

PENNSYLVANIA OCCUPATIONAL WAGES
LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA
 (Lehigh & Northampton Counties)
MAY 2017

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	#	22.64	47,090	36,630	21,990	59,640	25,140	to 57,240
11-0000	Management Occupations	#	56.83	118,220	103,900	58,930	147,860	72,720	to 145,550
11-1011	Chief Executives	BD+	109.36	227,470	#	109,030	286,680	147,490	to #
11-1021	General & Operations Managers	BD+	62.33	129,660	114,010	61,940	163,510	76,770	to 157,670
11-2011	Advertising & Promotions Managers	BD+	50.82	105,710	82,550	50,670	133,230	58,810	to 130,040
11-2021	Marketing Managers	BD+	69.58	144,730	145,030	88,060	173,060	102,470	to 187,340
11-2022	Sales Managers	BD+	71.07	147,840	141,950	82,460	180,520	99,830	to 171,550
11-2031	Public Relations & Fundraising Managers	BD+	58.76	122,230	104,600	78,260	144,210	86,070	to 147,340
11-3011	Administrative Services Managers	BD+	56.67	117,870	109,570	71,300	141,160	80,420	to 139,000
11-3021	Computer & Information Systems Managers	BD+	64.79	134,760	131,330	82,430	160,930	94,800	to 163,420
11-3031	Financial Managers	BD+	68.31	142,080	129,140	90,770	167,740	102,040	to 161,680
11-3051	Industrial Production Managers	BD+	54.16	112,650	112,590	78,070	129,930	89,000	to 130,390
11-3061	Purchasing Managers	BD+	57.74	120,090	110,270	86,130	137,070	92,970	to 143,340
11-3071	Transportation, Storage & Distribution Managers	WK EXP	49.63	103,230	93,940	71,000	119,340	78,670	to 116,270
11-3111	Compensation & Benefits Managers	BD+	55.61	115,670	119,380	60,950	143,030	64,930	to 155,850
11-3121	Human Resources Managers	BD+	64.59	134,360	117,400	79,280	161,900	91,040	to 156,450

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11-3131	Training & Development Managers	BD+	57.33	119,250	103,270	61,100	148,330	64,700	to 153,530
11-9021	Construction Managers	BD	45.35	94,320	90,020	59,570	111,700	70,440	to 108,770
11-9031	Education Administrators, Preschool & Childcare Center/Program	BD+	19.15	39,840	38,860	31,650	43,930	33,230	to 45,610
11-9032	Education Administrators, Elementary & Secondary School	MD+	*	94,920	97,660	68,610	108,080	79,510	to 115,100
11-9033	Education Administrators, Postsecondary	MD+	51.00	106,080	84,900	63,920	127,160	69,720	to 124,150
11-9039	Education Administrators, Other	BD+	33.48	69,640	64,190	45,970	81,480	52,180	to 86,380
11-9041	Architectural & Engineering Managers	BD+	69.69	144,950	140,690	92,090	171,370	107,610	to 169,240
11-9051	Food Service Managers	WK EXP	27.78	57,790	55,230	33,660	69,860	39,410	to 73,280
11-9061	Funeral Service Managers	AD+	46.93	97,610	94,250	74,490	109,170	85,470	to 103,490
11-9081	Lodging Managers	WK EXP	24.44	50,830	52,370	36,350	58,070	37,030	to 60,610
11-9111	Medical & Health Services Managers	BD+	40.81	84,880	79,640	52,540	101,040	59,150	to 100,840
11-9121	Natural Sciences Managers	BD+	71.20	148,090	119,940	72,390	185,940	81,430	to 200,200
11-9131	Postmasters & Mail Superintendents	WK EXP	35.41	73,660	73,650	61,390	79,790	65,750	to 82,440
11-9141	Property, Real Estate & Community Association Managers	WK EXP	36.07	75,020	61,010	40,990	92,030	46,230	to 94,000
11-9151	Social & Community Service Managers	BD+	33.50	69,690	64,790	44,810	82,130	51,350	to 86,520
11-9161	Emergency Management Directors	BD+	32.74	68,090	70,180	55,550	74,370	61,850	to 76,890

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11-9199	Managers, Other	BD+	55.93	116,340	102,650	64,480	142,260	72,000	to 144,890
13-0000	Business & Financial Operations Occupations	#	34.19	71,110	62,910	42,430	85,440	49,290	to 83,450
13-1020	Buyers & Purchasing Agents	BD	30.53	63,510	60,150	41,820	74,350	46,980	to 76,020
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	34.42	71,600	71,100	49,700	82,540	56,750	to 88,570
13-1041	Compliance Officers	BD	31.61	65,750	60,520	44,180	76,540	48,460	to 78,580
13-1051	Cost Estimators	BD	29.86	62,110	57,840	38,890	73,720	42,780	to 76,950
13-1071	Human Resources Specialists	BD	30.86	64,190	58,220	38,230	77,170	44,090	to 76,190
13-1075	Labor Relations Specialists	BD+	35.62	74,090	61,860	46,460	87,900	49,850	to 102,070
13-1081	Logisticians	BD	32.69	68,000	64,860	44,140	79,930	51,660	to 86,800
13-1111	Management Analysts	BD+	44.17	91,880	81,910	54,570	110,530	61,440	to 111,140
13-1121	Meeting, Convention & Event Planners	BD	23.43	48,740	44,260	32,250	56,980	36,190	to 58,020
13-1131	Fundraisers	BD	29.40	61,150	57,810	36,100	73,680	42,190	to 77,310
13-1141	Compensation, Benefits & Job Analysis Specialists	BD+	30.44	63,310	61,950	41,770	74,080	51,010	to 76,710
13-1151	Training & Development Specialists	BD+	27.48	57,160	57,120	34,210	68,630	42,180	to 70,670
13-1161	Market Research Analysts & Marketing Specialists	BD	28.99	60,300	55,330	34,680	73,100	42,100	to 76,530
13-1199	Business Operations Specialists, Other	BD	38.38	79,830	79,220	51,260	94,120	60,880	to 96,260

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13-2011	Accountants & Auditors	BD	37.15	77,280	64,970	49,550	91,140	54,170	to 84,130
13-2031	Budget Analysts	BD	44.32	92,180	85,440	52,220	112,150	59,020	to 129,280
13-2041	Credit Analysts	BD	37.61	78,230	70,510	48,920	92,890	54,630	to 96,450
13-2051	Financial Analysts	BD	39.89	82,980	75,830	54,950	96,990	60,400	to 98,370
13-2052	Personal Financial Advisors	BD+	63.80	132,710	95,710	56,870	170,620	63,530	to 181,540
13-2053	Insurance Underwriters	BD	31.05	64,580	57,620	40,040	76,850	43,290	to 83,400
13-2061	Financial Examiners	BD+	32.53	67,660	61,810	51,390	75,800	54,570	to 74,870
13-2071	Credit Counselors	BD	25.10	52,210	42,460	33,030	61,800	34,990	to 65,710
13-2072	Loan Officers	BD	34.31	71,360	60,510	43,250	85,410	48,440	to 80,850
13-2081	Tax Examiners & Collectors & Revenue Agents	BD	28.87	60,050	59,480	20,320	79,920	18,760	to 96,030
13-2082	Tax Preparers	MT OJT	22.15	46,060	47,170	30,540	53,820	36,910	to 57,230
13-2099	Financial Specialists, Other	BD	30.61	63,670	58,510	38,930	76,050	46,370	to 76,830
15-0000	Computer & Mathematical Occupations	#	36.35	75,600	70,030	45,080	90,860	52,670	to 95,440
15-1121	Computer Systems Analysts	BD	42.70	88,820	83,410	58,700	103,880	66,470	to 108,920
15-1122	Information Security Analysts	BD+	43.77	91,050	94,750	51,740	110,700	66,060	to 118,710
15-1131	Computer Programmers	BD	32.92	68,470	66,780	49,010	78,200	54,130	to 80,040

