

**PENNSYLVANIA OCCUPATIONAL WAGES**  
**LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA**  
 (Lehigh & Northampton Counties)  
**PUBLISHED AS OF 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 (\$)	
<b>00-0000</b>	<b>Total, All Occupations</b>	#	23.22	48,300	38,070	23,240	60,840	26,780	to 58,880
<b>11-0000</b>	<b>Management Occupations</b>	#	55.83	116,120	102,330	61,810	143,270	74,450	to 136,560
11-1011	Chief Executives	BD+	104.39	217,120	#	97,040	277,160	116,420	to #
11-1021	General & Operations Managers	BD+	59.14	123,010	106,730	63,220	152,910	76,780	to 146,370
11-2021	Marketing Managers	BD+	67.41	140,210	128,770	75,230	172,700	89,970	to 179,950
11-2022	Sales Managers	BD+	63.35	131,770	130,470	66,190	164,560	81,940	to 164,800
11-2030	Public Relations & Fundraising Managers	BD+	51.61	107,340	94,780	63,670	129,180	69,980	to 126,740
11-3010	Administrative Services & Facilities Managers	BD+	55.43	115,290	102,290	70,450	137,710	80,480	to 130,010
11-3021	Computer & Information Systems Managers	BD+	62.37	129,720	121,750	85,480	151,840	94,760	to 158,040
11-3031	Financial Managers	BD+	71.86	149,470	124,740	83,470	182,460	97,730	to 181,250
11-3051	Industrial Production Managers	BD+	53.30	110,850	109,840	75,300	128,630	85,320	to 131,310
11-3061	Purchasing Managers	BD+	52.76	109,740	99,720	81,730	123,750	86,650	to 126,090
11-3071	Transportation, Storage & Distribution Managers	WK EXP	49.14	102,220	97,180	76,280	115,190	82,000	to 117,410
11-3111	Compensation & Benefits Managers	BD+	70.02	145,650	129,390	73,760	181,590	86,090	to 192,090
11-3121	Human Resources Managers	BD+	60.14	125,100	118,760	76,010	149,650	83,270	to 154,430
11-3131	Training & Development Managers	BD+	54.08	112,480	110,650	84,920	126,270	90,790	to 129,190

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11-9021	Construction Managers	BD	46.91	97,570	93,540	64,620	114,050	74,090	to 118,500
11-9031	Education Administrators, Preschool & Childcare Center/Program	BD+	18.99	39,490	37,680	35,310	41,580	34,630	to 43,370
11-9032	Education Administrators, Elementary & Secondary School	MD+	*	106,190	110,880	84,810	116,880	93,960	to 122,880
11-9033	Education Administrators, Postsecondary	MD+	47.00	97,760	85,210	62,150	115,560	69,190	to 108,460
11-9039	Education Administrators, Other	BD+	34.57	71,900	69,500	54,240	80,730	58,140	to 80,600
11-9041	Architectural & Engineering Managers	BD+	75.27	156,560	148,080	103,500	183,100	116,810	to 187,540
11-9051	Food Service Managers	WK EXP	33.64	69,980	63,240	44,670	82,630	50,830	to 86,170
11-9081	Lodging Managers	WK EXP	27.30	56,780	44,850	33,360	68,490	36,470	to 70,830
11-9111	Medical & Health Services Managers	BD+	41.54	86,400	81,690	55,370	101,910	62,360	to 102,390
11-9121	Natural Sciences Managers	BD+	74.11	154,150	140,010	95,660	183,390	105,960	to 179,920
11-9131	Postmasters & Mail Superintendents	WK EXP	36.65	76,240	75,220	63,720	82,500	68,930	to 83,990
11-9141	Property, Real Estate & Community Association Managers	WK EXP	47.68	99,180	96,880	54,430	121,560	62,940	to 125,360
11-9151	Social & Community Service Managers	BD+	31.11	64,710	61,270	47,530	73,310	53,270	to 76,390
11-9161	Emergency Management Directors	BD+	36.18	75,260	75,150	68,280	78,750	69,050	to 81,260
11-9198	Misc. Personal Svc, Entertainment & Other Managers	BD+	54.10	112,540	98,450	68,820	134,390	79,850	to 137,390
<b>13-0000</b>	<b>Business &amp; Financial Operations Occupations</b>	<b>#</b>	<b>35.44</b>	<b>73,710</b>	<b>64,730</b>	<b>43,730</b>	<b>88,690</b>	<b>50,530</b>	<b>to 86,910</b>

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13-1020	Buyers & Purchasing Agents	BD	30.08	62,580	59,220	43,920	71,910	47,530	to 74,120
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	34.32	71,390	72,110	47,890	83,130	53,920	to 87,350
13-1041	Compliance Officers	BD	31.31	65,120	62,630	42,780	76,290	48,200	to 78,200
13-1051	Cost Estimators	BD	32.72	68,050	60,210	39,650	82,260	46,670	to 84,590
13-1071	Human Resources Specialists	BD	30.67	63,790	58,150	40,470	75,450	44,920	to 77,270
13-1081	Logisticians	BD	35.63	74,110	72,990	51,880	85,220	57,930	to 87,730
13-1111	Management Analysts	BD+	44.61	92,790	83,450	59,750	109,310	64,260	to 109,140
13-1121	Meeting, Convention & Event Planners	BD	23.81	49,520	47,480	33,960	57,300	39,330	to 59,470
13-1131	Fundraisers	BD	30.88	64,240	59,070	40,960	75,870	46,380	to 80,340
13-1141	Compensation, Benefits & Job Analysis Specialists	BD+	31.86	66,270	62,590	42,870	77,960	52,030	to 77,390
13-1151	Training & Development Specialists	BD+	27.68	57,570	56,960	37,340	67,680	42,090	to 69,890
13-1161	Market Research Analysts & Marketing Specialists	BD	28.85	60,000	55,070	34,520	72,740	39,890	to 74,780
13-1198	Project Mgmt & Other Business Operations Specialists	BD	39.77	82,730	81,320	46,980	100,610	58,260	to 103,460
13-2011	Accountants & Auditors	BD	37.09	77,160	65,770	51,140	90,160	55,200	to 87,440
13-2020	Property Appraisers & Assessors	BD+	33.59	69,870	61,010	48,500	80,550	52,450	to 75,920
13-2031	Budget Analysts	BD	33.61	69,910	68,700	44,870	82,430	54,290	to 82,160

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13-2041	Credit Analysts	BD	37.24	77,470	70,300	51,300	90,550	56,050	to 93,630
13-2052	Personal Financial Advisors	BD+	69.65	144,870	106,360	50,490	192,050	60,470	to #
13-2053	Insurance Underwriters	BD	33.38	69,430	60,620	42,530	82,870	45,910	to 88,160
13-2061	Financial Examiners	BD+	30.09	62,580	59,230	48,800	69,470	52,130	to 72,240
13-2071	Credit Counselors	BD	25.71	53,470	43,540	33,180	63,620	35,730	to 63,940
13-2072	Loan Officers	BD	37.14	77,260	60,590	43,940	93,920	48,010	to 93,990
13-2081	Tax Examiners & Collectors & Revenue Agents	BD	28.88	60,070	54,270	24,220	77,990	20,210	to 79,470
13-2082	Tax Preparers	MT OJT	29.66	61,690	50,330	24,580	80,240	27,570	to 70,480
13-2098	Financial, Investment & Risk Specialists, All Other	BD	44.79	93,160	79,540	56,670	111,410	63,690	to 108,170
<b>15-0000</b>	<b>Computer &amp; Mathematical Occupations</b>	<b>#</b>	<b>37.84</b>	<b>78,710</b>	<b>71,500</b>	<b>45,430</b>	<b>95,350</b>	<b>53,280</b>	<b>to 97,780</b>
15-1211	Computer Systems Analysts	BD	43.17	89,800	86,790	59,770	104,820	68,400	to 106,150
15-1212	Information Security Analysts	BD+	41.71	86,760	84,350	56,240	102,020	66,940	to 102,960
15-1231	Computer Network Support Specialists	AD	30.89	64,260	57,580	42,570	75,110	46,020	to 75,070
15-1232	Computer User Support Specialists	PS	24.70	51,370	51,160	34,250	59,930	39,190	to 61,130
15-1241	Computer Network Architects	BD+	56.06	116,610	103,600	72,540	138,650	78,520	to 129,740
15-1244	Network & Computer Systems Administrators	BD	37.51	78,030	73,820	55,040	89,520	60,830	to 91,960

