

## 2009 High Priority Occupations for Lehigh Valley Workforce Investment Area

SOC Code	SOC Title	Educational Attainment	Wages (2007)			Employment			
			Annual Average	Entry Level	Exper. Level	Estimated 2006	Projected 2016	Percent Change	Annual Openings
11-9033	Education Administrators, Postsecondary	BD+	\$ 76,000	\$ 45,300	\$ 91,350	460	510	11.1	18
11-9111	Medical & Health Services Managers	BD+	\$ 86,870	\$ 49,540	\$ 105,540	840	970	15.6	29
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	\$ 45,110	\$ 27,400	\$ 53,960	1,030	1,010	-2.0	26
13-1051	Cost Estimators	BD	\$ 56,730	\$ 34,840	\$ 67,670	410	460	11.7	13
13-1072	Compensation, Benefits & Job Analysis Specialists	BD	\$ 49,120	\$ 29,050	\$ 59,150	290	340	18.0	11
13-1073	Training & Development Specialists	BD	\$ 46,130	\$ 30,340	\$ 54,020	550	630	15.5	21
13-1111	Management Analysts	BD+	\$ 76,910	\$ 36,450	\$ 97,140	690	870	26.6	30
13-2011	Accountants & Auditors	BD	\$ 71,450	\$ 34,270	\$ 90,040	2,640	2,940	11.4	77
13-2051	Financial Analysts	BD	\$ 62,590	\$ 38,240	\$ 74,770	350	450	27.2	12
13-2053	Insurance Underwriters	BD	\$ 66,090	\$ 32,780	\$ 82,740	350	350	-1.4	9
13-2072	Loan Officers	BD	\$ 52,530	\$ 32,820	\$ 62,380	710	640	-9.6	8
15-1021	Computer Programmers	BD	N/A	N/A	N/A	1,180	1,130	-4.3	25
15-1031	Computer Software Engineers, Applications	BD	\$ 81,530	\$ 54,060	\$ 95,260	530	720	35.4	27
15-1032	Computer Software Engineers, Systems Software	BD	\$ 84,140	\$ 57,080	\$ 97,670	280	340	19.0	9
15-1041	Computer Support Specialists	AD	\$ 44,170	\$ 28,110	\$ 52,200	870	950	9.8	36
15-1051	Computer Systems Analysts	BD	\$ 68,410	\$ 45,300	\$ 79,960	730	910	24.8	37
15-1071	Network & Computer Systems Administrators	BD	\$ 55,140	\$ 37,760	\$ 63,820	540	650	19.6	23
15-1081	Network Systems & Data Communications Analysts	BD	\$ 59,700	\$ 37,660	\$ 70,720	260	400	53.8	19
17-2051	Civil Engineers	BD	\$ 63,520	\$ 45,450	\$ 72,550	580	620	6.2	19
17-2081	Environmental Engineers	BD	N/A	N/A	N/A	50	70	24.1	3
17-2112	Industrial Engineers	BD	\$ 62,690	\$ 42,410	\$ 72,840	380	490	28.0	20
17-2161	Nuclear Engineers	BD	N/A	N/A	N/A	N/A	N/A	N/A	N/A
17-3011	Architectural & Civil Drafters	PS VOC	\$ 40,910	\$ 29,610	\$ 46,560	330	300	-8.9	9
17-3013	Mechanical Drafters	PS VOC	\$ 44,320	\$ 32,360	\$ 50,300	280	290	1.8	9
17-3024	Electro-Mechanical Technicians	AD	\$ 46,760	\$ 33,760	\$ 53,260	20	30	13.0	0
17-3026	Industrial Engineering Technicians	AD	\$ 44,750	\$ 31,000	\$ 51,620	170	200	18.9	6
19-1021	Biochemists & Biophysicists	PhD	N/A	N/A	N/A	30	30	22.2	2
19-1042	Medical Scientists	PhD	N/A	N/A	N/A	40	50	31.6	2
19-2031	Chemists	BD	\$ 45,750	\$ 21,390	\$ 57,920	220	240	11.2	8
19-4021	Biological Technicians	AD	\$ 32,220	\$ 29,660	\$ 33,490	N/A	N/A	N/A	N/A
21-1011	Substance Abuse & Behavioral Disorder Counselors	MD	N/A	N/A	N/A	110	140	29.7	5
21-1012	Educational, Vocational & School Counselors	MD	\$ 43,030	\$ 25,580	\$ 51,760	650	680	3.4	15
21-1014	Mental Health Counselors	MD	\$ 34,670	\$ 23,030	\$ 40,490	410	510	22.0	17