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15-1132	Software Developers, Applications	BD	44.07	91,670	87,200	59,860	107,580	66,030	to 115,360
15-1133	Software Developers, Systems Software	BD	51.81	107,760	100,890	72,690	125,300	79,770	to 135,700
15-1134	Web Developers	AD	28.29	58,850	56,950	36,590	69,980	39,850	to 73,650
15-1141	Database Administrators	BD	36.99	76,940	69,830	39,390	95,720	44,290	to 110,040
15-1142	Network & Computer Systems Administrators	BD	38.68	80,450	76,170	55,880	92,730	63,560	to 96,040
15-1143	Computer Network Architects	BD+	44.63	92,830	93,780	56,810	110,840	65,000	to 119,980
15-1151	Computer User Support Specialists	PS	25.11	52,240	50,020	33,750	61,480	39,090	to 62,220
15-1152	Computer Network Support Specialists	AD	31.03	64,540	58,390	44,100	74,750	48,980	to 74,060
15-1199	Computer Occupations, Other	BD	37.73	78,480	76,980	48,880	93,280	56,660	to 97,570
15-2011	Actuaries	BD+	59.25	123,250	124,480	105,120	132,310	112,360	to 142,330
15-2031	Operations Research Analysts	BD	40.92	85,110	78,570	60,480	97,420	67,270	to 100,410
15-2041	Statisticians	MD	39.23	81,590	75,750	57,150	93,810	62,060	to 96,770
17-0000	Architecture & Engineering Occupations	#	38.72	80,540	72,760	48,910	96,350	56,290	to 99,050
17-1011	Architects	BD+	39.04	81,210	83,980	56,350	93,640	64,880	to 97,960
17-1012	Landscape Architects	BD+	25.74	53,540	42,810	34,460	63,080	36,420	to 49,420
17-1021	Cartographers & Photogrammetrists	BD	27.67	57,550	57,640	50,180	61,230	52,290	to 63,090

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17-1022	Surveyors	BD+	30.00	62,390	61,720	45,000	71,090	51,840	to 74,010
17-2031	Biomedical Engineers	BD	43.53	90,530	85,800	63,440	104,080	71,010	to 111,710
17-2051	Civil Engineers	BD	40.08	83,370	78,890	61,430	94,340	67,420	to 98,840
17-2061	Computer Hardware Engineers	BD	53.35	110,970	112,850	68,170	132,360	82,210	to 141,480
17-2071	Electrical Engineers	BD	39.07	81,270	74,530	57,300	93,260	60,920	to 93,340
17-2072	Electronics Engineers	BD	59.74	124,260	120,610	83,810	144,490	98,240	to 151,890
17-2081	Environmental Engineers	BD	39.07	81,260	78,550	61,140	91,310	66,460	to 95,310
17-2111	Health & Safety Engineers	BD	55.80	116,060	108,100	84,590	131,800	91,720	to 137,420
17-2112	Industrial Engineers	BD	45.31	94,250	89,770	66,090	108,330	72,140	to 113,590
17-2131	Materials Engineers	BD	59.36	123,480	128,080	65,480	152,470	75,910	to 173,960
17-2141	Mechanical Engineers	BD	36.75	76,450	68,390	53,100	88,120	56,480	to 91,920
17-3011	Architectural & Civil Drafters	AD	26.87	55,890	55,770	41,450	63,110	46,590	to 64,340
17-3012	Electrical & Electronics Drafters	AD	29.43	61,220	59,760	41,060	71,300	45,860	to 72,240
17-3013	Mechanical Drafters	AD	23.21	48,280	47,020	30,410	57,220	36,020	to 60,030
17-3019	Drafters, Other	AD	20.02	41,650	36,850	34,520	45,210	33,800	to 45,960
17-3022	Civil Engineering Technicians	AD	26.85	55,850	56,930	39,730	63,910	46,520	to 64,800

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17-3023	Electrical & Electronic Engineering Technicians	AD	30.21	62,840	64,590	44,560	71,980	50,470	to 73,580
17-3025	Environmental Engineering Technicians	AD	20.43	42,490	41,370	31,390	48,040	33,450	to 48,710
17-3026	Industrial Engineering Technicians	AD	27.32	56,820	53,400	38,370	66,050	41,930	to 67,750
17-3027	Mechanical Engineering Technicians	AD	25.77	53,600	51,990	41,690	59,560	44,790	to 60,850
17-3029	Engineering Technicians, Other	AD	25.79	53,640	51,670	34,860	63,030	39,260	to 67,660
17-3031	Surveying & Mapping Technicians	MT OJT	24.67	51,320	52,250	37,860	58,040	41,830	to 59,830
19-0000	Life, Physical & Social Science Occupations	#	35.28	73,390	61,950	37,180	91,500	42,150	to 89,340
19-1012	Food Scientists & Technologists	BD	35.23	73,280	70,650	50,390	84,730	59,310	to 80,350
19-1021	Biochemists & Biophysicists	PhD	36.79	76,530	73,260	54,850	87,370	60,270	to 92,750
19-1022	Microbiologists	BD	30.09	62,580	59,650	51,620	68,060	53,540	to 67,470
19-2012	Physicists	PhD	60.85	126,560	122,210	58,270	160,710	62,260	to 156,100
19-2031	Chemists	BD	35.84	74,540	70,840	45,010	89,310	52,380	to 95,340
19-2032	Materials Scientists	BD	44.04	91,600	82,890	58,910	107,940	67,970	to 119,190
19-2041	Environmental Scientists & Specialists	BD	41.21	85,710	77,190	62,910	97,120	67,500	to 100,070
19-2042	Geoscientists	BD	34.76	72,300	67,940	54,720	81,080	56,110	to 89,450
19-3011	Economists	MD	58.82	122,360	98,560	80,920	143,070	84,780	to 121,470

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19-3031	Clinical, Counseling & School Psychologists	PhD	36.44	75,790	66,000	45,370	90,990	52,990	to 90,080
19-3051	Urban & Regional Planners	MD	35.88	74,640	72,830	40,860	91,520	48,250	to 105,390
19-4011	Agricultural & Food Science Technicians	AD+	20.42	42,480	37,010	29,000	49,210	31,260	to 47,030
19-4021	Biological Technicians	BD	19.21	39,970	36,960	34,870	42,510	34,130	to 39,790
19-4031	Chemical Technicians	AD+	24.55	51,060	46,900	31,690	60,740	35,540	to 64,540
19-4041	Geological & Petroleum Technicians	AD+	22.31	46,410	45,110	32,290	53,480	34,570	to 58,160
19-4061	Social Science Research Assistants	BD	20.10	41,810	37,380	33,330	46,050	33,630	to 49,110
19-4091	Environmental Science & Protection Technicians	AD	20.88	43,440	41,330	30,540	49,880	32,890	to 49,810
19-4099	Life, Physical & Social Science Technicians, Other	AD	23.19	48,240	45,420	33,370	55,670	37,930	to 56,750
21-0000	Community & Social Services Occupations	#	21.47	44,660	41,660	27,400	53,280	31,380	to 55,450
21-1012	Educational, Guidance, School & Vocational Counselors	MD	31.08	64,660	61,850	40,540	76,710	48,620	to 84,530
21-1015	Rehabilitation Counselors	MD	15.95	33,170	29,160	22,980	38,270	24,870	to 39,470
21-1018	Substance Abuse, Behavioral Disorder & Mental Health Counselors	BD	24.31	50,560	50,010	35,020	58,320	39,390	to 61,140
21-1021	Child, Family & School Social Workers	BD	19.81	41,210	38,280	27,600	48,010	31,600	to 50,440
21-1022	Healthcare Social Workers	MD+	24.64	51,260	50,630	39,260	57,260	43,380	to 59,530
21-1023	Mental Health & Substance Abuse Social Workers	MD+	16.18	33,660	33,600	24,030	38,470	26,350	to 39,270

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21-1029	Social Workers, Other	BD	34.77	72,310	73,310	54,840	81,050	59,180	to 84,690
21-1091	Health Educators	BD	24.93	51,850	47,920	36,200	59,680	41,600	to 66,960
21-1092	Probation Officers & Correctional Treatment Specialists	BD	29.53	61,420	61,320	47,010	68,620	50,260	to 73,150
21-1093	Social & Human Service Assistants	ST OJT	17.56	36,530	36,010	24,740	42,420	27,710	to 44,460
21-1094	Community Health Workers	ST OJT	19.15	39,830	39,350	29,860	44,810	32,960	to 47,250
21-2011	Clergy	BD	22.18	46,130	41,360	27,420	55,490	32,340	to 50,470
21-2021	Directors, Religious Activities & Education	BD+	15.33	31,890	25,590	17,240	39,210	18,470	to 35,040
23-0000	Legal Occupations	#	39.00	81,130	51,310	36,600	103,390	40,900	to 90,800
23-1011	Lawyers	PROF	55.67	115,800	80,910	46,780	150,310	51,930	to 146,090
23-1021	Administrative Law Judges, Adjudicators & Hearing Officers	PhD	30.99	64,460	56,180	44,120	74,640	46,990	to 89,590
23-2011	Paralegals & Legal Assistants	AD	20.26	42,150	38,600	31,640	47,400	33,140	to 48,940
23-2093	Title Examiners, Abstractors & Searchers	MT OJT	20.15	41,910	44,290	35,380	45,180	40,890	to 47,690
23-2099	Legal Support Workers, Other	AD	50.04	104,090	109,780	75,820	118,230	91,750	to 123,550
25-0000	Education, Training & Library Occupations	#	29.77	61,920	57,070	27,990	78,880	34,460	to 80,800
25-1011	Business Teachers, Postsecondary	PhD	*	129,580	95,740	54,960	166,890	67,090	to 181,610
25-1021	Computer Science Teachers, Postsecondary	PhD	*	92,410	79,600	48,630	114,310	56,160	to 124,320

