXP	\$35,160	\$47,720	\$54,010	100	110	10.0%	3
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$18,960	\$30,700	\$36,570	1,140	1,250	9.6%	43
39-3011	Gaming Dealers	ST OJT	N/A	N/A	N/A	0	0	0.0%	0
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	\$17,760	\$28,280	\$33,540	260	310	19.2%	7
41-1011	Supervisors - Retail Sales Workers	WK EXP	\$26,340	\$40,500	\$47,590	1,810	1,810	0.0%	39
41-2021	Counter & Rental Clerks	ST OJT	\$17,960	\$28,870	\$34,330	430	470	9.3%	15
41-3011	Advertising Sales Agents	MT OJT	\$26,870	\$48,490	\$59,300	150	150	0.0%	5
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	\$43,860	\$71,590	\$85,460	400	400	0.0%	9
41-4011	Sales Representatives, Technical & Scientific Products	BD+	\$52,530	\$83,430	\$98,880	260	300	15.4%	9
41-4012	Sales Representatives	MT OJT	\$30,080	\$56,440	\$69,620	1,730	1,840	6.4%	45
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$30,980	\$47,240	\$55,370	1,660	1,790	7.8%	52
43-3011	Bill & Account Collectors	MT OJT	\$26,300	\$34,650	\$38,830	190	200	5.3%	6
43-3021	Billing & Posting Clerks	MT OJT	\$22,250	\$30,100	\$34,030	670	740	10.4%	19
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	\$19,040	\$30,280	\$35,890	2,180	2,370	8.7%	39

2016 High Priority Occupations for Southern Alleghenies Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
43-4011	Brokerage Clerks	MT OJT	N/A	N/A	N/A	10	10	0.0%	0
43-4051	Customer Service Representatives	ST OJT	\$17,670	\$27,420	\$32,290	2,490	2,750	10.4%	94
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	\$16,960	\$19,080	\$20,130	300	340	13.3%	18
43-5011	Cargo & Freight Agents	ST OJT	N/A	N/A	N/A	50	60	20.0%	2
43-5032	Dispatchers	MT OJT	\$26,290	\$42,270	\$50,260	280	310	10.7%	12
43-5061	Production, Planning & Expediting Clerks	MT OJT	\$30,090	\$45,400	\$53,060	340	350	2.9%	9
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	\$20,480	\$29,370	\$33,810	690	700	1.4%	19
43-6012	Legal Secretaries	MT OJT	\$24,650	\$33,130	\$37,370	140	150	7.1%	3
43-6013	Medical Secretaries	MT OJT	\$20,960	\$27,790	\$31,200	880	1,050	19.3%	28
43-6014	Secretaries	ST OJT	\$19,180	\$28,200	\$32,710	3,270	3,570	9.2%	69
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	\$25,760	\$35,460	\$40,320	80	110	37.5%	4
43-9061	Office Clerks, General	ST OJT	\$17,960	\$27,010	\$31,530	4,220	4,300	1.9%	97
45-1011	Farm & Forestry Worker Supervisors	WK EXP	\$43,800	\$53,620	\$58,540	160	160	0.0%	3
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	\$36,310	\$53,330	\$61,840	810	920	13.6%	20
47-2021	Brickmasons & Blockmasons	LT OJT	\$22,350	\$29,800	\$33,520	90	110	22.2%	2
47-2031	Carpenters	LT OJT	\$27,220	\$42,730	\$50,490	1,760	2,090	18.8%	56
47-2051	Cement Masons & Concrete Finishers	MT OJT	\$26,210	\$35,130	\$39,590	160	190	18.8%	5
47-2061	Construction Laborers	ST OJT	\$20,910	\$32,860	\$38,840	1,570	1,860	18.5%	63
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	\$29,810	\$40,870	\$46,400	1,500	1,580	5.3%	41
47-2111	Electricians	LT OJT	\$29,600	\$46,720	\$55,290	740	840	13.5%	24
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$29,590	\$43,000	\$49,710	490	600	22.4%	17
47-2211	Sheet Metal Workers	LT OJT	\$27,650	\$35,080	\$38,790	200	200	0.0%	5
47-2221	Structural Iron & Steel Workers	LT OJT	N/A	N/A	N/A	90	100	11.1%	4
47-4011	Construction & Building Inspectors	WK EXP	\$37,430	\$62,010	\$74,300	280	290	3.6%	8
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	N/A	N/A	N/A	10	10	0.0%	0
47-5071	Roustabouts, Oil & Gas	MT OJT	N/A	N/A	N/A	20	30	50.0%	1
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$38,910	\$58,990	\$69,030	540	570	5.6%	18
49-2098	Security & Fire Alarm Systems Installers	MT OJT	\$27,560	\$37,000	\$41,730	50	60	20.0%	2
49-3021	Automotive Body & Related Repairers	LT OJT	\$25,620	\$36,220	\$41,520	200	210	5.0%	5
49-3023	Automotive Service Technicians & Mechanics	PS	\$18,380	\$30,630	\$36,760	1,500	1,560	4.0%	44
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	\$23,110	\$36,070	\$42,550	550	600	9.1%	17
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	\$25,740	\$35,910	\$41,000	50	50	0.0%	1
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$27,280	\$37,760	\$42,990	320	360	12.5%	12
49-9041	Industrial Machinery Mechanics	LT OJT	\$31,370	\$43,930	\$50,220	560	690	23.2%	29
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	\$53,770	\$68,220	\$75,450	270	330	22.2%	15
49-9052	Telecommunications Line Installers & Repairers	LT OJT	\$30,630	\$45,930	\$53,580	190	190	0.0%	4

2016 High Priority Occupations for Southern Alleghenies Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
49-9071	Maintenance & Repair Workers, General	LT OJT	\$20,520	\$32,660	\$38,720	1,880	2,030	8.0%	51
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$33,920	\$52,420	\$61,680	1,000	1,010	1.0%	15
51-3021	Butchers & Meat Cutters	LT OJT	\$20,740	\$28,190	\$31,920	230	240	4.3%	6
51-3092	Food Batchmakers	MT OJT	\$17,300	\$28,400	\$33,950	170	170	0.0%	6
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	\$26,170	\$35,100	\$39,570	250	300	20.0%	12
51-4012	CNC Machine Tool Programmers, Metal & Plastic	LT OJT	\$30,960	\$43,620	\$49,950	30	40	33.3%	2
51-4033	Grinding, Lapping, Polishing & Buffing Machine Operators, Metal & Plastic	MT OJT	\$25,490	\$31,370	\$34,310	110	90	-18.2%	2
51-4041	Machinists	LT OJT	\$25,410	\$36,940	\$42,700	880	960	9.1%	28
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	\$25,990	\$34,160	\$38,240	140	140	0.0%	3
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$26,380	\$37,370	\$42,870	890	950	6.7%	28
51-5112	Printing Press Operators	MT OJT	\$18,260	\$29,250	\$34,750	360	340	-5.6%	6
51-5113	Print Binding & Finishing Workers	ST OJT	N/A	N/A	N/A	60	50	-16.7%	1
51-9011	Chemical Equipment Operators & Tenders	MT OJT	\$33,370	\$49,060	\$56,910	80	70	-12.5%	3
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$27,600	\$38,320	\$43,680	670	700	4.5%	19
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	\$17,140	\$27,970	\$33,380	600	590	-1.7%	14
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	\$37,340	\$54,380	\$62,900	250	270	8.0%	9
53-3031	Driver/Sales Workers	ST OJT	\$16,970	\$25,700	\$30,070	1,110	1,240	11.7%	31
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	\$29,090	\$41,890	\$48,290	3,420	4,000	17.0%	113
53-3033	Light Truck or Delivery Services Drivers	ST OJT	\$18,410	\$30,480	\$36,510	1,600	1,640	2.5%	30
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$23,810	\$34,970	\$40,540	680	700	2.9%	18

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.

2016 High Priority Occupations for Southwest Corner Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
11-2022	Sales Managers	BD+	\$75,580	\$131,710	\$159,780	260	270	3.8%	8
11-9151	Social & Community Service Managers	BD+	\$49,280	\$72,940	\$84,770	170	190	11.8%	5
13-1023	Purchasing Agents	BD+	\$38,150	\$56,260	\$65,310	380	400	5.3%	9
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	\$43,950	\$57,520	\$64,300	90	90	0.0%	2
13-1051	Cost Estimators	BD	\$44,970	\$61,680	\$70,030	360	410	13.9%	17
13-1081	Logisticians	BD	\$52,320	\$70,320	\$79,320	70	100	42.9%	4
13-1151	Training & Development Specialists	BD+	\$34,850	\$58,480	\$70,300	130	140	7.7%	3
13-1161	Market Research Analysts & Marketing Specialists	BD	\$38,540	\$62,280	\$74,150	290	380	31.0%	12
13-2011	Accountants & Auditors	BD	\$44,270	\$67,600	\$79,260	1,450	1,600	10.3%	57
13-2051	Financial Analysts	BD	\$49,940	\$73,770	\$85,690	130	160	23.1%	5
15-1121	Computer Systems Analysts	BD	N/A	N/A	N/A	180	220	22.2%	7
15-1131	Computer Programmers	BD	\$48,590	\$78,940	\$94,120	210	230	9.5%	7
15-1132	Software Developers, Applications	BD	\$77,560	\$91,310	\$98,180	150	160	6.7%	3
15-1133	Software Developers, Systems Software	BD	\$89,360	\$113,600	\$125,720	130	160	23.1%	4
15-1142	Network & Computer Systems Administrators	BD	\$47,040	\$68,670	\$79,480	280	310	10.7%	6
15-1151	Computer User Support Specialists	PS	\$37,590	\$61,350	\$73,230	400	460	15.0%	12
15-1152	Computer Network Support Specialists	AD	\$39,500	\$59,900	\$70,100	90	110	22.2%	2
17-2051	Civil Engineers	BD	\$63,560	\$88,170	\$100,470	690	930	34.8%	41
17-2072	Electronics Engineers	BD	\$49,210	\$76,400	\$89,990	140	150	7.1%	4
17-2112	Industrial Engineers	BD	\$61,270	\$85,350	\$97,400	290	330	13.8%	12
17-2141	Mechanical Engineers	BD	\$60,060	\$80,870	\$91,280	160	170	6.3%	6
17-3011	Architectural & Civil Drafters	AD	\$37,930	\$48,980	\$54,510	120	130	8.3%	2
17-3013	Mechanical Drafters	AD	\$34,220	\$48,410	\$55,500	70	70	0.0%	1
19-4021	Biological Technicians	BD	N/A	N/A	N/A	10	10	0.0%	0
21-1011	Substance Abuse & Behavioral Disorder Counselors	BD	\$27,770	\$39,520	\$45,390	500	600	20.0%	21
21-1012	Educational, Guidance, School & Vocational Counselors	MD	\$38,180	\$51,480	\$58,120	360	380	5.6%	10
21-1015	Rehabilitation Counselors	MD	\$18,950	\$34,400	\$42,130	170	190	11.8%	6
21-1021	Child, Family & School Social Workers	BD	\$28,850	\$42,460	\$49,260	510	560	9.8%	16
21-1022	Healthcare Social Workers	MD	\$38,900	\$49,580	\$54,920	130	150	15.4%	5
21-1023	Mental Health & Substance Abuse Social Workers	BD	\$23,840	\$35,470	\$41,290	200	210	5.0%	5
21-1091	Health Educators	BD	\$43,350	\$57,010	\$63,850	50	50	0.0%	2
21-1093	Social & Human Service Assistants	ST OJT	\$22,630	\$34,560	\$40,530	720	790	9.7%	27
23-2011	Paralegals & Legal Assistants	AD	\$36,350	\$50,240	\$57,180	270	330	22.2%	10
25-2032	Career/Technical Education Teachers, Secondary School	BD+	\$44,070	\$52,920	\$57,350	50	60	20.0%	2
25-3021	Self-Enrichment Education Teachers	WK EXP	\$17,140	\$28,740	\$34,540	280	300	7.1%	6
27-2022	Coaches & Scouts	BD	\$21,500	\$44,510	\$56,020	270	290	7.4%	10

