

PENNSYLVANIA OCCUPATIONAL WAGES
LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA
 (Lehigh & Northampton Counties)
MAY 2020 - [PUBLISHED APRIL 2021]

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage (\$)	Average Annual Wage (\$)	Median Annual Wage (\$)	Entry Annual Wage (\$)	Exper'd Annual Wage (\$)	Mid Range Annual Wage (\$)	
00-0000	Total, All Occupations	#	24.61	51,200	40,260	24,430	64,580	28,440	to 62,000
11-0000	Management Occupations	#	56.48	117,470	103,550	62,900	144,760	75,100	to 139,050
11-1011	Chief Executives	BD+	104.75	217,870	#	106,940	273,340	125,980	to #
11-1021	General & Operations Managers	BD+	57.40	119,400	103,110	59,910	149,150	71,820	to 142,470
11-2021	Marketing Managers	BD+	66.31	137,930	127,350	70,720	171,540	82,240	to 178,230
11-2022	Sales Managers	BD+	59.62	124,010	114,370	65,210	153,420	78,710	to 161,120
11-2030	Public Relations & Fundraising Managers	BD+	54.18	112,700	95,380	63,490	137,310	68,170	to 133,320
11-3010	Administrative Services & Facilities Managers	BD+	52.50	109,210	103,300	72,910	127,350	82,620	to 128,030
11-3021	Computer & Information Systems Managers	BD+	61.16	127,210	122,070	86,830	147,390	96,630	to 154,310
11-3031	Financial Managers	BD+	71.24	148,180	126,780	82,880	180,830	98,160	to 177,090
11-3051	Industrial Production Managers	BD+	53.71	111,720	106,840	75,450	129,850	83,060	to 134,500
11-3061	Purchasing Managers	BD+	53.29	110,840	103,260	82,780	124,870	88,560	to 126,570
11-3071	Transportation, Storage & Distribution Managers	WK EXP	49.95	103,900	98,950	72,780	119,450	80,520	to 122,540
11-3111	Compensation & Benefits Managers	BD+	71.40	148,500	143,890	74,760	185,380	87,880	to 191,690
11-3121	Human Resources Managers	BD+	64.38	133,900	123,200	77,230	162,240	85,940	to 170,820
11-3131	Training & Development Managers	BD+	53.60	111,490	105,400	83,850	125,310	89,520	to 129,820

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11-9021	Construction Managers	BD	47.12	98,000	93,490	70,070	111,970	76,290	to 116,300
11-9031	Education Administrators, Preschool & Childcare Center/Program	BD+	20.04	41,690	37,830	36,100	44,490	35,030	to 40,710
11-9032	Education Administrators, Elementary & Secondary School	MD+	*	104,400	107,950	83,050	115,080	90,940	to 122,660
11-9033	Education Administrators, Postsecondary	MD+	45.51	94,660	85,170	62,480	110,750	69,610	to 105,160
11-9039	Education Administrators, Other	BD+	40.35	83,930	74,460	59,980	95,900	63,350	to 94,310
11-9041	Architectural & Engineering Managers	BD+	76.23	158,550	139,980	108,410	183,620	116,360	to 193,340
11-9051	Food Service Managers	WK EXP	35.53	73,900	64,860	50,510	85,600	56,220	to 90,890
11-9081	Lodging Managers	WK EXP	27.62	57,450	46,620	34,270	69,040	37,670	to 70,530
11-9111	Medical & Health Services Managers	BD+	46.35	96,410	86,950	60,310	114,460	68,610	to 112,950
11-9121	Natural Sciences Managers	BD+	72.40	150,590	128,200	94,320	178,720	101,240	to 189,640
11-9131	Postmasters & Mail Superintendents	WK EXP	37.40	77,800	76,730	66,230	83,590	72,290	to 85,090
11-9141	Property, Real Estate & Community Association Managers	WK EXP	48.47	100,810	92,820	57,730	122,350	66,100	to 125,900
11-9151	Social & Community Service Managers	BD+	31.76	66,060	62,370	47,380	75,400	53,480	to 78,180
11-9161	Emergency Management Directors	BD+	36.61	76,150	74,490	61,550	83,450	65,420	to 83,260
11-9198	Misc. Personal Svc, Entertainment & Other Managers	BD+	58.48	121,630	107,490	76,200	144,350	87,200	to 147,380
13-0000	Business & Financial Operations Occupations	#	37.01	76,970	67,260	44,090	93,410	51,330	to 91,520

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13-1020	Buyers & Purchasing Agents	BD	31.01	64,490	61,700	44,390	74,550	48,880	to 77,010
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	34.39	71,530	68,380	43,850	85,370	49,940	to 91,220
13-1041	Compliance Officers	BD	31.53	65,580	62,930	43,420	76,660	48,790	to 78,300
13-1051	Cost Estimators	BD	35.16	73,140	63,440	41,430	89,000	49,200	to 87,120
13-1071	Human Resources Specialists	BD	31.48	65,480	60,280	41,210	77,610	45,790	to 80,660
13-1081	Logisticians	BD	37.10	77,160	75,710	54,130	88,680	60,330	to 93,240
13-1111	Management Analysts	BD+	46.43	96,570	86,840	59,150	115,290	64,860	to 113,860
13-1121	Meeting, Convention & Event Planners	BD	23.78	49,460	46,480	33,270	57,560	37,970	to 57,580
13-1131	Fundraisers	BD	31.35	65,210	59,910	42,680	76,470	47,830	to 80,450
13-1141	Compensation, Benefits & Job Analysis Specialists	BD+	40.24	83,710	72,810	53,030	99,040	58,610	to 104,310
13-1151	Training & Development Specialists	BD+	28.75	59,800	59,250	38,030	70,690	42,620	to 74,030
13-1161	Market Research Analysts & Marketing Specialists	BD	28.99	60,290	53,520	32,480	74,200	37,800	to 74,940
13-1198	Project Mgmt & Other Business Operations Specialists	BD	39.34	81,830	80,050	43,500	100,990	55,050	to 105,510
13-2011	Accountants & Auditors	BD	36.48	75,880	67,270	51,660	87,990	55,860	to 89,250
13-2020	Property Appraisers & Assessors	BD+	34.75	72,280	62,620	51,680	82,590	54,790	to 77,430
13-2031	Budget Analysts	BD	35.04	72,880	70,720	49,820	84,410	58,460	to 88,550

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13-2041	Credit Analysts	BD	38.68	80,450	72,290	55,130	93,110	59,230	to 97,140
13-2052	Personal Financial Advisors	BD+	75.95	157,970	147,200	52,080	210,920	61,370	to #
13-2053	Insurance Underwriters	BD	44.41	92,380	80,030	51,640	112,750	57,560	to 116,800
13-2061	Financial Examiners	BD+	34.11	70,950	67,280	57,920	77,470	59,040	to 83,570
13-2071	Credit Counselors	BD	29.43	61,210	50,990	36,460	73,590	40,020	to 73,750
13-2072	Loan Officers	BD	46.80	97,340	65,070	44,520	123,750	48,630	to 97,620
13-2081	Tax Examiners & Collectors & Revenue Agents	BD	33.02	68,690	60,610	39,100	83,490	49,290	to 88,660
13-2098	Financial, Investment & Risk Specialists, All Other	BD	46.24	96,180	85,340	57,010	115,770	65,300	to 113,540
15-0000	Computer & Mathematical Occupations	#	39.71	82,590	75,480	49,750	99,010	57,170	to 101,560
15-1211	Computer Systems Analysts	BD	42.35	88,080	84,830	59,830	102,210	68,680	to 105,760
15-1212	Information Security Analysts	BD+	43.73	90,960	86,570	63,530	104,670	69,190	to 107,330
15-1231	Computer Network Support Specialists	AD	33.53	69,740	62,580	44,420	82,400	48,500	to 82,640
15-1232	Computer User Support Specialists	PS	27.07	56,300	56,390	41,030	63,930	46,780	to 64,190
15-1241	Computer Network Architects	BD+	56.79	118,130	103,380	72,000	141,190	79,780	to 133,400
15-1244	Network & Computer Systems Administrators	BD	36.71	76,370	72,870	53,410	87,850	59,760	to 89,500
15-1245	Database Administrators & Architects	BD	42.26	87,890	88,900	53,590	105,040	64,560	to 110,840