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25-1022	Mathematical Science Teachers, Postsecondary	PhD	*	95,340	80,700	51,610	117,200	60,190	to 116,580
25-1032	Engineering Teachers, Postsecondary	PhD	*	155,180	141,270	83,780	190,890	103,150	to 185,770
25-1042	Biological Science Teachers, Postsecondary	PhD	*	106,390	96,240	55,170	132,010	63,770	to 130,360
25-1051	Atmospheric, Earth, Marine & Space Sciences Teachers, Postsecondary	PhD	*	135,780	121,850	85,760	160,790	97,980	to 157,870
25-1052	Chemistry Teachers, Postsecondary	PhD	*	101,970	91,790	49,920	128,000	60,380	to 121,230
25-1054	Physics Teachers, Postsecondary	PhD	*	132,740	117,700	60,060	169,070	69,280	to 184,580
25-1061	Anthropology & Archeology Teachers, Postsecondary	PhD	*	114,680	105,360	60,240	141,900	70,430	to 158,530
25-1063	Economics Teachers, Postsecondary	PhD	*	143,040	126,120	70,800	179,160	81,790	to 184,170
25-1065	Political Science Teachers, Postsecondary	PhD	*	105,140	103,350	56,580	129,410	69,300	to 128,950
25-1066	Psychology Teachers, Postsecondary	PhD	*	87,820	82,300	53,470	105,000	62,870	to 109,710
25-1067	Sociology Teachers, Postsecondary	PhD	*	88,230	89,930	48,700	108,000	59,500	to 117,370
25-1071	Health Specialties Teachers, Postsecondary	PhD	*	71,570	64,200	42,350	86,180	49,060	to 87,320
25-1072	Nursing Instructors & Teachers, Postsecondary	PhD	*	72,850	64,650	44,550	87,000	53,670	to 81,790
25-1081	Education Teachers, Postsecondary	PhD	*	83,040	65,940	40,740	104,190	48,700	to 106,720
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	PhD	*	68,890	62,890	44,350	81,160	53,230	to 79,260
25-1121	Art, Drama & Music Teachers, Postsecondary	MD	*	79,380	70,510	44,540	96,800	53,140	to 94,650

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PENNSYLVANIA OCCUPATIONAL WAGES
LEHIGH VALLEY WORKFORCE DEVELOPMENT AREA
 (Lehigh & Northampton Counties)
MAY 2017

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 (\$)	
25-1123	English Language & Literature Teachers, Postsecondary	PhD	*	78,960	69,640	44,700	96,090	52,230	to 100,940
25-1125	History Teachers, Postsecondary	PhD	*	92,980	81,680	56,320	111,310	62,460	to 116,820
25-1126	Philosophy & Religion Teachers, Postsecondary	PhD	*	94,630	82,710	55,750	114,070	63,810	to 108,300
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	PhD	*	95,030	81,050	44,620	120,240	53,320	to 122,010
25-1194	Vocational Education Teachers, Postsecondary	BD+	21.46	44,650	42,550	31,300	51,320	34,890	to 49,260
25-1199	Postsecondary Teachers, Other	PhD	*	45,320	21,760	17,420	59,270	18,010	to 52,130
25-2011	Preschool Teachers	AD	16.23	33,760	29,470	21,550	39,870	24,030	to 43,230
25-2012	Kindergarten Teachers	BD+	*	58,910	58,940	34,990	70,870	44,940	to 75,280
25-2021	Elementary School Teachers	BD+	*	71,770	71,700	52,380	81,470	58,270	to 87,310
25-2022	Middle School Teachers	BD+	*	68,870	67,470	46,160	80,220	54,820	to 86,740
25-2031	Secondary School Teachers	BD+	*	65,990	65,530	42,090	77,930	49,700	to 83,380
25-2032	Career/Technical Education Teachers, Secondary School	BD+	*	68,420	69,110	52,020	76,610	56,930	to 79,860
25-2052	Special Education Teachers, Kindergarten & Elementary School	BD+	*	67,350	66,100	44,670	78,700	53,820	to 86,460
25-2053	Special Education Teachers, Middle School	BD+	*	72,150	70,560	51,630	82,400	57,190	to 84,170
25-2054	Special Education Teachers, Secondary School	BD+	*	68,440	64,800	49,600	77,860	54,400	to 83,790
25-3011	Adult Basic & Secondary Education & Literacy Teachers & Instructors	BD+	23.48	48,850	48,100	41,910	52,310	42,960	to 56,040

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25-3021	Self-Enrichment Education Teachers	WK EXP	16.38	34,060	29,900	22,430	39,880	24,320	to 40,000
25-3097	Teachers & Instructors, Other	#	*	43,760	30,220	26,600	52,340	27,180	to 49,390
25-3098	Substitute Teachers	BD	15.56	32,370	32,580	23,810	36,660	25,350	to 36,940
25-4012	Curators	MD	23.13	48,110	40,210	34,740	54,790	35,670	to 58,870
25-4021	Librarians	MD	32.20	66,980	66,410	48,410	76,270	54,170	to 79,170
25-4031	Library Technicians	PS	19.73	41,030	41,740	22,950	50,070	27,080	to 52,360
25-9011	Audio-Visual & Multimedia Collections Specialists	BD+	21.43	44,570	43,530	32,130	50,790	35,060	to 50,410
25-9031	Instructional Coordinators	MD+	30.46	63,370	58,390	38,800	75,650	47,040	to 80,930
25-9041	Teacher Assistants	PS	*	26,840	26,560	18,420	31,050	19,770	to 33,530
25-9099	Education, Training & Library Workers, Other	BD	20.57	42,790	36,750	27,470	50,450	30,800	to 53,630
27-0000	Arts, Design, Entertainment, Sports & Media Occupations	#	21.80	45,340	39,180	20,800	57,600	24,360	to 57,270
27-1011	Art Directors	BD+	34.98	72,760	59,630	45,950	86,170	51,140	to 93,580
27-1014	Multimedia Artists & Animators	BD	30.26	62,940	51,450	45,590	71,610	46,000	to 70,130
27-1021	Commercial & Industrial Designers	BD	28.30	58,870	50,460	41,310	67,650	43,530	to 73,260
27-1022	Fashion Designers	BD	32.87	68,370	56,720	44,180	80,470	46,810	to 94,870
27-1023	Floral Designers	MT OJT	11.45	23,820	21,900	17,250	27,100	18,310	to 26,860

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27-1024	Graphic Designers	BD	20.67	43,000	42,570	27,510	50,740	31,400	to 54,060
27-1025	Interior Designers	BD	22.78	47,380	46,230	29,410	56,370	36,420	to 58,800
27-1026	Merchandise Displayers & Window Trimmers	ST OJT	14.37	29,890	29,610	17,840	35,920	19,180	to 37,570
27-1027	Set & Exhibit Designers	BD	23.28	48,420	46,870	34,610	55,320	40,910	to 57,930
27-2011	Actors	PS+	12.48	#	#	#	#	#	to #
27-2012	Producers & Directors	BD+	41.30	85,910	54,570	31,200	113,260	37,580	to 98,710
27-2022	Coaches & Scouts	BD	*	37,350	27,430	17,320	47,360	18,480	to 46,200
27-2041	Music Directors & Composers	BD+	21.91	45,570	34,490	23,170	56,780	25,510	to 57,490
27-3011	Radio & Television Announcers	BD	15.00	31,190	28,230	25,130	34,230	25,650	to 30,840
27-3022	Reporters & Correspondents	BD	19.75	41,090	37,220	28,420	47,420	30,400	to 52,430
27-3031	Public Relations Specialists	BD	29.58	61,530	57,290	37,620	73,490	44,280	to 75,630
27-3041	Editors	BD+	42.47	88,330	75,170	55,820	104,590	66,710	to 84,370
27-3042	Technical Writers	BD+	32.35	67,280	64,120	54,380	73,730	56,830	to 76,580
27-3043	Writers & Authors	BD+	24.77	51,520	51,390	42,570	55,990	44,850	to 58,520
27-3091	Interpreters & Translators	BD	17.13	35,630	30,520	28,420	39,240	28,020	to 38,360
27-4011	Audio & Video Equipment Technicians	PS	22.45	46,690	45,570	29,140	55,470	33,290	to 58,700