2016 High Priority Occupations for Southwest Corner Workforce Development Area

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			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
29-1051	Pharmacists	PROF	\$71,830	\$101,010	\$115,600	200	220	10.0%	7
29-1071	Physician Assistants	MD	\$68,480	\$91,740	\$103,370	240	310	29.2%	11
29-1126	Respiratory Therapists	AD	\$44,080	\$53,640	\$58,420	140	160	14.3%	4
29-1141	Registered Nurses	BD	\$49,670	\$61,830	\$67,910	3,000	3,460	15.3%	104
29-1171	Nurse Practitioners	MD	\$73,600	\$90,090	\$98,330	40	50	25.0%	2
29-2011	Medical & Clinical Laboratory Technologists	BD	\$44,590	\$54,970	\$60,160	130	130	0.0%	4
29-2012	Medical & Clinical Laboratory Technicians	AD	\$31,710	\$39,940	\$44,060	140	150	7.1%	5
29-2021	Dental Hygienists	AD	\$44,790	\$51,630	\$55,050	360	410	13.9%	14
29-2031	Cardiovascular Technologists & Technicians	AD	\$33,740	\$53,720	\$63,710	70	90	28.6%	3
29-2032	Diagnostic Medical Sonographers	AD	\$54,100	\$58,440	\$60,620	70	90	28.6%	3
29-2034	Radiologic Technologists	AD	\$43,480	\$52,720	\$57,350	210	240	14.3%	6
29-2041	Emergency Medical Technicians & Paramedics	PS	\$22,420	\$27,440	\$29,950	400	520	30.0%	23
29-2052	Pharmacy Technicians	MT OJT	\$19,710	\$26,070	\$29,260	160	180	12.5%	4
29-2055	Surgical Technologists	PS	\$33,080	\$40,300	\$43,920	50	60	20.0%	1
29-2056	Veterinary Technologists & Technicians	AD	N/A	N/A	N/A	50	50	0.0%	1
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$35,760	\$42,180	\$45,400	770	890	15.6%	31
29-2071	Medical Records & Health Information Technicians	PS	\$27,830	\$36,330	\$40,580	160	190	18.8%	6
29-2081	Opticians, Dispensing	LT OJT	\$27,880	\$34,480	\$37,780	60	70	16.7%	3
31-1014	Nursing Assistants	PS	\$26,900	\$32,760	\$35,690	1,960	2,090	6.6%	49
31-2011	Occupational Therapy Assistants	AD	\$34,820	\$40,660	\$43,570	50	70	40.0%	3
31-2021	Physical Therapist Assistants	AD	\$36,080	\$45,780	\$50,630	70	90	28.6%	4
31-9091	Dental Assistants	PS	\$23,910	\$31,240	\$34,910	290	300	3.4%	8
31-9097	Phlebotomists	PS	\$31,360	\$36,430	\$38,960	70	80	14.3%	2
35-1011	Chefs & Head Cooks	WK EXP	\$32,400	\$42,020	\$46,830	220	230	4.5%	5
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$21,430	\$38,710	\$47,350	850	950	11.8%	34
39-3011	Gaming Dealers	ST OJT	N/A	N/A	N/A	310	370	19.4%	11
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	\$17,220	\$23,530	\$26,680	130	130	0.0%	2
41-1011	Supervisors - Retail Sales Workers	WK EXP	\$27,230	\$40,270	\$46,780	1,720	1,720	0.0%	38
41-2021	Counter & Rental Clerks	ST OJT	\$17,360	\$26,840	\$31,590	530	590	11.3%	19
41-3011	Advertising Sales Agents	MT OJT	N/A	N/A	N/A	170	170	0.0%	5
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	\$27,980	\$53,210	\$65,820	350	370	5.7%	10
41-4011	Sales Representatives, Technical & Scientific Products	BD+	\$33,280	\$67,030	\$83,910	230	240	4.3%	5
41-4012	Sales Representatives	MT OJT	\$37,550	\$66,230	\$80,570	1,690	1,740	3.0%	38
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$34,160	\$52,970	\$62,380	1,300	1,390	6.9%	40
43-3011	Bill & Account Collectors	MT OJT	\$24,280	\$33,470	\$38,070	330	360	9.1%	12
43-3021	Billing & Posting Clerks	MT OJT	\$25,750	\$33,340	\$37,130	610	700	14.8%	19

2016 High Priority Occupations for Southwest Corner Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	\$24,150	\$36,520	\$42,700	2,120	2,310	9.0%	39
43-4011	Brokerage Clerks	MT OJT	N/A	N/A	N/A	20	20	0.0%	0
43-4051	Customer Service Representatives	ST OJT	\$22,910	\$34,720	\$40,620	1,780	1,880	5.6%	57
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	\$17,100	\$19,810	\$21,170	240	290	20.8%	16
43-5011	Cargo & Freight Agents	ST OJT	N/A	N/A	N/A	80	100	25.0%	4
43-5032	Dispatchers	MT OJT	\$24,360	\$35,800	\$41,530	150	180	20.0%	7
43-5061	Production, Planning & Expediting Clerks	MT OJT	\$33,200	\$46,360	\$52,940	400	410	2.5%	11
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	\$25,300	\$34,800	\$39,560	770	750	-2.6%	20
43-6012	Legal Secretaries	MT OJT	\$26,120	\$38,240	\$44,310	410	400	-2.4%	5
43-6013	Medical Secretaries	MT OJT	\$24,540	\$29,370	\$31,780	430	530	23.3%	15
43-6014	Secretaries	ST OJT	\$21,450	\$31,580	\$36,640	3,170	3,560	12.3%	77
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	\$28,040	\$35,950	\$39,910	100	100	0.0%	3
43-9061	Office Clerks, General	ST OJT	\$19,670	\$31,510	\$37,440	4,380	4,390	0.2%	93
45-1011	Farm & Forestry Worker Supervisors	WK EXP	N/A	N/A	N/A	120	120	0.0%	2
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	\$47,130	\$73,860	\$87,230	1,380	1,540	11.6%	31
47-2021	Brickmasons & Blockmasons	LT OJT	N/A	N/A	N/A	180	200	11.1%	4
47-2031	Carpenters	LT OJT	\$34,760	\$53,800	\$63,320	1,730	2,060	19.1%	54
47-2051	Cement Masons & Concrete Finishers	MT OJT	N/A	N/A	N/A	210	230	9.5%	4
47-2061	Construction Laborers	ST OJT	\$21,540	\$34,970	\$41,680	2,240	2,650	18.3%	89
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	\$34,550	\$48,220	\$55,060	1,520	1,710	12.5%	54
47-2111	Electricians	LT OJT	\$36,630	\$56,470	\$66,390	920	940	2.2%	19
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$37,520	\$56,900	\$66,580	1,340	1,390	3.7%	22
47-2211	Sheet Metal Workers	LT OJT	\$61,120	\$68,700	\$72,480	160	160	0.0%	3
47-2221	Structural Iron & Steel Workers	LT OJT	\$42,480	\$55,820	\$62,480	240	230	-4.2%	8
47-4011	Construction & Building Inspectors	WK EXP	\$38,000	\$48,220	\$53,330	130	160	23.1%	6
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	\$40,980	\$54,680	\$61,530	220	250	13.6%	11
47-5071	Roustabouts, Oil & Gas	MT OJT	\$29,470	\$39,560	\$44,610	280	310	10.7%	10
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$48,870	\$71,330	\$82,560	530	540	1.9%	15
49-2098	Security & Fire Alarm Systems Installers	MT OJT	N/A	N/A	N/A	90	110	22.2%	4
49-3021	Automotive Body & Related Repairers	LT OJT	\$32,490	\$43,480	\$48,980	110	130	18.2%	3
49-3023	Automotive Service Technicians & Mechanics	PS	\$24,650	\$38,180	\$44,950	1,290	1,380	7.0%	42
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	\$31,970	\$41,010	\$45,520	380	430	13.2%	13
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	N/A	N/A	N/A	50	50	0.0%	2
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$30,100	\$42,560	\$48,790	340	360	5.9%	11
49-9041	Industrial Machinery Mechanics	LT OJT	\$36,070	\$48,900	\$55,320	1,160	1,380	19.0%	56
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	\$67,090	\$78,920	\$84,840	150	170	13.3%	6