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15-1251	Computer Programmers	BD	39.96	83,110	80,050	56,210	96,570	65,200	to 100,490
15-1256	Software Developers & QA Analysts	BD	46.95	97,660	91,420	66,510	113,230	73,510	to 115,270
15-1257	Web & Digital Interface Designers	AD	32.11	66,790	63,390	38,190	81,080	44,930	to 86,020
15-1299	Computer Occupations, All Other	BD	43.07	89,590	83,480	46,850	110,960	57,170	to 115,300
15-2011	Actuaries	BD+	63.10	131,250	128,980	71,250	161,250	84,040	to 169,910
15-2031	Operations Research Analysts	BD	32.79	68,210	60,070	45,440	79,590	49,360	to 81,990
15-2041	Statisticians	MD	34.78	72,340	64,840	40,660	88,180	47,410	to 92,880
15-2098	Data Scientists & Math Science Workers, All Other	BD	33.65	69,990	61,360	47,790	81,080	52,790	to 81,440
17-0000	Architecture & Engineering Occupations	#	40.87	85,020	78,020	52,180	101,430	60,750	to 101,120
17-1011	Architects	BD+	44.86	93,320	87,620	57,590	111,180	69,060	to 113,840
17-1012	Landscape Architects	BD+	33.71	70,110	72,590	61,750	74,290	67,250	to 78,010
17-1021	Cartographers & Photogrammetrists	BD	28.00	58,230	57,560	37,470	68,610	39,350	to 72,270
17-1022	Surveyors	BD+	29.73	61,840	60,950	36,540	74,490	42,540	to 76,510
17-2041	Chemical Engineers	BD	46.01	95,700	93,120	69,420	108,830	76,500	to 113,600
17-2051	Civil Engineers	BD	42.30	87,990	80,540	60,800	101,580	66,900	to 101,970
17-2061	Computer Hardware Engineers	BD	54.63	113,630	111,910	78,320	131,290	89,000	to 136,190

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17-2071	Electrical Engineers	BD	50.59	105,220	93,540	66,060	124,800	72,340	to 127,710
17-2072	Electronics Engineers	BD	57.69	119,990	113,200	78,460	140,750	86,930	to 151,340
17-2081	Environmental Engineers	BD	47.62	99,050	100,540	71,570	112,790	80,580	to 119,840
17-2111	Health & Safety Engineers	BD	46.15	96,000	97,850	63,380	112,300	71,480	to 120,610
17-2112	Industrial Engineers	BD	39.63	82,420	78,360	57,020	95,120	64,080	to 97,950
17-2131	Materials Engineers	BD	44.97	93,530	94,100	61,930	109,330	68,770	to 115,580
17-2141	Mechanical Engineers	BD	43.45	90,370	81,650	63,950	103,580	69,030	to 101,060
17-2199	Engineers, Other	BD	47.83	99,480	95,860	66,130	116,150	76,330	to 114,660
17-3011	Architectural & Civil Drafters	AD	26.52	55,170	54,530	40,590	62,450	45,550	to 63,800
17-3012	Electrical & Electronics Drafters	AD	33.47	69,620	70,710	45,620	81,620	51,090	to 86,730
17-3013	Mechanical Drafters	AD	30.83	64,120	61,340	42,370	75,000	48,200	to 81,550
17-3019	Drafters, Other	AD	31.12	64,740	62,410	54,460	69,870	55,860	to 71,870
17-3022	Civil Engineering Technicians	AD	31.55	65,620	64,340	48,480	74,190	53,340	to 78,200
17-3023	Electrical & Electronic Engineering Technicians	AD	34.08	70,890	72,970	49,500	81,580	58,770	to 80,960
17-3026	Industrial Engineering Technicians	AD	29.69	61,760	63,730	40,220	72,530	46,860	to 76,890
17-3027	Mechanical Engineering Technicians	AD	33.44	69,550	63,050	41,940	83,350	48,760	to 78,500

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17-3031	Surveying & Mapping Technicians	MT OJT	30.14	62,700	59,850	49,920	69,090	53,180	to 69,900
17-3098	Calibration & Engineering Techs, All Other	AD	27.39	56,970	48,690	34,670	68,120	37,630	to 72,700
19-0000	Life, Physical & Social Science Occupations	#	33.43	69,530	62,220	41,380	83,600	48,850	to 81,810
19-1012	Food Scientists & Technologists	BD	42.81	89,040	82,460	60,570	103,270	66,090	to 112,010
19-1022	Microbiologists	BD	31.09	64,670	61,970	58,480	67,760	57,060	to 70,190
19-1031	Conservation Scientists	BD	31.53	65,570	64,870	54,720	71,000	56,890	to 75,600
19-1042	Medical Scientists	PhD	38.82	80,740	67,640	58,060	92,080	60,100	to 102,770
19-2031	Chemists	BD	38.35	79,770	73,610	54,970	92,170	58,810	to 96,470
19-2032	Materials Scientists	BD	50.08	104,160	104,620	66,410	123,030	80,010	to 126,130
19-2041	Environmental Scientists & Specialists	BD	36.68	76,310	71,390	53,830	87,540	58,440	to 83,890
19-2042	Geoscientists	BD	32.81	68,250	65,880	36,680	84,040	38,930	to 95,490
19-3031	Clinical, Counseling & School Psychologists	PhD	44.17	91,870	75,710	57,880	108,860	62,490	to 93,790
19-3051	Urban & Regional Planners	MD	37.94	78,920	79,390	56,390	90,190	63,650	to 96,450
19-4010	Agricultural & Food Science Technicians	AD+	21.29	44,280	41,800	33,190	49,830	35,130	to 53,570
19-4021	Biological Technicians	BD	19.24	40,020	38,340	29,680	45,190	31,530	to 46,740
19-4031	Chemical Technicians	AD+	23.86	49,630	50,560	36,590	56,160	42,400	to 59,290

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19-4042	Environmental Science & Protection Technicians	AD	21.69	45,130	42,080	30,790	52,290	33,390	to 53,120
19-4061	Social Science Research Assistants	BD	27.29	56,760	56,520	41,000	64,640	47,260	to 64,400
19-4099	Life, Physical & Social Science Technicians, Other	AD	24.55	51,060	53,980	31,620	60,780	43,120	to 62,690
19-5011	Occupational Health & Safety Specialists	BD	35.36	73,540	70,370	52,860	83,880	57,370	to 87,190
19-5012	Occupational Health & Safety Technicians	MT OJT	25.47	52,990	50,960	38,490	60,230	41,820	to 62,020
21-0000	Community & Social Services Occupations	#	23.04	47,920	43,100	31,100	56,340	34,440	to 59,160
21-1012	Educational, Guidance, School & Vocational Counselors	MD	34.22	71,170	69,580	50,100	81,710	56,660	to 89,570
21-1015	Rehabilitation Counselors	MD	17.12	35,610	32,870	21,800	42,520	23,860	to 40,480
21-1018	Substance Abuse, Behavioral Disorder & Mental Health Counselors	BD	23.06	47,970	44,790	34,180	54,860	36,580	to 56,640
21-1021	Child, Family & School Social Workers	BD	22.54	46,880	44,020	31,350	54,650	35,010	to 57,270
21-1022	Healthcare Social Workers	MD+	28.07	58,390	57,600	43,950	65,610	48,860	to 64,940
21-1023	Mental Health & Substance Abuse Social Workers	MD+	17.15	35,680	33,720	27,810	39,620	29,030	to 38,920
21-1029	Social Workers, Other	BD	37.39	77,770	76,870	60,160	86,570	64,550	to 91,230
21-1092	Probation Officers & Correctional Treatment Specialists	BD	31.74	66,010	65,850	51,280	73,370	54,620	to 78,050
21-1093	Social & Human Service Assistants	ST OJT	18.38	38,240	37,000	30,760	41,970	32,850	to 42,070
21-1094	Community Health Workers	ST OJT	20.23	42,090	41,190	31,060	47,600	34,930	to 50,200