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27-4012	Broadcast Technicians	AD	13.25	27,570	27,640	17,990	32,350	19,270	to 31,590
27-4021	Photographers	LT OJT	11.92	24,800	20,610	16,820	28,780	17,370	to 28,630
27-4032	Film & Video Editors	BD	19.14	39,810	36,200	17,420	51,010	18,250	to 60,200
29-0000	Healthcare Practitioners & Technical Occupations	#	37.80	78,620	64,030	40,300	97,780	48,490	to 83,000
29-1011	Chiropractors	PROF	34.80	72,380	50,800	44,900	86,110	45,320	to 97,910
29-1021	Dentists, General	PROF	93.37	194,210	164,940	102,840	239,900	116,080	to #
29-1031	Dietitians & Nutritionists	BD	29.55	61,470	62,190	46,440	68,980	52,600	to 72,690
29-1041	Optometrists	PROF	63.21	131,480	115,660	93,990	150,230	101,520	to 127,340
29-1051	Pharmacists	PROF	57.07	118,700	122,710	95,000	130,550	110,940	to 136,760
29-1061	Anesthesiologists	PROF	128.43	267,130	#	#	#	#	to #
29-1066	Psychiatrists	PROF	89.59	186,350	190,290	75,360	241,850	73,760	to #
29-1069	Physicians & Surgeons, Other	PROF	104.78	217,950	207,230	114,380	269,730	149,580	to #
29-1071	Physician Assistants	MD	42.49	88,370	93,050	58,060	103,530	77,740	to 106,130
29-1122	Occupational Therapists	MD	38.93	80,970	84,510	53,050	94,930	62,050	to 99,610
29-1123	Physical Therapists	PhD	41.19	85,670	85,150	55,760	100,620	69,480	to 107,120
29-1125	Recreational Therapists	BD	20.91	43,490	40,300	29,730	50,370	31,600	to 54,300

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29-1126	Respiratory Therapists	AD	28.01	58,270	58,140	44,110	65,350	49,100	to 68,700
29-1127	Speech-Language Pathologists	MD+	40.66	84,570	74,660	54,650	99,530	60,320	to 110,850
29-1128	Exercise Physiologists	BD	20.81	43,270	41,440	36,090	46,870	36,820	to 48,740
29-1131	Veterinarians	PROF	34.27	71,290	42,600	35,910	88,980	36,470	to 97,170
29-1141	Registered Nurses	BD	32.62	67,850	68,070	52,860	75,350	58,200	to 77,680
29-1151	Nurse Anesthetists	MD	71.78	149,310	150,530	134,880	156,530	139,590	to 161,480
29-1171	Nurse Practitioners	MD	49.48	102,920	98,180	87,100	110,830	88,740	to 113,090
29-2010	Clinical Laboratory Technologists & Technicians	AD	25.48	53,000	53,810	36,060	61,470	41,200	to 62,460
29-2021	Dental Hygienists	AD	31.32	65,150	63,700	54,510	70,460	56,100	to 74,700
29-2031	Cardiovascular Technologists & Technicians	AD	27.73	57,670	58,180	36,250	68,390	40,710	to 72,950
29-2032	Diagnostic Medical Sonographers	AD	33.14	68,940	67,850	53,170	76,820	56,810	to 79,470
29-2034	Radiologic Technologists	AD	28.21	58,680	56,500	42,110	66,970	47,070	to 65,270
29-2035	Magnetic Resonance Imaging Technologists	AD+	32.67	67,960	67,530	51,220	76,330	55,580	to 79,930
29-2041	Emergency Medical Technicians & Paramedics	PS	18.80	39,100	35,010	24,900	46,200	27,510	to 49,110
29-2052	Pharmacy Technicians	MT OJT	13.20	27,470	24,940	21,550	30,430	22,010	to 31,430
29-2055	Surgical Technologists	PS	21.57	44,860	43,750	34,070	50,250	36,710	to 50,810

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29-2056	Veterinary Technologists & Technicians	AD	17.89	37,220	37,400	28,970	41,350	31,630	to 44,080
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	23.21	48,270	47,520	42,190	51,310	43,030	to 53,120
29-2071	Medical Records & Health Information Technicians	PS	18.16	37,770	35,880	28,880	42,210	31,250	to 41,380
29-2081	Opticians, Dispensing	LT OJT	18.15	37,760	37,830	28,370	42,450	31,180	to 45,240
29-2091	Orthotists & Prosthetists	MD+	32.73	68,080	65,410	43,670	80,290	47,460	to 87,030
29-2099	Health Technologists & Technicians, Other	PS	22.55	46,900	45,680	29,260	55,710	33,870	to 58,220
29-9011	Occupational Health & Safety Specialists	BD	37.33	77,640	77,150	55,710	88,610	62,190	to 92,460
29-9012	Occupational Health & Safety Technicians	MT OJT	22.37	46,520	46,380	36,210	51,680	40,530	to 52,960
29-9091	Athletic Trainers	BD	*	45,900	43,420	34,060	51,820	36,400	to 51,210
31-0000	Healthcare Support Occupations	#	15.65	32,550	30,720	24,980	36,340	26,680	to 36,950
31-1011	Home Health Aides	ST OJT	12.12	25,220	24,710	21,570	27,040	22,060	to 28,230
31-1014	Nursing Assistants	PS	15.06	31,320	30,550	26,230	33,860	27,170	to 35,530
31-1015	Orderlies	ST OJT	14.76	30,700	29,840	24,230	33,940	25,640	to 35,450
31-2011	Occupational Therapy Assistants	AD	26.84	55,830	56,460	40,420	63,530	45,770	to 66,270
31-2021	Physical Therapist Assistants	AD	28.44	59,150	58,060	43,190	67,130	47,700	to 69,980
31-2022	Physical Therapist Aides	ST OJT	13.69	28,480	27,910	21,310	32,060	23,640	to 31,790

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31-9011	Massage Therapists	PS	21.50	44,730	43,250	31,100	51,550	35,850	to 50,090
31-9091	Dental Assistants	PS	18.91	39,340	37,600	33,290	42,370	33,810	to 44,400
31-9092	Medical Assistants	PS	16.12	33,540	31,810	26,400	37,100	28,050	to 37,630
31-9093	Medical Equipment Preparers	MT OJT	16.88	35,120	33,500	27,170	39,090	28,670	to 40,210
31-9094	Medical Transcriptionists	PS	17.84	37,110	36,530	30,430	40,450	32,640	to 41,550
31-9095	Pharmacy Aides	ST OJT	9.55	19,860	18,650	17,290	21,140	17,120	to 21,860
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	ST OJT	11.66	24,250	23,620	19,730	26,510	20,640	to 27,970
31-9097	Phlebotomists	PS	16.83	35,010	33,110	28,210	38,410	29,030	to 39,970
31-9099	Healthcare Support Workers, Other	ST OJT	21.36	44,420	44,960	32,240	50,520	37,130	to 51,310
33-0000	Protective Service Occupations	#	20.53	42,700	34,250	21,410	53,340	23,860	to 58,500
33-1012	Supervisors - Police & Detectives	WK EXP	44.19	91,910	92,300	67,230	104,260	74,960	to 109,320
33-1021	Supervisors - Fire Fighting & Prevention	PS+	29.81	62,010	59,980	51,480	67,280	53,600	to 68,730
33-1099	Supervisors - Protective Service Workers, Other	WK EXP	18.93	39,380	31,910	25,420	46,360	27,390	to 46,560
33-2011	Firefighters	PS+	23.84	49,590	53,150	31,790	58,490	35,320	to 61,570
33-3021	Detectives & Criminal Investigators	WK EXP	41.47	86,250	78,020	63,840	97,460	68,380	to 101,240
33-3041	Parking Enforcement Workers	ST OJT	18.48	38,440	35,360	26,290	44,520	28,180	to 48,740