2016 High Priority Occupations for Southwest Corner Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
49-9052	Telecommunications Line Installers & Repairers	LT OJT	\$32,460	\$52,490	\$62,500	220	220	0.0%	5
49-9071	Maintenance & Repair Workers, General	LT OJT	\$25,320	\$40,490	\$48,070	1,910	2,000	4.7%	46
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$39,210	\$62,010	\$73,420	1,080	1,070	-0.9%	15
51-3021	Butchers & Meat Cutters	LT OJT	\$26,600	\$30,020	\$31,740	240	230	-4.2%	6
51-3092	Food Batchmakers	MT OJT	\$17,320	\$22,870	\$25,650	90	80	-11.1%	3
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	\$31,840	\$38,870	\$42,380	240	270	12.5%	10
51-4012	CNC Machine Tool Programmers, Metal & Plastic	LT OJT	\$33,890	\$46,990	\$53,550	90	110	22.2%	5
51-4033	Grinding, Lapping, Polishing & Buffing Machine Operators, Metal & Plastic	MT OJT	\$30,730	\$40,300	\$45,080	370	350	-5.4%	8
51-4041	Machinists	LT OJT	\$32,270	\$39,810	\$43,580	630	700	11.1%	21
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	\$26,910	\$33,650	\$37,010	70	70	0.0%	1
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$32,870	\$45,300	\$51,510	630	670	6.3%	20
51-5112	Printing Press Operators	MT OJT	\$18,670	\$25,370	\$28,720	130	130	0.0%	2
51-5113	Print Binding & Finishing Workers	ST OJT	N/A	N/A	N/A	60	60	0.0%	1
51-9011	Chemical Equipment Operators & Tenders	MT OJT	\$39,810	\$62,430	\$73,740	430	420	-2.3%	15
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$28,630	\$38,480	\$43,400	840	910	8.3%	25
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	\$23,420	\$31,290	\$35,230	170	170	0.0%	4
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	\$44,500	\$64,990	\$75,240	240	270	12.5%	10
53-3031	Driver/Sales Workers	ST OJT	\$19,220	\$28,400	\$32,990	490	530	8.2%	12
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	\$30,110	\$42,340	\$48,450	2,840	3,420	20.4%	104
53-3033	Light Truck or Delivery Services Drivers	ST OJT	\$19,490	\$31,130	\$36,950	1,080	1,090	0.9%	17
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$30,560	\$42,810	\$48,940	600	610	1.7%	15

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.

2016 High Priority Occupations for Three Rivers Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
11-2022	Sales Managers	BD+	\$72,450	\$146,070	\$182,880	1,680	1,750	4.2%	42
11-9151	Social & Community Service Managers	BD+	\$42,480	\$71,420	\$85,880	730	790	8.2%	21
13-1023	Purchasing Agents	BD+	\$43,010	\$64,240	\$74,860	1,860	1,950	4.8%	43
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	\$36,070	\$58,070	\$69,070	1,910	1,980	3.7%	52
13-1051	Cost Estimators	BD	\$47,950	\$66,660	\$76,020	1,080	1,260	16.7%	52
13-1081	Logisticians	BD	\$51,150	\$70,580	\$80,300	530	650	22.6%	18
13-1151	Training & Development Specialists	BD+	\$37,590	\$61,900	\$74,060	1,950	2,160	10.8%	58
13-1161	Market Research Analysts & Marketing Specialists	BD	\$37,080	\$63,960	\$77,400	3,420	4,250	24.3%	130
13-2011	Accountants & Auditors	BD	\$45,600	\$69,360	\$81,230	9,130	9,820	7.6%	338
13-2051	Financial Analysts	BD	\$49,670	\$76,160	\$89,400	2,850	3,060	7.4%	90
15-1121	Computer Systems Analysts	BD	\$48,940	\$79,480	\$94,750	4,920	6,060	23.2%	191
15-1131	Computer Programmers	BD	\$46,710	\$71,430	\$83,800	1,830	1,910	4.4%	55
15-1132	Software Developers, Applications	BD	\$56,880	\$88,100	\$103,720	2,860	3,300	15.4%	80
15-1133	Software Developers, Systems Software	BD	\$56,110	\$80,000	\$91,940	2,290	2,720	18.8%	73
15-1142	Network & Computer Systems Administrators	BD	\$51,220	\$73,540	\$84,690	3,110	3,440	10.6%	83
15-1151	Computer User Support Specialists	PS	\$32,550	\$52,950	\$63,150	3,410	4,030	18.2%	116
15-1152	Computer Network Support Specialists	AD	\$38,220	\$60,970	\$72,350	840	900	7.1%	19
17-2051	Civil Engineers	BD	\$57,640	\$85,600	\$99,580	2,400	2,790	16.3%	97
17-2072	Electronics Engineers	BD	\$53,390	\$85,090	\$100,930	870	940	8.0%	26
17-2112	Industrial Engineers	BD	\$64,560	\$89,920	\$102,610	1,550	1,740	12.3%	64
17-2141	Mechanical Engineers	BD	\$63,140	\$92,600	\$107,340	1,320	1,440	9.1%	57
17-3011	Architectural & Civil Drafters	AD	\$39,350	\$54,150	\$61,540	840	780	-7.1%	11
17-3013	Mechanical Drafters	AD	\$36,220	\$53,160	\$61,630	540	540	0.0%	7
19-4021	Biological Technicians	BD	\$30,410	\$42,280	\$48,210	940	1,050	11.7%	39
21-1011	Substance Abuse & Behavioral Disorder Counselors	BD	\$25,420	\$36,840	\$42,550	850	990	16.5%	32
21-1012	Educational, Guidance, School & Vocational Counselors	MD	\$38,400	\$53,970	\$61,760	1,070	1,130	5.6%	29
21-1015	Rehabilitation Counselors	MD	\$25,490	\$34,010	\$38,280	940	1,130	20.2%	39
21-1021	Child, Family & School Social Workers	BD	\$29,410	\$41,780	\$47,980	1,820	1,970	8.2%	53
21-1022	Healthcare Social Workers	MD	\$36,550	\$48,310	\$54,200	940	1,090	16.0%	35
21-1023	Mental Health & Substance Abuse Social Workers	BD	\$29,750	\$40,750	\$46,240	1,760	1,950	10.8%	56
21-1091	Health Educators	BD	\$35,820	\$54,350	\$63,610	280	310	10.7%	10
21-1093	Social & Human Service Assistants	ST OJT	\$22,350	\$30,890	\$35,150	3,620	4,020	11.0%	135
23-2011	Paralegals & Legal Assistants	AD	\$35,710	\$54,850	\$64,420	1,310	1,580	20.6%	49
23-2091	Court Reporters	PS	\$27,040	\$42,160	\$49,720	70	70	0.0%	1
25-2032	Career/Technical Education Teachers, Secondary School	BD+	\$43,970	\$55,480	\$61,240	720	700	-2.8%	19
25-3021	Self-Enrichment Education Teachers	WK EXP	\$21,360	\$38,650	\$47,300	1,550	1,640	5.8%	35

2016 High Priority Occupations for Three Rivers Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
27-2022	Coaches & Scouts	BD	N/A	N/A	N/A	990	1,040	5.1%	34
29-1051	Pharmacists	PROF	\$67,020	\$99,060	\$115,070	1,600	1,770	10.6%	55
29-1071	Physician Assistants	MD	\$64,150	\$83,570	\$93,290	620	680	9.7%	17
29-1126	Respiratory Therapists	AD	\$43,320	\$52,830	\$57,590	900	1,030	14.4%	26
29-1141	Registered Nurses	BD	\$51,520	\$63,790	\$69,920	19,490	22,260	14.2%	655
29-1171	Nurse Practitioners	MD	\$69,740	\$87,320	\$96,110	370	430	16.2%	13
29-2011	Medical & Clinical Laboratory Technologists	BD	\$43,660	\$55,440	\$61,340	1,460	1,520	4.1%	44
29-2012	Medical & Clinical Laboratory Technicians	AD	\$25,980	\$36,700	\$42,060	1,460	1,520	4.1%	44
29-2021	Dental Hygienists	AD	\$47,960	\$59,730	\$65,620	1,150	1,290	12.2%	43
29-2031	Cardiovascular Technologists & Technicians	AD	\$30,560	\$47,740	\$56,330	390	480	23.1%	15
29-2032	Diagnostic Medical Sonographers	AD	\$44,360	\$55,870	\$61,620	330	450	36.4%	17
29-2034	Radiologic Technologists	AD	\$38,670	\$50,400	\$56,260	1,550	1,770	14.2%	44
29-2041	Emergency Medical Technicians & Paramedics	PS	\$24,890	\$36,050	\$41,630	1,980	2,150	8.6%	72
29-2052	Pharmacy Technicians	MT OJT	\$23,000	\$30,090	\$33,630	1,950	2,140	9.7%	38
29-2055	Surgical Technologists	PS	\$31,190	\$39,400	\$43,500	630	780	23.8%	21
29-2056	Veterinary Technologists & Technicians	AD	\$24,350	\$34,150	\$39,040	420	440	4.8%	6
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$34,590	\$42,680	\$46,730	3,380	4,010	18.6%	145
29-2071	Medical Records & Health Information Technicians	PS	\$28,160	\$38,600	\$43,810	1,060	1,220	15.1%	43
29-2081	Opticians, Dispensing	LT OJT	\$28,990	\$41,070	\$47,110	330	380	15.2%	14
31-1014	Nursing Assistants	PS	\$22,700	\$27,920	\$30,520	8,090	8,540	5.6%	199
31-2011	Occupational Therapy Assistants	AD	\$37,940	\$48,040	\$53,090	530	680	28.3%	28
31-2021	Physical Therapist Assistants	AD	\$37,060	\$50,860	\$57,760	520	670	28.8%	27
31-9091	Dental Assistants	PS	\$27,980	\$36,540	\$40,820	1,170	1,230	5.1%	30
31-9092	Medical Assistants	PS	\$24,940	\$29,790	\$32,210	3,040	3,520	15.8%	106
31-9097	Phlebotomists	PS	\$23,710	\$30,450	\$33,820	890	1,000	12.4%	28
35-1011	Chefs & Head Cooks	WK EXP	\$32,830	\$42,330	\$47,090	640	640	0.0%	11
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$20,970	\$33,800	\$40,220	3,760	4,130	9.8%	143
39-3011	Gaming Dealers	ST OJT	N/A	N/A	N/A	510	530	3.9%	12
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	\$19,840	\$37,100	\$45,730	1,150	1,250	8.7%	24
41-1011	Supervisors - Retail Sales Workers	WK EXP	\$28,680	\$47,470	\$56,870	5,680	5,660	-0.4%	124
41-2021	Counter & Rental Clerks	ST OJT	\$17,200	\$25,720	\$29,970	2,180	2,360	8.3%	74
41-3011	Advertising Sales Agents	MT OJT	\$27,080	\$61,640	\$78,920	770	760	-1.3%	24
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	\$48,000	\$99,680	\$125,530	2,020	2,090	3.5%	54
41-4011	Sales Representatives, Technical & Scientific Products	BD+	\$48,800	\$91,020	\$112,130	1,870	2,070	10.7%	56
41-4012	Sales Representatives	MT OJT	\$37,400	\$69,160	\$85,040	7,570	7,810	3.2%	172
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$38,650	\$58,340	\$68,190	7,580	7,960	5.0%	218