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21-1099	Community & Social Service Specialists, Other	BD	19.31	40,170	38,890	32,660	43,930	34,470	to 46,460
21-2011	Clergy	BD	25.01	52,020	42,380	34,380	60,840	35,860	to 58,650
21-2021	Directors, Religious Activities & Education	BD+	20.19	42,000	31,600	20,880	52,560	23,260	to 48,280
23-0000	Legal Occupations	#	47.38	98,550	85,820	41,020	127,320	47,840	to 146,840
23-1011	Lawyers	PROF	66.47	138,250	135,480	78,210	168,270	97,950	to 172,110
23-1021	Administrative Law Judges, Adjudicators & Hearing Officers	PhD	33.65	69,990	62,040	48,840	80,560	51,880	to 80,800
23-2011	Paralegals & Legal Assistants	AD	24.47	50,900	47,040	35,170	58,770	37,960	to 59,000
23-2093	Title Examiners, Abstractors & Searchers	MT OJT	18.54	38,570	39,290	22,460	46,630	23,820	to 50,530
23-2099	Legal Support Workers, Other	AD	61.99	128,950	117,150	97,590	144,630	100,470	to 163,630
25-0000	Education, Training & Library Occupations	#	31.36	65,220	63,610	31,520	82,070	39,670	to 85,550
25-1021	Computer Science Teachers, Postsecondary	PhD	*	97,070	83,710	51,590	119,810	60,260	to 118,620
25-1022	Mathematical Science Teachers, Postsecondary	PhD	*	90,090	78,490	53,010	108,630	59,710	to 102,170
25-1042	Biological Science Teachers, Postsecondary	PhD	*	90,130	78,140	58,320	106,040	61,980	to 106,900
25-1051	Atmospheric, Earth, Marine & Space Sciences Teachers, Postsecondary	PhD	*	120,860	94,220	63,260	149,660	73,860	to 130,710
25-1052	Chemistry Teachers, Postsecondary	PhD	*	93,030	81,700	55,940	111,580	62,120	to 108,400
25-1054	Physics Teachers, Postsecondary	PhD	*	103,320	92,430	62,680	123,630	70,130	to 123,020

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25-1061	Anthropology & Archeology Teachers, Postsecondary	PhD	*	85,350	87,730	48,210	103,930	70,210	to 102,840
25-1063	Economics Teachers, Postsecondary	PhD	*	155,430	113,640	78,050	194,120	90,570	to #
25-1065	Political Science Teachers, Postsecondary	PhD	*	107,310	94,480	56,230	132,840	67,710	to 127,580
25-1066	Psychology Teachers, Postsecondary	PhD	*	97,540	80,690	56,150	118,230	62,180	to 107,140
25-1067	Sociology Teachers, Postsecondary	PhD	*	81,740	70,550	51,410	96,910	56,930	to 94,240
25-1071	Health Specialties Teachers, Postsecondary	PhD	*	80,960	72,250	44,070	99,400	53,350	to 100,000
25-1072	Nursing Instructors & Teachers, Postsecondary	PhD	*	75,920	73,980	56,940	85,400	63,230	to 88,790
25-1121	Art, Drama & Music Teachers, Postsecondary	MD	*	91,630	78,580	53,420	110,730	60,710	to 101,290
25-1123	English Language & Literature Teachers, Postsecondary	PhD	*	81,740	74,180	44,680	100,280	53,770	to 101,900
25-1124	Foreign Language & Literature Teachers, Postsecondary	PhD	*	85,190	77,360	48,360	103,600	58,220	to 102,370
25-1125	History Teachers, Postsecondary	PhD	*	93,030	85,380	50,930	114,070	61,790	to 108,810
25-1126	Philosophy & Religion Teachers, Postsecondary	PhD	*	87,220	79,560	53,660	104,000	61,410	to 101,940
25-1194	Vocational Education Teachers, Postsecondary	BD+	25.83	53,720	50,660	42,250	59,460	44,440	to 61,100
25-2011	Preschool Teachers	AD	14.70	30,590	28,630	21,080	35,340	23,040	to 35,150
25-2012	Kindergarten Teachers	BD+	*	82,990	85,330	68,840	90,070	74,630	to 95,710
25-2021	Elementary School Teachers	BD+	*	78,300	80,240	60,460	87,230	66,550	to 93,000

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PENNSYLVANIA OCCUPATIONAL WAGES
LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA
 (Lehigh & Northampton Counties)
MAY 2020

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage (\$)	Average Annual Wage (\$)	Median Annual Wage (\$)	Entry Annual Wage (\$)	Exper'd Annual Wage (\$)	Mid Range Annual Wage (\$)	
25-2022	Middle School Teachers	BD+	*	65,150	64,220	39,810	77,830	53,250	to 86,380
25-2023	Career/Technical Education Teachers, Middle School	BD+	*	69,350	61,630	55,790	76,120	56,030	to 89,300
25-2031	Secondary School Teachers	BD+	*	71,230	71,250	51,810	80,930	57,120	to 86,660
25-2032	Career/Technical Education Teachers, Secondary School	BD+	*	74,140	70,270	50,620	85,900	56,920	to 90,690
25-2052	Special Education Teachers, Kindergarten & Elementary School	BD+	*	74,860	74,120	57,950	83,320	62,260	to 87,690
25-2057	Special Education Teachers, Middle School	BD+	*	78,910	83,410	59,810	88,460	65,460	to 94,490
25-2058	Special Education Teachers, Secondary School	BD+	*	69,670	69,960	50,550	79,230	54,850	to 83,720
25-2059	Special Education Teachers, Other	BD+	*	52,780	55,280	24,920	66,710	26,840	to 76,970
25-3011	Adult Basic & Secondary Education & Literacy Teachers & Instructors	BD+	24.77	51,530	51,830	35,550	59,520	39,470	to 60,640
25-3021	Self-Enrichment Education Teachers	WK EXP	16.43	34,170	30,700	19,830	41,340	21,670	to 44,960
25-3031	Substitute Teachers (Short-Term)	BD	21.19	44,080	31,610	23,730	54,250	26,010	to 39,180
25-3097	Teachers & Instructors, Other	BD	*	41,210	28,610	21,890	50,880	23,500	to 57,350
25-4011	Archivists	MD	32.09	66,760	63,910	54,370	72,950	56,460	to 77,050
25-4012	Curators	MD	25.34	52,700	46,350	34,800	61,650	36,540	to 68,700
25-4013	Museum Technicians & Conservators	BD	17.87	37,180	37,190	34,150	38,690	34,380	to 39,990
25-4022	Librarians & Media Collections Specialists	MD	29.57	61,500	63,400	33,070	75,710	42,710	to 82,220

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 (Lehigh & Northampton Counties)
MAY 2020

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25-4031	Library Technicians	PS	16.96	35,290	34,520	23,000	41,430	24,390	to 44,890
25-9031	Instructional Coordinators	MD+	33.57	69,820	62,890	50,900	79,280	55,280	to 81,200
25-9044	Teaching Assistants, Postsecondary	BD	*	38,570	38,350	27,660	44,020	33,410	to 46,420
25-9045	Teaching Assistants, Non-Postsecondary	PS	*	29,250	29,420	19,570	34,100	21,150	to 36,840
25-9099	Education, Training & Library Workers, Other	BD	16.73	34,790	27,160	20,830	41,770	22,010	to 45,480
27-0000	Arts, Design, Entertainment, Sports & Media Occupations	#	24.39	50,730	44,940	24,220	63,990	29,080	to 62,480
27-1011	Art Directors	BD+	46.24	96,190	92,530	54,180	117,190	67,930	to 122,730
27-1021	Commercial & Industrial Designers	BD	31.06	64,610	59,380	46,540	73,650	50,290	to 74,830
27-1023	Floral Designers	MT OJT	13.12	27,280	27,700	22,410	29,720	24,570	to 30,460
27-1024	Graphic Designers	BD	25.77	53,590	52,750	35,680	62,550	40,970	to 62,930
27-1025	Interior Designers	BD	26.54	55,210	48,900	40,060	62,790	43,480	to 63,500
27-1026	Merchandise Displayers & Window Trimmers	ST OJT	17.49	36,380	34,000	26,310	41,410	28,010	to 44,970
27-2011	Actors	PS+	10.89	#	#	#	#	#	to #
27-2012	Producers & Directors	BD+	40.66	84,570	53,370	30,110	111,800	39,800	to 92,530
27-2022	Coaches & Scouts	BD	*	37,020	31,510	18,950	46,050	20,210	to 43,450
27-2041	Music Directors & Composers	BD+	26.21	54,530	52,870	30,010	66,780	33,950	to 65,800

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 (Lehigh & Northampton Counties)
MAY 2020