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15-1245	Database Administrators & Architects	BD	43.38	90,240	91,450	60,380	105,170	70,430	to 110,520
15-1251	Computer Programmers	BD	36.77	76,490	72,870	53,470	88,000	59,140	to 91,530
15-1256	Software Developers & QA Analysts	BD	47.38	98,550	89,900	65,550	115,050	72,760	to 118,210
15-1257	Web & Digital Interface Designers	AD	30.03	62,450	55,250	36,220	75,570	39,120	to 81,170
15-1299	Computer Occupations, All Other	BD	39.96	83,110	72,990	42,950	103,190	51,410	to 106,720
15-2011	Actuaries	BD+	61.97	128,900	129,540	97,530	144,580	114,760	to 155,910
15-2031	Operations Research Analysts	BD	41.28	85,860	84,480	54,760	101,420	60,930	to 112,100
15-2041	Statisticians	MD	37.38	77,740	74,950	46,350	93,440	56,330	to 99,330
<b>17-0000</b>	<b>Architecture &amp; Engineering Occupations</b>	<b>#</b>	<b>38.18</b>	<b>79,420</b>	<b>72,130</b>	<b>51,050</b>	<b>93,610</b>	<b>57,940</b>	<b>to 94,840</b>
17-1011	Architects	BD+	44.41	92,370	90,790	57,300	109,910	67,950	to 108,080
17-1012	Landscape Architects	BD+	27.72	57,660	63,020	39,540	66,720	42,120	to 73,110
17-1021	Cartographers & Photogrammetrists	BD	25.37	52,780	54,900	37,300	60,520	40,720	to 62,500
17-1022	Surveyors	BD+	29.17	60,680	60,320	40,020	71,010	46,360	to 73,650
17-2041	Chemical Engineers	BD	43.44	90,360	86,590	69,520	100,790	73,610	to 103,620
17-2051	Civil Engineers	BD	41.08	85,440	79,190	58,560	98,880	64,800	to 99,710
17-2061	Computer Hardware Engineers	BD	53.71	111,720	112,680	77,130	129,020	89,130	to 133,850

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17-2071	Electrical Engineers	BD	47.29	98,360	86,280	63,080	115,990	67,330	to 111,100
17-2072	Electronics Engineers	BD	55.85	116,170	108,310	74,750	136,880	83,290	to 148,850
17-2081	Environmental Engineers	BD	39.96	83,110	80,490	60,090	94,620	64,070	to 99,570
17-2111	Health & Safety Engineers	BD	51.19	106,490	109,890	67,040	126,210	78,880	to 127,360
17-2112	Industrial Engineers	BD	38.08	79,200	75,080	57,070	90,270	62,600	to 92,700
17-2131	Materials Engineers	BD	43.54	90,570	89,670	60,800	105,460	68,650	to 106,670
17-2141	Mechanical Engineers	BD	35.68	74,210	66,680	56,060	83,290	58,460	to 87,740
17-2199	Engineers, Other	BD	45.48	94,590	91,560	59,730	112,020	64,190	to 112,610
17-3011	Architectural & Civil Drafters	AD	26.46	55,030	55,950	39,720	62,690	46,880	to 63,310
17-3012	Electrical & Electronics Drafters	AD	32.65	67,920	70,710	51,750	76,000	59,120	to 78,100
17-3013	Mechanical Drafters	AD	30.37	63,170	60,090	40,080	74,710	45,970	to 83,150
17-3019	Drafters, Other	AD	25.36	52,740	49,950	36,040	61,090	37,250	to 66,700
17-3022	Civil Engineering Technicians	AD	28.41	59,100	59,180	45,450	65,920	51,200	to 66,800
17-3023	Electrical & Electronic Engineering Technicians	AD	29.71	61,790	64,980	43,610	70,880	50,450	to 73,080
17-3025	Environmental Engineering Technicians	AD	27.44	57,070	54,250	44,710	63,250	46,240	to 68,670
17-3026	Industrial Engineering Technicians	AD	28.87	60,040	60,160	42,260	68,930	48,250	to 71,810

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17-3027	Mechanical Engineering Technicians	AD	27.58	57,380	57,990	39,200	66,460	45,510	to 69,750
17-3031	Surveying & Mapping Technicians	MT OJT	29.44	61,240	58,910	48,980	67,380	52,870	to 66,750
17-3098	Calibration & Engineering Techs, All Other	AD	26.00	54,090	49,900	35,530	63,360	38,110	to 63,040
<b>19-0000</b>	<b>Life, Physical &amp; Social Science Occupations</b>	<b>#</b>	<b>31.80</b>	<b>66,140</b>	<b>60,350</b>	<b>37,470</b>	<b>80,480</b>	<b>44,180</b>	<b>to 80,850</b>
19-1012	Food Scientists & Technologists	BD	40.11	83,430	79,410	60,550	94,870	66,810	to 104,810
19-1021	Biochemists & Biophysicists	PhD	39.99	83,190	82,290	61,540	94,010	69,450	to 98,940
19-1022	Microbiologists	BD	29.57	61,500	60,310	55,800	64,350	55,270	to 67,490
19-1031	Conservation Scientists	BD	31.01	64,510	65,460	49,420	72,050	55,030	to 77,110
19-1042	Medical Scientists	PhD	45.67	94,990	82,990	67,120	108,920	70,700	to 117,420
19-2031	Chemists	BD	35.41	73,660	68,040	51,470	84,750	55,880	to 89,440
19-2041	Environmental Scientists & Specialists	BD	35.66	74,180	71,680	58,170	82,180	61,890	to 80,280
19-2042	Geoscientists	BD	28.66	59,610	58,090	35,870	71,480	38,090	to 69,040
19-3011	Economists	MD	46.72	97,170	97,900	83,190	104,160	86,810	to 105,950
19-3031	Clinical, Counseling & School Psychologists	PhD	43.30	90,070	80,670	56,950	106,620	63,400	to 97,450
19-3051	Urban & Regional Planners	MD	38.19	79,440	79,710	43,360	97,480	52,980	to 109,330
19-4010	Agricultural & Food Science Technicians	AD+	21.44	44,590	41,070	32,600	50,580	34,580	to 52,090

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19-4021	Biological Technicians	BD	18.53	38,550	37,620	30,020	42,820	31,480	to 44,980
19-4031	Chemical Technicians	AD+	22.14	46,060	46,770	29,580	54,300	35,950	to 57,340
19-4042	Environmental Science & Protection Technicians	AD	19.58	40,720	38,190	28,310	46,930	30,220	to 48,260
19-4045	Geological & Hydrologic Technicians	AD+	22.42	46,630	44,050	33,470	53,210	35,860	to 58,140
19-4061	Social Science Research Assistants	BD	21.31	44,320	40,360	35,330	48,810	36,190	to 52,820
19-4099	Life, Physical & Social Science Technicians, Other	AD	23.91	49,730	52,560	32,030	58,590	42,920	to 60,480
19-5011	Occupational Health & Safety Specialists	BD	34.21	71,150	67,830	50,990	81,230	55,230	to 87,630
19-5012	Occupational Health & Safety Technicians	MT OJT	24.54	51,040	48,820	36,820	58,150	41,070	to 60,020
<b>21-0000</b>	<b>Community &amp; Social Services Occupations</b>	<b>#</b>	<b>23.11</b>	<b>48,080</b>	<b>44,570</b>	<b>31,060</b>	<b>56,590</b>	<b>34,840</b>	<b>to 59,380</b>
21-1012	Educational, Guidance, School & Vocational Counselors	MD	32.35	67,290	63,550	45,410	78,230	53,490	to 87,220
21-1013	Marriage & Family Therapists	MD+	25.36	52,750	49,110	39,650	59,290	41,810	to 61,550
21-1015	Rehabilitation Counselors	MD	17.56	36,520	33,950	22,930	43,320	25,350	to 44,190
21-1018	Substance Abuse, Behavioral Disorder & Mental Health Counselors	BD	23.57	49,020	47,680	33,970	56,550	37,490	to 58,760
21-1021	Child, Family & School Social Workers	BD	22.66	47,120	43,970	30,950	55,210	34,740	to 60,800
21-1022	Healthcare Social Workers	MD+	25.92	53,910	53,210	41,580	60,080	45,560	to 61,600
21-1023	Mental Health & Substance Abuse Social Workers	MD+	18.20	37,860	36,480	31,770	40,900	33,190	to 39,950