2016 High Priority Occupations for Three Rivers Workforce Development Area

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			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
43-3011	Bill & Account Collectors	MT OJT	\$25,390	\$35,950	\$41,230	2,390	2,500	4.6%	79
43-3021	Billing & Posting Clerks	MT OJT	\$26,010	\$35,420	\$40,120	3,840	4,190	9.1%	106
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	\$25,420	\$36,580	\$42,170	9,790	10,440	6.6%	155
43-4011	Brokerage Clerks	MT OJT	\$33,430	\$47,470	\$54,490	660	480	-27.3%	17
43-4051	Customer Service Representatives	ST OJT	\$24,510	\$35,340	\$40,760	16,480	17,350	5.3%	535
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	\$17,420	\$23,300	\$26,240	680	710	4.4%	35
43-5011	Cargo & Freight Agents	ST OJT	\$29,240	\$46,020	\$54,400	520	560	7.7%	18
43-5032	Dispatchers	MT OJT	\$30,880	\$43,330	\$49,550	780	840	7.7%	28
43-5061	Production, Planning & Expediting Clerks	MT OJT	\$30,660	\$48,950	\$58,100	1,360	1,420	4.4%	40
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	\$24,120	\$32,830	\$37,190	2,390	2,400	0.4%	64
43-6012	Legal Secretaries	MT OJT	\$32,900	\$45,830	\$52,290	1,510	1,510	0.0%	18
43-6013	Medical Secretaries	MT OJT	\$26,910	\$33,060	\$36,140	2,910	3,640	25.1%	108
43-6014	Secretaries	ST OJT	\$24,380	\$35,140	\$40,520	14,160	15,140	6.9%	268
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	\$26,940	\$36,150	\$40,760	1,880	1,910	1.6%	54
43-9061	Office Clerks, General	ST OJT	\$21,700	\$31,900	\$37,010	17,130	17,090	-0.2%	360
45-1011	Farm & Forestry Worker Supervisors	WK EXP	N/A	N/A	N/A	30	30	0.0%	1
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	\$50,300	\$75,440	\$88,010	2,140	2,410	12.6%	51
47-2021	Brickmasons & Blockmasons	LT OJT	\$37,460	\$50,270	\$56,670	380	480	26.3%	14
47-2031	Carpenters	LT OJT	\$29,910	\$50,550	\$60,870	6,060	6,910	14.0%	159
47-2051	Cement Masons & Concrete Finishers	MT OJT	\$36,850	\$51,170	\$58,340	690	810	17.4%	20
47-2061	Construction Laborers	ST OJT	\$25,480	\$39,640	\$46,720	4,580	5,400	17.9%	180
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	\$40,360	\$52,310	\$58,280	1,640	1,890	15.2%	61
47-2111	Electricians	LT OJT	\$36,450	\$54,060	\$62,860	3,150	3,390	7.6%	84
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$44,870	\$64,570	\$74,420	2,950	3,210	8.8%	63
47-2211	Sheet Metal Workers	LT OJT	\$40,810	\$61,570	\$71,950	400	430	7.5%	11
47-2221	Structural Iron & Steel Workers	LT OJT	\$59,610	\$68,130	\$72,390	240	260	8.3%	10
47-4011	Construction & Building Inspectors	WK EXP	\$40,150	\$54,420	\$61,550	1,100	1,200	9.1%	36
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	\$34,480	\$59,920	\$72,640	30	30	0.0%	1
47-5071	Roustabouts, Oil & Gas	MT OJT	N/A	N/A	N/A	100	110	10.0%	4
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$47,440	\$68,760	\$79,420	1,650	1,710	3.6%	50
49-2098	Security & Fire Alarm Systems Installers	MT OJT	\$33,490	\$43,820	\$48,980	450	500	11.1%	14
49-3021	Automotive Body & Related Repairers	LT OJT	\$31,030	\$44,260	\$50,870	1,020	1,110	8.8%	29
49-3023	Automotive Service Technicians & Mechanics	PS	\$23,380	\$38,870	\$46,610	4,150	4,450	7.2%	135
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	\$34,890	\$47,110	\$53,220	1,020	1,080	5.9%	28
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	N/A	N/A	N/A	10	10	0.0%	0
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$30,800	\$45,170	\$52,350	1,070	1,160	8.4%	37

2016 High Priority Occupations for Three Rivers Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
49-9041	Industrial Machinery Mechanics	LT OJT	\$38,340	\$51,310	\$57,790	950	1,150	21.1%	48
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	\$52,350	\$65,760	\$72,470	340	400	17.6%	18
49-9052	Telecommunications Line Installers & Repairers	LT OJT	\$57,030	\$67,570	\$72,840	750	690	-8.0%	18
49-9071	Maintenance & Repair Workers, General	LT OJT	\$25,880	\$39,380	\$46,130	8,590	9,020	5.0%	208
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$41,690	\$62,230	\$72,500	1,960	1,980	1.0%	30
51-3021	Butchers & Meat Cutters	LT OJT	\$25,900	\$34,910	\$39,410	490	500	2.0%	13
51-3092	Food Batchmakers	MT OJT	\$20,940	\$28,370	\$32,090	240	220	-8.3%	8
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	\$31,030	\$41,780	\$47,160	450	520	15.6%	20
51-4012	CNC Machine Tool Programmers, Metal & Plastic	LT OJT	\$37,460	\$53,120	\$60,960	110	140	27.3%	6
51-4033	Grinding, Lapping, Polishing & Buffing Machine Operators, Metal & Plastic	MT OJT	\$29,100	\$37,400	\$41,560	290	270	-6.9%	6
51-4041	Machinists	LT OJT	\$25,560	\$38,470	\$44,930	1,380	1,520	10.1%	46
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	\$27,310	\$32,080	\$34,460	280	250	-10.7%	5
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$32,510	\$43,680	\$49,260	1,160	1,230	6.0%	35
51-5112	Printing Press Operators	MT OJT	\$21,740	\$35,260	\$42,020	690	630	-8.7%	12
51-5113	Print Binding & Finishing Workers	ST OJT	\$18,040	\$30,870	\$37,280	110	100	-9.1%	2
51-9011	Chemical Equipment Operators & Tenders	MT OJT	\$35,570	\$56,720	\$67,290	340	330	-2.9%	12
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$28,220	\$42,040	\$48,940	1,560	1,670	7.1%	44
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	\$25,720	\$38,960	\$45,570	970	1,020	5.2%	28
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	\$37,260	\$56,860	\$66,660	750	790	5.3%	25
53-3031	Driver/Sales Workers	ST OJT	\$16,980	\$26,910	\$31,870	1,560	1,630	4.5%	32
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	\$30,860	\$43,520	\$49,850	5,230	5,920	13.2%	152
53-3033	Light Truck or Delivery Services Drivers	ST OJT	\$19,530	\$33,310	\$40,200	4,390	4,470	1.8%	78
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$28,910	\$39,060	\$44,140	1,540	1,490	-3.2%	35

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.

2016 High Priority Occupations for Tri-County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
11-2022	Sales Managers	BD+	\$68,200	\$128,550	\$158,720	260	270	3.8%	7
11-9013	Farmers, Ranchers & Other Agricultural Managers	WK EXP	N/A	N/A	N/A	1,400	1,280	-8.6%	23
11-9151	Social & Community Service Managers	BD+	\$41,220	\$64,240	\$75,750	130	140	7.7%	4
13-1023	Purchasing Agents	BD+	\$40,320	\$55,880	\$63,660	450	470	4.4%	10
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	\$28,520	\$57,830	\$72,490	160	150	-6.3%	4
13-1051	Cost Estimators	BD	\$38,590	\$59,790	\$70,400	360	410	13.9%	18
13-1081	Logisticians	BD	\$42,540	\$60,990	\$70,220	130	150	15.4%	5
13-1151	Training & Development Specialists	BD+	\$29,740	\$52,470	\$63,840	230	260	13.0%	7
13-1161	Market Research Analysts & Marketing Specialists	BD	\$37,630	\$61,620	\$73,620	390	480	23.1%	14
13-2011	Accountants & Auditors	BD	\$41,530	\$68,940	\$82,640	1,380	1,500	8.7%	53
13-2051	Financial Analysts	BD	\$45,020	\$69,560	\$81,820	210	220	4.8%	6
15-1121	Computer Systems Analysts	BD	\$51,640	\$71,500	\$81,430	220	250	13.6%	7
15-1131	Computer Programmers	BD	\$44,780	\$68,680	\$80,640	170	170	0.0%	4
15-1132	Software Developers, Applications	BD	\$53,770	\$83,980	\$99,090	330	370	12.1%	8
15-1133	Software Developers, Systems Software	BD	\$65,400	\$92,000	\$105,300	270	330	22.2%	9
15-1142	Network & Computer Systems Administrators	BD	\$46,920	\$70,370	\$82,100	300	310	3.3%	7
15-1151	Computer User Support Specialists	PS	\$30,250	\$43,720	\$50,460	590	680	15.3%	18
15-1152	Computer Network Support Specialists	AD	\$43,900	\$63,720	\$73,640	90	100	11.1%	2
17-2051	Civil Engineers	BD	\$57,460	\$84,040	\$97,330	220	240	9.1%	7
17-2072	Electronics Engineers	BD	\$63,480	\$81,720	\$90,840	90	90	0.0%	2
17-2112	Industrial Engineers	BD	\$45,830	\$75,390	\$90,180	320	360	12.5%	14
17-2141	Mechanical Engineers	BD	\$49,470	\$80,270	\$95,670	410	440	7.3%	17
19-4021	Biological Technicians	BD	N/A	N/A	N/A	20	20	0.0%	1
21-1011	Substance Abuse & Behavioral Disorder Counselors	BD	\$28,820	\$41,540	\$47,900	90	100	11.1%	3
21-1012	Educational, Guidance, School & Vocational Counselors	MD	\$53,990	\$72,460	\$81,700	290	290	0.0%	7
21-1015	Rehabilitation Counselors	MD	\$18,110	\$34,130	\$42,140	180	210	16.7%	8
21-1021	Child, Family & School Social Workers	BD	\$23,450	\$33,600	\$38,670	250	270	8.0%	7
21-1022	Healthcare Social Workers	MD	\$37,390	\$51,830	\$59,040	290	380	31.0%	14
21-1023	Mental Health & Substance Abuse Social Workers	BD	\$22,700	\$30,630	\$34,600	340	400	17.6%	13
21-1091	Health Educators	BD	\$34,650	\$47,810	\$54,390	60	80	33.3%	4
21-1093	Social & Human Service Assistants	ST OJT	\$20,650	\$30,220	\$35,000	250	280	12.0%	10
23-2011	Paralegals & Legal Assistants	AD	\$52,380	\$62,340	\$67,320	90	120	33.3%	5
25-2032	Career/Technical Education Teachers, Secondary School	BD+	\$40,440	\$59,020	\$68,310	20	20	0.0%	0
25-3021	Self-Enrichment Education Teachers	WK EXP	\$17,030	\$23,350	\$26,510	190	200	5.3%	4
27-2022	Coaches & Scouts	BD	\$22,070	\$40,340	\$49,480	100	120	20.0%	5
29-1051	Pharmacists	PROF	\$86,650	\$112,190	\$124,970	290	310	6.9%	9