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33-3051	Police & Sheriff's Patrol Officers	MT OJT	32.10	66,770	67,920	46,790	76,760	51,540	to 79,800
33-9011	Animal Control Workers	MT OJT	17.68	36,770	38,500	24,300	43,000	26,270	to 46,440
33-9021	Private Detectives & Investigators	WK EXP	25.33	52,680	49,730	42,440	57,800	44,070	to 60,610
33-9032	Security Guards	ST OJT	12.50	25,990	24,160	20,890	28,550	21,580	to 29,110
33-9091	Crossing Guards	ST OJT	12.16	25,290	24,150	17,880	29,000	19,120	to 30,070
33-9092	Lifeguards, Ski Patrol & Other Recreational Protective Service	ST OJT	10.54	21,930	19,540	17,480	24,160	17,630	to 26,440
33-9093	Transportation Security Screeners	ST OJT	22.53	46,870	43,470	40,880	49,870	42,530	to 49,680
33-9099	Protective Service Workers, Other	ST OJT	12.72	26,460	26,770	18,460	30,470	19,790	to 30,150
35-0000	Food Preparation & Serving Related Occupations	#	11.33	23,570	20,990	17,490	26,610	18,170	to 26,960
35-1011	Chefs & Head Cooks	WK EXP	23.02	47,880	45,240	28,640	57,500	31,630	to 59,240
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	16.57	34,460	29,940	20,840	41,270	23,350	to 43,540
35-2011	Cooks, Fast Food	ST OJT	10.21	21,240	20,660	17,460	23,140	18,350	to 23,580
35-2012	Cooks, Institution & Cafeteria	ST OJT	14.10	29,340	29,070	20,820	33,600	23,310	to 35,240
35-2014	Cooks, Restaurant	WK EXP	12.96	26,960	26,140	20,200	30,330	21,650	to 31,020
35-2015	Cooks, Short Order	ST OJT	10.76	22,380	20,670	17,640	24,760	18,280	to 26,400
35-2021	Food Preparation Workers	ST OJT	11.53	23,980	22,790	17,860	27,040	19,160	to 27,770

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35-3011	Bartenders	ST OJT	11.27	23,440	21,940	17,430	26,450	18,210	to 28,490
35-3021	Combined Food Preparation & Serving Workers	ST OJT	9.73	20,240	18,990	17,440	21,640	17,360	to 22,070
35-3022	Counter Attendants, Cafeteria, Food Concession & Coffee Shop	ST OJT	9.52	19,810	19,090	17,540	20,950	17,460	to 21,960
35-3031	Waiters & Waitresses	ST OJT	11.49	23,900	22,240	17,630	27,040	18,740	to 27,600
35-3041	Food Servers, Nonrestaurant	ST OJT	11.14	23,160	21,620	17,390	26,050	18,370	to 27,200
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	ST OJT	9.21	19,160	18,830	17,500	19,980	17,300	to 21,040
35-9021	Dishwashers	ST OJT	9.83	20,450	19,730	17,570	21,880	17,790	to 23,100
35-9031	Hosts & Hostesses: Restaurant, Lounge & Coffee Shop	ST OJT	10.08	20,970	19,480	17,580	22,670	17,660	to 23,190
37-0000	Building & Grounds Cleaning & Maintenance Occupations	#	13.83	28,770	25,980	18,300	34,000	19,640	to 35,090
37-1011	Supervisors - Housekeeping & Janitorial Workers	WK EXP	20.01	41,630	38,860	27,760	48,560	31,050	to 50,980
37-1012	Supervisors - Landscaping & Groundskeeping Workers	WK EXP	22.85	47,520	44,260	35,740	53,420	37,040	to 57,260
37-2011	Janitors & Cleaners	ST OJT	14.63	30,430	27,460	18,220	36,540	19,600	to 41,090
37-2012	Maids & Housekeeping Cleaners	ST OJT	10.93	22,740	21,670	17,400	25,410	18,310	to 26,760
37-2021	Pest Control Workers	MT OJT	21.80	45,340	42,540	25,040	55,490	27,200	to 61,980
37-3011	Landscaping & Groundskeeping Workers	ST OJT	12.89	26,810	26,310	19,190	30,620	20,510	to 30,820
39-0000	Personal Care & Service Occupations	#	12.42	25,840	22,850	18,050	29,730	19,400	to 28,650

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39-1021	Supervisors - Personal Service Workers	WK EXP	18.55	38,590	35,940	25,280	45,240	28,400	to 47,420
39-2011	Animal Trainers	MT OJT	16.20	33,700	24,410	22,610	39,240	22,290	to 50,300
39-2021	Nonfarm Animal Caretakers	ST OJT	10.63	22,110	19,920	17,650	24,340	17,900	to 23,790
39-3031	Ushers, Lobby Attendants & Ticket Takers	ST OJT	10.60	22,040	19,400	17,590	24,270	17,610	to 23,710
39-3091	Amusement & Recreation Attendants	ST OJT	12.36	25,700	20,020	17,630	29,740	17,930	to 27,210
39-3092	Costume Attendants	ST OJT	19.17	39,870	38,080	33,980	42,820	34,430	to 44,190
39-3093	Locker Room, Coatroom & Dressing Room Attendants	ST OJT	11.23	23,350	19,010	17,320	26,370	17,310	to 30,100
39-4021	Funeral Attendants	ST OJT	14.68	30,540	32,900	17,790	36,910	18,420	to 39,340
39-5012	Hairdressers, Hairstylists & Cosmetologists	PS	13.55	28,190	23,920	18,110	33,220	19,460	to 36,010
39-5092	Manicurists & Pedicurists	PS	11.41	23,730	22,110	17,420	26,880	18,040	to 29,430
39-5093	Shampooers	ST OJT	10.49	21,810	22,340	20,100	22,670	20,690	to 23,980
39-7010	Tour & Travel Guides	MT OJT	11.11	23,100	20,550	17,530	25,890	18,060	to 28,430
39-9011	Childcare Workers	ST OJT	10.46	21,760	20,790	17,420	23,930	18,000	to 25,210
39-9021	Personal Care Aides	ST OJT	11.08	23,050	22,790	20,060	24,550	20,670	to 25,070
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	17.93	37,300	36,290	25,480	43,210	29,380	to 43,800
39-9032	Recreation Workers	ST OJT	12.62	26,250	25,160	19,630	29,560	20,930	to 30,500

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 (Lehigh & Northampton Counties)
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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 (\$)	
39-9041	Residential Advisors	ST OJT	15.35	31,920	31,070	21,820	36,970	23,550	to 38,030
41-0000	Sales & Related Occupations	#	18.91	39,340	27,110	18,130	49,950	19,360	to 47,140
41-1011	Supervisors - Retail Sales Workers	WK EXP	22.48	46,760	41,740	27,190	56,550	31,010	to 57,230
41-1012	Supervisors - Non-Retail Sales Workers	WK EXP	39.75	82,690	71,140	44,600	101,740	52,010	to 98,350
41-2011	Cashiers	ST OJT	9.65	20,070	19,030	17,210	21,510	17,240	to 22,260
41-2021	Counter & Rental Clerks	ST OJT	12.91	26,850	25,520	18,890	30,830	20,260	to 29,490
41-2022	Parts Salespersons	MT OJT	18.22	37,890	36,100	24,670	44,500	27,760	to 46,840
41-2031	Retail Salespersons	ST OJT	12.63	26,270	22,190	17,280	30,760	18,420	to 29,200
41-3011	Advertising Sales Agents	MT OJT	35.00	72,810	53,800	26,190	96,120	34,140	to 96,620
41-3021	Insurance Sales Agents	MT OJT	28.66	59,610	45,220	32,770	73,030	36,540	to 58,360
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	37.26	77,490	51,470	33,280	99,600	36,400	to 72,250
41-3041	Travel Agents	MT OJT	19.27	40,070	32,110	26,390	46,920	27,580	to 45,570
41-3099	Sales Representatives, Other Services	MT OJT	28.10	58,450	49,940	30,660	72,350	35,050	to 68,320
41-4011	Sales Representatives, Technical & Scientific Products	BD+	44.15	91,830	90,470	58,230	108,640	64,130	to 115,450
41-4012	Sales Representatives	MT OJT	35.20	73,210	63,320	38,590	90,510	46,100	to 86,290
41-9011	Demonstrators & Product Promoters	ST OJT	17.39	36,170	38,390	23,190	42,660	25,870	to 45,090