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27-2042	Musicians & Singers	LT OJT	16.63	#	#	#	#	#	to	#
27-3031	Public Relations Specialists	BD	29.30	60,940	58,240	39,150	71,830	45,340	to	75,100
27-3041	Editors	BD+	28.31	58,890	54,040	33,250	71,710	36,900	to	72,840
27-3042	Technical Writers	BD+	35.11	73,030	70,800	52,700	83,200	57,600	to	84,510
27-3043	Writers & Authors	BD+	30.35	63,120	62,470	47,040	71,160	51,040	to	74,040
27-3091	Interpreters & Translators	BD	24.15	50,230	39,740	34,400	58,150	35,320	to	57,250
27-4021	Photographers	MT OJT	18.12	37,700	36,400	27,470	42,810	30,970	to	43,180
27-4031	Camera Operators: TV, Video & Motion Picture	BD	23.78	49,450	53,450	30,890	58,740	31,270	to	61,690
29-0000	Healthcare Practitioners & Technical Occupations	#	39.04	81,210	67,780	43,340	100,140	52,040	to	85,500
29-1011	Chiropractors	PROF	42.00	87,370	86,660	59,100	101,500	60,390	to	113,670
29-1021	Dentists, General	PROF	70.53	146,700	119,770	85,970	177,070	95,330	to	159,240
29-1031	Dietitians & Nutritionists	BD	29.23	60,800	59,770	49,990	66,210	53,150	to	66,810
29-1041	Optometrists	PROF	67.42	140,240	137,750	113,690	153,510	121,840	to	153,610
29-1051	Pharmacists	PROF	52.80	109,830	114,140	79,730	124,880	90,010	to	130,290
29-1071	Physician Assistants	MD	47.98	99,800	99,900	80,140	109,630	88,990	to	113,490
29-1081	Podiatrists	PROF	59.16	123,050	115,650	72,070	148,540	83,230	to	162,790

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LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA
 (Lehigh & Northampton Counties)
MAY 2020

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29-1122	Occupational Therapists	MD	39.02	81,170	78,940	63,490	90,010	69,350	to 94,810
29-1123	Physical Therapists	PhD	42.16	87,680	87,750	57,420	102,810	66,590	to 102,340
29-1125	Recreational Therapists	BD	21.99	45,740	45,550	26,260	55,480	35,220	to 56,860
29-1126	Respiratory Therapists	AD	29.47	61,290	59,530	47,590	68,150	51,100	to 70,950
29-1127	Speech-Language Pathologists	MD+	45.73	95,120	96,880	61,160	112,100	70,290	to 121,900
29-1131	Veterinarians	PROF	50.53	105,110	95,930	66,020	124,660	77,140	to 137,890
29-1141	Registered Nurses	BD	33.97	70,660	72,040	53,940	79,020	60,610	to 80,950
29-1151	Nurse Anesthetists	MD	85.13	177,070	170,680	142,290	194,460	151,110	to 197,710
29-1171	Nurse Practitioners	MD	51.99	108,130	101,950	85,690	119,350	91,230	to 123,600
29-1215	Family Medicine Physicians	PROF	123.90	257,710	#	167,330	302,900	184,130	to #
29-1216	General Internal Medicine Physicians	PROF	105.01	218,410	#	108,940	273,150	147,310	to #
29-1223	Psychiatrists	PROF	91.82	190,990	189,680	93,800	239,590	100,970	to #
29-1228	Physicians & Ophthalmologists, All Other	PROF	76.68	159,490	124,570	59,860	209,300	61,870	to #
29-1292	Dental Hygienists	AD	34.21	71,160	72,940	63,330	75,070	66,870	to 78,750
29-2010	Clinical Laboratory Technologists & Technicians	BD	25.03	52,060	51,690	36,000	60,100	40,260	to 62,460
29-2031	Cardiovascular Technologists & Technicians	AD	30.50	63,430	63,100	35,760	77,270	41,380	to 81,830

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 (Lehigh & Northampton Counties)
MAY 2020

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29-2034	Radiologic Technologists	AD	26.88	55,910	54,310	42,950	62,390	45,780	to 64,650
29-2035	Magnetic Resonance Imaging Technologists	AD+	24.17	50,280	48,960	22,390	64,220	23,630	to 69,430
29-2040	Emergency Medical Technicians & Paramedics	PS	20.21	42,030	40,700	29,950	48,070	32,800	to 50,910
29-2052	Pharmacy Technicians	MT OJT	14.31	29,770	28,900	21,750	33,780	23,850	to 35,520
29-2056	Veterinary Technologists & Technicians	AD	16.84	35,030	35,410	29,310	37,890	31,900	to 38,850
29-2057	Ophthalmic Medical Technicians	PS	17.02	35,410	35,880	25,550	40,330	28,360	to 42,780
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	24.66	51,290	50,920	43,750	55,060	45,060	to 58,510
29-2081	Opticians, Dispensing	LT OJT	20.06	41,720	42,290	28,360	48,400	30,850	to 49,860
29-2091	Orthotists & Prosthetists	MD+	32.11	66,790	64,760	50,980	74,700	55,560	to 78,060
29-2098	Medical Dosimetrists, Records Specialists & Other Techs	PS	19.51	40,580	38,850	30,700	45,520	32,640	to 47,090
29-9091	Athletic Trainers	BD	*	52,300	50,020	41,710	57,590	43,550	to 60,520
29-9098	Health Info Techs, Surgical Asst's & Other HC Workers	PS	31.63	65,790	48,630	31,580	82,890	34,200	to 83,330
31-0000	Healthcare Support Occupations	#	15.42	32,070	30,660	23,600	36,310	25,120	to 37,400
31-1120	Home Health & Personal Care Aides	ST OJT	12.91	26,860	25,200	22,490	29,040	22,560	to 29,770
31-1131	Nursing Assistants	PS	16.57	34,470	34,340	28,390	37,500	30,060	to 38,780
31-1132	Orderlies	ST OJT	15.06	31,320	30,200	25,470	34,240	26,540	to 34,860

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 (Lehigh & Northampton Counties)
MAY 2020

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31-2011	Occupational Therapy Assistants	AD	26.21	54,520	55,160	41,590	60,990	46,270	to 63,620
31-2021	Physical Therapist Assistants	AD	27.25	56,670	54,910	43,150	63,430	47,360	to 67,580
31-2022	Physical Therapist Aides	ST OJT	15.98	33,230	29,940	25,520	37,090	26,800	to 33,540
31-9011	Massage Therapists	PS	21.52	44,760	43,660	28,770	52,760	35,510	to 50,970
31-9091	Dental Assistants	PS	21.62	44,970	43,860	33,880	50,510	36,470	to 53,660
31-9092	Medical Assistants	PS	17.17	35,720	35,540	29,330	38,910	31,340	to 39,550
31-9095	Pharmacy Aides	ST OJT	12.52	26,050	24,460	23,310	27,420	22,630	to 26,320
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	ST OJT	12.39	25,770	25,820	19,060	29,120	20,460	to 30,330
31-9097	Phlebotomists	PS	18.34	38,160	38,000	32,350	41,060	33,910	to 42,650
31-9099	Healthcare Support Workers, Other	ST OJT	17.23	35,840	31,120	28,310	39,610	28,380	to 44,630
33-0000	Protective Service Occupations	#	22.39	46,580	37,210	24,270	57,730	26,140	to 62,530
33-1012	Supervisors - Police & Detectives	WK EXP	48.59	101,060	98,500	80,740	111,220	87,960	to 110,600
33-1021	Supervisors - Fire Fighting & Prevention	PS+	39.36	81,870	81,700	63,810	90,900	70,570	to 95,790
33-1090	Supervisors - Protective Service Workers	WK EXP	25.02	52,040	47,990	32,090	62,020	34,950	to 63,660
33-2011	Firefighters	PS+	30.82	64,100	69,710	36,240	78,030	47,140	to 80,400
33-2021	Fire Inspectors & Investigators	PS+	24.86	51,710	49,380	38,870	58,140	41,540	to 60,590

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 (Lehigh & Northampton Counties)
MAY 2020

