

PENNSYLVANIA OCCUPATIONAL WAGES

STATEWIDE

MAY 2022

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	#	28.11	58,470	45,790	27,980	73,490	32,030	to	69,090
11-0000	Management Occupations	#	60.80	126,450	107,120	61,570	158,410	76,240	to	156,850
11-1021	General & Operations Managers	BD+	58.53	121,750	98,490	52,860	155,680	64,280	to	147,990
11-1031	Legislators	BD+	*	72,600	60,410	23,570	96,760	28,460	to	95,640
11-2011	Advertising & Promotions Managers	BD+	51.81	107,770	101,990	65,030	128,820	77,710	to	127,740
11-2021	Marketing Managers	BD+	63.27	131,590	123,470	75,240	159,350	91,190	to	162,160
11-2022	Sales Managers	BD+	64.95	135,100	119,710	73,150	165,620	87,570	to	163,980
11-2032	Public Relations Managers	BD+	62.74	130,490	116,480	79,630	155,540	90,230	to	152,460
11-2033	Fundraising Managers	BD+	55.27	114,960	101,460	79,090	132,630	92,980	to	132,270
11-3013	Facilities Managers	BD+	50.76	105,590	99,560	70,010	123,110	79,000	to	126,440
11-3021	Computer & Information Systems Managers	BD+	74.66	155,290	149,980	103,600	180,750	120,990	to	171,370
11-3031	Financial Managers	BD+	71.71	149,150	126,060	91,010	177,790	105,360	to	169,180
11-3051	Industrial Production Managers	BD+	51.76	107,660	100,220	70,680	125,880	80,130	to	127,150
11-3061	Purchasing Managers	BD+	64.52	134,210	128,230	85,530	158,180	97,900	to	158,730
11-3071	Transportation, Storage & Distribution Managers	WK EXP	53.59	111,460	100,930	69,850	131,960	80,840	to	131,870
11-3111	Compensation & Benefits Managers	BD+	69.85	145,290	131,270	93,640	170,730	109,000	to	176,130

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11-3121	Human Resources Managers	BD+	62.59	130,190	121,500	78,190	155,800	91,410	to	155,430
11-3131	Training & Development Managers	BD+	55.20	114,810	96,830	75,070	134,380	84,970	to	132,020
11-9013	Farmers, Ranchers & Other Agricultural Managers	WK EXP	39.67	82,520	79,070	64,240	91,520	70,500	to	89,280
11-9021	Construction Managers	BD+	57.18	118,940	105,750	77,320	139,450	84,840	to	134,500
11-9031	Education Admin., Preschool & Childcare Center/Program	BD+	24.90	51,800	48,360	37,290	58,950	39,520	to	60,130
11-9032	Education Administrators, Elementary & Secondary School	MD+	*	107,130	103,420	76,240	122,350	84,350	to	126,960
11-9033	Education Administrators, Postsecondary	MD+	50.27	104,570	95,600	64,610	124,250	75,780	to	123,990
11-9039	Education Administrators, Other	BD+	42.84	89,100	79,990	53,760	106,500	61,180	to	111,320
11-9041	Architectural & Engineering Managers	BD+	73.56	153,000	149,340	109,360	174,500	125,820	to	169,460
11-9051	Food Service Managers	WK EXP	31.41	65,340	60,930	45,550	75,080	51,980	to	73,070
11-9071	Gaming Managers	WK EXP	45.63	94,910	79,650	62,720	110,760	70,910	to	119,430
11-9072	Entertainment & Recreation Managers	BD+	38.87	80,860	80,810	61,320	90,480	68,020	to	91,620
11-9081	Lodging Managers	WK EXP	32.11	66,780	59,470	42,250	78,860	47,860	to	76,640
11-9111	Medical & Health Services Managers	BD+	58.13	120,910	103,790	74,170	143,930	81,890	to	131,260
11-9121	Natural Sciences Managers	BD+	57.88	120,400	99,270	61,730	149,290	74,220	to	153,610
11-9131	Postmasters & Mail Superintendents	WK EXP	40.62	84,490	82,780	74,270	89,530	77,900	to	90,960

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11-9141	Property, Real Estate & Community Association Managers	WK EXP	36.69	76,320	61,850	42,880	92,800	49,280	to	89,090
11-9151	Social & Community Service Managers	BD+	39.30	81,740	76,490	53,270	95,760	60,280	to	98,900
11-9161	Emergency Management Directors	BD+	37.53	78,070	73,520	51,010	91,390	58,740	to	89,980
11-9171	Funeral Home Managers	AD+	48.37	100,620	103,990	58,550	121,330	66,000	to	119,830
11-9179	Personal Service Managers, All Other	BD+	28.99	60,290	57,600	35,550	72,480	41,790	to	75,870
11-9199	Managers, Other	BD+	67.79	141,010	130,840	87,520	167,350	101,810	to	166,600
13-0000	Business & Financial Operations Occupations	#	38.60	80,280	72,020	46,220	97,060	53,260	to	95,910
13-1011	Agents & Business Managers of Artists, Performers & Athletes	BD+	30.88	64,230	62,290	36,200	78,030	45,960	to	91,400
13-1020	Buyers & Purchasing Agents	BD+	33.30	69,260	63,040	43,010	82,200	48,820	to	83,250
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	34.94	72,680	65,830	42,220	87,680	47,310	to	91,720
13-1032	Insurance Appraisers, Auto Damage	PS+	36.84	76,630	78,670	62,020	83,820	63,430	to	83,990
13-1041	Compliance Officers	BD+	35.56	73,960	70,080	46,990	87,240	53,750	to	92,160
13-1051	Cost Estimators	BD+	36.42	75,760	72,540	49,130	88,870	56,960	to	90,880
13-1071	Human Resources Specialists	BD	33.02	68,680	60,920	42,050	81,800	47,520	to	80,000
13-1075	Labor Relations Specialists	BD+	42.85	89,130	95,940	50,040	108,390	62,570	to	111,410
13-1081	Logisticians	BD	38.43	79,930	78,540	52,320	93,530	60,200	to	96,280

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13-1082	Project Management Specialists	BD	44.67	92,910	85,220	56,250	110,960	63,950	to	111,980
13-1111	Management Analysts	BD+	45.49	94,630	82,170	58,750	112,290	64,940	to	106,870
13-1121	Meeting, Convention & Event Planners	BD	27.99	58,220	55,030	37,250	68,550	43,180	to	69,990
13-1131	Fundraisers	BD	30.03	62,460	60,060	40,240	73,410	47,790	to	77,040
13-1141	Compensation, Benefits & Job Analysis Specialists	BD+	32.59	67,790	61,030	43,850	79,580	48,130	to	80,130
13-1151	Training & Development Specialists	BD+	35.66	74,180	61,150	41,140	90,460	46,660	to	82,850
13-1161	Market Research Analysts & Marketing Specialists	BD	32.01	66,580	60,950	39,090	80,120	45,950	to	79,670
13-1199	Business Operations Specialists, Other	BD	38.40	79,870	75,820	47,380	95,880	57,370	to	97,620
13-2011	Accountants & Auditors	BD	37.87	78,780	72,730	49,600	93,150	58,480	to	92,580
13-2020	Property Appraisers & Assessors	BD+	31.54	65,610	57,710	43,790	76,360	49,970	to	74,460
13-2031	Budget Analysts	BD	40.07	83,340	77,020	58,460	95,590	64,190	to	96,070
13-2041	Credit Analysts	BD	39.24	81,630	78,740	52,790	95,830	61,610	to	97,340
13-2051	Financial Analysts	BD	44.37	92,290	80,980	57,670	109,340	63,990	to	103,250
13-2052	Personal Financial Advisors	BD+	78.56	163,400	104,650	62,200	213,240	74,270	to	213,320
13-2053	Insurance Underwriters	BD+	43.40	90,260	79,040	53,260	108,490	61,290	to	103,880
13-2054	Financial Risk Specialists	BD	46.28	96,260	92,800	63,520	112,390	73,810	to	117,780