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21-1029	Social Workers, Other	BD	37.05	77,060	77,060	59,220	85,990	63,040	to 90,620
21-1091	Health Educators	BD	28.36	58,990	58,590	40,650	68,160	46,310	to 71,860
21-1092	Probation Officers & Correctional Treatment Specialists	BD	30.64	63,730	63,020	49,000	71,090	52,770	to 75,200
21-1093	Social & Human Service Assistants	ST OJT	17.96	37,350	36,300	28,660	41,700	31,650	to 42,830
21-1094	Community Health Workers	ST OJT	18.85	39,200	38,710	26,480	45,560	31,090	to 48,880
21-1099	Community & Social Service Specialists, Other	BD	19.25	40,040	38,590	34,830	42,640	34,850	to 45,290
21-2011	Clergy	BD	23.02	47,890	40,230	34,580	54,540	35,360	to 50,550
21-2021	Directors, Religious Activities & Education	BD+	19.40	40,350	30,680	19,570	50,730	21,700	to 45,720
<b>23-0000</b>	<b>Legal Occupations</b>	<b>#</b>	<b>36.64</b>	<b>76,210</b>	<b>56,630</b>	<b>37,810</b>	<b>95,410</b>	<b>41,440</b>	<b>to 93,520</b>
23-1011	Lawyers	PROF	52.53	109,270	92,440	55,140	136,330	63,250	to 129,480
23-1021	Administrative Law Judges, Adjudicators & Hearing Officers	PhD	32.81	68,240	58,470	46,130	79,290	49,030	to 76,790
23-2011	Paralegals & Legal Assistants	AD	23.09	48,040	40,720	34,360	54,870	35,660	to 56,480
23-2093	Title Examiners, Abstractors & Searchers	MT OJT	21.10	43,890	45,950	35,070	48,300	41,620	to 50,290
23-2099	Legal Support Workers, Other	AD	49.25	102,430	95,860	77,710	114,790	88,520	to 126,790
<b>25-0000</b>	<b>Education, Training &amp; Library Occupations</b>	<b>#</b>	<b>30.91</b>	<b>64,280</b>	<b>61,660</b>	<b>30,030</b>	<b>81,410</b>	<b>37,270</b>	<b>to 86,190</b>
25-1021	Computer Science Teachers, Postsecondary	PhD	*	99,690	86,220	52,160	123,460	60,510	to 124,080

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**PENNSYLVANIA OCCUPATIONAL WAGES**  
**LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA**  
 (Lehigh & Northampton Counties)  
**MAY 2019**

<b>SOC Code</b>	<b>Occupational Title</b>	<b>Educ. Level</b>	<b>Average Hourly Wage (\$)</b>	<b>Average Annual Wage (\$)</b>	<b>Median Annual Wage (\$)</b>	<b>Entry Annual Wage (\$)</b>	<b>Exper'd Annual Wage (\$)</b>	<b>Mid Range Annual Wage (\$)</b>	
25-1022	Mathematical Science Teachers, Postsecondary	PhD	*	93,810	83,980	48,430	116,500	58,190	to 108,750
25-1042	Biological Science Teachers, Postsecondary	PhD	*	95,180	86,610	57,430	114,060	64,840	to 115,670
25-1051	Atmospheric, Earth, Marine & Space Sciences Teachers, Postsecondary	PhD	*	113,610	93,590	64,120	138,350	74,460	to 122,090
25-1052	Chemistry Teachers, Postsecondary	PhD	*	93,310	83,330	53,610	113,160	61,780	to 111,230
25-1054	Physics Teachers, Postsecondary	PhD	*	100,080	89,750	59,800	120,220	65,880	to 119,180
25-1061	Anthropology & Archeology Teachers, Postsecondary	PhD	*	97,380	92,520	76,820	107,670	81,050	to 107,610
25-1063	Economics Teachers, Postsecondary	PhD	*	148,990	107,770	72,530	187,220	86,060	to #
25-1065	Political Science Teachers, Postsecondary	PhD	*	112,450	97,210	64,100	136,620	75,920	to 132,440
25-1066	Psychology Teachers, Postsecondary	PhD	*	99,350	84,230	51,680	123,190	60,610	to 112,270
25-1067	Sociology Teachers, Postsecondary	PhD	*	81,960	72,710	44,580	100,650	51,050	to 99,320
25-1071	Health Specialties Teachers, Postsecondary	PhD	*	78,600	70,060	44,580	95,610	52,700	to 95,050
25-1072	Nursing Instructors & Teachers, Postsecondary	PhD	*	80,100	75,050	50,850	94,720	60,910	to 93,370
25-1121	Art, Drama & Music Teachers, Postsecondary	MD	*	89,300	75,500	48,490	109,710	56,820	to 100,390
25-1123	English Language & Literature Teachers, Postsecondary	PhD	*	83,800	75,500	45,290	103,050	52,480	to 103,560
25-1124	Foreign Language & Literature Teachers, Postsecondary	PhD	*	82,440	75,410	46,900	100,210	56,000	to 99,690
25-1125	History Teachers, Postsecondary	PhD	*	95,230	86,350	54,270	115,710	64,150	to 110,510

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25-1126	Philosophy & Religion Teachers, Postsecondary	PhD	*	88,910	80,900	54,450	106,140	63,760	to 103,530
25-1194	Vocational Education Teachers, Postsecondary	BD+	22.41	46,620	44,950	33,400	53,220	37,860	to 51,540
25-2011	Preschool Teachers	AD	15.23	31,680	28,720	20,620	37,210	22,580	to 38,870
25-2012	Kindergarten Teachers	BD+	*	78,440	82,980	58,400	88,460	66,520	to 94,290
25-2021	Elementary School Teachers	BD+	*	77,310	78,920	58,870	86,520	64,190	to 92,630
25-2022	Middle School Teachers	BD+	*	63,320	63,050	36,990	76,490	51,380	to 84,650
25-2023	Career/Technical Education Teachers, Middle School	BD+	*	69,040	60,980	54,840	76,150	55,240	to 88,690
25-2031	Secondary School Teachers	BD+	*	71,330	73,450	47,980	83,010	55,730	to 89,700
25-2032	Career/Technical Education Teachers, Secondary School	BD+	*	72,930	71,810	48,650	85,070	55,150	to 89,990
25-2052	Special Education Teachers, Kindergarten & Elementary School	BD+	*	74,300	74,460	56,210	83,350	61,600	to 88,480
25-2057	Special Education Teachers, Middle School	BD+	*	77,460	81,350	59,450	86,460	65,000	to 92,330
25-2058	Special Education Teachers, Secondary School	BD+	*	69,820	69,040	49,500	79,980	55,050	to 86,370
25-2059	Special Education Teachers, Other	BD+	*	34,120	27,780	22,700	39,820	23,790	to 43,570
25-3011	Adult Basic & Secondary Education & Literacy Teachers & Instructors	BD+	24.03	49,970	49,660	43,530	53,190	44,510	to 55,460
25-3021	Self-Enrichment Education Teachers	WK EXP	14.91	31,020	25,950	19,320	36,860	20,750	to 39,380
25-3031	Substitute Teachers (Short-Term)	BD	20.06	41,730	30,800	23,830	50,690	26,170	to 37,860

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25-3097	Teachers & Instructors, Other	BD	*	42,740	29,970	27,000	50,600	27,390	to 55,650
25-4011	Archivists	MD	30.00	62,400	60,990	47,110	70,050	52,680	to 73,740
25-4012	Curators	MD	24.41	50,780	42,360	33,140	59,590	34,990	to 65,280
25-4013	Museum Technicians & Conservators	BD	17.28	35,940	36,120	32,520	37,650	33,250	to 38,980
25-4022	Librarians & Media Collections Specialists	MD	29.96	62,320	64,220	33,600	76,680	43,190	to 82,880
25-4031	Library Technicians	PS	16.68	34,700	32,040	21,800	41,140	23,170	to 44,650
25-9031	Instructional Coordinators	MD+	32.08	66,730	60,170	49,730	75,220	53,680	to 76,610
25-9044	Teaching Assistants, Postsecondary	BD	*	35,120	35,860	25,350	40,000	31,840	to 39,860
25-9045	Teaching Assistants, Non-Postsecondary	PS	*	28,780	29,100	19,000	33,660	20,480	to 36,300
25-9099	Education, Training & Library Workers, Other	BD	15.77	32,810	31,100	20,600	38,920	22,170	to 39,540
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports &amp; Media Occupations</b>	<b>#</b>	<b>23.36</b>	<b>48,590</b>	<b>43,520</b>	<b>22,910</b>	<b>61,420</b>	<b>27,640</b>	<b>to 60,340</b>
27-1011	Art Directors	BD+	39.54	82,240	76,670	46,990	99,870	55,340	to 101,170
27-1021	Commercial & Industrial Designers	BD	27.86	57,950	56,980	46,700	63,570	50,000	to 63,210
27-1023	Floral Designers	MT OJT	12.34	25,680	25,480	17,760	29,640	18,940	to 29,290
27-1024	Graphic Designers	BD	24.03	49,970	50,450	33,930	57,990	39,750	to 60,170
27-1025	Interior Designers	BD	24.49	50,930	46,550	32,920	59,930	40,550	to 59,610