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33-3021	Detectives & Criminal Investigators	WK EXP	43.64	90,770	79,710	62,740	104,780	67,180	to 104,990
33-3041	Parking Enforcement Workers	ST OJT	15.70	32,660	33,510	27,700	35,140	29,600	to 37,010
33-3051	Police & Sheriff's Patrol Officers	MT OJT	34.62	72,010	71,790	50,440	82,790	54,830	to 85,860
33-9032	Security Guards	ST OJT	13.94	29,000	26,760	23,350	31,830	23,730	to 32,560
33-9091	Crossing Guards	ST OJT	13.86	28,840	29,080	26,130	30,190	26,730	to 31,410
33-9092	Lifeguards, Ski Patrol & Other Recreational Protective Service	ST OJT	10.81	22,480	21,790	18,070	24,690	19,050	to 24,260
33-9093	Transportation Security Screeners	ST OJT	24.78	51,550	48,040	45,210	54,710	46,750	to 54,630
33-9098	School Bus Monitors & Other Protective Svc Workers	ST OJT	15.82	32,900	33,360	22,530	38,080	24,080	to 39,650
35-0000	Food Preparation & Serving Related Occupations	#	12.80	26,620	23,900	18,200	30,820	19,360	to 31,150
35-1011	Chefs & Head Cooks	WK EXP	31.39	65,280	61,360	47,740	74,060	53,320	to 76,280
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	17.31	36,010	33,990	24,800	41,620	27,780	to 41,730
35-2011	Cooks, Fast Food	ST OJT	12.07	25,100	23,950	20,020	27,640	21,150	to 28,680
35-2012	Cooks, Institution & Cafeteria	ST OJT	15.74	32,740	32,390	25,670	36,270	27,600	to 38,140
35-2014	Cooks, Restaurant	WK EXP	14.15	29,430	29,120	22,690	32,800	25,210	to 32,580
35-2015	Cooks, Short Order	ST OJT	11.93	24,810	20,510	18,220	28,110	18,450	to 30,840
35-2019	Cooks, Other	MT OJT	17.46	36,320	34,700	25,070	41,940	26,350	to 40,080

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LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA
 (Lehigh & Northampton Counties)
MAY 2020

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35-2021	Food Preparation Workers	ST OJT	12.50	25,990	24,050	19,580	29,200	20,610	to 29,190
35-3011	Bartenders	ST OJT	13.50	28,090	20,750	17,910	33,180	18,240	to 41,270
35-3023	Fast Food & Counter Workers	ST OJT	11.06	23,010	20,760	17,880	25,580	18,310	to 25,880
35-3031	Waiters & Waitresses	ST OJT	13.58	28,250	26,050	18,660	33,050	19,960	to 32,570
35-3041	Food Servers, Nonrestaurant	ST OJT	11.80	24,550	23,930	19,540	27,050	20,510	to 28,310
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	ST OJT	10.34	21,510	20,690	18,020	23,260	18,400	to 24,060
35-9021	Dishwashers	ST OJT	10.87	22,610	21,950	18,450	24,680	19,360	to 25,060
35-9031	Hosts & Hostesses: Restaurant, Lounge & Coffee Shop	ST OJT	9.92	20,630	19,650	18,010	21,940	17,900	to 22,500
37-0000	Building & Grounds Cleaning & Maintenance Occupations	#	16.46	34,250	29,750	22,210	40,270	24,100	to 39,060
37-1011	Supervisors - Housekeeping & Janitorial Workers	WK EXP	23.64	49,170	51,550	29,780	58,860	35,020	to 62,160
37-2011	Janitors & Cleaners	ST OJT	15.59	32,430	29,190	21,730	37,780	23,520	to 40,580
37-2012	Maids & Housekeeping Cleaners	ST OJT	12.92	26,880	25,400	21,250	29,700	22,060	to 30,600
37-2021	Pest Control Workers	MT OJT	19.23	40,000	38,630	33,240	43,370	34,450	to 44,610
37-3011	Landscaping & Groundskeeping Workers	ST OJT	16.30	33,910	31,680	25,940	37,900	27,240	to 38,130
37-3013	Tree Trimmers & Pruners	ST OJT	18.05	37,550	37,770	37,200	37,720	35,470	to 40,060
39-0000	Personal Care & Service Occupations	#	13.81	28,730	24,580	18,040	34,070	19,350	to 33,980

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LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA
 (Lehigh & Northampton Counties)
MAY 2020

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39-1098	Supervisors - Personal Svc/Entertain't/Recr'n Workers	WK EXP	19.74	41,060	38,720	26,130	48,530	29,210	to 51,420
39-2011	Animal Trainers	MT OJT	17.30	35,990	26,430	23,430	42,270	23,470	to 46,740
39-2021	Nonfarm Animal Caretakers	ST OJT	11.96	24,880	22,950	18,530	28,050	19,750	to 26,800
39-3031	Ushers, Lobby Attendants & Ticket Takers	ST OJT	10.23	21,270	19,080	17,790	23,010	17,470	to 22,450
39-3091	Amusement & Recreation Attendants	ST OJT	10.58	22,010	19,640	17,840	24,090	17,810	to 23,810
39-3093	Locker Room, Coatroom & Dressing Room Attendants	ST OJT	10.05	20,910	19,790	18,320	22,200	18,110	to 22,860
39-4021	Funeral Attendants	ST OJT	19.25	40,050	40,840	31,100	44,520	33,280	to 47,800
39-4031	Morticians, Undertakers & Funeral Directors	AD+	23.43	48,730	41,830	36,870	54,670	37,540	to 60,330
39-5012	Hairdressers, Hairstylists & Cosmetologists	PS	15.14	31,500	20,980	17,780	38,350	18,230	to 41,150
39-5092	Manicurists & Pedicurists	PS	13.05	27,150	19,730	17,720	31,860	17,830	to 28,880
39-5094	Skincare Specialists	PS	17.37	36,130	36,690	23,870	42,250	26,560	to 45,400
39-6011	Baggage Porters & Bellhops	ST OJT	13.23	27,530	26,050	22,470	30,060	22,960	to 31,080
39-7010	Tour & Travel Guides	MT OJT	11.02	22,920	22,060	18,530	25,120	19,860	to 24,350
39-9011	Childcare Workers	ST OJT	12.05	25,050	24,110	18,520	28,320	19,750	to 29,330
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	15.45	32,130	25,470	20,560	37,920	21,500	to 38,480
39-9032	Recreation Workers	ST OJT	13.74	28,590	27,840	19,660	33,050	21,420	to 33,140

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PENNSYLVANIA OCCUPATIONAL WAGES
LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA
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MAY 2020

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39-9041	Residential Advisors	ST OJT	15.24	31,700	30,430	24,690	35,210	26,750	to 35,550
41-0000	Sales & Related Occupations	#	21.26	44,220	29,630	20,470	56,090	22,100	to 50,550
41-1011	Supervisors - Retail Sales Workers	WK EXP	22.53	46,860	42,360	27,140	56,720	30,530	to 55,800
41-1012	Supervisors - Non-Retail Sales Workers	WK EXP	49.22	102,390	91,710	52,000	127,580	60,620	to 128,640
41-2011	Cashiers	ST OJT	11.48	23,870	23,000	18,370	26,620	19,540	to 27,150
41-2021	Counter & Rental Clerks	ST OJT	15.05	31,310	31,510	19,600	37,170	20,870	to 38,770
41-2022	Parts Salespersons	MT OJT	17.59	36,580	33,520	22,600	43,570	25,860	to 46,830
41-2031	Retail Salespersons	ST OJT	13.21	27,470	23,670	18,880	31,770	20,090	to 29,740
41-3011	Advertising Sales Agents	MT OJT	21.21	44,120	41,800	27,920	52,220	32,460	to 56,780
41-3021	Insurance Sales Agents	MT OJT	34.42	71,600	49,110	29,520	92,640	33,770	to 77,800
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	36.86	76,660	52,390	38,860	95,570	42,930	to 76,230
41-3041	Travel Agents	MT OJT	23.25	48,360	42,490	25,930	59,570	31,620	to 56,720
41-3091	Sales Representatives - Services	MT OJT	31.59	65,720	58,160	34,510	81,320	41,710	to 78,420
41-4011	Sales Representatives, Technical & Scientific Products	BD+	33.54	69,760	68,170	42,910	83,180	47,220	to 84,950
41-4012	Sales Representatives	MT OJT	40.84	84,950	66,410	35,630	109,610	40,230	to 97,970
41-9022	Real Estate Sales Agents	MT OJT	28.89	60,090	48,340	39,250	70,510	44,120	to 52,720