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13-2061	Financial Examiners	BD+	41.71	86,750	78,920	46,160	106,740	57,510	to	101,950
13-2071	Credit Counselors	BD+	23.52	48,930	45,790	37,490	54,570	38,950	to	53,410
13-2072	Loan Officers	BD+	39.06	81,240	74,910	44,310	99,430	49,870	to	93,810
13-2081	Tax Examiners, Collectors & Revenue Agents	BD+	27.60	57,400	53,750	37,440	67,230	42,750	to	64,940
13-2082	Tax Preparers	MT OJT	26.73	55,600	48,480	29,250	68,580	33,960	to	72,980
13-2099	Financial Specialists, Other	BD	37.62	78,250	71,660	48,720	92,800	55,520	to	94,930
15-0000	Computer & Mathematical Occupations	#	45.55	94,730	86,170	52,800	115,390	62,570	to	118,510
15-1211	Computer Systems Analysts	BD	46.03	95,740	88,410	63,130	111,800	73,790	to	114,450
15-1212	Information Security Analysts	BD+	48.26	100,370	99,200	58,680	120,910	74,480	to	127,470
15-1221	Computer & Information Research Scientists	MD	70.13	145,870	108,550	74,850	180,840	81,760	to	142,150
15-1231	Computer Network Support Specialists	AD	34.37	71,500	67,600	42,290	85,880	49,300	to	87,020
15-1232	Computer User Support Specialists	PS	29.43	61,210	56,130	38,310	72,490	44,800	to	71,620
15-1241	Computer Network Architects	BD+	50.35	104,740	102,680	66,750	123,450	73,580	to	127,660
15-1242	Database Administrators	BD	43.07	89,590	85,430	53,210	107,510	61,100	to	112,910
15-1243	Database Architects	BD	57.78	120,180	122,440	66,960	146,390	85,590	to	155,150
15-1244	Network & Computer Systems Administrators	BD	44.22	91,980	77,980	52,630	111,360	59,620	to	98,840

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15-1251	Computer Programmers	BD	46.92	97,590	86,350	59,830	116,180	68,480	to	116,390
15-1252	Software Developers	BD	55.66	115,770	107,170	74,020	136,330	84,330	to	135,270
15-1253	Software Quality Assurance Analysts & Testers	BD	41.61	86,550	83,660	54,880	102,150	63,510	to	104,630
15-1254	Web Developers	BD	41.94	87,230	76,040	49,680	105,720	56,800	to	100,480
15-1255	Web & Digital Interface Designers	BD	36.76	76,460	62,300	44,390	92,260	49,080	to	100,310
15-1299	Computer Occupations, All Other	BD	47.62	99,040	97,610	58,500	119,010	73,490	to	124,350
15-2011	Actuaries	BD+	59.09	122,910	104,230	73,130	147,420	81,720	to	144,440
15-2021	Mathematicians	MD	31.15	64,790	52,670	24,160	84,790	24,160	to	103,080
15-2031	Operations Research Analysts	BD	38.11	79,260	73,300	48,500	94,420	54,270	to	100,840
15-2041	Statisticians	MD	43.05	89,540	80,300	55,570	106,260	62,240	to	107,920
15-2051	Data Scientists	BD	46.12	95,940	91,330	59,530	113,870	70,300	to	122,150
17-0000	Architecture & Engineering Occupations	#	42.95	89,330	80,150	53,320	107,060	62,100	to	104,980
17-1011	Architects	BD+	42.28	87,930	79,640	55,580	103,870	62,810	to	102,270
17-1012	Landscape Architects	BD+	36.71	76,350	70,050	53,250	87,730	60,610	to	91,280
17-1021	Cartographers & Photogrammetrists	BD	31.38	65,260	68,160	43,360	76,050	48,960	to	74,880
17-1022	Surveyors	BD+	30.12	62,650	58,240	40,710	73,450	46,750	to	77,580

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17-2011	Aerospace Engineers	BD	56.84	118,230	107,820	84,570	134,810	95,980	to	133,870
17-2021	Agricultural Engineers	BD	46.80	97,340	94,620	80,260	105,760	83,870	to	100,530
17-2031	Biomedical Engineers	BD	44.01	91,550	84,900	62,850	105,680	70,230	to	108,230
17-2041	Chemical Engineers	BD	52.75	109,720	101,820	77,110	125,780	81,990	to	131,320
17-2051	Civil Engineers	BD	43.00	89,450	81,760	60,920	103,500	70,080	to	102,460
17-2061	Computer Hardware Engineers	BD	57.95	120,530	118,960	75,450	142,730	81,640	to	158,000
17-2071	Electrical Engineers	BD	50.54	105,120	101,470	69,010	122,910	78,950	to	126,220
17-2072	Electronics Engineers	BD	51.57	107,260	99,240	69,110	126,050	79,180	to	128,820
17-2081	Environmental Engineers	BD	44.58	92,730	91,800	54,770	111,420	64,830	to	111,320
17-2111	Health & Safety Engineers	BD	44.28	92,110	85,200	60,850	107,510	72,700	to	104,520
17-2112	Industrial Engineers	BD	41.83	87,010	80,300	61,250	99,700	66,760	to	101,800
17-2121	Marine Engineers & Naval Architects	BD	48.55	100,990	97,660	78,630	112,000	86,320	to	113,400
17-2131	Materials Engineers	BD	45.45	94,540	83,150	59,570	111,770	66,320	to	121,390
17-2141	Mechanical Engineers	BD	52.62	109,460	98,910	68,010	129,870	77,700	to	133,580
17-2151	Mining & Geological Engineers	BD	34.87	72,520	61,860	44,360	86,390	48,090	to	97,490
17-2161	Nuclear Engineers	BD	58.87	122,440	125,530	92,230	137,330	99,450	to	126,790