21-1021	Child, Family & School Social Workers	BD	\$ 35,020	\$ 26,150	\$ 39,450	830	980	18.0	33
21-1022	Medical & Public Health Social Workers	BD	\$ 40,110	\$ 29,970	\$ 45,180	230	240	8.0	7
21-1023	Mental Health & Substance Abuse Social Workers	MD	\$ 29,960	\$ 22,300	\$ 33,790	510	630	22.8	23
21-1093	Social & Human Service Assistants	MT OJT	\$ 26,610	\$ 19,670	\$ 30,070	790	1,030	29.9	33
23-1011	Lawyers	PROF	\$ 112,520	\$ 51,350	\$ 143,110	710	780	10.6	21
23-2011	Paralegals & Legal Assistants	AD	\$ 40,610	\$ 29,290	\$ 46,260	280	320	14.5	8
25-1011	Business Teachers, Postsecondary	PhD	\$ 76,730	\$ 44,820	\$ 92,680	220	260	18.9	8

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25-1021	Computer Science Teachers, Postsecondary	PhD	\$ 59,820	\$ 28,900	\$ 75,280	110	130	14.5	4
25-1022	Mathematical Science Teachers, Postsecondary	PhD	\$ 66,430	\$ 40,940	\$ 79,170	140	170	19.6	5
25-1032	Engineering Teachers, Postsecondary	PhD	N/A	N/A	N/A	140	170	19.1	5
25-1042	Biological Science Teachers, Postsecondary	PhD	\$ 69,130	\$ 40,820	\$ 83,280	230	270	19.9	9
25-1066	Psychology Teachers, Postsecondary	PhD	\$ 63,910	\$ 47,370	\$ 72,180	130	150	19.0	4
25-1071	Health Specialties Teachers, Postsecondary	PhD	\$ 63,070	\$ 37,390	\$ 75,910	30	30	22.2	2
25-1072	Nursing Instructors & Teachers, Postsecondary	MD (MSN)*	\$ 64,750	\$ 38,000	\$ 78,130	140	170	19.4	5
25-1081	Education Teachers, Postsecondary	PhD	\$ 58,100	\$ 38,280	\$ 68,010	100	120	18.4	4
25-1121	Art, Drama & Music Teachers, Postsecondary	PhD	\$ 45,950	\$ 18,530	\$ 59,660	160	190	18.6	6
25-1194	Vocational Education Teachers, Postsecondary	WK EXP	\$ 37,430	\$ 21,610	\$ 45,340	190	210	14.5	6
25-2011	Preschool Teachers	BD	\$ 22,840	\$ 16,340	\$ 26,090	980	1,120	14.2	30
25-2012	Kindergarten Teachers	BD	\$ 50,070	\$ 32,600	\$ 58,810	380	390	3.4	7
25-2021	Elementary School Teachers	BD	\$ 44,280	\$ 25,050	\$ 53,890	N/A	N/A	N/A	N/A
25-2022	Middle School Teachers	BD	\$ 47,450	\$ 32,420	\$ 54,970	N/A	N/A	N/A	N/A
25-2031	Secondary School Teachers	BD	\$ 45,640	\$ 27,000	\$ 54,970	N/A	N/A	N/A	N/A
25-2032	Vocational Education Teachers, Secondary School	BD	\$ 50,680	\$ 36,790	\$ 57,630	240	200	-16.3	7
25-2041	Special Education Teachers, Pre-, Kindergarten & Elem.	BD	\$ 50,360	\$ 34,930	\$ 58,080	280	300	4.2	7
25-2042	Special Education Teachers, Middle School	BD	\$ 49,110	\$ 37,440	\$ 54,950	220	220	2.3	6
25-2043	Special Education Teachers, Secondary School	BD	\$ 52,780	\$ 37,000	\$ 60,660	200	190	-5.0	5
25-3011	Adult Literacy, Remedial Education & GED Teachers	BD	\$ 35,700	\$ 26,910	\$ 40,100	90	90	8.0	2
25-9041	Teacher Assistants	AD*	\$ 19,330	\$ 14,030	\$ 21,980	2,450	2,460	0.4	41
27-1024	Graphic Designers	BD	\$ 35,620	\$ 25,940	\$ 40,460	540	560	3.5	16
29-1021	Dentists, General	PROF	N/A	N/A	N/A	200	220	7.4	6
29-1051	Pharmacists	PROF	\$ 80,650	\$ 66,270	\$ 87,850	470	540	16.1	16
29-1062	Family & General Practitioners	PROF	\$ 153,570	\$ 101,240	\$ 179,730	460	520	11.4	13
29-1071	Physician Assistants	BD	\$ 59,900	\$ 37,750	\$ 70,980	220	280	27.9	9