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PENNSYLVANIA OCCUPATIONAL WAGES
LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA
 (Lehigh & Northampton Counties)
MAY 2020

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage (\$)	Average Annual Wage (\$)	Median Annual Wage (\$)	Entry Annual Wage (\$)	Exper'd Annual Wage (\$)	Mid Range Annual Wage (\$)	
41-9031	Sales Engineers	BD+	45.85	95,380	86,620	61,300	112,410	69,200	to 115,760
41-9041	Telemarketers	ST OJT	13.69	28,480	24,670	22,320	31,560	22,440	to 28,000
41-9099	Sales & Related Workers, Other	ST OJT	14.41	29,980	26,850	22,770	33,590	23,180	to 34,550
43-0000	Office & Administrative Support Occupations	#	19.66	40,880	38,510	26,810	47,920	30,670	to 48,890
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	28.80	59,910	57,300	39,270	70,230	44,980	to 71,910
43-2011	Switchboard Operators	ST OJT	15.31	31,840	30,230	26,350	34,580	27,130	to 35,630
43-3011	Bill & Account Collectors	MT OJT	19.37	40,290	38,010	31,360	44,760	33,110	to 46,280
43-3021	Billing & Posting Clerks	MT OJT	19.80	41,190	40,550	31,400	46,090	34,330	to 47,880
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	19.98	41,560	41,110	26,980	48,850	31,680	to 50,050
43-3051	Payroll & Timekeeping Clerks	MT OJT	20.93	43,540	41,040	34,450	48,080	36,000	to 49,420
43-3061	Procurement Clerks	MT OJT	27.29	56,760	49,080	41,960	64,170	43,750	to 57,790
43-3071	Tellers	ST OJT	16.27	33,850	34,600	27,990	36,780	30,400	to 38,140
43-4011	Brokerage Clerks	MT OJT	23.91	49,740	48,490	37,700	55,760	40,910	to 58,250
43-4021	Correspondence Clerks	ST OJT	16.89	35,130	33,950	29,160	38,120	30,050	to 39,150
43-4031	Court, Municipal & License Clerks	LT OJT	25.78	53,630	47,480	32,960	63,970	36,320	to 68,470
43-4051	Customer Service Representatives	ST OJT	17.82	37,070	35,460	25,120	43,050	27,820	to 44,150

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PENNSYLVANIA OCCUPATIONAL WAGES
LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA
 (Lehigh & Northampton Counties)
MAY 2020

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43-4061	Eligibility Interviewers, Government Programs	MT OJT	26.63	55,390	54,210	46,950	59,610	47,870	to 62,720
43-4071	File Clerks	ST OJT	14.47	30,100	26,990	21,370	34,470	22,680	to 34,510
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	11.89	24,730	24,400	20,300	26,940	21,280	to 28,170
43-4111	Interviewers	ST OJT	18.29	38,040	37,840	27,290	43,420	31,150	to 45,510
43-4121	Library Assistants, Clerical	ST OJT	13.09	27,230	25,380	19,050	31,320	20,140	to 34,410
43-4131	Loan Interviewers & Clerks	ST OJT	20.28	42,190	42,490	32,780	46,890	35,750	to 48,880
43-4151	Order Clerks	PS	18.57	38,640	37,780	27,280	44,310	32,100	to 45,610
43-4161	Human Resources Assistants	AD	20.17	41,950	41,190	28,610	48,620	32,440	to 49,980
43-4171	Receptionists & Information Clerks	ST OJT	15.29	31,790	32,070	23,540	35,920	26,010	to 37,690
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	ST OJT	19.99	41,580	36,530	25,090	49,830	28,230	to 52,280
43-4199	Information & Record Clerks, Other	ST OJT	22.91	47,650	46,870	35,960	53,490	38,530	to 57,440
43-5011	Cargo & Freight Agents	ST OJT	24.40	50,740	45,590	36,840	57,690	38,350	to 62,630
43-5021	Couriers & Messengers	ST OJT	15.56	32,360	31,550	26,110	35,490	27,520	to 37,260
43-5031	Police, Fire & Ambulance Dispatchers	MT OJT	23.66	49,220	49,210	39,180	54,230	41,870	to 57,850
43-5032	Dispatchers	MT OJT	20.01	41,620	41,560	28,030	48,420	31,890	to 52,070
43-5041	Meter Readers, Utilities	ST OJT	24.77	51,530	49,900	36,260	59,170	38,570	to 62,070

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PENNSYLVANIA OCCUPATIONAL WAGES
LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA
 (Lehigh & Northampton Counties)
MAY 2020

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43-5051	Postal Service Clerks	ST OJT	25.52	53,080	51,160	42,040	58,610	46,030	to 62,990
43-5052	Postal Service Mail Carriers	ST OJT	25.64	53,330	51,810	38,780	60,610	39,980	to 65,030
43-5053	Postal Service Mail Sorters, Processors & Processing Machine Operators	ST OJT	24.04	50,000	48,200	36,400	56,800	37,770	to 62,730
43-5061	Production, Planning & Expediting Clerks	MT OJT	22.28	46,350	41,800	34,710	52,170	36,410	to 56,470
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	18.22	37,900	37,080	25,730	43,980	28,370	to 46,240
43-5111	Weighers, Measurers, Checkers & Samplers, Recordkeeping	ST OJT	17.15	35,680	36,880	23,550	41,740	27,660	to 44,580
43-6011	Executive Secretaries & Executive Administrative Assistants	WK EXP	31.07	64,630	57,100	41,050	76,420	46,440	to 70,710
43-6012	Legal Secretaries	MT OJT	22.77	47,370	43,340	35,500	53,310	37,340	to 58,250
43-6013	Medical Secretaries	MT OJT	17.24	35,860	35,120	28,750	39,420	30,370	to 40,250
43-6014	Secretaries	ST OJT	18.86	39,240	39,050	27,650	45,030	31,730	to 47,450
43-9021	Data Entry Keyers	ST OJT	16.32	33,940	34,670	24,730	38,540	26,700	to 39,510
43-9022	Word Processors & Typists	ST OJT	19.55	40,660	39,750	34,010	43,980	35,420	to 46,580
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	23.74	49,380	47,730	38,090	55,030	41,830	to 53,990
43-9051	Mail Clerks & Mail Machine Operators	ST OJT	16.01	33,290	33,640	21,510	39,190	23,350	to 40,740
43-9061	Office Clerks, General	ST OJT	18.38	38,240	36,860	24,710	45,000	29,040	to 46,090
43-9071	Office Machine Operators	ST OJT	17.60	36,620	36,660	26,170	41,840	30,170	to 43,380

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PENNSYLVANIA OCCUPATIONAL WAGES
LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA
 (Lehigh & Northampton Counties)
MAY 2020

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43-9199	Office & Administrative Support Workers, Other	ST OJT	18.92	39,350	35,320	26,410	45,820	28,620	to 50,090
45-0000	Farming, Fishing & Forestry Occupations	#	19.58	40,730	38,380	28,440	46,880	33,620	to 47,740
45-2092	Farmworkers & Laborers, Crop, Nursery & Greenhouse	ST OJT	16.65	34,640	36,400	24,610	39,650	30,270	to 40,590
47-0000	Construction & Extraction Occupations	#	25.88	53,840	50,800	35,460	63,030	39,860	to 63,180
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	37.24	77,460	73,320	51,700	90,350	57,880	to 88,640
47-2021	Brickmasons & Blockmasons	LT OJT	28.85	60,010	61,900	39,540	70,240	45,600	to 73,810
47-2022	Stonemasons	LT OJT	15.49	32,220	34,460	18,400	39,130	19,530	to 37,980
47-2031	Carpenters	LT OJT	22.98	47,790	46,040	32,670	55,350	36,710	to 56,310
47-2044	Tile & Marble Setters	LT OJT	21.21	44,110	37,860	19,400	56,470	19,000	to 50,830
47-2051	Cement Masons & Concrete Finishers	MT OJT	25.15	52,310	47,740	34,990	60,970	41,560	to 59,120
47-2061	Construction Laborers	ST OJT	22.00	45,760	43,180	32,610	52,330	35,610	to 54,790
47-2071	Paving, Surfacing & Tamping Equipment Operators	MT OJT	27.58	57,360	58,050	44,200	63,930	50,140	to 64,600
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	27.75	57,720	51,830	41,430	65,860	44,280	to 66,370
47-2111	Electricians	LT OJT	27.84	57,910	57,160	45,480	64,120	50,210	to 63,000
47-2141	Painters, Construction & Maintenance	MT OJT	21.60	44,940	43,920	33,140	50,840	36,300	to 51,770
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	28.89	60,090	58,980	44,440	67,910	50,450	to 66,280