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17-2171	Petroleum Engineers	BD	46.53	96,770	81,100	64,820	112,510	78,230	to	130,470
17-2199	Engineers, Other	BD	48.39	100,660	98,830	64,540	118,440	78,600	to	126,590
17-3011	Architectural & Civil Drafters	AD	28.20	58,660	58,200	40,060	67,820	46,800	to	67,730
17-3012	Electrical & Electronics Drafters	AD	35.16	73,130	76,510	52,820	83,130	59,390	to	84,410
17-3013	Mechanical Drafters	AD	29.54	61,430	58,460	43,700	70,170	48,160	to	70,570
17-3019	Drafters, Other	AD	29.28	60,890	55,760	39,330	71,510	45,480	to	67,560
17-3021	Aerospace Engineering & Operations Technicians	AD	32.42	67,430	62,040	47,930	77,040	51,610	to	77,940
17-3022	Civil Engineering Technicians	AD	28.70	59,700	59,630	43,770	67,550	48,600	to	67,240
17-3023	Electrical & Electronic Engineering Technicians	AD	31.04	64,560	62,180	42,990	75,180	48,060	to	78,520
17-3024	Electro-Mechanical Technicians	AD	29.92	62,240	58,980	46,420	70,040	50,780	to	74,460
17-3025	Environmental Engineering Technicians	AD	25.74	53,540	50,820	39,290	60,550	40,850	to	58,900
17-3026	Industrial Engineering Technicians	AD	26.58	55,290	50,570	39,780	62,930	43,900	to	63,390
17-3027	Mechanical Engineering Technicians	AD	29.42	61,180	60,680	42,990	70,140	48,830	to	72,880
17-3028	Calibration Technologists & Technicians	AD	29.48	61,310	60,590	45,060	69,320	49,350	to	69,140
17-3029	Engineering Technicians, Other	AD	31.82	66,180	62,570	42,470	77,850	48,060	to	79,760
17-3031	Surveying & Mapping Technicians	MT OJT	24.64	51,250	48,820	36,610	58,460	40,670	to	60,880

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19-0000	Life, Physical & Social Science Occupations	#	36.50	75,920	66,280	44,240	91,520	50,370	to 92,930
19-1011	Animal Scientists	BD	29.16	60,650	57,360	42,410	69,640	45,930	to 73,990
19-1012	Food Scientists & Technologists	BD	43.86	91,240	93,850	62,370	105,450	71,460	to 106,660
19-1013	Soil & Plant Scientists	BD	35.01	72,810	66,730	49,920	84,080	54,810	to 81,670
19-1021	Biochemists & Biophysicists	DOCT	53.40	111,060	103,620	75,170	128,740	82,800	to 129,830
19-1022	Microbiologists	BD	31.80	66,150	57,510	42,610	77,750	46,170	to 83,730
19-1023	Zoologists & Wildlife Biologists	BD	32.75	68,110	63,220	48,830	77,610	50,550	to 80,040
19-1029	Biological Scientists, Other	BD	42.28	87,940	81,840	52,360	105,470	59,910	to 106,930
19-1031	Conservation Scientists	BD	28.47	59,230	55,950	39,320	69,030	46,160	to 69,410
19-1032	Foresters	BD	38.39	79,860	74,880	67,040	86,160	71,510	to 87,380
19-1041	Epidemiologists	MD	52.10	108,370	99,720	65,510	129,480	74,880	to 125,970
19-1042	Medical Scientists	DOCT	50.10	104,210	87,360	60,240	125,860	65,160	to 131,950
19-1099	Life Scientists, Other	BD	32.45	67,490	62,210	50,910	75,650	51,780	to 79,540
19-2012	Physicists	DOCT	93.83	195,160	213,680	124,530	#	163,560	to 229,560
19-2021	Atmospheric & Space Scientists	BD	41.59	86,510	79,350	63,400	97,890	71,700	to 80,980
19-2031	Chemists	BD	37.94	78,910	65,990	51,780	92,270	60,050	to 95,510

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19-2032	Materials Scientists	BD	48.60	101,100	91,510	58,230	122,210	65,790	to	137,250
19-2041	Environmental Scientists & Specialists	BD	34.43	71,610	65,670	41,410	86,490	48,390	to	91,200
19-2042	Geoscientists	BD	37.10	77,170	72,340	45,790	92,620	48,970	to	92,600
19-2043	Hydrologists	BD	37.24	77,450	75,980	43,550	94,150	48,980	to	97,770
19-2099	Physical Scientists, Other	BD	47.35	98,490	95,370	44,930	124,870	53,640	to	134,010
19-3011	Economists	MD	49.37	102,700	98,390	63,430	122,040	77,010	to	127,090
19-3022	Survey Researchers	MD	23.61	49,100	38,350	31,090	57,970	33,080	to	61,530
19-3033	Clinical & Counseling Psychologists	DOCT	35.43	73,700	68,800	44,740	87,970	53,710	to	84,610
19-3034	School Psychologists	DOCT	41.45	86,220	82,370	61,370	98,450	69,470	to	104,300
19-3039	Psychologists, Other	MD+	45.25	94,120	97,930	57,210	112,290	72,690	to	120,270
19-3051	Urban & Regional Planners	MD	34.40	71,550	67,730	49,540	82,400	57,140	to	83,200
19-3091	Anthropologists & Archeologists	MD	27.82	57,870	47,850	41,460	65,950	42,910	to	77,120
19-3092	Geographers	BD	43.11	89,670	93,510	55,490	106,500	59,240	to	112,720
19-3093	Historians	MD	34.64	72,050	67,120	53,580	81,150	58,060	to	82,690
19-3094	Political Scientists	MD	31.07	64,630	64,190	33,300	80,060	44,620	to	85,470
19-3099	Social Scientists & Related Workers, Other	BD	36.35	75,610	77,230	39,540	93,370	47,270	to	95,530

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- No data available due to limitations in methodology

PENNSYLVANIA OCCUPATIONAL WAGES

STATEWIDE

MAY 2022

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 (\$)		
19-4012	Agricultural Technicians	AD+	25.14	52,300	52,240	32,870	61,870	34,690	to	66,530
19-4013	Food Science Technicians	AD+	22.39	46,580	46,400	38,030	50,790	40,010	to	50,440
19-4021	Biological Technicians	BD	28.45	59,180	59,450	39,740	68,760	46,390	to	66,110
19-4031	Chemical Technicians	AD+	27.14	56,440	51,730	37,110	65,960	41,290	to	64,510
19-4042	Environmental Science & Protection Technicians	AD	27.41	57,000	52,580	37,720	66,500	43,320	to	66,660
19-4043	Geological Technicians	AD+	23.42	48,720	44,560	41,820	52,120	44,390	to	44,640
19-4044	Hydrologic Technicians	AD+	34.19	71,110	77,230	49,250	81,880	55,160	to	83,830
19-4051	Nuclear Technicians	AD+	45.55	94,740	103,340	62,070	110,830	73,590	to	108,410
19-4061	Social Science Research Assistants	BD	22.10	45,970	46,770	24,470	56,560	30,910	to	57,440
19-4071	Forest & Conservation Technicians	AD	25.91	53,890	53,790	41,170	60,150	44,790	to	61,360
19-4092	Forensic Science Technicians	BD+	26.36	54,820	49,910	36,160	64,010	37,480	to	64,250
19-4099	Life, Physical & Social Science Technicians, Other	AD	26.29	54,690	47,220	35,820	63,980	37,650	to	64,280
19-5011	Occupational Health & Safety Specialists	BD	37.10	77,180	74,970	53,810	88,680	62,750	to	90,990
19-5012	Occupational Health & Safety Technicians	MT OJT	27.17	56,520	53,790	41,760	63,790	47,730	to	61,860
21-0000	Community & Social Services Occupations	#	24.99	51,980	47,710	33,860	60,900	37,890	to	62,370
21-1012	Educational, Guidance, School & Vocational Counselors	MD	31.77	66,080	61,760	43,570	77,170	48,930	to	78,560