2016 High Priority Occupations for Tri-County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
29-1071	Physician Assistants	MD	\$80,990	\$87,050	\$90,080	100	110	10.0%	3
29-1126	Respiratory Therapists	AD	\$51,950	\$55,880	\$57,850	80	90	12.5%	2
29-1141	Registered Nurses	BD	\$51,700	\$63,460	\$69,340	2,250	2,840	26.2%	103
29-1171	Nurse Practitioners	MD	\$76,130	\$87,370	\$92,980	50	60	20.0%	2
29-2011	Medical & Clinical Laboratory Technologists	BD	\$46,610	\$60,920	\$68,070	110	120	9.1%	4
29-2012	Medical & Clinical Laboratory Technicians	AD	\$32,360	\$41,750	\$46,450	60	80	33.3%	4
29-2021	Dental Hygienists	AD	\$36,950	\$48,610	\$54,440	270	330	22.2%	13
29-2031	Cardiovascular Technologists & Technicians	AD	\$29,600	\$40,060	\$45,300	50	70	40.0%	3
29-2032	Diagnostic Medical Sonographers	AD	\$54,270	\$57,560	\$59,200	30	50	66.7%	2
29-2034	Radiologic Technologists	AD	\$39,300	\$50,130	\$55,540	270	330	22.2%	10
29-2041	Emergency Medical Technicians & Paramedics	PS	\$27,300	\$33,550	\$36,670	310	400	29.0%	17
29-2052	Pharmacy Technicians	MT OJT	\$19,800	\$26,630	\$30,040	360	380	5.6%	6
29-2055	Surgical Technologists	PS	\$34,940	\$41,900	\$45,380	80	100	25.0%	3
29-2056	Veterinary Technologists & Technicians	AD	\$22,250	\$26,930	\$29,270	40	40	0.0%	1
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$33,160	\$40,550	\$44,240	690	940	36.2%	41
29-2071	Medical Records & Health Information Technicians	PS	\$29,680	\$40,490	\$45,900	100	120	20.0%	5
29-2081	Opticians, Dispensing	LT OJT	\$19,320	\$29,170	\$34,100	20	30	50.0%	1
31-1014	Nursing Assistants	PS	\$22,510	\$27,050	\$29,320	1,260	1,480	17.5%	45
31-2011	Occupational Therapy Assistants	AD	\$30,010	\$40,900	\$46,350	30	40	33.3%	2
31-2021	Physical Therapist Assistants	AD	\$35,030	\$38,780	\$40,660	170	220	29.4%	9
31-9091	Dental Assistants	PS	\$18,490	\$31,440	\$37,920	230	260	13.0%	8
31-9092	Medical Assistants	PS	\$21,500	\$27,890	\$31,090	450	560	24.4%	19
31-9097	Phlebotomists	PS	N/A	N/A	N/A	70	90	28.6%	3
35-1011	Chefs & Head Cooks	WK EXP	\$30,160	\$41,800	\$47,630	20	20	0.0%	0
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$22,850	\$34,190	\$39,860	860	990	15.1%	37
39-3011	Gaming Dealers	ST OJT	N/A	N/A	N/A	0	0	0.0%	0
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	\$19,260	\$30,240	\$35,720	140	140	0.0%	2
41-1011	Supervisors - Retail Sales Workers	WK EXP	\$25,340	\$40,160	\$47,570	1,470	1,450	-1.4%	32
41-2021	Counter & Rental Clerks	ST OJT	\$17,060	\$25,180	\$29,240	470	520	10.6%	17
41-3011	Advertising Sales Agents	MT OJT	\$25,260	\$35,040	\$39,930	60	70	16.7%	3
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	\$47,340	\$113,040	\$145,890	170	170	0.0%	4
41-4011	Sales Representatives, Technical & Scientific Products	BD+	\$34,230	\$60,520	\$73,660	190	190	0.0%	4
41-4012	Sales Representatives	MT OJT	\$33,860	\$57,970	\$70,030	1,730	1,820	5.2%	43
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$34,500	\$52,340	\$61,250	1,320	1,400	6.1%	39
43-3011	Bill & Account Collectors	MT OJT	\$24,610	\$34,250	\$39,070	190	220	15.8%	8
43-3021	Billing & Posting Clerks	MT OJT	\$23,630	\$32,780	\$37,350	580	670	15.5%	20

2016 High Priority Occupations for Tri-County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	\$24,490	\$35,080	\$40,370	2,100	2,230	6.2%	32
43-4011	Brokerage Clerks	MT OJT	N/A	N/A	N/A	0	0	0.0%	0
43-4051	Customer Service Representatives	ST OJT	\$22,500	\$33,210	\$38,560	2,540	2,740	7.9%	90
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	\$20,400	\$22,360	\$23,350	280	300	7.1%	15
43-5011	Cargo & Freight Agents	ST OJT	\$34,980	\$38,570	\$40,360	40	50	25.0%	2
43-5032	Dispatchers	MT OJT	\$27,700	\$39,690	\$45,690	160	170	6.3%	5
43-5061	Production, Planning & Expediting Clerks	MT OJT	\$31,490	\$45,930	\$53,150	370	400	8.1%	12
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	\$24,880	\$33,320	\$37,540	720	720	0.0%	19
43-6012	Legal Secretaries	MT OJT	\$38,900	\$42,930	\$44,940	140	160	14.3%	4
43-6013	Medical Secretaries	MT OJT	\$22,830	\$31,090	\$35,220	490	640	30.6%	22
43-6014	Secretaries	ST OJT	\$21,700	\$32,260	\$37,530	2,460	2,720	10.6%	56
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	\$24,670	\$33,530	\$37,960	240	260	8.3%	8
43-9061	Office Clerks, General	ST OJT	\$20,440	\$29,870	\$34,580	3,360	3,470	3.3%	81
45-1011	Farm & Forestry Worker Supervisors	WK EXP	N/A	N/A	N/A	100	100	0.0%	2
45-2092	Farmworkers & Laborers, Crop, Nursery & Greenhouse	ST OJT	N/A	N/A	N/A	1,770	1,700	-4.0%	54
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	\$45,900	\$65,300	\$75,000	820	940	14.6%	21
47-2021	Brickmasons & Blockmasons	LT OJT	\$51,010	\$56,100	\$58,640	400	460	15.0%	10
47-2031	Carpenters	LT OJT	\$29,430	\$42,750	\$49,400	1,220	1,450	18.9%	38
47-2051	Cement Masons & Concrete Finishers	MT OJT	\$28,000	\$36,540	\$40,810	210	230	9.5%	4
47-2061	Construction Laborers	ST OJT	\$22,180	\$36,630	\$43,850	1,210	1,400	15.7%	45
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	\$32,660	\$44,240	\$50,040	1,320	1,360	3.0%	33
47-2111	Electricians	LT OJT	\$39,340	\$56,050	\$64,410	420	470	11.9%	13
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$30,530	\$44,420	\$51,360	670	760	13.4%	17
47-2211	Sheet Metal Workers	LT OJT	N/A	N/A	N/A	100	100	0.0%	3
47-2221	Structural Iron & Steel Workers	LT OJT	N/A	N/A	N/A	20	20	0.0%	1
47-4011	Construction & Building Inspectors	WK EXP	\$37,500	\$49,010	\$54,760	130	130	0.0%	3
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	N/A	N/A	N/A	500	550	10.0%	25
47-5071	Roustabouts, Oil & Gas	MT OJT	\$29,500	\$44,860	\$52,540	230	250	8.7%	8
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$42,230	\$60,520	\$69,660	490	510	4.1%	15
49-2098	Security & Fire Alarm Systems Installers	MT OJT	\$29,500	\$40,030	\$45,300	110	140	27.3%	5
49-3021	Automotive Body & Related Repairers	LT OJT	\$27,900	\$36,990	\$41,530	140	140	0.0%	3
49-3023	Automotive Service Technicians & Mechanics	PS	\$21,600	\$34,360	\$40,730	1,350	1,400	3.7%	40
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	\$27,780	\$39,000	\$44,620	360	390	8.3%	11
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	N/A	N/A	N/A	60	70	16.7%	2
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$28,960	\$41,200	\$47,320	310	340	9.7%	11
49-9041	Industrial Machinery Mechanics	LT OJT	\$31,310	\$44,810	\$51,560	520	650	25.0%	28

2016 High Priority Occupations for Tri-County Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	\$52,890	\$66,780	\$73,730	290	280	-3.4%	10
49-9052	Telecommunications Line Installers & Repairers	LT OJT	\$41,740	\$59,550	\$68,460	260	260	0.0%	6
49-9071	Maintenance & Repair Workers, General	LT OJT	\$21,280	\$36,610	\$44,270	2,030	2,070	2.0%	43
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$35,910	\$57,820	\$68,780	1,070	1,070	0.0%	16
51-3021	Butchers & Meat Cutters	LT OJT	\$22,570	\$33,370	\$38,770	260	260	0.0%	6
51-3092	Food Batchmakers	MT OJT	N/A	N/A	N/A	40	30	-25.0%	1
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	\$29,700	\$37,240	\$41,010	200	230	15.0%	9
51-4012	CNC Machine Tool Programmers, Metal & Plastic	LT OJT	\$43,790	\$51,680	\$55,630	30	40	33.3%	2
51-4033	Grinding, Lapping, Polishing & Buffing Machine Operators, Metal & Plastic	MT OJT	\$28,020	\$37,140	\$41,700	220	210	-4.5%	5
51-4041	Machinists	LT OJT	\$30,040	\$40,290	\$45,410	600	660	10.0%	20
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	\$27,590	\$40,220	\$46,530	150	150	0.0%	3
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$31,870	\$45,850	\$52,840	470	520	10.6%	17
51-5112	Printing Press Operators	MT OJT	\$19,410	\$28,150	\$32,520	250	240	-4.0%	4
51-5113	Print Binding & Finishing Workers	ST OJT	\$24,890	\$35,260	\$40,440	100	100	0.0%	2
51-9011	Chemical Equipment Operators & Tenders	MT OJT	\$25,310	\$31,410	\$34,460	80	80	0.0%	3
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$27,920	\$38,820	\$44,270	600	640	6.7%	18
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	\$20,300	\$33,500	\$40,100	220	220	0.0%	6
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	\$40,920	\$59,850	\$69,320	310	330	6.5%	10
53-3031	Driver/Sales Workers	ST OJT	\$17,600	\$30,590	\$37,080	590	620	5.1%	13
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	\$29,130	\$39,150	\$44,160	2,550	2,910	14.1%	77
53-3033	Light Truck or Delivery Services Drivers	ST OJT	\$17,380	\$29,980	\$36,280	1,430	1,520	6.3%	32
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$34,870	\$41,900	\$45,420	300	300	0.0%	7

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.