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LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA
 (Lehigh & Northampton Counties)
MAY 2020

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47-2181	Roofers	MT OJT	21.17	44,030	41,120	35,400	48,350	36,370	to 51,020
47-2211	Sheet Metal Workers	LT OJT	35.01	72,830	77,270	45,680	86,400	52,950	to 92,020
47-2221	Structural Iron & Steel Workers	LT OJT	29.76	61,910	61,270	38,070	73,830	43,910	to 79,770
47-3012	Helpers--Carpenters	ST OJT	18.44	38,360	33,350	26,700	44,190	28,200	to 42,540
47-3013	Helpers--Electricians	ST OJT	16.41	34,140	33,710	27,230	37,590	29,000	to 38,830
47-4011	Construction & Building Inspectors	WK EXP	28.70	59,690	58,380	44,210	67,430	49,510	to 66,520
47-4041	Hazardous Materials Removal Workers	MT OJT	26.45	55,010	56,790	46,540	59,250	51,620	to 61,640
47-4051	Highway Maintenance Workers	MT OJT	26.71	55,570	56,610	44,420	61,140	49,400	to 62,800
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	MT OJT	24.78	51,550	51,430	45,870	54,390	46,080	to 57,820
47-4090	Miscellaneous Construction & Related Workers	MT OJT	18.22	37,890	34,880	28,710	42,480	30,050	to 39,790
47-5022	Excavating & Loading Machine Oprs, Surface Mining	WK EXP	21.32	44,350	44,180	35,140	48,950	37,550	to 50,790
49-0000	Installation, Maintenance & Repair Occupations	#	25.46	52,950	51,620	33,690	62,580	39,210	to 64,020
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	35.81	74,490	72,240	54,860	84,300	60,290	to 88,790
49-2011	Computer, Automated Teller & Office Machine Repairers	PS	20.47	42,580	40,960	29,420	49,170	31,820	to 50,590
49-2022	Telecommunications Equipment Installers & Repairers	PS+	34.44	71,640	73,230	50,670	82,130	58,000	to 85,980
49-2092	Electric Motor, Power Tool & Related Repairers	WK EXP	24.53	51,020	48,970	36,850	58,110	41,950	to 61,360

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PENNSYLVANIA OCCUPATIONAL WAGES
LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA
 (Lehigh & Northampton Counties)
MAY 2020

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49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	PS+	26.69	55,520	56,240	41,490	62,540	45,680	to 64,700
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation & Relay	PS	39.95	83,100	85,530	67,050	91,130	72,240	to 97,040
49-2098	Security & Fire Alarm Systems Installers	MT OJT	24.47	50,890	51,650	35,640	58,510	40,580	to 60,980
49-3011	Aircraft Mechanics & Service Technicians	PS	30.90	64,270	62,670	48,770	72,020	53,930	to 76,290
49-3021	Automotive Body & Related Repairers	LT OJT	21.48	44,680	44,120	34,420	49,810	37,240	to 50,360
49-3023	Automotive Service Technicians & Mechanics	PS	21.35	44,400	44,550	29,300	51,950	34,780	to 53,970
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	23.59	49,070	48,930	40,590	53,310	42,960	to 55,720
49-3042	Mobile Heavy Equipment Mechanics	LT OJT	25.13	52,280	52,100	41,750	57,540	44,210	to 60,850
49-3051	Motorboat Mechanics & Service Technicians	LT OJT	12.52	26,040	26,780	17,620	30,260	18,850	to 29,940
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	MT OJT	14.41	29,970	28,930	18,580	35,670	19,420	to 36,840
49-3093	Tire Repairers & Changers	ST OJT	14.38	29,920	28,750	24,590	32,590	25,880	to 31,610
49-9011	Mechanical Door Repairers	MT OJT	17.97	37,390	37,120	29,470	41,340	31,260	to 43,930
49-9012	Control & Valve Installers & Repairers	MT OJT	27.43	57,040	56,610	36,220	67,460	45,030	to 64,190
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	24.21	50,350	49,250	36,270	57,390	39,390	to 59,900
49-9041	Industrial Machinery Mechanics	LT OJT	27.96	58,160	58,250	45,480	64,500	49,990	to 65,210
49-9043	Maintenance Workers, Machinery	LT OJT	26.95	56,060	56,680	38,470	64,860	44,590	to 69,500

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PENNSYLVANIA OCCUPATIONAL WAGES
LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA
 (Lehigh & Northampton Counties)
MAY 2020

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49-9044	Millwrights	LT OJT	26.59	55,300	55,690	42,750	61,580	46,520	to 62,660
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	38.95	81,020	83,460	54,910	94,070	65,170	to 99,550
49-9071	Maintenance & Repair Workers, General	MT OJT	23.22	48,300	47,240	30,770	57,070	35,520	to 60,530
49-9091	Coin, Vending & Amusement Machine Servicers & Repairers	ST OJT	16.63	34,580	31,750	21,120	41,320	24,420	to 45,720
49-9098	Helpers--Installation, Maintenance & Repair Workers	ST OJT	14.24	29,620	28,910	19,780	34,540	20,340	to 35,210
49-9099	Installation, Maintenance & Repair Workers, Other	MT OJT	20.85	43,370	38,840	30,470	49,820	33,320	to 53,610
51-0000	Production Occupations	#	20.54	42,720	40,820	27,820	50,180	31,320	to 51,960
51-1011	Supervisors - Production & Operating Workers	WK EXP	31.43	65,370	64,080	45,650	75,240	52,750	to 78,660
51-2028	Electrical, Electronic & Electromechanical Assemblers, Except Coil Winders, Tapers & Finishers	MT OJT	20.79	43,240	41,690	33,390	48,160	35,800	to 50,200
51-2041	Structural Metal Fabricators & Fitters	MT OJT	20.50	42,650	42,730	33,910	47,020	36,240	to 49,090
51-2090	Misc. Assemblers & Fabricators	MT OJT	20.13	41,870	41,740	26,800	49,400	30,620	to 53,370
51-3011	Bakers	LT OJT	14.64	30,440	28,670	20,780	35,280	22,410	to 38,140
51-3021	Butchers & Meat Cutters	LT OJT	15.97	33,220	33,360	23,150	38,250	25,560	to 39,340
51-3022	Meat, Poultry & Fish Cutters & Trimmers	ST OJT	15.84	32,940	31,550	28,820	35,000	28,610	to 36,830
51-3092	Food Batchmakers	MT OJT	21.39	44,500	45,440	31,120	51,190	34,920	to 52,820
51-4021	Extruding & Drawing Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	20.12	41,840	42,490	33,820	45,860	36,050	to 48,500

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 (Lehigh & Northampton Counties)
MAY 2020

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51-4031	Cutting, Punching & Press Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	19.47	40,500	38,990	32,130	44,680	33,900	to 47,310
51-4033	Grinding, Lapping, Polishing & Buffing Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	17.19	35,760	36,180	25,750	40,760	27,900	to 41,820
51-4041	Machinists	LT OJT	23.56	49,010	48,900	39,410	53,810	42,570	to 56,520
51-4061	Model Makers, Metal & Plastic	MT OJT	22.13	46,030	42,400	34,360	51,860	36,230	to 58,000
51-4071	Foundry Mold & Coremakers	MT OJT	17.88	37,190	36,800	28,940	41,310	32,640	to 40,970
51-4072	Molding, Coremaking & Casting Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	17.96	37,360	34,940	26,520	42,780	28,970	to 45,370
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	20.23	42,080	42,570	30,810	47,720	34,010	to 49,510
51-4111	Tool & Die Makers	PS+	24.93	51,850	51,100	38,780	58,380	42,000	to 61,170
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	21.27	44,250	44,540	34,410	49,160	37,700	to 50,450
51-4193	Plating & Coating Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	22.12	46,010	45,510	36,550	50,740	40,450	to 50,320
51-5111	Prepress Technician & Workers	PS	21.32	44,340	43,100	33,380	49,820	35,310	to 53,300
51-5112	Printing Press Operators	MT OJT	17.32	36,030	36,310	25,410	41,340	29,180	to 41,910
51-5113	Print Binding & Finishing Workers	MT OJT	16.75	34,840	35,830	30,530	36,990	32,930	to 38,730
51-6011	Laundry & Dry-Cleaning Workers	ST OJT	12.76	26,550	25,800	20,450	29,600	21,570	to 30,650
51-6031	Sewing Machine Operators	ST OJT	12.29	25,570	26,130	18,960	28,870	20,170	to 29,740
51-6052	Tailors, Dressmakers & Custom Sewers	MT OJT	17.22	35,810	36,420	32,660	37,380	33,600	to 39,230