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PENNSYLVANIA OCCUPATIONAL WAGES

STATEWIDE

MAY 2022

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 (\$)		
21-1013	Marriage & Family Therapists	MD+	27.68	57,570	57,460	41,770	65,350	46,260	to	66,140
21-1015	Rehabilitation Counselors	MD	20.16	41,930	35,870	27,870	48,850	29,990	to	47,120
21-1018	Substance Abuse, Behavioral Disorder & Mental Health Counselors	BD	24.83	51,650	46,630	35,070	59,820	38,420	to	61,160
21-1019	Counselors, Other	MD	27.98	58,200	60,010	40,050	67,150	47,080	to	70,080
21-1021	Child, Family & School Social Workers	BD	25.11	52,230	48,520	36,170	60,140	39,560	to	62,030
21-1022	Healthcare Social Workers	MD+	30.01	62,410	60,710	45,660	70,660	49,330	to	72,870
21-1023	Mental Health & Substance Abuse Social Workers	MD+	22.29	46,360	44,040	33,190	52,840	36,540	to	53,400
21-1029	Social Workers, Other	BD	35.48	73,800	75,030	51,460	84,810	59,810	to	88,570
21-1091	Health Educators	BD	33.25	69,170	68,620	43,580	81,770	49,730	to	83,200
21-1092	Probation Officers & Correctional Treatment Specialists	BD	29.74	61,850	62,280	44,270	70,510	49,870	to	71,680
21-1093	Social & Human Service Assistants	ST OJT	19.51	40,580	38,450	29,140	46,210	32,180	to	47,110
21-1094	Community Health Workers	ST OJT	22.01	45,790	44,600	32,960	52,110	37,490	to	50,470
21-1099	Community & Social Service Specialists, Other	BD	31.11	64,710	60,380	39,690	77,030	45,910	to	88,260
21-2011	Clergy	BD+	25.89	53,850	52,440	32,850	64,190	38,990	to	64,190
21-2021	Directors, Religious Activities & Education	BD+	23.64	49,160	47,440	27,100	60,040	33,950	to	60,760
21-2099	Religious Workers, Other	BD	20.09	41,780	30,520	26,000	49,550	28,050	to	52,390

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PENNSYLVANIA OCCUPATIONAL WAGES

STATEWIDE

MAY 2022

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 (\$)	
23-0000	Legal Occupations	#	52.62	109,460	80,740	48,780	139,340	58,330	to 131,780
23-1011	Lawyers	DOCT	69.50	144,570	116,310	68,210	182,180	81,210	to 172,870
23-1012	Judicial Law Clerks	DOCT	24.00	49,920	49,880	36,590	56,490	39,500	to 53,520
23-1021	Administrative Law Judges, Adjudicators & Hearing Officers	DOCT	44.00	91,510	85,470	59,970	107,050	64,610	to 113,800
23-1022	Arbitrators, Mediators & Conciliators	BD+	34.62	72,010	63,640	52,980	81,380	55,690	to 83,300
23-2011	Paralegals & Legal Assistants	AD	31.12	64,730	62,080	42,300	75,770	47,790	to 76,330
23-2093	Title Examiners, Abstractors & Searchers	MT OJT	24.03	49,980	48,070	33,890	57,900	37,470	to 62,120
23-2099	Legal Support Workers, Other	AD	36.30	75,490	62,970	46,750	89,650	54,270	to 89,240
25-0000	Education, Training & Library Occupations	#	31.75	66,040	60,930	32,650	82,480	37,760	to 79,790
25-1011	Business Teachers, Postsecondary	DOCT	*	109,690	94,140	50,520	138,840	60,780	to 137,260
25-1021	Computer Science Teachers, Postsecondary	DOCT	*	100,270	92,650	54,620	122,760	62,760	to 128,220
25-1022	Mathematical Science Teachers, Postsecondary	DOCT	*	87,390	77,300	52,140	104,750	60,500	to 99,660
25-1031	Architecture Teachers, Postsecondary	DOCT	*	115,040	103,540	55,660	144,290	75,170	to 137,040
25-1032	Engineering Teachers, Postsecondary	DOCT	*	120,100	106,230	70,580	144,490	82,210	to 139,050
25-1041	Agricultural Sciences Teachers, Postsecondary	DOCT	*	82,120	77,180	48,160	98,840	61,870	to 100,320
25-1042	Biological Science Teachers, Postsecondary	DOCT	*	94,480	78,660	55,520	113,670	62,410	to 106,390

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PENNSYLVANIA OCCUPATIONAL WAGES

STATEWIDE

MAY 2022

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 (\$)		
25-1043	Forestry & Conservation Science Teachers, Postsecondary	DOCT	*	100,180	105,180	73,720	113,210	83,580	to	113,620
25-1051	Atmospheric, Earth, Marine & Space Sciences Teachers, Postsecondary	DOCT	*	97,300	95,500	55,360	117,960	62,250	to	118,860
25-1052	Chemistry Teachers, Postsecondary	DOCT	*	95,940	80,350	57,780	114,740	63,450	to	108,640
25-1053	Environmental Science Teachers, Postsecondary	DOCT	*	92,270	78,800	54,250	111,000	64,090	to	105,870
25-1054	Physics Teachers, Postsecondary	DOCT	*	101,750	96,210	60,800	121,920	68,340	to	124,230
25-1061	Anthropology & Archeology Teachers, Postsecondary	DOCT	*	93,730	85,000	54,270	113,170	63,020	to	101,480
25-1062	Area, Ethnic & Cultural Studies Teachers, Postsecondary	DOCT	*	95,380	85,210	53,250	116,140	61,540	to	105,920
25-1063	Economics Teachers, Postsecondary	DOCT	*	122,200	102,770	66,210	149,780	79,690	to	158,430
25-1064	Geography Teachers, Postsecondary	DOCT	*	88,150	78,970	54,770	104,590	62,220	to	105,560
25-1065	Political Science Teachers, Postsecondary	DOCT	*	95,260	83,770	63,740	110,780	77,500	to	103,730
25-1066	Psychology Teachers, Postsecondary	DOCT	*	86,520	78,990	52,020	103,510	61,670	to	99,670
25-1067	Sociology Teachers, Postsecondary	DOCT	*	92,460	82,100	51,590	112,590	62,090	to	107,960
25-1069	Social Sciences Teachers, Postsecondary, Other	DOCT	*	78,940	66,070	38,470	98,860	52,180	to	104,100
25-1071	Health Specialties Teachers, Postsecondary	DOCT	*	105,060	83,430	47,590	133,370	60,820	to	109,220
25-1072	Nursing Instructors & Teachers, Postsecondary	DOCT	*	88,960	81,760	57,940	104,230	63,480	to	106,140
25-1081	Education Teachers, Postsecondary	DOCT	*	74,190	64,580	41,590	90,250	49,510	to	96,500

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PENNSYLVANIA OCCUPATIONAL WAGES