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27-1026	Merchandise Displayers & Window Trimmers	ST OJT	17.30	35,990	34,550	26,090	40,940	28,040	to	43,410
27-2011	Actors	PS+	9.52	#	#	#	#	#	to	#
27-2012	Producers & Directors	BD+	38.26	79,590	54,550	26,560	106,100	36,630	to	87,550
27-2022	Coaches & Scouts	BD	*	36,270	31,110	18,720	45,050	20,200	to	42,330
27-2041	Music Directors & Composers	BD+	27.70	57,630	57,840	26,730	73,070	29,700	to	84,620
27-2042	Musicians & Singers	LT OJT	17.77	#	#	#	#	#	to	#
27-3011	Radio & Television Announcers	BD	18.74	38,970	30,470	23,410	46,750	27,130	to	57,320
27-3031	Public Relations Specialists	BD	31.42	65,360	60,890	38,920	78,590	45,630	to	80,000
27-3041	Editors	BD+	25.92	53,900	48,320	32,360	64,680	35,530	to	69,290
27-3042	Technical Writers	BD+	32.87	68,370	66,740	52,940	76,080	57,480	to	78,960
27-3043	Writers & Authors	BD+	29.61	61,590	59,860	47,780	68,490	50,900	to	70,450
27-3091	Interpreters & Translators	BD	26.90	55,940	57,580	43,250	62,290	49,720	to	63,650
27-4011	Audio & Video Equipment Technicians	PS	25.98	54,030	55,780	41,020	60,540	48,800	to	61,180
27-4021	Photographers	MT OJT	12.96	26,960	22,570	17,580	31,650	18,460	to	33,660
27-4031	Camera Operators: TV, Video & Motion Picture	BD	22.90	47,640	51,500	29,060	56,920	30,300	to	59,970
27-4032	Film & Video Editors	BD	36.20	75,290	73,790	57,400	84,230	60,760	to	83,360

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<b>29-0000</b>	<b>Healthcare Practitioners &amp; Technical Occupations</b>	<b>#</b>	<b>37.28</b>	<b>77,540</b>	<b>64,020</b>	<b>41,150</b>	<b>95,730</b>	<b>49,240</b>	<b>to 82,010</b>
29-1011	Chiropractors	PROF	43.00	89,430	92,930	60,360	103,970	62,570	to 106,610
29-1021	Dentists, General	PROF	79.22	164,770	138,180	86,200	204,060	96,680	to #
29-1031	Dietitians & Nutritionists	BD	30.12	62,660	61,820	50,090	68,940	53,160	to 73,780
29-1041	Optometrists	PROF	63.48	132,040	131,830	99,660	148,230	107,850	to 149,840
29-1051	Pharmacists	PROF	59.10	122,930	124,860	105,680	131,560	114,330	to 136,880
29-1071	Physician Assistants	MD	41.88	87,100	93,550	53,070	104,120	72,390	to 109,420
29-1081	Podiatrists	PROF	55.95	116,380	101,500	81,470	133,830	90,130	to 116,590
29-1122	Occupational Therapists	MD	39.76	82,710	77,190	65,850	91,130	68,340	to 93,330
29-1123	Physical Therapists	PhD	37.68	78,380	82,060	45,060	95,050	57,750	to 96,780
29-1125	Recreational Therapists	BD	22.47	46,750	47,650	26,490	56,870	35,010	to 61,480
29-1126	Respiratory Therapists	AD	27.69	57,590	57,340	44,250	64,260	48,920	to 65,960
29-1127	Speech-Language Pathologists	MD+	47.20	98,170	100,200	62,610	115,940	70,020	to 122,140
29-1131	Veterinarians	PROF	46.81	97,360	84,170	57,300	117,390	66,400	to 138,150
29-1141	Registered Nurses	BD	33.02	68,670	68,840	53,310	76,350	58,630	to 78,480
29-1151	Nurse Anesthetists	MD	77.12	160,420	160,840	137,260	172,000	144,070	to 184,890

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29-1171	Nurse Practitioners	MD	50.61	105,270	98,850	85,620	115,090	88,950	to 117,280
29-1215	Family Medicine Physicians	PROF	118.87	247,240	#	#	#	186,000	to #
29-1216	General Internal Medicine Physicians	PROF	106.93	222,420	#	115,650	275,810	153,860	to #
29-1223	Psychiatrists	PROF	94.76	197,110	190,120	95,410	247,960	101,390	to #
29-1228	Physicians & Ophthalmologists, All Other	PROF	92.59	192,580	198,150	63,590	257,080	64,310	to #
29-1292	Dental Hygienists	AD	32.15	66,880	67,430	58,310	71,160	60,810	to 74,640
29-2010	Clinical Laboratory Technologists & Technicians	BD	24.96	51,920	52,820	36,020	59,870	40,720	to 61,880
29-2031	Cardiovascular Technologists & Technicians	AD	31.05	64,580	66,680	39,240	77,250	45,260	to 82,310
29-2034	Radiologic Technologists	AD	25.62	53,290	52,280	42,020	58,930	44,780	to 61,200
29-2035	Magnetic Resonance Imaging Technologists	AD+	30.07	62,550	60,960	44,860	71,390	48,810	to 75,030
29-2040	Emergency Medical Technicians & Paramedics	PS	19.71	41,000	40,320	27,610	47,690	31,430	to 50,980
29-2052	Pharmacy Technicians	MT OJT	14.01	29,140	27,680	22,850	32,290	23,920	to 33,290
29-2055	Surgical Technologists	PS	21.82	45,380	44,450	35,920	50,110	38,300	to 50,890
29-2056	Veterinary Technologists & Technicians	AD	17.87	37,170	36,430	28,400	41,550	30,900	to 44,390
29-2057	Ophthalmic Medical Technicians	PS	16.96	35,290	35,600	26,400	39,730	29,120	to 42,090
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	24.39	50,740	50,310	43,230	54,500	44,610	to 57,800

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29-2081	Opticians, Dispensing	LT OJT	18.93	39,380	35,770	26,730	45,700	28,590	to 48,640
29-2091	Orthotists & Prosthetists	MD+	33.66	70,010	67,760	48,060	80,980	52,640	to 84,190
29-2098	Medical Dosimetrists, Records Specialists & Other Techs	PS	19.30	40,150	38,070	29,130	45,660	31,650	to 47,150
29-9091	Athletic Trainers	BD	*	46,700	45,060	36,070	52,020	38,590	to 52,780
29-9098	Health Info Techs, Surgical Asst's & Other HC Workers	PS	31.20	64,890	49,890	31,480	81,600	35,040	to 97,540
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>#</b>	<b>15.09</b>	<b>31,380</b>	<b>29,890</b>	<b>23,060</b>	<b>35,550</b>	<b>24,560</b>	<b>to 36,400</b>
31-1120	Home Health & Personal Care Aides	ST OJT	12.65	26,310	24,800	22,370	28,280	22,330	to 29,170
31-1131	Nursing Assistants	PS	15.82	32,900	32,380	27,450	35,630	28,670	to 37,240
31-1132	Orderlies	ST OJT	14.71	30,600	30,050	24,450	33,680	25,770	to 35,530
31-2011	Occupational Therapy Assistants	AD	27.23	56,640	57,370	44,940	62,490	48,910	to 64,050
31-2021	Physical Therapist Assistants	AD	27.28	56,750	56,410	42,380	63,930	47,390	to 67,930
31-2022	Physical Therapist Aides	ST OJT	14.11	29,350	28,630	24,790	31,630	26,050	to 31,080
31-9011	Massage Therapists	PS	20.62	42,890	43,470	29,890	49,380	35,300	to 49,910
31-9091	Dental Assistants	PS	20.21	42,030	40,600	33,870	46,110	35,670	to 48,190
31-9092	Medical Assistants	PS	17.07	35,510	34,630	27,690	39,420	30,290	to 38,890
31-9093	Medical Equipment Preparers	MT OJT	17.07	35,500	33,590	28,020	39,240	29,290	to 39,880

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31-9094	Medical Transcriptionists	PS	18.32	38,120	38,310	30,950	41,700	33,710	to 43,750
31-9095	Pharmacy Aides	ST OJT	11.03	22,930	22,820	20,690	24,060	20,960	to 24,750
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	ST OJT	11.93	24,810	24,350	19,310	27,560	20,680	to 28,720
31-9097	Phlebotomists	PS	17.22	35,810	35,600	30,200	38,620	31,850	to 39,490
31-9099	Healthcare Support Workers, Other	ST OJT	15.77	32,810	29,600	27,610	35,410	27,270	to 35,350
<b>33-0000</b>	<b>Protective Service Occupations</b>	<b>#</b>	<b>21.74</b>	<b>45,210</b>	<b>36,520</b>	<b>22,550</b>	<b>56,540</b>	<b>24,570</b>	<b>to 62,150</b>
33-1012	Supervisors - Police & Detectives	WK EXP	47.88	99,590	96,580	80,600	109,090	85,870	to 112,160
33-1021	Supervisors - Fire Fighting & Prevention	PS+	36.11	75,110	73,080	56,780	84,270	61,930	to 88,320
33-2011	Firefighters	PS+	30.05	62,510	68,240	34,810	76,360	45,830	to 78,130
33-3021	Detectives & Criminal Investigators	WK EXP	42.72	88,870	81,060	68,880	98,870	71,300	to 98,960
33-3041	Parking Enforcement Workers	ST OJT	15.28	31,780	32,390	27,430	33,960	29,080	to 35,700
33-3051	Police & Sheriff's Patrol Officers	MT OJT	33.85	70,400	70,140	50,010	80,600	54,790	to 83,350
33-9021	Private Detectives & Investigators	WK EXP	28.30	58,870	56,680	46,980	64,810	48,650	to 68,520
33-9032	Security Guards	ST OJT	13.24	27,550	25,440	22,190	30,220	22,550	to 30,680
33-9091	Crossing Guards	ST OJT	12.85	26,720	26,940	21,830	29,160	23,580	to 30,060
33-9092	Lifeguards, Ski Patrol & Other Recreational Protective Service	ST OJT	10.45	21,730	21,010	17,630	23,780	18,540	to 23,490