2016 High Priority Occupations for West Central Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
11-2022	Sales Managers	BD+	\$78,860	\$143,760	\$176,200	120	120	0.0%	3
11-9151	Social & Community Service Managers	BD+	\$36,340	\$54,420	\$63,460	70	90	28.6%	3
13-1023	Purchasing Agents	BD+	\$39,700	\$56,460	\$64,840	140	130	-7.1%	2
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	\$46,150	\$68,870	\$80,230	50	60	20.0%	1
13-1051	Cost Estimators	BD	\$40,240	\$66,760	\$80,030	100	110	10.0%	4
13-1081	Logisticians	BD	\$50,040	\$69,300	\$78,920	20	20	0.0%	0
13-1151	Training & Development Specialists	BD+	\$18,200	\$48,540	\$63,710	70	70	0.0%	1
13-1161	Market Research Analysts & Marketing Specialists	BD	\$34,790	\$50,530	\$58,390	190	240	26.3%	8
13-2011	Accountants & Auditors	BD	\$41,210	\$61,600	\$71,800	630	680	7.9%	24
13-2051	Financial Analysts	BD	\$60,410	\$88,840	\$103,050	40	50	25.0%	2
15-1121	Computer Systems Analysts	BD	\$50,230	\$88,270	\$107,290	50	50	0.0%	2
15-1131	Computer Programmers	BD	\$42,700	\$65,110	\$76,320	60	60	0.0%	2
15-1132	Software Developers, Applications	BD	\$53,040	\$82,580	\$97,350	50	50	0.0%	2
15-1133	Software Developers, Systems Software	BD	\$54,750	\$83,050	\$97,200	50	50	0.0%	1
15-1142	Network & Computer Systems Administrators	BD	\$40,290	\$61,870	\$72,660	160	160	0.0%	2
15-1151	Computer User Support Specialists	PS	\$29,600	\$43,570	\$50,560	180	200	11.1%	5
15-1152	Computer Network Support Specialists	AD	\$39,060	\$54,260	\$61,870	60	70	16.7%	2
17-2051	Civil Engineers	BD	\$53,720	\$83,710	\$98,700	50	60	20.0%	2
17-2072	Electronics Engineers	BD	N/A	N/A	N/A	20	20	0.0%	0
17-2112	Industrial Engineers	BD	\$54,310	\$81,720	\$95,420	130	140	7.7%	4
17-2141	Mechanical Engineers	BD	\$47,470	\$71,890	\$84,100	160	180	12.5%	8
19-4021	Biological Technicians	BD	N/A	N/A	N/A	0	0	0.0%	0
21-1011	Substance Abuse & Behavioral Disorder Counselors	BD	\$37,730	\$46,450	\$50,810	280	350	25.0%	13
21-1012	Educational, Guidance, School & Vocational Counselors	MD	\$36,870	\$56,620	\$66,490	150	160	6.7%	4
21-1015	Rehabilitation Counselors	MD	\$20,800	\$44,500	\$56,350	90	110	22.2%	4
21-1021	Child, Family & School Social Workers	BD	\$26,410	\$32,530	\$35,590	370	410	10.8%	12
21-1022	Healthcare Social Workers	MD	\$30,090	\$42,180	\$48,220	190	270	42.1%	11
21-1023	Mental Health & Substance Abuse Social Workers	BD	\$27,270	\$30,870	\$32,670	220	280	27.3%	11
21-1091	Health Educators	BD	\$30,690	\$43,370	\$49,710	40	50	25.0%	2
21-1093	Social & Human Service Assistants	ST OJT	\$21,010	\$25,920	\$28,370	360	420	16.7%	15
23-2011	Paralegals & Legal Assistants	AD	\$32,990	\$41,250	\$45,380	50	70	40.0%	2
25-2032	Career/Technical Education Teachers, Secondary School	BD+	\$44,500	\$56,280	\$62,180	250	250	0.0%	7
25-3021	Self-Enrichment Education Teachers	WK EXP	\$16,980	\$23,540	\$26,820	90	90	0.0%	3
27-2022	Coaches & Scouts	BD	\$17,000	\$27,490	\$32,730	340	350	2.9%	11
29-1051	Pharmacists	PROF	\$77,610	\$106,040	\$120,260	210	220	4.8%	6
29-1071	Physician Assistants	MD	\$69,700	\$83,870	\$90,960	100	110	10.0%	3

2016 High Priority Occupations for West Central Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
29-1126	Respiratory Therapists	AD	\$42,410	\$52,390	\$57,380	60	70	16.7%	2
29-1141	Registered Nurses	BD	\$45,630	\$57,180	\$62,960	1,750	2,020	15.4%	61
29-1171	Nurse Practitioners	MD	\$60,340	\$81,160	\$91,570	50	60	20.0%	2
29-2011	Medical & Clinical Laboratory Technologists	BD	\$42,870	\$54,980	\$61,030	100	100	0.0%	2
29-2012	Medical & Clinical Laboratory Technicians	AD	\$24,060	\$35,100	\$40,620	150	160	6.7%	5
29-2021	Dental Hygienists	AD	\$51,460	\$55,970	\$58,220	90	100	11.1%	4
29-2031	Cardiovascular Technologists & Technicians	AD	\$35,680	\$51,520	\$59,440	30	40	33.3%	1
29-2032	Diagnostic Medical Sonographers	AD	\$46,080	\$55,390	\$60,050	50	70	40.0%	3
29-2034	Radiologic Technologists	AD	\$34,840	\$44,580	\$49,450	170	190	11.8%	4
29-2041	Emergency Medical Technicians & Paramedics	PS	\$20,170	\$29,980	\$34,890	300	370	23.3%	15
29-2052	Pharmacy Technicians	MT OJT	\$22,750	\$28,580	\$31,500	110	120	9.1%	2
29-2055	Surgical Technologists	PS	\$26,530	\$34,430	\$38,390	50	70	40.0%	2
29-2056	Veterinary Technologists & Technicians	AD	\$20,450	\$27,610	\$31,190	50	60	20.0%	1
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$28,390	\$34,440	\$37,470	710	910	28.2%	37
29-2071	Medical Records & Health Information Technicians	PS	\$25,350	\$35,650	\$40,800	140	160	14.3%	6
29-2081	Opticians, Dispensing	LT OJT	\$26,760	\$38,290	\$44,060	20	30	50.0%	2
31-1014	Nursing Assistants	PS	\$21,130	\$23,860	\$25,230	1,090	1,220	11.9%	34
31-2011	Occupational Therapy Assistants	AD	\$35,860	\$48,170	\$54,330	40	50	25.0%	2
31-2021	Physical Therapist Assistants	AD	\$33,030	\$44,130	\$49,680	80	100	25.0%	4
31-9091	Dental Assistants	PS	\$25,800	\$32,210	\$35,420	190	220	15.8%	6
31-9097	Phlebotomists	PS	\$23,510	\$30,110	\$33,400	130	140	7.7%	3
35-1011	Chefs & Head Cooks	WK EXP	N/A	N/A	N/A	60	60	0.0%	1
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$19,520	\$29,450	\$34,410	640	690	7.8%	23
39-3011	Gaming Dealers	ST OJT	N/A	N/A	N/A	0	0	0.0%	0
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	\$18,020	\$31,450	\$38,170	180	220	22.2%	6
41-1011	Supervisors - Retail Sales Workers	WK EXP	\$29,970	\$40,330	\$45,500	950	940	-1.1%	21
41-2021	Counter & Rental Clerks	ST OJT	\$17,970	\$25,450	\$29,190	170	190	11.8%	7
41-3011	Advertising Sales Agents	MT OJT	\$21,770	\$41,670	\$51,630	50	40	-20.0%	1
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	\$32,670	\$89,640	\$118,120	240	250	4.2%	6
41-4011	Sales Representatives, Technical & Scientific Products	BD+	\$67,280	\$92,400	\$104,960	70	70	0.0%	1
41-4012	Sales Representatives	MT OJT	\$33,120	\$71,440	\$90,600	960	1,020	6.3%	25
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$31,790	\$48,900	\$57,450	730	790	8.2%	23
43-3011	Bill & Account Collectors	MT OJT	\$24,950	\$37,830	\$44,270	140	150	7.1%	5
43-3021	Billing & Posting Clerks	MT OJT	\$20,910	\$28,820	\$32,770	320	360	12.5%	10
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	\$21,630	\$32,130	\$37,380	1,200	1,290	7.5%	19
43-4011	Brokerage Clerks	MT OJT	\$34,350	\$47,940	\$54,740	30	20	-33.3%	1