STATEWIDE

MAY 2022

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 (\$)		
25-1082	Library Science Teachers, Postsecondary	DOCT	*	78,930	78,100	54,870	90,790	63,690	to	95,180
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	DOCT	*	77,190	65,160	48,150	91,490	59,670	to	96,600
25-1112	Law Teachers, Postsecondary	DOCT	*	129,310	104,920	44,730	170,970	54,960	to	177,650
25-1113	Social Work Teachers, Postsecondary	DOCT	*	78,730	76,140	47,420	94,150	59,280	to	95,500
25-1121	Art, Drama & Music Teachers, Postsecondary	MD	*	96,970	92,070	50,220	119,990	60,020	to	129,780
25-1122	Communications Teachers, Postsecondary	DOCT	*	81,800	75,690	48,910	98,000	57,260	to	98,880
25-1123	English Language & Literature Teachers, Postsecondary	DOCT	*	84,790	76,700	49,290	102,280	57,950	to	102,090
25-1124	Foreign Language & Literature Teachers, Postsecondary	DOCT	*	84,580	77,700	53,820	99,730	60,850	to	99,960
25-1125	History Teachers, Postsecondary	DOCT	*	93,280	81,990	59,300	110,020	66,870	to	107,280
25-1126	Philosophy & Religion Teachers, Postsecondary	DOCT	*	80,470	76,040	46,300	97,300	52,870	to	98,300
25-1192	Home Economics Teachers, Postsecondary	DOCT	*	77,100	65,210	48,960	90,950	57,880	to	87,130
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	DOCT	*	75,110	74,270	47,110	88,910	58,340	to	91,320
25-1194	Vocational Education Teachers, Postsecondary	BD+	32.61	67,830	60,440	41,230	80,930	46,750	to	85,650
25-1199	Postsecondary Teachers, Other	DOCT	*	86,870	76,300	38,680	110,600	48,260	to	105,500
25-2011	Preschool Teachers	AD	15.92	33,120	30,520	26,230	36,510	28,910	to	36,000
25-2012	Kindergarten Teachers	BD	*	68,170	63,940	48,930	77,650	57,160	to	79,250

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PENNSYLVANIA OCCUPATIONAL WAGES

STATEWIDE

MAY 2022

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 (\$)		
25-2021	Elementary School Teachers	BD	*	69,700	67,000	49,760	79,520	59,710	to	79,660
25-2022	Middle School Teachers	BD	*	71,140	64,750	47,300	82,890	52,950	to	80,710
25-2023	Career/Technical Education Teachers, Middle School	BD+	*	84,300	80,900	57,790	97,350	64,410	to	106,330
25-2031	Secondary School Teachers	BD	*	73,810	75,940	51,990	84,560	60,260	to	81,520
25-2032	Career/Technical Education Teachers, Secondary School	BD+	*	73,070	73,180	54,220	82,350	60,950	to	82,220
25-2051	Special Education Teachers, Preschool	BD	*	63,310	65,010	45,580	72,040	56,650	to	76,610
25-2052	Special Education Teachers, Kindergarten & Elementary School	BD	*	69,450	63,080	50,180	78,940	53,410	to	77,970
25-2057	Special Education Teachers, Middle School	BD	*	78,310	77,770	53,410	90,580	58,700	to	102,000
25-2058	Special Education Teachers, Secondary School	BD	*	66,880	62,820	46,690	76,830	50,840	to	78,710
25-2059	Special Education Teachers, Other	BD	*	60,000	57,760	35,480	72,070	43,000	to	81,970
25-3011	Adult Basic & Secondary Education & Literacy Teachers	BD	25.52	53,070	48,270	37,650	60,670	42,050	to	56,930
25-3021	Self-Enrichment Education Teachers	WK EXP	20.13	41,870	35,750	24,080	50,630	27,810	to	51,610
25-3031	Substitute Teachers (Short-Term)	BD	18.55	38,580	30,090	25,640	44,950	28,320	to	36,550
25-3041	Tutors	BD	18.25	37,960	32,420	22,060	45,800	24,910	to	48,230
25-3099	Teachers & Instructors, Other	BD	*	61,190	66,680	31,120	76,000	38,440	to	77,940
25-4011	Archivists	MD	26.72	55,580	50,110	33,660	66,380	39,010	to	66,620

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PENNSYLVANIA OCCUPATIONAL WAGES

STATEWIDE

MAY 2022

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25-4012	Curators	MD	30.65	63,760	59,930	38,530	76,190	44,060	to	76,900
25-4013	Museum Technicians & Conservators	BD	25.98	54,050	48,200	33,280	64,280	37,130	to	63,210
25-4022	Librarians & Media Collections Specialists	MD	28.19	58,640	57,890	34,400	70,580	39,340	to	75,060
25-4031	Library Technicians	PS	19.14	39,810	37,130	23,820	47,690	26,910	to	48,820
25-9031	Instructional Coordinators	MD+	34.21	71,150	65,820	45,880	83,600	50,020	to	83,480
25-9044	Teaching Assistants, Postsecondary	BD	*	40,860	36,870	25,500	48,430	28,920	to	48,850
25-9045	Teaching Assistants, Non-Postsecondary	PS	*	30,980	30,020	23,010	34,900	25,670	to	36,060
25-9099	Education, Training & Library Workers, Other	BD	20.58	42,810	37,530	22,010	53,050	27,820	to	56,420
27-0000	Arts, Design, Entertainment, Sports & Media Occupations	#	28.57	59,420	50,420	30,610	73,610	35,970	to	71,250
27-1011	Art Directors	BD+	42.99	89,430	80,560	54,630	106,570	62,450	to	108,540
27-1012	Craft Artists	LT OJT	24.64	51,240	48,650	40,140	56,710	47,760	to	58,000
27-1014	Multimedia Artists & Animators	BD	26.24	54,570	52,610	30,260	66,550	35,280	to	67,120
27-1019	Artists & Related Workers, Other	LT OJT	33.57	69,820	70,620	38,320	85,330	42,880	to	89,590
27-1021	Commercial & Industrial Designers	BD	35.93	74,720	71,770	50,520	86,650	58,030	to	90,250
27-1023	Floral Designers	MT OJT	15.61	32,460	29,450	22,170	37,530	23,560	to	36,930
27-1024	Graphic Designers	BD	27.10	56,360	53,130	34,670	67,040	40,050	to	67,870

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MAY 2022

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27-1025	Interior Designers	BD	31.60	65,730	63,490	43,690	76,590	48,490	to	79,480
27-1026	Merchandise Displayers & Window Trimmers	ST OJT	17.63	36,670	33,640	28,580	40,660	30,480	to	40,900
27-1027	Set & Exhibit Designers	BD	22.41	46,610	39,760	32,980	53,320	36,730	to	54,670
27-1029	Designers, Other	BD	34.68	72,130	64,240	39,750	88,080	45,740	to	80,480
27-2011	Actors	PS+	27.37	#	#	#	#	#	to	#
27-2012	Producers & Directors	BD+	40.57	84,390	74,100	42,340	105,100	49,280	to	102,040
27-2021	Athletes & Sports Competitors	LT OJT	*	75,990	74,500	35,830	95,770	45,980	to	108,500
27-2022	Coaches & Scouts	BD	*	54,970	39,780	23,860	70,300	27,990	to	57,980
27-2023	Umpires, Referees & Other Sports Officials	MT OJT	*	39,990	41,770	20,390	49,640	21,250	to	47,300
27-2031	Dancers	LT OJT	20.51	#	#	#	#	#	to	#
27-2041	Music Directors & Composers	BD+	26.86	55,870	38,600	23,610	71,760	27,040	to	59,380
27-2042	Musicians & Singers	LT OJT	49.56	#	#	#	#	#	to	#
27-2091	Disc Jockeys	ST OJT	30.34	#	#	#	#	#	to	#
27-2099	Entertainers & Performers, Sports & Related Workers, Other	ST OJT	29.40	#	#	#	#	#	to	#
27-3011	Radio & Television Announcers	BD	24.80	51,580	37,610	22,540	65,880	25,170	to	59,840
27-3031	Public Relations Specialists	BD	32.36	67,300	62,730	39,740	80,880	46,890	to	81,680