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41-9022	Real Estate Sales Agents	MT OJT	30.98	64,450	53,000	36,780	78,280	40,690	to 62,890
41-9031	Sales Engineers	BD+	43.48	90,430	87,570	61,700	104,800	70,030	to 104,330
41-9041	Telemarketers	ST OJT	16.02	33,310	32,510	26,690	36,620	28,250	to 37,700
41-9099	Sales & Related Workers, Other	ST OJT	17.29	35,970	30,730	22,980	42,470	24,240	to 48,460
43-0000	Office & Administrative Support Occupations	#	17.48	36,360	34,030	23,420	42,840	26,270	to 43,620
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	28.40	59,070	57,290	38,360	69,420	44,630	to 70,480
43-2011	Switchboard Operators	ST OJT	13.45	27,970	27,700	22,260	30,820	23,820	to 31,440
43-3011	Bill & Account Collectors	MT OJT	14.96	31,110	27,890	22,190	35,570	23,580	to 34,220
43-3021	Billing & Posting Clerks	MT OJT	17.61	36,630	36,680	29,090	40,410	32,500	to 41,100
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	18.12	37,700	37,220	25,990	43,560	30,540	to 45,440
43-3051	Payroll & Timekeeping Clerks	MT OJT	20.45	42,530	42,550	31,790	47,900	35,030	to 49,740
43-3061	Procurement Clerks	MT OJT	20.11	41,830	40,700	32,010	46,740	33,910	to 47,770
43-3071	Tellers	ST OJT	13.77	28,630	28,290	23,270	31,320	24,810	to 32,040
43-4011	Brokerage Clerks	MT OJT	22.86	47,550	47,740	41,230	50,710	43,050	to 52,630
43-4031	Court, Municipal & License Clerks	MT OJT	21.36	44,430	41,690	28,660	52,320	32,320	to 55,940
43-4041	Credit Authorizers, Checkers & Clerks	MT OJT	27.78	57,790	59,130	43,000	65,190	49,740	to 67,110

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43-4051	Customer Service Representatives	ST OJT	16.33	33,970	31,880	23,000	39,450	25,020	to 40,230
43-4061	Eligibility Interviewers, Government Programs	MT OJT	23.29	48,440	47,400	40,530	52,390	44,390	to 52,950
43-4071	File Clerks	ST OJT	14.60	30,380	29,090	21,550	34,790	23,690	to 36,580
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	10.98	22,830	22,560	19,220	24,640	20,180	to 24,980
43-4111	Interviewers	ST OJT	15.89	33,060	33,270	23,170	38,010	26,390	to 38,770
43-4121	Library Assistants, Clerical	ST OJT	13.66	28,410	26,880	20,190	32,510	21,770	to 33,970
43-4131	Loan Interviewers & Clerks	ST OJT	19.69	40,950	38,680	27,380	47,740	29,510	to 49,130
43-4141	New Accounts Clerks	MT OJT	14.46	30,080	29,620	27,750	31,240	27,430	to 31,900
43-4151	Order Clerks	ST OJT	18.57	38,630	36,680	26,390	44,750	30,420	to 46,250
43-4161	Human Resources Assistants	AD	18.25	37,970	36,450	29,810	42,040	32,000	to 43,070
43-4171	Receptionists & Information Clerks	ST OJT	14.09	29,320	29,490	21,930	33,010	24,840	to 34,680
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	ST OJT	17.29	35,960	30,690	22,180	42,850	24,040	to 51,530
43-4199	Information & Record Clerks, Other	ST OJT	23.86	49,620	49,320	38,450	55,210	42,410	to 59,110
43-5011	Cargo & Freight Agents	ST OJT	22.13	46,020	48,480	30,220	53,920	32,450	to 58,440
43-5021	Couriers & Messengers	ST OJT	13.77	28,640	28,300	21,970	31,980	24,020	to 32,710
43-5031	Police, Fire & Ambulance Dispatchers	MT OJT	21.86	45,470	45,090	37,940	49,230	40,260	to 50,660

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43-5032	Dispatchers	MT OJT	18.06	37,570	35,310	24,160	44,280	27,500	to 46,650
43-5041	Meter Readers, Utilities	ST OJT	22.09	45,950	50,500	28,660	54,590	33,910	to 58,460
43-5051	Postal Service Clerks	ST OJT	25.02	52,040	58,560	40,670	57,730	43,120	to 58,590
43-5052	Postal Service Mail Carriers	ST OJT	24.19	50,310	57,300	36,130	57,400	36,810	to 59,850
43-5053	Postal Service Mail Sorters, Processors & Processing Machine Operators	ST OJT	24.11	50,140	57,260	34,840	57,790	34,590	to 58,560
43-5061	Production, Planning & Expediting Clerks	MT OJT	23.11	48,070	43,510	31,950	56,130	34,430	to 58,340
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	17.30	35,990	34,950	25,940	41,010	28,900	to 41,870
43-5081	Stock Clerks & Order Fillers	ST OJT	12.65	26,320	24,250	19,390	29,780	20,690	to 30,320
43-5111	Weighers, Measurers, Checkers & Samplers, Recordkeeping	ST OJT	15.44	32,120	33,280	23,740	36,310	25,670	to 37,320
43-6011	Executive Secretaries & Executive Administrative Assistants	WK EXP	27.84	57,910	55,120	42,210	65,750	45,990	to 65,710
43-6012	Legal Secretaries	MT OJT	20.12	41,850	40,360	31,910	46,810	34,890	to 48,960
43-6013	Medical Secretaries	MT OJT	15.92	33,120	32,480	27,530	35,920	28,460	to 37,540
43-6014	Secretaries	ST OJT	17.19	35,750	35,630	25,530	40,860	29,140	to 42,390
43-9011	Computer Operators	MT OJT	22.89	47,620	47,310	32,950	54,950	37,010	to 56,650
43-9021	Data Entry Keyers	ST OJT	15.57	32,390	33,460	25,130	36,020	27,960	to 37,550
43-9022	Word Processors & Typists	ST OJT	17.86	37,160	36,710	30,690	40,390	31,430	to 41,700

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43-9031	Desktop Publishers	AD	21.11	43,910	34,910	26,470	52,630	28,080	to 56,850
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	20.89	43,460	44,480	34,970	47,700	38,190	to 49,250
43-9051	Mail Clerks & Mail Machine Operators	ST OJT	13.39	27,850	24,910	19,970	31,800	21,390	to 31,810
43-9061	Office Clerks, General	ST OJT	16.61	34,550	33,360	23,400	40,120	26,550	to 41,000
43-9071	Office Machine Operators	ST OJT	13.64	28,370	27,780	22,210	31,450	24,170	to 32,650
43-9111	Statistical Assistants	BD	23.57	49,020	45,630	35,050	56,000	37,230	to 57,640
43-9199	Office & Administrative Support Workers, Other	ST OJT	13.50	28,070	21,280	17,370	33,430	17,920	to 32,030
45-0000	Farming, Fishing & Forestry Occupations	#	14.33	29,820	23,030	17,770	35,840	18,920	to 34,220
45-2092	Farmworkers & Laborers, Crop, Nursery & Greenhouse	ST OJT	11.44	23,790	21,050	17,860	26,760	18,460	to 24,900
45-2093	Farmworkers, Farm, Ranch & Aquacultural Animals	ST OJT	13.39	27,850	19,590	17,500	33,030	17,660	to 25,790
47-0000	Construction & Extraction Occupations	#	24.17	50,280	46,410	31,710	59,560	36,240	to 60,530
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	34.07	70,870	69,150	50,760	80,920	56,060	to 83,870
47-2021	Brickmasons & Blockmasons	LT OJT	24.39	50,740	49,620	33,210	59,510	36,920	to 62,280
47-2022	Stonemasons	LT OJT	22.22	46,210	46,120	37,990	50,320	41,680	to 50,550
47-2031	Carpenters	LT OJT	23.53	48,940	48,310	31,610	57,610	38,990	to 59,180
47-2044	Tile & Marble Setters	LT OJT	22.07	45,910	42,420	30,820	53,460	34,810	to 49,730

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47-2051	Cement Masons & Concrete Finishers	MT OJT	20.53	42,700	39,260	31,100	48,510	33,730	to 48,130
47-2061	Construction Laborers	ST OJT	20.10	41,810	37,540	30,190	47,610	32,670	to 46,170
47-2071	Paving, Surfacing & Tamping Equipment Operators	MT OJT	19.30	40,150	38,470	30,950	44,750	32,560	to 47,130
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	25.06	52,120	48,910	39,410	58,480	41,630	to 58,600
47-2111	Electricians	LT OJT	29.74	61,850	55,940	38,420	73,570	42,790	to 84,260
47-2121	Glaziers	LT OJT	22.04	45,840	35,480	27,750	54,880	28,890	to 64,490
47-2141	Painters, Construction & Maintenance	MT OJT	19.54	40,640	38,100	32,100	44,910	33,520	to 47,820
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	24.76	51,500	46,850	35,440	59,520	38,530	to 61,870
47-2181	Roofers	MT OJT	20.77	43,200	43,330	33,250	48,180	35,860	to 50,230
47-2211	Sheet Metal Workers	LT OJT	26.19	54,480	51,160	37,170	63,130	42,160	to 70,370
47-2221	Structural Iron & Steel Workers	LT OJT	20.24	42,110	39,960	21,810	52,260	22,630	to 58,630
47-3012	Helpers--Carpenters	ST OJT	14.64	30,460	29,540	27,770	31,800	27,470	to 31,610
47-3013	Helpers--Electricians	ST OJT	14.90	30,990	29,210	17,180	37,890	18,370	to 40,230
47-4011	Construction & Building Inspectors	WK EXP	24.93	51,850	49,780	39,140	58,210	43,480	to 59,250
47-4031	Fence Erectors	MT OJT	14.41	29,980	30,300	24,240	32,850	25,620	to 34,940
47-4041	Hazardous Materials Removal Workers	MT OJT	18.51	38,500	35,610	31,140	42,180	32,010	to 39,210