29-1111	Registered Nurses	AD	\$ 54,680	\$ 45,180	\$ 59,430	6,650	7,940	19.4	239
29-1122	Occupational Therapists	BD	\$ 56,250	\$ 42,380	\$ 63,180	290	350	21.7	10
29-1123	Physical Therapists	MD	\$ 65,810	\$ 50,920	\$ 73,250	390	470	20.2	13
29-1126	Respiratory Therapists	AD	\$ 48,560	\$ 38,960	\$ 53,360	180	210	17.7	6
29-1131	Veterinarians	PROF	\$ 74,970	\$ 41,260	\$ 91,830	160	200	29.7	8
29-2011	Medical & Clinical Laboratory Technologists	BD	\$ 45,090	\$ 38,580	\$ 48,350	450	530	18.0	15
29-2012	Medical & Clinical Laboratory Technicians	AD	\$ 34,890	\$ 26,960	\$ 38,860	430	490	14.8	12
29-2021	Dental Hygienists	AD	\$ 44,090	\$ 37,760	\$ 47,250	360	470	28.4	17
29-2031	Cardiovascular Technologists & Technicians	AD	\$ 46,470	\$ 28,350	\$ 55,530	240	300	26.0	9
29-2034	Radiologic Technologists & Technicians	AD	\$ 45,660	\$ 37,480	\$ 49,750	510	570	11.4	13
29-2041	Emergency Medical Technicians & Paramedics	PS VOC	\$ 31,020	\$ 21,260	\$ 35,900	750	860	13.8	19
29-2052	Pharmacy Technicians	MT OJT	\$ 21,360	\$ 14,990	\$ 24,540	670	850	28.4	39
29-2055	Surgical Technologists	PS VOC	\$ 35,460	\$ 30,360	\$ 38,020	130	160	18.2	6
29-2056	Veterinary Technologists & Technicians	AD	\$ 24,890	\$ 18,920	\$ 27,870	180	240	34.8	11

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29-2061	Licensed Practical & Licensed Vocational Nurses	PS VOC	\$ 37,770	\$ 31,640	\$ 40,830	1,760	1,990	13.0	71
29-2071	Medical Records & Health Information Technicians	AD	\$ 27,130	\$ 19,510	\$ 30,940	450	540	18.5	20
31-1011	Home Health Aides	ST OJT	\$ 18,620	\$ 15,110	\$ 20,380	2,390	3,450	44.3	127
31-1012	Nursing Aides, Orderlies & Attendants	ST OJT	\$ 22,730	\$ 19,540	\$ 24,320	4,400	5,010	13.8	100
31-2021	Physical Therapist Assistants	AD	\$ 39,680	\$ 31,870	\$ 43,580	170	210	22.6	6
31-9091	Dental Assistants	MT OJT	\$ 28,110	\$ 21,380	\$ 31,470	720	920	28.5	32
31-9092	Medical Assistants	MT OJT	\$ 27,610	\$ 21,200	\$ 30,810	1,370	1,860	35.9	66
31-9094	Medical Transcriptionists	PS VOC	\$ 26,480	\$ 20,120	\$ 29,660	310	350	14.7	9
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	ST OJT	N/A	N/A	N/A	100	110	11.1	2
31-9099	Phlebotomists	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
33-3051	Police & Sheriff's Patrol Officers	LT OJT	\$ 45,130	\$ 32,920	\$ 51,240	990	1,030	4.8	31
39-9011	Child Care Workers	AD*	\$ 17,330	\$ 12,340	\$ 19,830	2,960	3,370	14.1	127
41-3011	Advertising Sales Agents	MT OJT	\$ 45,170	\$ 25,610	\$ 54,960	380	430	13.4	12
41-3021	Insurance Sales Agents	BD	N/A	N/A	N/A	1,180	1,170	-0.7	26
41-4011	Sales Representatives, Scientific & Technical	MT OJT	\$ 64,920	\$ 33,410	\$ 80,680	840	910	7.8	26
41-4012	Sales Representatives	MT OJT	\$ 53,170	\$ 26,980	\$ 66,260	5,360	5,600	4.6	142
41-9022	Real Estate Sales Agents	PS VOC	\$ 53,990	\$ 28,370	\$ 66,790	760	690	-9.4	12
43-3021	Billing & Posting Clerks & Machine Operators	ST OJT	\$ 28,890	\$ 21,920	\$ 32,370	1,620	1,670	2.6	25
43-3031	Bookkeeping, Accounting & Auditing Clerks	MT OJT	\$ 28,610	\$ 18,960	\$ 33,430	4,460	4,780	7.1	102