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33-9093	Transportation Security Screeners	ST OJT	23.45	48,780	45,270	42,930	51,700	43,980	to 51,330
33-9098	School Bus Monitors & Other Protective Svc Workers	ST OJT	15.38	31,990	32,900	21,370	37,300	23,990	to 38,380
<b>35-0000</b>	<b>Food Preparation &amp; Serving Related Occupations</b>	<b>#</b>	<b>12.16</b>	<b>25,300</b>	<b>22,800</b>	<b>17,760</b>	<b>29,060</b>	<b>18,820</b>	<b>to 29,590</b>
35-1011	Chefs & Head Cooks	WK EXP	31.82	66,190	60,990	46,660	75,950	51,580	to 83,670
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	16.44	34,210	31,710	21,540	40,540	24,770	to 39,910
35-2011	Cooks, Fast Food	ST OJT	11.31	23,530	22,990	19,280	25,650	20,450	to 25,660
35-2012	Cooks, Institution & Cafeteria	ST OJT	15.25	31,710	31,560	23,960	35,590	25,980	to 37,280
35-2014	Cooks, Restaurant	WK EXP	13.48	28,030	28,170	21,890	31,100	24,200	to 31,500
35-2015	Cooks, Short Order	ST OJT	11.95	24,860	24,220	17,720	28,420	18,600	to 30,200
35-2021	Food Preparation Workers	ST OJT	12.09	25,150	23,390	18,710	28,370	19,840	to 28,500
35-3011	Bartenders	ST OJT	11.19	23,270	19,470	17,580	26,110	17,650	to 27,780
35-3023	Fast Food & Counter Workers	ST OJT	10.68	22,210	20,150	17,680	24,480	18,030	to 24,880
35-3031	Waiters & Waitresses	ST OJT	12.64	26,280	24,050	17,800	30,530	19,100	to 30,920
35-3041	Food Servers, Nonrestaurant	ST OJT	11.34	23,580	22,500	18,000	26,370	19,130	to 26,700
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	ST OJT	9.64	20,060	19,380	17,720	21,230	17,680	to 21,980
35-9021	Dishwashers	ST OJT	10.52	21,880	21,360	17,810	23,910	18,680	to 24,310

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**PENNSYLVANIA OCCUPATIONAL WAGES**  
**LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA**  
 (Lehigh & Northampton Counties)  
**MAY 2019**

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 (\$)	
35-9031	Hosts & Hostesses: Restaurant, Lounge & Coffee Shop	ST OJT	9.83	20,440	19,540	17,750	21,790	17,790	to 22,380
<b>37-0000</b>	<b>Building &amp; Grounds Cleaning &amp; Maintenance Occupations</b>	<b>#</b>	<b>15.57</b>	<b>32,400</b>	<b>27,890</b>	<b>20,930</b>	<b>38,130</b>	<b>22,460</b>	<b>to 36,990</b>
37-1011	Supervisors - Housekeeping & Janitorial Workers	WK EXP	22.06	45,890	45,730	28,190	54,740	33,160	to 59,080
37-2011	Janitors & Cleaners	ST OJT	15.19	31,590	27,890	20,720	37,030	22,270	to 40,330
37-2012	Maids & Housekeeping Cleaners	ST OJT	11.92	24,800	23,450	19,110	27,640	20,260	to 28,600
37-2021	Pest Control Workers	MT OJT	18.36	38,180	36,090	29,650	42,450	31,370	to 44,190
37-3011	Landscaping & Groundskeeping Workers	ST OJT	14.99	31,180	29,510	23,420	35,060	25,120	to 35,390
37-3013	Tree Trimmers & Pruners	ST OJT	17.40	36,200	36,410	35,870	36,370	34,200	to 38,630
<b>39-0000</b>	<b>Personal Care &amp; Service Occupations</b>	<b>#</b>	<b>13.07</b>	<b>27,190</b>	<b>23,300</b>	<b>17,430</b>	<b>32,070</b>	<b>18,640</b>	<b>to 31,930</b>
39-1098	Supervisors - Personal Svc/Entertain't/Recr'n Workers	WK EXP	19.39	40,320	38,420	25,470	47,750	29,080	to 50,030
39-2021	Nonfarm Animal Caretakers	ST OJT	10.87	22,620	21,460	17,780	25,040	18,820	to 24,220
39-3031	Ushers, Lobby Attendants & Ticket Takers	ST OJT	10.67	22,180	19,420	17,680	24,440	17,630	to 24,390
39-3091	Amusement & Recreation Attendants	ST OJT	10.23	21,280	19,060	17,310	23,270	17,310	to 23,240
39-3093	Locker Room, Coatroom & Dressing Room Attendants	ST OJT	9.44	19,650	18,820	17,750	20,600	17,370	to 20,440
39-4021	Funeral Attendants	ST OJT	18.37	38,210	38,630	29,820	42,400	31,970	to 45,520
39-4031	Morticians, Undertakers & Funeral Directors	AD+	25.10	52,200	42,390	35,880	60,360	36,700	to 62,250

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**PENNSYLVANIA OCCUPATIONAL WAGES**  
**LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA**  
 (Lehigh & Northampton Counties)  
**MAY 2019**

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 (\$)	
39-5012	Hairdressers, Hairstylists & Cosmetologists	PS	14.24	29,630	21,990	17,370	35,760	17,960	to 38,200
39-5092	Manicurists & Pedicurists	PS	10.71	22,280	19,190	17,220	24,810	17,380	to 27,420
39-5094	Skincare Specialists	PS	16.95	35,260	35,610	23,090	41,350	25,760	to 44,150
39-6011	Baggage Porters & Bellhops	ST OJT	12.57	26,160	24,810	21,210	28,630	21,760	to 29,690
39-7010	Tour & Travel Guides	MT OJT	10.35	21,520	21,030	17,560	23,500	18,640	to 23,520
39-9011	Childcare Workers	ST OJT	11.44	23,800	22,850	17,630	26,890	18,890	to 28,120
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	14.55	30,270	27,170	19,710	35,550	21,150	to 36,930
39-9032	Recreation Workers	ST OJT	13.27	27,610	26,930	19,290	31,770	21,310	to 32,300
39-9041	Residential Advisors	ST OJT	13.48	28,040	27,320	22,040	31,050	23,730	to 30,390
<b>41-0000</b>	<b>Sales &amp; Related Occupations</b>	<b>#</b>	<b>18.92</b>	<b>39,360</b>	<b>26,720</b>	<b>19,290</b>	<b>49,390</b>	<b>20,620</b>	<b>to 45,600</b>
41-1011	Supervisors - Retail Sales Workers	WK EXP	20.28	42,190	39,470	25,090	50,740	28,600	to 51,620
41-1012	Supervisors - Non-Retail Sales Workers	WK EXP	46.79	97,320	74,840	48,740	121,620	56,110	to 120,020
41-2011	Cashiers	ST OJT	10.57	21,980	21,260	17,590	24,180	18,590	to 24,270
41-2021	Counter & Rental Clerks	ST OJT	13.87	28,850	28,220	19,650	33,440	21,620	to 33,340
41-2022	Parts Salespersons	MT OJT	17.20	35,770	34,360	23,070	42,120	26,900	to 44,560
41-2031	Retail Salespersons	ST OJT	12.50	26,010	22,640	17,840	30,090	19,020	to 28,490

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**PENNSYLVANIA OCCUPATIONAL WAGES**  
**LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA**  
 (Lehigh & Northampton Counties)  
**MAY 2019**