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47-4051	Highway Maintenance Workers	MT OJT	23.94	49,800	51,870	37,680	55,860	41,310	to 58,390
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	MT OJT	17.84	37,100	35,580	27,940	41,680	29,940	to 43,000
47-4090	Miscellaneous Construction & Related Workers	MT OJT	12.99	27,010	26,140	20,950	30,040	22,500	to 29,840
47-5021	Earth Drillers	MT OJT	18.79	39,080	37,890	36,050	40,600	35,010	to 40,770
49-0000	Installation, Maintenance & Repair Occupations	#	22.75	47,320	45,250	29,410	56,280	34,080	to 58,580
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	33.80	70,300	68,640	48,620	81,140	54,940	to 85,110
49-2011	Computer, Automated Teller & Office Machine Repairers	PS	17.85	37,130	34,180	22,040	44,670	25,830	to 48,650
49-2021	Radio, Cellular & Tower Equipment Installers & Repairers	AD+	21.23	44,150	38,270	34,460	48,990	34,480	to 47,040
49-2022	Telecommunications Equipment Installers & Repairers	PS+	24.71	51,390	47,740	34,260	59,960	36,950	to 67,220
49-2092	Electric Motor, Power Tool & Related Repairers	WK EXP	24.55	51,060	50,220	36,620	58,290	41,630	to 61,760
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	PS+	28.03	58,300	57,830	44,500	65,190	48,580	to 68,460
49-2098	Security & Fire Alarm Systems Installers	MT OJT	25.14	52,280	47,220	38,420	59,220	41,090	to 57,130
49-3011	Aircraft Mechanics & Service Technicians	PS	26.93	56,020	56,170	32,400	67,830	43,220	to 72,430
49-3021	Automotive Body & Related Repairers	LT OJT	24.38	50,710	47,160	30,660	60,730	35,950	to 65,680
49-3023	Automotive Service Technicians & Mechanics	PS	20.70	43,050	39,930	30,710	49,220	33,730	to 50,570
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	24.07	50,060	50,150	38,760	55,710	41,800	to 58,960

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49-3042	Mobile Heavy Equipment Mechanics	LT OJT	21.20	44,100	42,900	34,680	48,820	36,750	to 51,580
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	MT OJT	13.63	28,350	30,360	17,770	33,640	18,990	to 36,350
49-3093	Tire Repairers & Changers	ST OJT	14.91	31,020	30,830	22,940	35,060	24,620	to 36,720
49-9011	Mechanical Door Repairers	MT OJT	19.16	39,860	39,030	27,870	45,860	30,690	to 47,010
49-9012	Control & Valve Installers & Repairers	MT OJT	27.98	58,190	58,420	47,160	63,710	50,940	to 66,250
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	23.10	48,060	47,060	38,200	52,980	41,850	to 53,910
49-9041	Industrial Machinery Mechanics	LT OJT	25.14	52,290	52,750	37,980	59,450	43,200	to 60,430
49-9043	Maintenance Workers, Machinery	LT OJT	24.08	50,090	51,180	34,220	58,020	38,570	to 61,170
49-9044	Millwrights	LT OJT	23.00	47,840	44,020	34,640	54,450	35,940	to 58,060
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	35.88	74,620	75,640	55,500	84,180	64,260	to 86,970
49-9052	Telecommunications Line Installers & Repairers	LT OJT	29.46	61,280	67,100	41,560	71,150	52,730	to 75,350
49-9062	Medical Equipment Repairers	AD	19.15	39,840	36,400	29,910	44,800	32,080	to 41,940
49-9063	Musical Instrument Repairers & Tuners	LT OJT	17.14	35,650	35,200	23,370	41,790	26,180	to 45,100
49-9071	Maintenance & Repair Workers, General	MT OJT	19.42	40,400	39,160	25,660	47,770	29,600	to 50,650
49-9091	Coin, Vending & Amusement Machine Servicers & Repairers	ST OJT	14.47	30,110	29,000	22,980	33,670	26,160	to 32,720
49-9094	Locksmiths & Safe Repairers	LT OJT	24.78	51,540	50,510	42,540	56,040	44,240	to 58,870

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49-9098	Helpers--Installation, Maintenance & Repair Workers	ST OJT	12.94	26,910	25,040	19,140	30,790	20,670	to 32,570
49-9099	Installation, Maintenance & Repair Workers, Other	MT OJT	23.31	48,480	47,110	31,300	57,070	34,730	to 59,850
51-0000	Production Occupations	#	19.10	39,720	36,920	24,810	47,180	28,250	to 48,630
51-1011	Supervisors - Production & Operating Workers	WK EXP	30.59	63,620	61,080	42,700	74,080	48,810	to 76,990
51-2028	Electrical, Electronic & Electromechanical Assemblers, Except Coil Winders, Tapers & Finishers	MT OJT	16.16	33,620	32,070	24,250	38,300	27,100	to 39,440
51-2031	Engine & Other Machine Assemblers	MT OJT	24.23	50,390	51,800	38,230	56,470	41,200	to 58,640
51-2041	Structural Metal Fabricators & Fitters	MT OJT	18.79	39,080	38,690	31,940	42,650	33,390	to 45,240
51-2098	Assemblers & Fabricators, All Other, Including Team Assemblers	MT OJT	18.38	38,230	35,600	25,660	44,520	28,180	to 48,470
51-3011	Bakers	LT OJT	12.93	26,890	25,230	20,560	30,060	21,630	to 31,580
51-3021	Butchers & Meat Cutters	LT OJT	14.66	30,500	30,580	21,650	34,920	23,910	to 36,710
51-3022	Meat, Poultry & Fish Cutters & Trimmers	ST OJT	15.40	32,040	30,340	17,590	39,260	19,070	to 44,980
51-3092	Food Batchmakers	MT OJT	17.81	37,050	35,700	23,930	43,610	27,000	to 47,790
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	19.07	39,660	37,820	27,560	45,710	30,190	to 49,060
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal & Plastic	PS	27.27	56,730	57,370	45,610	62,290	49,570	to 63,720
51-4021	Extruding & Drawing Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	16.41	34,140	33,840	26,530	37,950	28,780	to 38,740
51-4031	Cutting, Punching & Press Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	15.69	32,630	30,250	26,700	35,590	27,210	to 36,620

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51-4033	Grinding, Lapping, Polishing & Buffing Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	19.25	40,050	40,040	29,790	45,180	32,340	to 47,980
51-4034	Lathe & Turning Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	21.03	43,730	43,010	31,410	49,900	33,190	to 53,320
51-4041	Machinists	LT OJT	22.45	46,690	46,560	32,620	53,720	36,100	to 57,620
51-4051	Metal-Refining Furnace Operators & Tenders	MT OJT	17.79	37,010	35,550	25,720	42,650	28,510	to 44,360
51-4052	Pourers & Casters, Metal	MT OJT	18.91	39,330	39,870	30,530	43,730	32,910	to 46,380
51-4062	Patternmakers, Metal & Plastic	MT OJT	24.07	50,070	53,220	34,520	57,840	38,180	to 60,640
51-4071	Foundry Mold & Coremakers	MT OJT	17.11	35,600	35,190	27,970	39,410	30,110	to 40,430
51-4072	Molding, Coremaking & Casting Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	21.79	45,320	40,190	29,050	53,450	32,990	to 58,240
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	18.81	39,130	38,800	30,040	43,670	32,990	to 46,050
51-4111	Tool & Die Makers	PS+	23.15	48,150	46,830	32,050	56,200	38,460	to 55,360
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	21.44	44,610	42,080	34,180	49,820	36,050	to 50,210
51-4191	Heat Treating Equipment Setters, Operators & Tenders, Metal & Plastic	MT OJT	14.84	30,860	30,440	21,180	35,700	23,600	to 38,210
51-5111	Prepress Technician & Workers	PS	17.49	36,380	34,720	28,000	40,570	29,430	to 42,720
51-5112	Printing Press Operators	MT OJT	17.43	36,260	35,930	19,870	44,450	22,720	to 48,240
51-5113	Print Binding & Finishing Workers	MT OJT	15.12	31,450	30,560	20,990	36,680	22,370	to 37,990
51-6011	Laundry & Dry-Cleaning Workers	ST OJT	12.30	25,590	25,160	20,470	28,160	21,620	to 29,200