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27-3041	Editors	BD+	33.84	70,380	61,140	39,760	85,470	45,830	to	85,640
27-3042	Technical Writers	BD+	36.06	74,990	68,820	48,640	87,980	53,500	to	91,020
27-3043	Writers & Authors	BD+	28.87	60,050	49,980	37,580	71,120	43,080	to	74,800
27-3091	Interpreters & Translators	BD	26.52	55,170	55,340	37,180	64,030	40,770	to	63,920
27-3092	Court Reporters & Simultaneous Captioners	PS	29.09	60,500	61,750	45,350	67,970	50,530	to	68,900
27-3099	Media & Communication Workers, Other	ST OJT	28.91	60,130	50,700	34,260	72,870	40,440	to	77,350
27-4011	Audio & Video Equipment Technicians	PS	25.62	53,290	48,270	34,330	62,620	39,060	to	64,030
27-4012	Broadcast Technicians	AD	23.84	49,590	47,440	27,680	60,380	33,130	to	60,800
27-4014	Sound Engineering Technicians	PS	27.99	58,210	57,360	40,040	67,160	50,030	to	71,000
27-4015	Lighting Technicians	ST OJT	28.52	59,320	58,840	40,190	68,730	44,600	to	71,000
27-4021	Photographers	MT OJT	20.13	41,860	36,850	28,580	48,400	30,290	to	49,210
27-4031	Camera Operators: TV, Video & Motion Picture	BD	24.71	51,400	47,930	26,980	63,430	30,480	to	58,670
27-4032	Film & Video Editors	BD	28.86	60,030	54,060	41,250	69,280	45,760	to	70,570
27-4099	Media & Communication Equipment Workers, Other	ST OJT	34.59	71,950	64,250	35,760	89,780	40,140	to	98,800
29-0000	Healthcare Practitioners & Technical Occupations	#	43.18	89,820	74,120	45,120	111,830	53,790	to	96,670
29-1011	Chiropractors	DOCT	32.39	67,370	59,960	41,790	79,960	52,000	to	78,860

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PENNSYLVANIA OCCUPATIONAL WAGES

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MAY 2022

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29-1021	Dentists, General	DOCT	83.80	174,310	151,500	88,960	216,350	104,410	to	208,000
29-1029	Dentists, Other Specialists	DOCT	79.72	165,820	183,730	71,420	212,320	73,410	to	221,690
29-1031	Dietitians & Nutritionists	BD+	31.53	65,580	63,320	48,840	73,830	55,530	to	76,650
29-1041	Optometrists	DOCT	65.49	136,220	130,000	72,940	167,390	96,790	to	160,580
29-1051	Pharmacists	DOCT	60.48	125,790	130,280	96,500	140,220	122,270	to	137,760
29-1071	Physician Assistants	MD	52.95	110,140	109,100	81,110	124,440	99,020	to	126,110
29-1081	Podiatrists	DOCT	70.13	145,870	130,850	95,360	170,750	105,900	to	175,830
29-1122	Occupational Therapists	MD	42.58	88,560	87,930	65,280	100,030	75,110	to	102,220
29-1123	Physical Therapists	DOCT	46.87	97,490	97,510	73,790	109,150	80,450	to	107,370
29-1124	Radiation Therapists	AD	43.19	89,840	90,470	71,120	99,050	75,980	to	99,480
29-1125	Recreational Therapists	BD	25.64	53,340	52,580	38,400	60,690	44,300	to	61,250
29-1126	Respiratory Therapists	AD	32.81	68,230	65,860	55,240	74,630	60,330	to	77,360
29-1127	Speech-Language Pathologists	MD+	41.15	85,600	81,560	58,200	99,090	65,520	to	101,880
29-1128	Exercise Physiologists	BD	26.73	55,610	57,810	44,650	61,000	47,460	to	64,690
29-1129	Therapists, Other	BD	24.53	51,020	44,250	37,730	57,570	40,210	to	56,250
29-1131	Veterinarians	DOCT	56.27	117,050	103,810	76,220	137,160	84,140	to	131,460

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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 (\$)		
29-1141	Registered Nurses	BD	38.76	80,630	78,740	62,360	89,630	66,970	to	93,910
29-1151	Nurse Anesthetists	MD	97.89	203,620	190,510	171,940	219,220	174,970	to	215,310
29-1161	Nurse Midwives	MD	54.61	113,580	118,640	86,810	126,760	97,510	to	130,990
29-1171	Nurse Practitioners	MD	57.96	120,550	116,980	91,490	134,870	101,480	to	129,810
29-1181	Audiologists	DOCT	44.24	92,010	83,220	64,140	105,740	73,540	to	98,770
29-1212	Cardiologists	DOCT	229.97	478,340	#	342,180	#	#	to	#
29-1214	Emergency Medicine Physicians	DOCT	171.38	356,460	#	174,600	#	#	to	#
29-1215	Family Medicine Physicians	DOCT	111.57	232,070	212,800	102,830	295,720	137,210	to	#
29-1216	General Internal Medicine Physicians	DOCT	148.60	309,080	#	174,160	#	223,790	to	#
29-1218	Obstetricians & Gynecologists	DOCT	164.93	343,050	#	194,610	#	#	to	#
29-1221	Pediatricians, General	DOCT	95.70	199,060	193,440	109,910	242,970	162,870	to	#
29-1223	Psychiatrists	DOCT	140.98	293,230	#	130,490	#	175,330	to	#
29-1224	Radiologists	DOCT	180.99	376,470	#	199,690	#	#	to	#
29-1249	Surgeons, All Other	DOCT	174.65	363,270	#	74,980	#	76,150	to	#
29-1292	Dental Hygienists	AD	36.32	75,550	76,770	61,160	82,640	64,310	to	81,670
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	MD	39.14	81,400	68,410	56,480	93,680	65,130	to	89,980