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41-3011	Advertising Sales Agents	MT OJT	18.96	39,440	38,640	20,710	48,810	23,790	to 53,180
41-3021	Insurance Sales Agents	MT OJT	34.56	71,890	49,010	32,180	91,750	37,040	to 81,420
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	28.31	58,880	47,860	34,180	71,230	38,110	to 64,740
41-3041	Travel Agents	MT OJT	19.57	40,700	32,360	25,000	48,550	28,380	to 47,560
41-3091	Sales Representatives - Services	MT OJT	29.49	61,330	54,180	29,860	77,070	35,640	to 72,660
41-4011	Sales Representatives, Technical & Scientific Products	BD+	42.32	88,030	79,770	58,340	102,880	63,500	to 102,260
41-4012	Sales Representatives	MT OJT	35.96	74,800	61,630	34,160	95,120	39,110	to 85,570
41-9011	Demonstrators & Product Promoters	ST OJT	21.61	44,960	45,980	34,380	50,250	39,430	to 50,940
41-9022	Real Estate Sales Agents	MT OJT	27.06	56,280	48,330	37,750	65,540	41,800	to 60,000
41-9031	Sales Engineers	BD+	49.48	102,920	96,030	65,300	121,740	74,930	to 128,390
41-9041	Telemarketers	ST OJT	12.59	26,180	23,310	21,040	28,750	21,240	to 25,610
41-9099	Sales & Related Workers, Other	ST OJT	13.92	28,960	25,630	22,940	31,980	22,840	to 33,220
<b>43-0000</b>	<b>Office &amp; Administrative Support Occupations</b>	<b>#</b>	<b>18.90</b>	<b>39,310</b>	<b>37,020</b>	<b>25,720</b>	<b>46,110</b>	<b>29,360</b>	<b>to 47,030</b>
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	28.23	58,710	56,580	38,300	68,910	43,430	to 70,860
43-2011	Switchboard Operators	ST OJT	14.26	29,660	28,960	25,240	31,860	26,060	to 33,480
43-3011	Bill & Account Collectors	MT OJT	18.13	37,720	35,630	28,310	42,420	30,770	to 41,720

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**PENNSYLVANIA OCCUPATIONAL WAGES**  
**LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA**  
 (Lehigh & Northampton Counties)  
**MAY 2019**

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43-3021	Billing & Posting Clerks	MT OJT	19.15	39,830	39,420	30,030	44,730	33,170	to 46,490
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	19.35	40,240	39,840	26,680	47,020	31,070	to 48,470
43-3051	Payroll & Timekeeping Clerks	MT OJT	20.49	42,610	40,090	33,060	47,390	34,790	to 49,020
43-3061	Procurement Clerks	MT OJT	21.48	44,690	44,310	36,420	48,830	38,850	to 50,090
43-3071	Tellers	ST OJT	15.39	32,000	32,330	26,900	34,550	28,420	to 36,310
43-4011	Brokerage Clerks	MT OJT	22.34	46,470	45,850	35,340	52,040	38,440	to 53,400
43-4031	Court, Municipal & License Clerks	LT OJT	23.05	47,940	44,710	30,460	56,680	34,340	to 60,720
43-4051	Customer Service Representatives	ST OJT	17.27	35,910	34,750	24,550	41,600	27,010	to 42,800
43-4061	Eligibility Interviewers, Government Programs	MT OJT	25.83	53,730	53,170	46,950	57,120	47,630	to 58,090
43-4071	File Clerks	ST OJT	15.11	31,420	29,810	21,840	36,210	23,920	to 37,720
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	11.36	23,630	23,320	20,170	25,360	20,990	to 25,860
43-4111	Interviewers	ST OJT	17.61	36,620	36,450	26,840	41,520	30,330	to 42,770
43-4121	Library Assistants, Clerical	ST OJT	12.62	26,250	24,160	18,180	30,280	19,380	to 32,570
43-4131	Loan Interviewers & Clerks	ST OJT	20.39	42,400	42,860	31,920	47,650	34,430	to 49,060
43-4151	Order Clerks	PS	17.79	37,000	36,700	26,220	42,390	31,830	to 42,830
43-4161	Human Resources Assistants	AD	18.49	38,470	37,000	27,130	44,130	30,340	to 44,720

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**PENNSYLVANIA OCCUPATIONAL WAGES**  
**LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA**  
 (Lehigh & Northampton Counties)  
**MAY 2019**

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43-4171	Receptionists & Information Clerks	ST OJT	15.22	31,660	32,350	23,910	35,530	26,610	to 37,170
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	ST OJT	21.24	44,170	40,530	24,070	54,220	27,080	to 63,070
43-4199	Information & Record Clerks, Other	ST OJT	23.02	47,890	46,350	36,350	53,660	39,210	to 57,790
43-5011	Cargo & Freight Agents	ST OJT	23.79	49,480	46,810	36,560	55,940	39,740	to 57,210
43-5021	Couriers & Messengers	ST OJT	15.48	32,200	30,950	26,040	35,280	27,330	to 36,430
43-5031	Police, Fire & Ambulance Dispatchers	MT OJT	23.75	49,400	49,210	42,760	52,720	43,770	to 55,000
43-5032	Dispatchers	MT OJT	20.52	42,670	39,660	28,040	49,990	32,120	to 55,240
43-5041	Meter Readers, Utilities	ST OJT	27.40	56,990	59,290	50,880	60,040	55,300	to 63,280
43-5051	Postal Service Clerks	ST OJT	25.39	52,810	56,960	42,360	58,030	44,930	to 60,750
43-5052	Postal Service Mail Carriers	ST OJT	25.57	53,190	56,980	38,190	60,690	38,060	to 64,410
43-5053	Postal Service Mail Sorters, Processors & Processing Machine Operators	ST OJT	23.66	49,220	58,470	35,030	56,310	35,770	to 60,750
43-5061	Production, Planning & Expediting Clerks	MT OJT	21.70	45,130	39,760	33,290	51,050	34,760	to 52,220
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	16.19	33,680	32,500	23,380	38,820	24,780	to 40,180
43-5111	Weighers, Measurers, Checkers & Samplers, Recordkeeping	ST OJT	16.93	35,220	35,890	29,150	38,260	32,420	to 39,200
43-6011	Executive Secretaries & Executive Administrative Assistants	WK EXP	30.22	62,850	56,000	40,070	74,240	45,470	to 67,830
43-6012	Legal Secretaries	MT OJT	20.32	42,270	39,450	32,020	47,400	33,980	to 50,540

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**PENNSYLVANIA OCCUPATIONAL WAGES**  
**LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA**  
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43-6013	Medical Secretaries	MT OJT	16.73	34,800	34,140	28,380	38,010	29,760	to 39,050
43-6014	Secretaries	ST OJT	18.14	37,730	37,470	26,610	43,290	30,530	to 45,340
43-9021	Data Entry Keyers	ST OJT	15.74	32,730	32,890	24,270	36,970	26,040	to 38,180
43-9022	Word Processors & Typists	ST OJT	18.64	38,780	38,010	31,420	42,460	33,440	to 44,710
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	21.24	44,180	44,190	34,550	49,000	37,680	to 50,110
43-9051	Mail Clerks & Mail Machine Operators	ST OJT	12.40	25,800	23,210	19,900	28,750	20,450	to 30,330
43-9061	Office Clerks, General	ST OJT	17.88	37,180	36,130	24,250	43,650	28,180	to 45,630
43-9071	Office Machine Operators	ST OJT	17.18	35,730	35,300	26,870	40,160	29,890	to 41,200
43-9111	Statistical Assistants	BD	22.45	46,700	41,180	36,700	51,700	36,600	to 53,580
43-9199	Office & Administrative Support Workers, Other	ST OJT	15.16	31,540	27,800	19,010	37,810	20,330	to 39,990
<b>45-0000</b>	<b>Farming, Fishing &amp; Forestry Occupations</b>	<b>#</b>	<b>17.68</b>	<b>36,780</b>	<b>32,180</b>	<b>21,380</b>	<b>44,480</b>	<b>24,140</b>	<b>to 46,060</b>
<b>47-0000</b>	<b>Construction &amp; Extraction Occupations</b>	<b>#</b>	<b>25.20</b>	<b>52,420</b>	<b>49,600</b>	<b>34,140</b>	<b>61,570</b>	<b>38,640</b>	<b>to 61,850</b>
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	35.33	73,490	71,900	50,400	85,030	56,280	to 91,390
47-2021	Brickmasons & Blockmasons	LT OJT	26.46	55,030	53,820	33,990	65,560	39,580	to 71,230
47-2022	Stonemasons	LT OJT	15.14	31,480	33,630	17,970	38,240	19,060	to 37,060
47-2031	Carpenters	LT OJT	22.00	45,760	44,560	31,720	52,780	35,280	to 54,160