2016 High Priority Occupations for West Central Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
43-4051	Customer Service Representatives	ST OJT	\$19,280	\$30,390	\$35,950	1,300	1,410	8.5%	46
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	\$17,180	\$18,480	\$19,120	130	140	7.7%	7
43-5011	Cargo & Freight Agents	ST OJT	N/A	N/A	N/A	10	10	0.0%	0
43-5032	Dispatchers	MT OJT	\$25,350	\$34,130	\$38,520	90	100	11.1%	4
43-5061	Production, Planning & Expediting Clerks	MT OJT	\$28,380	\$43,240	\$50,660	170	170	0.0%	4
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	\$23,850	\$33,910	\$38,940	390	400	2.6%	10
43-6012	Legal Secretaries	MT OJT	\$22,220	\$24,120	\$25,070	70	70	0.0%	1
43-6013	Medical Secretaries	MT OJT	\$21,090	\$28,880	\$32,770	440	540	22.7%	15
43-6014	Secretaries	ST OJT	\$19,540	\$29,260	\$34,110	1,620	1,700	4.9%	28
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	N/A	N/A	N/A	170	180	5.9%	6
43-9061	Office Clerks, General	ST OJT	\$19,200	\$27,560	\$31,730	1,820	1,830	0.5%	39
45-1011	Farm & Forestry Worker Supervisors	WK EXP	N/A	N/A	N/A	60	50	-16.7%	1
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	\$46,850	\$62,580	\$70,440	210	230	9.5%	4
47-2021	Brickmasons & Blockmasons	LT OJT	\$34,040	\$48,300	\$55,440	60	80	33.3%	3
47-2031	Carpenters	LT OJT	\$26,170	\$39,420	\$46,040	640	690	7.8%	13
47-2051	Cement Masons & Concrete Finishers	MT OJT	\$38,990	\$50,000	\$55,510	160	180	12.5%	4
47-2061	Construction Laborers	ST OJT	\$22,620	\$36,340	\$43,200	640	720	12.5%	22
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	\$31,830	\$42,280	\$47,500	430	480	11.6%	15
47-2111	Electricians	LT OJT	\$41,040	\$60,450	\$70,150	440	470	6.8%	11
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$21,720	\$42,470	\$52,840	140	150	7.1%	4
47-2211	Sheet Metal Workers	LT OJT	\$51,450	\$55,260	\$57,160	70	80	14.3%	1
47-2221	Structural Iron & Steel Workers	LT OJT	\$51,980	\$54,890	\$56,340	20	20	0.0%	1
47-4011	Construction & Building Inspectors	WK EXP	\$34,970	\$57,530	\$68,810	10	10	0.0%	0
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	N/A	N/A	N/A	30	40	33.3%	2
47-5071	Roustabouts, Oil & Gas	MT OJT	N/A	N/A	N/A	40	50	25.0%	2
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$42,850	\$68,520	\$81,360	180	180	0.0%	6
49-2098	Security & Fire Alarm Systems Installers	MT OJT	\$24,200	\$35,780	\$41,570	20	20	0.0%	0
49-3021	Automotive Body & Related Repairers	LT OJT	\$28,630	\$38,440	\$43,340	110	110	0.0%	2
49-3023	Automotive Service Technicians & Mechanics	PS	\$26,520	\$34,890	\$39,080	540	570	5.6%	17
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	\$31,340	\$41,020	\$45,860	230	250	8.7%	7
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	N/A	N/A	N/A	40	40	0.0%	1
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$31,910	\$39,110	\$42,710	210	220	4.8%	6
49-9041	Industrial Machinery Mechanics	LT OJT	\$33,860	\$47,520	\$54,350	190	220	15.8%	9
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	\$62,520	\$70,360	\$74,280	60	70	16.7%	2
49-9052	Telecommunications Line Installers & Repairers	LT OJT	\$52,180	\$64,240	\$70,270	120	110	-8.3%	3
49-9071	Maintenance & Repair Workers, General	LT OJT	\$21,580	\$34,380	\$40,780	1,080	1,150	6.5%	27

2016 High Priority Occupations for West Central Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$38,710	\$56,880	\$65,960	520	540	3.8%	9
51-3021	Butchers & Meat Cutters	LT OJT	\$20,490	\$28,180	\$32,020	60	70	16.7%	2
51-3092	Food Batchmakers	MT OJT	\$17,410	\$24,800	\$28,500	130	130	0.0%	4
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	\$28,470	\$40,540	\$46,580	270	280	3.7%	9
51-4012	CNC Machine Tool Programmers, Metal & Plastic	LT OJT	\$43,590	\$54,160	\$59,450	10	20	100.0%	1
51-4033	Grinding, Lapping, Polishing & Buffing Machine Operators, Metal & Plastic	MT OJT	\$28,760	\$36,750	\$40,740	80	80	0.0%	2
51-4041	Machinists	LT OJT	\$24,490	\$34,970	\$40,200	590	630	6.8%	18
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	\$28,600	\$41,420	\$47,830	140	130	-7.1%	3
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$25,100	\$33,080	\$37,070	660	680	3.0%	17
51-5112	Printing Press Operators	MT OJT	\$23,290	\$34,940	\$40,760	90	80	-11.1%	2
51-5113	Print Binding & Finishing Workers	ST OJT	N/A	N/A	N/A	20	20	0.0%	0
51-9011	Chemical Equipment Operators & Tenders	MT OJT	\$36,240	\$47,160	\$52,620	30	20	-33.3%	1
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$29,220	\$45,240	\$53,250	400	420	5.0%	11
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	\$19,900	\$32,450	\$38,730	300	310	3.3%	8
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	\$37,100	\$56,130	\$65,650	110	110	0.0%	3
53-3031	Driver/Sales Workers	ST OJT	\$17,280	\$22,740	\$25,460	250	250	0.0%	4
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	\$27,330	\$43,180	\$51,110	1,550	1,760	13.5%	45
53-3033	Light Truck or Delivery Services Drivers	ST OJT	\$17,480	\$25,970	\$30,210	530	550	3.8%	10
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$27,370	\$35,750	\$39,940	510	500	-2.0%	12

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.

2016 High Priority Occupations for Westmoreland-Fayette Counties Workforce Development Area

SOC Code	SOC Title	Educational Attainment	Wages (2015)			Employment			
			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
11-2022	Sales Managers	BD+	\$60,190	\$123,320	\$154,880	240	260	8.3%	7
11-9151	Social & Community Service Managers	BD+	\$39,030	\$57,020	\$66,020	170	190	11.8%	5
13-1023	Purchasing Agents	BD+	\$40,100	\$58,160	\$67,200	370	390	5.4%	9
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	\$44,650	\$61,240	\$69,540	310	340	9.7%	10
13-1051	Cost Estimators	BD	\$36,720	\$57,690	\$68,170	370	430	16.2%	18
13-1081	Logisticians	BD	\$53,640	\$73,980	\$84,140	70	90	28.6%	3
13-1151	Training & Development Specialists	BD+	\$33,400	\$54,620	\$65,230	210	240	14.3%	7
13-1161	Market Research Analysts & Marketing Specialists	BD	\$38,680	\$66,140	\$79,870	370	500	35.1%	18
13-2011	Accountants & Auditors	BD	\$40,670	\$62,720	\$73,750	1,360	1,500	10.3%	54
13-2051	Financial Analysts	BD	\$53,430	\$84,190	\$99,580	120	140	16.7%	5
15-1121	Computer Systems Analysts	BD	\$43,560	\$75,800	\$91,910	160	200	25.0%	7
15-1131	Computer Programmers	BD	\$35,550	\$48,490	\$54,960	290	310	6.9%	10
15-1132	Software Developers, Applications	BD	\$44,960	\$70,320	\$83,010	140	150	7.1%	3
15-1133	Software Developers, Systems Software	BD	\$64,520	\$84,800	\$94,940	160	200	25.0%	6
15-1142	Network & Computer Systems Administrators	BD	\$48,040	\$68,080	\$78,100	350	390	11.4%	10
15-1151	Computer User Support Specialists	PS	\$30,690	\$43,950	\$50,570	430	480	11.6%	13
15-1152	Computer Network Support Specialists	AD	\$40,140	\$61,320	\$71,910	50	50	0.0%	1
17-2051	Civil Engineers	BD	\$55,600	\$77,930	\$89,100	400	490	22.5%	18
17-2072	Electronics Engineers	BD	\$60,930	\$85,430	\$97,690	80	80	0.0%	2
17-2112	Industrial Engineers	BD	\$57,230	\$80,720	\$92,460	400	460	15.0%	18
17-2141	Mechanical Engineers	BD	\$60,620	\$90,880	\$106,010	300	330	10.0%	13
17-3011	Architectural & Civil Drafters	AD	\$40,530	\$55,290	\$62,680	130	130	0.0%	2
17-3013	Mechanical Drafters	AD	\$35,070	\$46,890	\$52,800	230	230	0.0%	3
19-4021	Biological Technicians	BD	N/A	N/A	N/A	10	10	0.0%	0
21-1011	Substance Abuse & Behavioral Disorder Counselors	BD	\$27,380	\$36,190	\$40,600	310	380	22.6%	14
21-1012	Educational, Guidance, School & Vocational Counselors	MD	\$26,630	\$46,760	\$56,820	410	430	4.9%	11
21-1015	Rehabilitation Counselors	MD	\$17,900	\$29,640	\$35,520	100	110	10.0%	4
21-1021	Child, Family & School Social Workers	BD	\$27,960	\$36,490	\$40,750	390	420	7.7%	11
21-1022	Healthcare Social Workers	MD	\$34,940	\$48,200	\$54,830	500	700	40.0%	30
21-1023	Mental Health & Substance Abuse Social Workers	BD	\$26,720	\$34,180	\$37,910	110	120	9.1%	3
21-1091	Health Educators	BD	\$39,070	\$51,940	\$58,380	70	80	14.3%	3
21-1093	Social & Human Service Assistants	ST OJT	\$20,620	\$27,610	\$31,110	520	590	13.5%	21
23-2011	Paralegals & Legal Assistants	AD	\$26,770	\$46,950	\$57,040	30	30	0.0%	0
25-2032	Career/Technical Education Teachers, Secondary School	BD+	\$42,750	\$60,120	\$68,800	20	20	0.0%	0
25-3021	Self-Enrichment Education Teachers	WK EXP	\$16,820	\$29,620	\$36,020	290	310	6.9%	7
27-2022	Coaches & Scouts	BD	N/A	N/A	N/A	490	490	0.0%	15