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29-2010	Clinical Laboratory Technologists & Technicians	BD	27.37	56,920	56,630	38,550	65,970	41,580	to	66,700
29-2031	Cardiovascular Technologists & Technicians	AD	30.64	63,740	58,280	37,600	76,610	39,270	to	77,760
29-2032	Diagnostic Medical Sonographers	AD	36.30	75,500	76,440	60,300	82,980	63,530	to	80,670
29-2033	Nuclear Medicine Technologists	AD	37.48	77,950	77,090	60,190	86,700	63,900	to	93,310
29-2034	Radiologic Technologists	AD	31.03	64,550	62,400	50,020	71,700	55,030	to	74,790
29-2035	Magnetic Resonance Imaging Technologists	AD+	35.74	74,340	78,190	55,730	83,510	64,630	to	83,030
29-2036	Medical Dosimetrists	PS	65.65	136,540	137,050	122,100	143,660	129,270	to	147,820
29-2042	Emergency Medical Technicians	PS	17.06	35,470	34,880	27,850	39,230	29,740	to	38,230
29-2043	Paramedics	PS	25.41	52,850	49,420	39,600	59,370	44,990	to	59,220
29-2051	Dietetic Technicians	AD	17.88	37,200	35,550	30,040	40,730	31,960	to	39,510
29-2052	Pharmacy Technicians	MT OJT	17.74	36,890	36,310	28,680	40,930	30,430	to	40,730
29-2053	Psychiatric Technicians	PS+	16.90	35,150	34,760	30,320	37,530	31,590	to	36,700
29-2055	Surgical Technologists	PS	25.47	52,980	50,020	44,440	57,190	47,400	to	58,840
29-2056	Veterinary Technologists & Technicians	AD	20.26	42,140	39,220	32,380	46,950	36,470	to	46,860
29-2057	Ophthalmic Medical Technicians	PS	19.63	40,820	37,440	32,800	44,770	34,380	to	46,240
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	26.21	54,520	54,370	45,090	59,170	48,380	to	60,140

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29-2072	Medical Records Specialists	PS	23.11	48,070	45,660	35,410	54,310	37,710	to	55,190
29-2081	Opticians, Dispensing	LT OJT	18.22	37,900	36,530	29,140	42,210	30,970	to	42,900
29-2091	Orthotists & Prosthetists	MD+	41.14	85,580	77,400	50,540	102,840	57,450	to	103,100
29-2092	Hearing Aid Specialists	MT OJT	23.35	48,570	40,400	33,580	55,960	34,840	to	61,400
29-2099	Health Technologists & Technicians, Other	PS	23.45	48,770	44,420	35,290	55,410	37,350	to	57,300
29-9021	Health Information Technologists & Medical Registrars	PS	32.65	67,910	69,520	40,830	81,260	45,850	to	85,520
29-9091	Athletic Trainers	BD	*	52,750	48,780	43,590	57,260	45,890	to	57,580
29-9092	Genetic Counselors	MD	36.90	76,750	79,120	60,230	84,890	74,930	to	83,000
29-9093	Surgical Assistants	PS	34.29	71,310	60,720	40,800	86,350	43,600	to	79,920
29-9099	Healthcare Practitioners & Technical Workers, Other	PS	31.99	66,550	61,490	33,640	82,760	35,000	to	82,440
31-0000	Healthcare Support Occupations	#	15.92	33,120	30,900	25,040	37,100	27,110	to	37,120
31-1120	Home Health & Personal Care Aides	ST OJT	13.82	28,750	27,770	23,760	31,210	25,400	to	30,710
31-1131	Nursing Assistants	PS	17.50	36,400	36,340	30,960	39,080	33,700	to	38,700
31-1132	Orderlies	ST OJT	17.53	36,450	36,150	31,900	38,700	34,660	to	37,490
31-1133	Psychiatric Aides	ST OJT	21.49	44,690	39,580	33,480	50,210	36,290	to	51,500
31-2011	Occupational Therapy Assistants	AD	27.68	57,580	58,610	44,710	63,920	50,220	to	63,300

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31-2012	Occupational Therapy Aides	ST OJT	20.20	42,020	32,190	24,540	50,630	26,870	to	62,210
31-2021	Physical Therapist Assistants	AD	27.13	56,430	58,190	41,860	63,600	47,410	to	63,450
31-2022	Physical Therapist Aides	ST OJT	15.62	32,490	31,200	26,000	35,680	28,330	to	34,340
31-9011	Massage Therapists	PS	28.50	59,280	58,940	34,330	71,570	42,870	to	72,810
31-9091	Dental Assistants	PS	21.51	44,740	45,160	33,960	50,060	36,900	to	49,100
31-9092	Medical Assistants	PS	18.73	38,950	37,230	32,530	42,110	35,190	to	43,920
31-9093	Medical Equipment Preparers	MT OJT	20.34	42,310	39,820	35,090	45,870	37,860	to	44,840
31-9094	Medical Transcriptionists	PS	19.50	40,550	40,850	28,270	46,590	33,650	to	47,100
31-9095	Pharmacy Aides	ST OJT	16.44	34,190	35,860	26,460	38,000	29,000	to	37,920
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	ST OJT	15.86	32,980	32,570	26,620	36,110	28,860	to	36,230
31-9097	Phlebotomists	PS	19.43	40,410	39,090	34,320	43,410	36,770	to	45,070
31-9099	Healthcare Support Workers, Other	ST OJT	19.38	40,300	36,760	31,160	44,810	33,380	to	45,140
33-0000	Protective Service Occupations	#	25.42	52,870	44,400	27,470	65,370	29,840	to	73,030
33-1011	Supervisors - Correctional Officers	WK EXP	42.40	88,190	86,500	67,960	98,160	76,350	to	97,470
33-1012	Supervisors - Police & Detectives	WK EXP	47.21	98,210	94,010	69,440	112,370	80,460	to	118,100
33-1021	Supervisors - Fire Fighting & Prevention	PS+	41.97	87,290	91,010	67,730	96,920	79,380	to	93,230

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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 (\$)		
33-1091	Supervisors - Security Workers	WK EXP	28.07	58,380	55,140	38,980	67,940	45,100	to	67,880
33-1099	Supervisors - Other Protective Service Workers	WK EXP	33.93	70,570	67,290	52,330	79,550	59,880	to	78,270
33-2011	Firefighters	PS+	29.46	61,290	66,110	38,940	72,290	45,380	to	77,870
33-2021	Fire Inspectors & Investigators	PS+	28.15	58,550	56,330	42,020	66,690	44,840	to	64,020
33-3011	Bailiffs	MT OJT	20.07	41,740	46,280	27,000	49,000	30,830	to	46,280
33-3012	Correctional Officers & Jailers	MT OJT	27.97	58,190	54,450	43,970	65,190	47,900	to	71,410
33-3021	Detectives & Criminal Investigators	WK EXP	45.26	94,140	86,280	66,600	107,710	75,420	to	108,070
33-3031	Fish & Game Wardens	BD+	24.10	50,130	49,710	38,220	55,990	44,510	to	59,340
33-3041	Parking Enforcement Workers	ST OJT	17.43	36,250	36,960	28,450	40,090	30,680	to	40,440
33-3051	Police & Sheriff's Patrol Officers	MT OJT	36.18	75,260	78,390	50,490	87,460	60,950	to	91,060
33-3052	Transit & Railroad Police	MT OJT	27.15	56,470	62,900	43,290	62,960	49,410	to	62,900
33-9011	Animal Control Workers	MT OJT	23.90	49,710	49,690	37,860	55,540	42,160	to	58,740
33-9021	Private Detectives & Investigators	WK EXP	28.37	59,000	49,720	33,210	71,710	36,560	to	68,130
33-9031	Gaming Surveillance Officers & Gaming Investigators	WK EXP	22.95	47,730	46,350	35,380	53,810	36,280	to	60,850
33-9032	Security Guards	ST OJT	17.29	35,960	30,390	25,220	41,260	28,140	to	37,780
33-9091	Crossing Guards	ST OJT	16.87	35,090	30,960	27,030	39,060	28,780	to	36,950