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**PENNSYLVANIA OCCUPATIONAL WAGES**  
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47-2044	Tile & Marble Setters	LT OJT	22.33	46,460	41,210	27,940	55,710	33,390	to 55,540
47-2051	Cement Masons & Concrete Finishers	MT OJT	26.69	55,520	50,900	41,120	62,720	44,260	to 70,980
47-2061	Construction Laborers	ST OJT	22.05	45,870	42,260	32,460	52,570	35,460	to 53,960
47-2071	Paving, Surfacing & Tamping Equipment Operators	MT OJT	26.29	54,690	55,340	40,260	61,900	45,850	to 62,570
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	26.97	56,100	50,860	38,970	64,660	41,270	to 65,370
47-2111	Electricians	LT OJT	26.57	55,280	55,240	41,740	62,040	46,710	to 61,200
47-2141	Painters, Construction & Maintenance	MT OJT	20.32	42,270	40,350	33,080	46,870	35,090	to 49,060
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	27.92	58,070	53,410	39,380	67,420	43,510	to 70,710
47-2181	Roofers	MT OJT	22.05	45,870	45,560	34,620	51,500	37,890	to 53,420
47-2211	Sheet Metal Workers	LT OJT	32.43	67,450	71,310	40,130	81,110	46,140	to 87,670
47-2221	Structural Iron & Steel Workers	LT OJT	20.69	43,030	37,880	22,870	53,110	23,510	to 56,950
47-3012	Helpers--Carpenters	ST OJT	18.06	37,570	33,450	25,720	43,490	27,870	to 40,820
47-3013	Helpers--Electricians	ST OJT	14.76	30,690	31,750	20,700	35,690	24,140	to 37,450
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters & Steamfitters	ST OJT	11.85	24,640	24,720	20,650	26,640	21,710	to 28,400
47-4011	Construction & Building Inspectors	WK EXP	27.79	57,800	56,340	42,850	65,280	47,970	to 64,770
47-4031	Fence Erectors	MT OJT	17.32	36,030	36,180	32,160	37,960	32,960	to 39,390

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**PENNSYLVANIA OCCUPATIONAL WAGES**  
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47-4051	Highway Maintenance Workers	MT OJT	25.85	53,780	55,520	41,990	59,670	47,460	to 61,170
<b>49-0000</b>	<b>Installation, Maintenance &amp; Repair Occupations</b>	<b>#</b>	<b>24.35</b>	<b>50,650</b>	<b>49,120</b>	<b>31,670</b>	<b>60,140</b>	<b>37,090</b>	<b>to 61,370</b>
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	34.24	71,210	69,890	50,060	81,780	56,510	to 86,100
49-2011	Computer, Automated Teller & Office Machine Repairers	PS	16.41	34,140	30,490	22,110	40,150	25,100	to 42,890
49-2022	Telecommunications Equipment Installers & Repairers	PS+	30.88	64,240	64,150	41,010	75,850	46,540	to 81,500
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	PS+	29.08	60,490	59,480	46,880	67,290	50,610	to 69,680
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation & Relay	PS	41.27	85,850	86,600	74,650	91,450	76,960	to 96,330
49-2098	Security & Fire Alarm Systems Installers	MT OJT	26.36	54,830	54,680	41,130	61,680	46,400	to 60,880
49-3011	Aircraft Mechanics & Service Technicians	PS	29.91	62,210	60,550	47,960	69,330	52,520	to 73,220
49-3021	Automotive Body & Related Repairers	LT OJT	20.95	43,570	43,730	32,970	48,870	36,470	to 49,400
49-3023	Automotive Service Technicians & Mechanics	PS	20.82	43,300	42,570	29,400	50,250	34,070	to 52,370
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	23.62	49,130	49,110	38,540	54,420	41,450	to 57,490
49-3042	Mobile Heavy Equipment Mechanics	LT OJT	24.33	50,610	51,310	39,440	56,190	42,980	to 59,350
49-3051	Motorboat Mechanics & Service Technicians	LT OJT	12.28	25,550	25,990	17,060	29,790	17,990	to 29,160
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	MT OJT	11.68	24,300	26,240	16,990	27,950	18,010	to 29,170
49-3092	Recreational Vehicle Service Technicians	LT OJT	22.26	46,300	46,140	35,470	51,720	40,720	to 53,720

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**PENNSYLVANIA OCCUPATIONAL WAGES**  
**LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA**  
 (Lehigh & Northampton Counties)  
**MAY 2019**

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 (\$)	
49-3093	Tire Repairers & Changers	ST OJT	16.62	34,580	34,830	25,990	38,870	28,540	to 39,700
49-9011	Mechanical Door Repairers	MT OJT	18.44	38,360	38,720	30,870	42,110	32,690	to 45,050
49-9012	Control & Valve Installers & Repairers	MT OJT	28.20	58,660	59,160	46,380	64,800	52,680	to 67,930
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	23.27	48,400	47,570	35,970	54,610	39,320	to 56,440
49-9041	Industrial Machinery Mechanics	LT OJT	27.82	57,860	56,850	44,700	64,440	48,710	to 63,860
49-9043	Maintenance Workers, Machinery	LT OJT	24.91	51,800	51,090	35,750	59,830	39,540	to 63,880
49-9044	Millwrights	LT OJT	25.45	52,940	52,150	38,380	60,210	41,120	to 60,530
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	38.55	80,190	88,870	50,310	95,120	62,810	to 98,890
49-9052	Telecommunications Line Installers & Repairers	LT OJT	34.37	71,500	66,410	55,400	79,550	57,730	to 88,550
49-9071	Maintenance & Repair Workers, General	MT OJT	22.15	46,070	45,430	28,960	54,630	33,820	to 58,310
49-9091	Coin, Vending & Amusement Machine Servicers & Repairers	ST OJT	15.92	33,120	30,290	28,630	35,360	28,030	to 32,690
49-9098	Helpers--Installation, Maintenance & Repair Workers	ST OJT	14.31	29,760	28,000	20,920	34,180	24,500	to 31,780
49-9099	Installation, Maintenance & Repair Workers, Other	MT OJT	19.40	40,350	36,690	29,360	45,850	32,010	to 49,880
<b>51-0000</b>	<b>Production Occupations</b>	<b>#</b>	<b>19.68</b>	<b>40,930</b>	<b>38,510</b>	<b>26,470</b>	<b>48,160</b>	<b>29,880</b>	<b>to 49,880</b>
51-1011	Supervisors - Production & Operating Workers	WK EXP	30.54	63,530	61,990	42,630	73,970	49,530	to 76,960
51-2028	Electrical, Electronic & Electromechanical Assemblers, Except Coil Winders, Tapers & Finishers	MT OJT	18.43	38,330	37,540	30,950	42,010	33,230	to 43,810

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**PENNSYLVANIA OCCUPATIONAL WAGES**  
**LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA**  
 (Lehigh & Northampton Counties)  
**MAY 2019**

<b>SOC Code</b>	<b>Occupational Title</b>	<b>Educ. Level</b>	<b>Average Hourly Wage (\$)</b>	<b>Average Annual Wage (\$)</b>	<b>Median Annual Wage (\$)</b>	<b>Entry Annual Wage (\$)</b>	<b>Exper'd Annual Wage (\$)</b>	<b>Mid Range Annual Wage (\$)</b>	
51-2041	Structural Metal Fabricators & Fitters	MT OJT	20.01	41,610	41,960	33,580	45,630	35,870	to 47,830
51-2090	Misc. Assemblers & Fabricators	MT OJT	19.57	40,700	39,150	26,940	47,580	30,650	to 52,010
51-3011	Bakers	LT OJT	13.73	28,560	26,250	20,570	32,550	21,960	to 34,360
51-3021	Butchers & Meat Cutters	LT OJT	15.36	31,950	31,670	22,390	36,730	24,570	to 37,730
51-3022	Meat, Poultry & Fish Cutters & Trimmers	ST OJT	15.59	32,440	31,910	27,680	34,820	28,420	to 36,490
51-3092	Food Batchmakers	MT OJT	20.84	43,350	43,880	29,910	50,080	33,410	to 52,270
51-4021	Extruding & Drawing Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	18.41	38,290	37,770	31,010	41,930	32,800	to 44,450
51-4031	Cutting, Punching & Press Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	18.93	39,380	37,590	28,980	44,590	30,800	to 47,140
51-4033	Grinding, Lapping, Polishing & Buffing Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	16.52	34,370	34,720	24,900	39,110	26,800	to 40,190
51-4041	Machinists	LT OJT	22.93	47,690	46,430	35,600	53,730	38,620	to 56,360
51-4061	Model Makers, Metal & Plastic	MT OJT	21.70	45,150	42,850	33,390	51,020	35,360	to 56,780
51-4072	Molding, Coremaking & Casting Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	17.04	35,440	32,960	25,260	40,540	27,710	to 42,930
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	20.56	42,770	42,700	31,970	48,170	35,380	to 49,830
51-4111	Tool & Die Makers	PS+	24.50	50,970	51,250	39,450	56,720	42,270	to 59,780
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	19.88	41,360	41,420	32,420	45,830	34,930	to 48,080
51-4191	Heat Treating Equipment Setters, Operators & Tenders, Metal & Plastic	MT OJT	21.97	45,690	46,250	39,900	48,580	42,430	to 50,060

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**PENNSYLVANIA OCCUPATIONAL WAGES**  
**LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA**  
 (Lehigh & Northampton Counties)  
**MAY 2019**