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PENNSYLVANIA OCCUPATIONAL WAGES
LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA
 (Lehigh & Northampton Counties)
MAY 2020

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage (\$)	Average Annual Wage (\$)	Median Annual Wage (\$)	Entry Annual Wage (\$)	Exper'd Annual Wage (\$)	Mid Range Annual Wage (\$)	
51-6093	Upholsterers	MT OJT	19.48	40,530	39,710	21,070	50,260	23,440	to 48,810
51-6099	Textile, Apparel & Furnishings Workers, Other	ST OJT	17.57	36,550	30,680	28,360	40,640	28,080	to 46,400
51-7011	Cabinetmakers & Bench Carpenters	MT OJT	18.94	39,390	38,080	29,670	44,250	31,660	to 46,540
51-7021	Furniture Finishers	ST OJT	17.93	37,290	36,310	26,180	42,850	28,710	to 44,950
51-7041	Sawing Machine Setters, Operators & Tenders, Wood	MT OJT	19.54	40,650	42,570	30,120	45,910	33,640	to 48,680
51-7042	Woodworking Machine Setters, Operators & Tenders	MT OJT	18.28	38,020	37,240	27,590	43,230	29,920	to 45,960
51-8021	Stationary Engineers & Boiler Operators	LT OJT	28.96	60,230	60,440	51,120	64,780	55,040	to 65,850
51-8031	Water & Wastewater Treatment Plant & System Operators	LT OJT	28.41	59,090	59,160	48,190	64,540	52,520	to 65,750
51-9011	Chemical Equipment Operators & Tenders	MT OJT	26.45	55,010	56,130	42,240	61,390	47,320	to 62,790
51-9012	Separating, Filtering, Clarifying, Precipitating & Still Machine Setters, Operators & Tenders	MT OJT	20.21	42,040	38,100	29,830	48,140	31,610	to 55,580
51-9021	Crushing, Grinding & Polishing Machine Setters, Operators & Tenders	MT OJT	21.91	45,570	42,880	33,880	51,420	36,540	to 53,410
51-9022	Grinding & Polishing Workers, Hand	MT OJT	16.24	33,780	33,140	27,580	36,880	28,870	to 38,810
51-9023	Mixing & Blending Machine Setters, Operators & Tenders	MT OJT	22.23	46,250	45,710	31,470	53,640	34,620	to 58,460
51-9032	Cutting & Slicing Machine Setters, Operators & Tenders	MT OJT	19.82	41,230	42,250	34,320	44,680	36,310	to 47,490
51-9041	Extruding, Forming, Pressing & Compacting Machine Setters, Operators & Tenders	MT OJT	18.33	38,130	37,900	29,070	42,660	31,410	to 45,400
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	19.93	41,450	40,350	28,870	47,740	31,640	to 49,660

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51-9081	Dental Laboratory Technicians	MT OJT	21.64	45,020	45,880	34,530	50,260	40,830	to 50,810
51-9082	Medical Appliance Technicians	MT OJT	15.94	33,160	33,820	28,270	35,610	29,490	to 37,710
51-9083	Ophthalmic Laboratory Technicians	MT OJT	16.62	34,580	32,620	28,780	37,470	29,310	to 39,110
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	18.96	39,430	39,000	27,690	45,310	30,840	to 47,890
51-9124	Coating, Painting & Spraying Machine Oprs/Tenders	MT OJT	19.24	40,010	38,170	26,860	46,590	30,280	to 50,060
51-9141	Semiconductor Processors	MT OJT	20.30	42,230	40,120	35,650	45,520	36,100	to 48,160
51-9151	Photographic Process Workers & Processing Machine Operators	ST OJT	15.02	31,240	30,250	28,610	32,560	27,800	to 33,370
51-9161	CNC Tool Operators	MT OJT	19.51	40,580	37,960	30,500	45,620	32,950	to 46,210
51-9162	CNC Tool Programmers	PS	28.76	59,830	58,520	35,680	71,900	43,120	to 76,740
51-9191	Adhesive Bonding Machine Operators & Tenders	MT OJT	20.38	42,390	45,210	34,820	46,180	41,570	to 48,850
51-9195	Molders, Shapers & Casters, Except Metal & Plastic	LT OJT	18.35	38,160	36,620	28,810	42,830	30,810	to 44,280
51-9196	Paper Goods Machine Setters, Operators & Tenders	MT OJT	20.35	42,340	42,240	32,190	47,410	34,490	to 49,980
51-9198	Helpers--Production Workers	ST OJT	15.06	31,320	31,080	24,180	34,880	26,910	to 36,820
51-9199	Production Workers, Other	MT OJT	13.81	28,730	28,220	24,310	30,950	25,510	to 31,050
53-0000	Transportation & Material Moving Occupations	#	17.90	37,230	34,130	25,200	43,240	27,840	to 43,500
53-1041	Aircraft Cargo Handling Supervisors	WK EXP	29.47	61,300	60,540	43,730	70,080	47,930	to 76,030

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53-1047	Supervisors - Transportation & Material Moving Workers	WK EXP	30.76	63,990	62,460	40,950	75,510	47,900	to 79,920
53-3031	Driver/Sales Workers	ST OJT	11.01	22,910	19,660	18,290	25,210	18,020	to 25,570
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	23.56	49,020	48,520	38,690	54,180	42,100	to 56,680
53-3033	Light Truck or Delivery Services Drivers	ST OJT	17.79	37,010	31,200	22,270	44,380	24,260	to 46,850
53-3052	Bus Drivers, Transit & Intercity	MT OJT	19.40	40,350	34,510	25,820	47,620	28,410	to 56,670
53-3058	Passenger Vehicle Drivers	ST OJT	14.73	30,630	29,000	18,970	36,460	20,220	to 39,510
53-3099	Motor Vehicle Operators, Other	ST OJT	13.08	27,210	25,320	22,590	29,520	22,470	to 29,650
53-6021	Parking Lot Attendants	ST OJT	12.73	26,470	26,120	21,170	29,130	22,390	to 30,140
53-6031	Automotive & Watercraft Service Attendants	ST OJT	13.25	27,560	27,570	21,840	30,420	23,150	to 31,520
53-6041	Traffic Technicians	MT OJT	30.91	64,290	63,500	57,690	67,590	57,630	to 71,730
53-6051	Transportation Inspectors	MT OJT	49.30	102,540	106,290	61,840	122,890	68,400	to 128,280
53-7011	Conveyor Operators & Tenders	ST OJT	16.48	34,280	34,020	28,390	37,230	29,330	to 38,880
53-7021	Crane & Tower Operators	WK EXP	22.50	46,790	44,110	31,270	54,550	33,250	to 59,140
53-7051	Industrial Truck & Tractor Operators	ST OJT	19.43	40,420	38,180	32,970	44,140	34,160	to 43,980
53-7061	Cleaners of Vehicles & Equipment	ST OJT	12.63	26,280	24,430	20,680	29,080	21,510	to 29,750
53-7062	Laborers & Freight, Stock & Material Movers	ST OJT	16.29	33,890	31,790	26,920	37,370	28,180	to 38,340

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53-7063	Machine Feeders & Offbearers	ST OJT	17.93	37,290	37,240	33,830	39,030	34,280	to 40,200
53-7064	Packers & Packagers, Hand	ST OJT	14.08	29,290	27,950	22,760	32,560	24,110	to 32,130
53-7065	Stockers & Order Fillers	ST OJT	13.69	28,470	26,170	21,240	32,080	22,340	to 32,850
53-7081	Refuse & Recyclable Material Collectors	ST OJT	15.89	33,050	29,550	18,270	40,440	19,060	to 46,770

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