43-4011	Brokerage Clerks	MT OJT	\$ 36,100	\$ 28,590	\$ 39,860	130	150	10.6	5
43-4051	Customer Service Representatives	MT OJT	\$ 26,790	\$ 18,580	\$ 30,900	4,620	5,320	15.0	199
43-4131	Loan Interviewers & Clerks	ST OJT	\$ 24,220	\$ 12,990	\$ 29,840	290	220	-24.0	5
43-4151	Order Clerks	ST OJT	\$ 29,130	\$ 18,790	\$ 34,300	500	370	-26.0	11
43-5011	Cargo & Freight Agents	MT OJT	\$ 35,310	\$ 20,310	\$ 42,810	N/A	N/A	N/A	N/A
43-5061	Production, Planning & Expediting Clerks	ST OJT	\$ 36,730	\$ 25,270	\$ 42,470	610	660	7.7	22
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	\$ 26,740	\$ 18,310	\$ 30,960	1,460	1,560	7.0	45
43-6012	Legal Secretaries	PS VOC	\$ 32,950	\$ 25,180	\$ 36,830	720	750	3.9	14
43-6013	Medical Secretaries	PS VOC	\$ 25,900	\$ 22,140	\$ 27,780	980	1,140	16.6	32
43-6014	Secretaries	MT OJT	\$ 26,310	\$ 18,100	\$ 30,410	4,170	3,930	-5.8	66
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	\$ 29,760	\$ 23,490	\$ 32,890	650	580	-10.7	8
43-9061	Office Clerks	ST OJT	\$ 25,100	\$ 16,580	\$ 29,370	8,400	8,910	6.1	205
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	\$ 55,700	\$ 36,960	\$ 65,070	890	930	3.5	16
47-2021	Brickmasons & Blockmasons	LT OJT	\$ 32,450	\$ 25,070	\$ 36,140	150	150	0.0	3
47-2022	Stonemasons	LT OJT	N/A	N/A	N/A	N/A	N/A	N/A	N/A
47-2031	Carpenters	LT OJT	\$ 43,290	\$ 29,630	\$ 50,110	3,390	3,500	3.3	57
47-2051	Cement Masons & Concrete Finishers	LT OJT	\$ 42,630	\$ 29,530	\$ 49,180	340	340	1.8	11
47-2061	Construction Laborers	MT OJT	\$ 27,270	\$ 19,610	\$ 31,100	2,010	2,090	3.6	22
47-2073	Operating Engineers	MT OJT	\$ 37,140	\$ 28,340	\$ 41,540	680	700	2.3	15
47-2111	Electricians	LT OJT	\$ 56,000	\$ 36,040	\$ 65,970	1,060	1,060	0.1	27
47-2141	Painters, Construction & Maintenance	MT OJT	\$ 31,600	\$ 23,470	\$ 35,660	520	530	2.1	10

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47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	\$ 52,650	\$ 35,110	\$ 61,420	780	800	2.9	18
47-2181	Roofers	MT OJT	\$ 34,800	\$ 24,860	\$ 39,760	380	390	4.0	11
47-2211	Sheet Metal Workers	MT OJT	\$ 51,140	\$ 33,420	\$ 59,990	190	190	0.0	5
47-2221	Structural Iron & Steel Workers	LT OJT	\$ 43,860	\$ 32,490	\$ 49,540	130	140	7.9	5
49-2022	Telecommunications Equipment Installers & Repairers	PS VOC	\$ 50,780	\$ 34,860	\$ 58,750	200	220	9.6	7
49-3023	Automotive Service Technicians & Mechanics	PS VOC	\$ 35,300	\$ 21,450	\$ 42,220	1,900	1,990	4.8	47
49-3031	Bus, Truck & Diesel Engine Mechanics	PS VOC	\$ 38,380	\$ 30,230	\$ 42,460	450	420	-6.0	10
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	LT OJT	\$ 38,160	\$ 26,560	\$ 43,960	680	690	1.3	13
49-9041	Industrial Machinery Mechanics	LT OJT	\$ 37,030	\$ 29,090	\$ 41,010	780	890	13.5	24
49-9042	Maintenance & Repair Workers, General	LT OJT	\$ 32,540	\$ 22,250	\$ 37,680	2,880	3,010	4.5	20
49-9043	Maintenance Workers, Machinery	LT OJT	\$ 37,330	\$ 29,220	\$ 41,390	130	130	-3.0	2
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	N/A	N/A	N/A	190	200	2.1	6