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51-4193	Plating & Coating Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	21.53	44,790	43,150	33,250	50,560	37,090	to 48,750
51-5111	Prepress Technician & Workers	PS	19.89	41,370	39,890	31,310	46,400	33,650	to 49,480
51-5112	Printing Press Operators	MT OJT	18.04	37,520	37,690	20,680	45,930	22,930	to 49,270
51-5113	Print Binding & Finishing Workers	MT OJT	16.24	33,780	34,860	28,570	36,390	31,770	to 37,830
51-6011	Laundry & Dry-Cleaning Workers	ST OJT	12.40	25,780	25,150	19,840	28,760	21,120	to 29,920
51-6021	Pressers: Textile, Garment & Related Materials	ST OJT	13.14	27,330	26,230	22,010	29,990	22,530	to 30,400
51-6031	Sewing Machine Operators	ST OJT	12.08	25,130	25,960	18,090	28,650	19,320	to 29,180
51-6052	Tailors, Dressmakers & Custom Sewers	MT OJT	15.60	32,460	33,790	25,250	36,060	27,360	to 37,460
51-6062	Textile Cutting Machine Setters, Operators & Tenders	MT OJT	14.98	31,150	30,290	25,220	34,120	26,670	to 35,820
51-6092	Fabric & Apparel Patternmakers	MT OJT	15.64	32,530	30,000	27,520	35,040	27,640	to 32,350
51-6093	Upholsterers	MT OJT	20.16	41,920	40,050	23,560	51,100	26,000	to 48,410
51-6099	Textile, Apparel & Furnishings Workers, Other	ST OJT	16.66	34,650	29,500	27,460	38,250	27,120	to 42,990
51-7011	Cabinetmakers & Bench Carpenters	MT OJT	19.15	39,830	39,400	29,590	44,940	31,560	to 47,750
51-7021	Furniture Finishers	ST OJT	17.35	36,090	35,680	24,500	41,890	27,690	to 43,810
51-7041	Sawing Machine Setters, Operators & Tenders, Wood	MT OJT	18.88	39,270	40,380	29,220	44,300	32,490	to 47,080
51-7042	Woodworking Machine Setters, Operators & Tenders	MT OJT	17.85	37,130	36,250	27,440	41,980	29,710	to 44,760

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**PENNSYLVANIA OCCUPATIONAL WAGES**  
**LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA**  
 (Lehigh & Northampton Counties)  
**MAY 2019**

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51-8013	Power Plant Operators	LT OJT	33.77	70,240	71,100	53,570	78,580	58,300	to 80,270
51-8021	Stationary Engineers & Boiler Operators	LT OJT	25.88	53,840	55,560	38,850	61,330	41,360	to 62,300
51-8031	Water & Wastewater Treatment Plant & System Operators	LT OJT	27.62	57,450	57,380	46,160	63,100	50,510	to 64,410
51-8099	Plant & System Operators, Other	MT OJT	34.46	71,690	63,540	48,300	83,380	51,590	to 95,800
51-9011	Chemical Equipment Operators & Tenders	MT OJT	24.81	51,610	52,620	40,000	57,410	43,730	to 59,610
51-9012	Separating, Filtering, Clarifying, Precipitating & Still Machine Setters, Operators & Tenders	MT OJT	19.85	41,280	39,120	32,000	45,920	34,020	to 47,900
51-9021	Crushing, Grinding & Polishing Machine Setters, Operators & Tenders	MT OJT	20.29	42,200	40,070	31,200	47,700	33,490	to 49,150
51-9022	Grinding & Polishing Workers, Hand	MT OJT	17.84	37,110	35,010	28,070	41,630	29,780	to 40,740
51-9023	Mixing & Blending Machine Setters, Operators & Tenders	MT OJT	19.96	41,520	39,500	30,840	46,860	33,400	to 50,260
51-9032	Cutting & Slicing Machine Setters, Operators & Tenders	MT OJT	18.46	38,390	40,100	29,680	42,740	31,860	to 45,500
51-9041	Extruding, Forming, Pressing & Compacting Machine Setters, Operators & Tenders	MT OJT	17.36	36,120	35,640	27,570	40,390	29,790	to 41,980
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	18.99	39,500	37,530	26,910	45,790	29,700	to 47,520
51-9081	Dental Laboratory Technicians	MT OJT	19.71	41,000	43,490	33,390	44,800	39,440	to 47,110
51-9083	Ophthalmic Laboratory Technicians	MT OJT	16.40	34,120	32,500	28,050	37,150	28,780	to 38,430
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	18.43	38,340	37,600	27,270	43,870	30,100	to 46,490
51-9124	Coating, Painting & Spraying Machine Oprs/Tenders	MT OJT	18.39	38,260	36,870	24,910	44,930	28,520	to 47,850

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**PENNSYLVANIA OCCUPATIONAL WAGES**  
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 (Lehigh & Northampton Counties)  
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51-9141	Semiconductor Processors	MT OJT	19.69	40,970	38,840	34,260	44,320	34,860	to 46,780
51-9161	CNC Tool Operators	MT OJT	21.84	45,440	41,260	32,350	51,980	34,830	to 57,540
51-9162	CNC Tool Programmers	PS	23.10	48,040	51,990	30,120	57,000	35,220	to 59,620
51-9191	Adhesive Bonding Machine Operators & Tenders	MT OJT	18.50	38,490	41,020	27,240	44,110	29,140	to 46,370
51-9195	Molders, Shapers & Casters, Except Metal & Plastic	LT OJT	18.79	39,090	35,010	27,810	44,730	29,860	to 42,720
51-9196	Paper Goods Machine Setters, Operators & Tenders	MT OJT	18.76	39,020	38,870	29,720	43,670	31,610	to 46,250
51-9198	Helpers--Production Workers	ST OJT	14.02	29,170	28,730	22,000	32,750	24,150	to 34,540
51-9199	Production Workers, Other	MT OJT	13.30	27,670	26,770	22,940	30,040	24,080	to 29,510
<b>53-0000</b>	<b>Transportation &amp; Material Moving Occupations</b>	<b>#</b>	<b>17.26</b>	<b>35,910</b>	<b>32,540</b>	<b>23,950</b>	<b>41,890</b>	<b>26,610</b>	<b>to 41,920</b>
53-1041	Aircraft Cargo Handling Supervisors	WK EXP	28.58	59,450	59,840	40,850	68,750	46,680	to 73,210
53-1047	Supervisors - Transportation & Material Moving Workers	WK EXP	30.73	63,920	62,620	43,080	74,340	52,080	to 79,180
53-2012	Commercial Pilots	MT OJT	*	99,200	86,330	68,110	114,750	72,660	to 110,010
53-3031	Driver/Sales Workers	ST OJT	12.46	25,930	19,720	17,800	29,990	17,860	to 32,420
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	23.36	48,590	48,100	38,200	53,780	41,710	to 56,690
53-3033	Light Truck or Delivery Services Drivers	ST OJT	19.12	39,770	34,090	21,920	48,700	24,030	to 54,640
53-3052	Bus Drivers, Transit & Intercity	MT OJT	21.18	44,050	48,570	26,940	52,600	30,880	to 57,440

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53-3058	Passenger Vehicle Drivers	ST OJT	13.89	28,890	26,140	18,440	34,110	19,790	to 36,820
53-3099	Motor Vehicle Operators, Other	ST OJT	21.82	45,380	54,200	26,730	54,700	29,140	to 61,070
53-6021	Parking Lot Attendants	ST OJT	12.22	25,420	24,690	19,880	28,190	20,870	to 28,990
53-6041	Traffic Technicians	MT OJT	29.41	61,170	60,550	55,140	64,180	55,190	to 67,460
53-6051	Transportation Inspectors	MT OJT	44.45	92,470	99,930	56,110	110,640	61,130	to 119,020
53-7011	Conveyor Operators & Tenders	ST OJT	15.69	32,630	32,190	27,180	35,360	27,920	to 37,060
53-7021	Crane & Tower Operators	WK EXP	21.57	44,870	43,890	31,130	51,740	33,630	to 56,020
53-7051	Industrial Truck & Tractor Operators	ST OJT	17.83	37,080	35,720	30,890	40,170	32,200	to 39,390
53-7061	Cleaners of Vehicles & Equipment	ST OJT	13.32	27,710	24,710	20,520	31,310	21,330	to 31,070
53-7062	Laborers & Freight, Stock & Material Movers	ST OJT	15.37	31,970	30,300	24,550	35,680	26,610	to 36,510
53-7063	Machine Feeders & Offbearers	ST OJT	16.84	35,030	35,160	33,080	36,000	32,700	to 37,620
53-7064	Packers & Packagers, Hand	ST OJT	13.55	28,190	26,980	21,500	31,530	22,880	to 31,430
53-7065	Stockers & Order Fillers	ST OJT	13.81	28,720	26,420	21,250	32,460	22,270	to 34,140
53-7081	Refuse & Recyclable Material Collectors	ST OJT	14.97	31,140	29,440	17,570	37,930	18,960	to 38,540

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