2016 High Priority Occupations for Westmoreland-Fayette Counties Workforce Development Area

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			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
29-1051	Pharmacists	PROF	\$74,070	\$104,450	\$119,640	420	460	9.5%	14
29-1071	Physician Assistants	MD	\$70,280	\$85,900	\$93,710	180	200	11.1%	5
29-1126	Respiratory Therapists	AD	\$43,410	\$51,650	\$55,770	160	190	18.8%	5
29-1141	Registered Nurses	BD	\$49,840	\$59,740	\$64,680	3,450	4,110	19.1%	133
29-1171	Nurse Practitioners	MD	\$64,830	\$81,660	\$90,070	90	110	22.2%	4
29-2011	Medical & Clinical Laboratory Technologists	BD	\$42,620	\$49,770	\$53,350	210	210	0.0%	6
29-2012	Medical & Clinical Laboratory Technicians	AD	\$27,960	\$33,520	\$36,300	140	150	7.1%	5
29-2021	Dental Hygienists	AD	\$55,280	\$55,940	\$56,270	390	470	20.5%	18
29-2031	Cardiovascular Technologists & Technicians	AD	\$28,540	\$41,900	\$48,590	40	50	25.0%	2
29-2032	Diagnostic Medical Sonographers	AD	\$49,850	\$57,010	\$60,590	60	80	33.3%	3
29-2034	Radiologic Technologists	AD	\$32,120	\$44,510	\$50,700	300	340	13.3%	8
29-2041	Emergency Medical Technicians & Paramedics	PS	\$26,130	\$32,140	\$35,140	540	690	27.8%	30
29-2052	Pharmacy Technicians	MT OJT	\$18,990	\$25,240	\$28,370	510	570	11.8%	11
29-2055	Surgical Technologists	PS	\$32,920	\$35,440	\$36,690	50	70	40.0%	1
29-2056	Veterinary Technologists & Technicians	AD	N/A	N/A	N/A	180	230	27.8%	7
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	\$32,570	\$40,940	\$45,120	790	1,080	36.7%	47
29-2071	Medical Records & Health Information Technicians	PS	\$23,740	\$35,080	\$40,740	140	160	14.3%	6
29-2081	Opticians, Dispensing	LT OJT	\$25,740	\$38,550	\$44,950	280	380	35.7%	18
31-1014	Nursing Assistants	PS	\$22,230	\$27,540	\$30,200	1,810	2,130	17.7%	66
31-2011	Occupational Therapy Assistants	AD	\$42,010	\$50,610	\$54,910	110	150	36.4%	7
31-2021	Physical Therapist Assistants	AD	\$47,960	\$68,770	\$79,170	150	210	40.0%	9
31-9091	Dental Assistants	PS	\$33,770	\$34,940	\$35,520	480	540	12.5%	16
31-9092	Medical Assistants	PS	\$22,890	\$31,000	\$35,050	750	930	24.0%	32
31-9097	Phlebotomists	PS	\$26,790	\$29,240	\$30,470	230	260	13.0%	7
35-1011	Chefs & Head Cooks	WK EXP	\$32,100	\$44,210	\$50,260	320	330	3.1%	5
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	\$22,800	\$32,760	\$37,740	960	1,070	11.5%	38
39-3011	Gaming Dealers	ST OJT	N/A	N/A	N/A	10	10	0.0%	0
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	\$17,150	\$24,060	\$27,520	560	630	12.5%	13
41-1011	Supervisors - Retail Sales Workers	WK EXP	\$27,580	\$40,650	\$47,180	2,050	2,010	-2.0%	45
41-2021	Counter & Rental Clerks	ST OJT	\$16,940	\$23,610	\$26,940	710	800	12.7%	26
41-3011	Advertising Sales Agents	MT OJT	\$30,640	\$39,390	\$43,770	40	40	0.0%	1
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	N/A	N/A	N/A	350	350	0.0%	8
41-4011	Sales Representatives, Technical & Scientific Products	BD+	\$53,200	\$110,480	\$139,120	270	290	7.4%	7
41-4012	Sales Representatives	MT OJT	\$36,220	\$62,210	\$75,200	2,120	2,280	7.5%	57
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	\$32,640	\$51,840	\$61,450	1,780	1,920	7.9%	56
43-3011	Bill & Account Collectors	MT OJT	\$25,930	\$36,140	\$41,240	170	200	17.6%	8

2016 High Priority Occupations for Westmoreland-Fayette Counties Workforce Development Area

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			Entry Level	Annual Average	Exper. Level	Estimated 2012	Projected 2022	Percent Change	Annual Openings
43-3021	Billing & Posting Clerks	MT OJT	\$25,570	\$33,130	\$36,910	720	830	15.3%	24
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	\$22,320	\$34,110	\$40,010	2,290	2,480	8.3%	40
43-4011	Brokerage Clerks	MT OJT	N/A	N/A	N/A	20	20	0.0%	1
43-4051	Customer Service Representatives	ST OJT	\$20,560	\$30,330	\$35,220	3,500	3,840	9.7%	129
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	\$17,070	\$19,000	\$19,970	280	290	3.6%	13
43-5011	Cargo & Freight Agents	ST OJT	\$35,620	\$46,380	\$51,760	310	360	16.1%	14
43-5032	Dispatchers	MT OJT	\$27,990	\$39,630	\$45,450	340	390	14.7%	14
43-5061	Production, Planning & Expediting Clerks	MT OJT	\$28,110	\$43,250	\$50,820	370	380	2.7%	10
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	\$22,870	\$31,470	\$35,770	770	750	-2.6%	20
43-6012	Legal Secretaries	MT OJT	\$25,010	\$31,080	\$34,120	130	130	0.0%	2
43-6013	Medical Secretaries	MT OJT	\$23,580	\$31,190	\$34,990	740	990	33.8%	34
43-6014	Secretaries	ST OJT	\$19,140	\$29,740	\$35,040	3,010	3,280	9.0%	63
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	\$26,980	\$38,300	\$43,960	90	120	33.3%	5
43-9061	Office Clerks, General	ST OJT	\$20,090	\$28,890	\$33,290	4,120	4,230	2.7%	97
45-1011	Farm & Forestry Worker Supervisors	WK EXP	N/A	N/A	N/A	160	160	0.0%	3
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	\$40,380	\$63,870	\$75,620	880	990	12.5%	20
47-2021	Brickmasons & Blockmasons	LT OJT	\$40,170	\$49,030	\$53,460	100	120	20.0%	3
47-2031	Carpenters	LT OJT	\$26,580	\$42,100	\$49,850	2,000	2,280	14.0%	53
47-2051	Cement Masons & Concrete Finishers	MT OJT	\$46,720	\$55,000	\$59,140	150	170	13.3%	3
47-2061	Construction Laborers	ST OJT	\$22,570	\$37,620	\$45,140	2,370	2,760	16.5%	89
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	\$31,900	\$44,830	\$51,300	1,170	1,310	12.0%	39
47-2111	Electricians	LT OJT	\$37,020	\$59,870	\$71,300	630	720	14.3%	21
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$23,780	\$51,060	\$64,700	570	660	15.8%	15
47-2211	Sheet Metal Workers	LT OJT	\$43,660	\$62,740	\$72,280	200	220	10.0%	6
47-2221	Structural Iron & Steel Workers	LT OJT	N/A	N/A	N/A	0	0	0.0%	0
47-4011	Construction & Building Inspectors	WK EXP	\$39,370	\$47,920	\$52,200	180	200	11.1%	6
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	N/A	N/A	N/A	30	30	0.0%	1
47-5071	Roustabouts, Oil & Gas	MT OJT	N/A	N/A	N/A	100	100	0.0%	4
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	\$45,300	\$67,220	\$78,180	550	570	3.6%	17
49-2098	Security & Fire Alarm Systems Installers	MT OJT	\$32,530	\$39,670	\$43,240	50	50	0.0%	2
49-3021	Automotive Body & Related Repairers	LT OJT	\$28,750	\$35,870	\$39,430	300	300	0.0%	6
49-3023	Automotive Service Technicians & Mechanics	PS	\$21,780	\$31,820	\$36,840	1,480	1,480	0.0%	37
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	\$32,520	\$44,230	\$50,080	460	510	10.9%	15
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	\$17,310	\$27,620	\$32,770	30	30	0.0%	1
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	\$30,530	\$45,870	\$53,540	370	440	18.9%	16
49-9041	Industrial Machinery Mechanics	LT OJT	\$34,750	\$48,770	\$55,780	740	900	21.6%	37

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49-9051	Electrical Power-Line Installers & Repairers	LT OJT	\$52,700	\$62,410	\$67,270	100	120	20.0%	6
49-9052	Telecommunications Line Installers & Repairers	LT OJT	\$62,120	\$67,700	\$70,490	70	90	28.6%	4
49-9071	Maintenance & Repair Workers, General	LT OJT	\$23,560	\$37,220	\$44,050	1,930	2,080	7.8%	53
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$40,090	\$60,210	\$70,270	1,170	1,170	0.0%	16
51-3021	Butchers & Meat Cutters	LT OJT	\$20,300	\$30,270	\$35,250	210	200	-4.8%	5
51-3092	Food Batchmakers	MT OJT	\$16,960	\$28,240	\$33,870	120	110	-8.3%	4
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	\$27,210	\$37,530	\$42,690	380	430	13.2%	16
51-4012	CNC Machine Tool Programmers, Metal & Plastic	LT OJT	\$29,500	\$51,480	\$62,470	30	30	0.0%	2
51-4033	Grinding, Lapping, Polishing & Buffing Machine Operators, Metal & Plastic	MT OJT	\$29,520	\$37,820	\$41,970	340	310	-8.8%	8
51-4041	Machinists	LT OJT	\$29,040	\$39,410	\$44,590	1,650	1,810	9.7%	54
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	\$21,600	\$34,490	\$40,940	210	190	-9.5%	4
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	\$32,200	\$40,650	\$44,870	930	930	0.0%	23
51-5112	Printing Press Operators	MT OJT	\$25,960	\$35,890	\$40,850	240	230	-4.2%	4
51-5113	Print Binding & Finishing Workers	ST OJT	\$20,600	\$30,120	\$34,870	30	20	-33.3%	0
51-9011	Chemical Equipment Operators & Tenders	MT OJT	\$38,650	\$49,540	\$54,980	80	80	0.0%	3
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$27,870	\$40,410	\$46,680	840	930	10.7%	27
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	\$19,700	\$32,250	\$38,520	480	490	2.1%	12
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	\$36,770	\$58,970	\$70,070	320	360	12.5%	13
53-3031	Driver/Sales Workers	ST OJT	\$17,030	\$21,600	\$23,880	1,080	1,120	3.7%	21
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	\$30,780	\$43,130	\$49,300	3,610	4,150	15.0%	112
53-3033	Light Truck or Delivery Services Drivers	ST OJT	\$20,720	\$34,060	\$40,730	1,370	1,400	2.2%	26
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$26,900	\$40,080	\$46,670	400	390	-2.5%	9

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.