49-9052	Telecommunications Line Installers & Repairers	LT OJT	\$ 53,890	\$ 37,900	\$ 61,880	340	370	6.7	11
51-1011	Supervisors - Production & Operating Workers	WK EXP	\$ 51,440	\$ 31,680	\$ 61,310	1,430	1,400	-2.1	24
51-2022	Electrical & Electronic Equipment Assemblers	ST OJT	N/A	N/A	N/A	1,110	900	-18.6	19
51-2092	Team Assemblers	MT OJT	\$ 26,490	\$ 19,440	\$ 30,020	3,230	2,920	-9.7	67
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	LT OJT	\$ 35,010	\$ 28,510	\$ 38,260	210	240	15.0	6
51-4012	Numerical Tool & Process Control Programmers	LT OJT	\$ 45,290	\$ 36,970	\$ 49,440	N/A	N/A	N/A	N/A
51-4021	Extruding & Drawing Machine Oprs, Metal & Plastic	MT OJT	\$ 31,480	\$ 23,710	\$ 35,370	450	450	-1.1	12
51-4031	Cutting, Punching & Press Machine Oprs, Metal & Plastic	MT OJT	\$ 28,920	\$ 19,640	\$ 33,570	310	270	-13.9	7
51-4041	Machinists	LT OJT	\$ 36,580	\$ 27,590	\$ 41,070	810	920	13.8	24
51-4072	Molding & Casting Machine Oprs, Metal & Plastic	MT OJT	\$ 28,580	\$ 21,740	\$ 32,000	200	190	-5.9	5
51-4081	Multiple Machine Tool Oprs, Metal & Plastic	MT OJT	\$ 25,590	\$ 17,540	\$ 29,610	120	150	20.3	6
51-4111	Tool & Die Makers	LT OJT	\$ 32,180	\$ 25,050	\$ 35,740	160	170	6.4	3
51-4121	Welders, Cutters, Solderers & Brazers	PS VOC	\$ 38,880	\$ 27,800	\$ 44,420	590	640	9.9	18
51-5023	Printing Machine Operators	MT OJT	\$ 31,860	\$ 19,680	\$ 37,960	340	330	-3.0	7
51-7011	Cabinetmakers & Bench Carpenters	LT OJT	\$ 31,450	\$ 22,840	\$ 35,760	100	110	8.8	4
51-7042	Woodworking Machine Setters/Operators/Tenders	MT OJT	\$ 27,110	\$ 20,170	\$ 30,580	300	330	10.4	10
51-8031	Water & Liquid Waste Treatment Plant & System Operators	LT OJT	\$ 35,080	\$ 26,880	\$ 39,180	210	230	7.7	6
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	\$ 31,230	\$ 21,880	\$ 35,900	1,120	1,020	-9.0	17
51-9081	Dental Laboratory Technicians	LT OJT	N/A	N/A	N/A	70	80	19.1	2
51-9082	Medical Appliance Technicians	LT OJT	N/A	N/A	N/A	50	60	15.4	2
51-9111	Packaging & Filling Machine Operators/Tenders	ST OJT	\$ 25,870	\$ 18,360	\$ 29,620	1,510	1,430	-5.6	28
51-9196	Paper Goods Machine Setters/Operators/Tenders	MT OJT	\$ 29,840	\$ 21,710	\$ 33,900	250	230	-8.8	6
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	\$ 53,260	\$ 37,050	\$ 61,360	510	580	15.0	18
53-3031	Driver/Sales Workers	ST OJT	\$ 28,330	\$ 17,150	\$ 33,910	1,040	1,020	-1.7	18
53-3032	Truck Drivers, Heavy & Tractor-Trailer	MT OJT	\$ 36,140	\$ 27,450	\$ 40,480	4,280	4,640	8.4	112
53-3033	Truck Drivers, Light or Delivery Services	ST OJT	\$ 24,710	\$ 15,830	\$ 29,140	2,720	2,850	4.8	61
53-7032	Excavating & Loading Machine & Dragline Operators	MT OJT	\$ 30,880	\$ 25,700	\$ 33,470	150	160	4.6	3
53-7051	Industrial Truck & Tractor Operators	ST OJT	\$ 28,800	\$ 22,320	\$ 32,040	3,420	3,970	16.0	141

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53-7062	Laborers & Freight, Stock & Material Movers	ST OJT	\$ 24,100	\$ 16,750	\$ 27,770	5,910	6,070	2.7	205
53-7081	Refuse & Recyclable Material Collectors	ST OJT	\$ 32,210	\$ 21,760	\$ 37,430	140	140	-2.8	4