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51-6021	Pressers: Textile, Garment & Related Materials	ST OJT	10.37	21,570	21,670	18,340	23,180	19,490	to 23,860
51-6031	Sewing Machine Operators	ST OJT	11.27	23,440	22,900	18,810	25,760	20,020	to 26,280
51-6062	Textile Cutting Machine Setters, Operators & Tenders	MT OJT	14.30	29,730	28,960	24,460	32,370	25,660	to 34,070
51-6093	Upholsterers	MT OJT	15.26	31,750	33,610	20,960	37,140	23,210	to 38,920
51-7011	Cabinetmakers & Bench Carpenters	MT OJT	17.23	35,830	34,850	24,300	41,600	26,530	to 44,920
51-7021	Furniture Finishers	ST OJT	13.25	27,570	28,130	18,410	32,150	19,770	to 32,450
51-7041	Sawing Machine Setters, Operators & Tenders, Wood	MT OJT	15.29	31,810	30,090	22,210	36,610	24,350	to 39,610
51-7042	Woodworking Machine Setters, Operators & Tenders	MT OJT	15.56	32,370	32,830	23,300	36,910	26,300	to 38,990
51-8021	Stationary Engineers & Boiler Operators	LT OJT	24.09	50,110	53,090	35,770	57,270	38,010	to 60,160
51-8031	Water & Wastewater Treatment Plant & System Operators	LT OJT	24.49	50,950	50,240	40,780	56,030	43,540	to 58,740
51-8091	Chemical Plant & System Operators	MT OJT	34.46	71,690	70,640	55,100	79,980	59,510	to 81,320
51-8092	Gas Plant Operators	LT OJT	24.66	51,300	49,970	39,000	57,450	42,020	to 60,600
51-8099	Plant & System Operators, Other	MT OJT	34.81	72,410	81,440	51,080	83,070	54,330	to 92,490
51-9011	Chemical Equipment Operators & Tenders	MT OJT	22.40	46,600	45,830	32,690	53,550	36,630	to 56,600
51-9012	Separating, Filtering, Clarifying, Precipitating & Still Machine Setters, Operators & Tenders	MT OJT	19.30	40,140	37,610	32,920	43,750	33,670	to 44,610
51-9021	Crushing, Grinding & Polishing Machine Setters, Operators & Tenders	MT OJT	17.66	36,740	35,890	28,950	40,640	30,620	to 40,690

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51-9022	Grinding & Polishing Workers, Hand	MT OJT	20.74	43,140	39,300	32,540	48,440	33,910	to 54,790
51-9023	Mixing & Blending Machine Setters, Operators & Tenders	MT OJT	19.47	40,490	38,590	32,430	44,520	33,670	to 46,830
51-9032	Cutting & Slicing Machine Setters, Operators & Tenders	MT OJT	18.34	38,140	37,020	29,020	42,700	30,840	to 43,690
51-9041	Extruding, Forming, Pressing & Compacting Machine Setters, Operators & Tenders	MT OJT	16.42	34,150	33,500	24,800	38,820	27,040	to 40,820
51-9051	Furnace, Kiln, Oven, Drier & Kettle Operators & Tenders	MT OJT	19.90	41,390	41,190	32,190	45,990	34,890	to 48,820
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	20.03	41,660	38,800	27,450	48,770	30,950	to 50,540
51-9071	Jewelers & Precious Stone & Metal Workers	LT OJT	20.77	43,200	44,870	26,180	51,710	28,880	to 56,450
51-9081	Dental Laboratory Technicians	MT OJT	20.15	41,900	44,160	33,690	46,010	39,050	to 48,210
51-9082	Medical Appliance Technicians	MT OJT	18.32	38,100	35,580	28,510	42,890	30,220	to 42,700
51-9083	Ophthalmic Laboratory Technicians	MT OJT	16.22	33,750	29,000	22,150	39,540	23,460	to 37,730
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	16.99	35,330	34,800	24,520	40,730	27,140	to 42,970
51-9121	Coating, Painting & Spraying Machine Setters, Operators & Tenders	MT OJT	16.57	34,460	33,490	25,260	39,070	27,120	to 40,410
51-9122	Painters, Transportation Equipment	MT OJT	19.23	40,000	37,490	30,400	44,790	33,230	to 49,720
51-9151	Photographic Process Workers & Processing Machine Operators	ST OJT	12.66	26,330	24,150	19,110	29,940	20,200	to 30,240
51-9191	Adhesive Bonding Machine Operators & Tenders	MT OJT	15.80	32,870	29,870	22,270	38,170	23,420	to 41,900
51-9192	Cleaning, Washing & Metal Pickling Equipment Operators & Tenders	MT OJT	18.14	37,740	38,720	29,980	41,620	33,840	to 44,560

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51-9195	Molders, Shapers & Casters, Except Metal & Plastic	LT OJT	18.21	37,880	34,940	26,830	43,400	29,320	to 41,620
51-9196	Paper Goods Machine Setters, Operators & Tenders	MT OJT	19.75	41,080	41,710	32,380	45,430	35,020	to 47,790
51-9198	Helpers--Production Workers	ST OJT	12.80	26,620	25,220	20,360	29,750	21,560	to 30,960
51-9199	Production Workers, Other	MT OJT	19.35	40,250	44,100	19,620	50,560	21,960	to 53,740
53-0000	Transportation & Material Moving Occupations	#	17.02	35,410	31,530	22,770	41,730	25,460	to 42,210
53-1048	Supervisors - Transportation & Material Moving Workers, Except Aircraft Cargo Handling	WK EXP	30.18	62,780	61,590	44,840	71,750	51,990	to 73,310
53-2012	Commercial Pilots	MT OJT	*	87,290	78,840	54,900	103,480	62,920	to 106,810
53-2022	Airfield Operations Specialists	LT OJT	30.57	63,590	55,380	33,890	78,440	37,570	to 90,280
53-3022	Bus Drivers, School or Special Client	ST OJT	17.21	35,800	36,730	23,880	41,770	25,910	to 45,500
53-3031	Driver/Sales Workers	ST OJT	14.11	29,350	22,520	17,500	35,270	18,080	to 40,360
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	23.61	49,110	47,650	35,480	55,920	40,010	to 57,380
53-3033	Light Truck or Delivery Services Drivers	ST OJT	17.90	37,230	33,600	19,630	46,030	22,010	to 48,190
53-3041	Taxi Drivers & Chauffeurs	ST OJT	11.69	24,310	22,280	18,050	27,430	19,290	to 26,040
53-3099	Motor Vehicle Operators, Other	ST OJT	19.50	40,550	31,930	25,920	47,870	27,840	to 55,350
53-6021	Parking Lot Attendants	ST OJT	11.09	23,080	22,740	18,900	25,160	20,140	to 25,170
53-6031	Automotive & Watercraft Service Attendants	ST OJT	10.19	21,200	20,710	17,680	22,960	18,280	to 23,750

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53-7011	Conveyor Operators & Tenders	ST OJT	17.52	36,430	31,240	26,730	41,280	27,680	to 46,960
53-7021	Crane & Tower Operators	WK EXP	26.50	55,120	55,360	47,220	59,070	50,820	to 60,680
53-7032	Excavating & Loading Machine & Dragline Operators	WK EXP	21.45	44,630	45,470	43,000	45,440	42,410	to 48,530
53-7051	Industrial Truck & Tractor Operators	ST OJT	17.30	35,980	34,540	28,180	39,880	29,770	to 39,550
53-7061	Cleaners of Vehicles & Equipment	ST OJT	12.95	26,930	26,260	19,410	30,680	20,950	to 30,280
53-7062	Laborers & Freight, Stock & Material Movers	ST OJT	14.26	29,650	28,550	21,650	33,650	23,910	to 33,060
53-7063	Machine Feeders & Offbearers	ST OJT	14.58	30,320	29,430	23,080	33,940	24,960	to 34,760
53-7064	Packers & Packagers, Hand	ST OJT	13.51	28,100	25,340	20,520	31,880	21,860	to 32,700
53-7081	Refuse & Recyclable Material Collectors	ST OJT	17.90	37,230	35,380	28,540	41,580	29,700	to 44,490

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