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PENNSYLVANIA OCCUPATIONAL WAGES

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33-9092	Lifeguards, Ski Patrol & Other Recreational Protective Service	ST OJT	11.95	24,850	22,830	19,930	27,270	21,070	to	28,390
33-9093	Transportation Security Screeners	ST OJT	24.21	50,360	50,650	42,710	54,130	44,510	to	53,620
33-9094	School Bus Monitors	ST OJT	13.41	27,880	27,520	22,450	30,560	23,850	to	30,040
33-9099	Protective Service Workers, Other	ST OJT	17.61	36,620	34,540	24,560	42,560	27,540	to	41,970
35-0000	Food Preparation & Serving Related Occupations	#	14.17	29,460	27,720	20,130	34,060	22,060	to	34,190
35-1011	Chefs & Head Cooks	WK EXP	29.65	61,660	58,920	43,470	70,630	47,110	to	74,410
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	19.32	40,190	36,350	28,340	46,020	30,610	to	46,380
35-2011	Cooks, Fast Food	ST OJT	11.65	24,220	22,650	18,660	26,960	20,000	to	28,400
35-2012	Cooks, Institution & Cafeteria	ST OJT	16.34	33,990	34,470	25,510	38,170	28,300	to	38,140
35-2013	Cooks, Private Household	PS+	13.85	28,800	27,940	27,940	29,220	27,940	to	27,940
35-2014	Cooks, Restaurant	MT OJT	15.09	31,400	29,950	23,250	35,410	27,140	to	35,900
35-2015	Cooks, Short Order	ST OJT	12.79	26,610	26,460	20,210	29,760	21,270	to	28,750
35-2019	Cooks, Other	MT OJT	17.25	35,870	36,210	31,160	38,190	32,370	to	38,480
35-2021	Food Preparation Workers	ST OJT	13.82	28,750	27,750	21,820	32,160	23,340	to	33,490
35-3011	Bartenders	ST OJT	12.65	26,310	21,920	17,460	30,680	18,010	to	28,240
35-3023	Fast Food & Counter Workers	ST OJT	12.18	25,330	25,260	20,040	27,930	21,800	to	28,340

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35-3031	Waiters & Waitresses	ST OJT	14.68	30,520	28,440	18,790	36,300	21,010	to	35,690
35-3041	Food Servers, Nonrestaurant	ST OJT	14.17	29,470	28,740	23,230	32,540	25,120	to	33,960
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	ST OJT	12.58	26,170	24,520	19,010	29,690	20,560	to	29,940
35-9021	Dishwashers	ST OJT	12.69	26,400	26,370	19,940	29,570	21,990	to	29,760
35-9031	Hosts & Hostesses: Restaurant, Lounge & Coffee Shop	ST OJT	12.27	25,510	25,010	19,550	28,450	21,650	to	28,880
35-9099	Food Preparation & Serving Related Workers, Other	ST OJT	13.96	29,040	26,740	19,070	33,950	19,990	to	33,860
37-0000	Building & Grounds Cleaning & Maintenance Occupations	#	16.76	34,860	33,340	25,020	39,700	28,100	to	38,230
37-1011	Supervisors - Housekeeping & Janitorial Workers	WK EXP	22.52	46,850	44,440	32,080	54,130	35,970	to	55,770
37-1012	Supervisors - Landscaping & Groundskeeping Workers	WK EXP	24.63	51,220	47,450	38,170	57,650	41,770	to	57,390
37-2011	Janitors & Cleaners	ST OJT	16.13	33,550	31,520	24,660	37,920	27,820	to	37,110
37-2012	Maids & Housekeeping Cleaners	ST OJT	14.37	29,880	28,790	23,230	33,150	24,960	to	34,270
37-2019	Building Cleaning Workers, Other	ST OJT	22.58	46,970	28,280	25,680	57,450	26,310	to	72,310
37-2021	Pest Control Workers	MT OJT	19.75	41,090	41,020	32,890	45,130	35,110	to	46,140
37-3011	Landscaping & Groundskeeping Workers	ST OJT	17.25	35,880	35,450	26,160	40,670	29,330	to	39,740
37-3012	Pesticide Handlers, Sprayers & Applicators, Vegetation	MT OJT	21.99	45,740	44,380	35,650	50,710	39,970	to	48,770
37-3013	Tree Trimmers & Pruners	ST OJT	25.92	53,910	54,670	43,240	59,160	47,340	to	61,750

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37-3019	Grounds Maintenance Workers, Other	ST OJT	23.76	49,420	42,170	35,640	56,210	40,230	to	68,830
39-0000	Personal Care & Service Occupations	#	15.87	33,020	28,870	20,700	39,080	22,430	to	38,600
39-1013	Supervisors - Gambling Services Workers	WK EXP	29.86	62,100	57,530	48,270	68,920	51,060	to	74,070
39-1014	Supervisors - Entertainment & Recreation Workers	WK EXP	23.45	48,780	46,100	33,350	56,380	37,580	to	57,170
39-1022	Supervisors - Personal Service Workers	WK EXP	21.46	44,640	43,130	30,740	51,480	35,330	to	51,340
39-2011	Animal Trainers	MT OJT	19.06	39,650	36,650	29,910	44,450	33,280	to	41,600
39-2021	Nonfarm Animal Caretakers	ST OJT	14.35	29,850	27,690	21,930	33,760	23,230	to	33,310
39-3011	Gaming Dealers	ST OJT	15.67	32,590	23,800	19,750	38,910	21,720	to	43,920
39-3012	Gaming & Sports Book Writers & Runners	ST OJT	11.26	23,410	21,460	20,220	24,980	20,800	to	23,330
39-3031	Ushers, Lobby Attendants & Ticket Takers	ST OJT	12.32	25,620	26,000	19,390	28,690	21,300	to	27,800
39-3091	Amusement & Recreation Attendants	ST OJT	11.68	24,300	22,000	18,100	27,350	18,910	to	27,930
39-3092	Costume Attendants	ST OJT	21.74	45,210	44,470	33,690	50,890	36,020	to	52,080
39-3093	Locker Room, Coatroom & Dressing Room Attendants	ST OJT	12.64	26,280	25,990	17,420	30,640	20,120	to	30,480
39-4012	Crematory Operators	ST OJT	21.25	44,200	44,620	39,480	46,520	41,650	to	45,370
39-4021	Funeral Attendants	ST OJT	18.86	39,230	36,910	27,640	44,940	29,560	to	45,080
39-4031	Morticians, Undertakers & Funeral Directors	AD+	28.83	59,970	56,600	39,970	69,820	45,470	to	75,850

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39-5011	Barbers	PS	17.36	36,120	38,320	21,520	43,300	21,180	to	41,600
39-5012	Hairdressers, Hairstylists & Cosmetologists	PS	16.55	34,430	29,480	19,270	41,890	21,000	to	43,990
39-5092	Manicurists & Pedicurists	PS	13.25	27,560	23,050	20,260	31,150	21,630	to	30,140
39-5093	Shampooers	ST OJT	12.25	25,470	24,960	21,020	27,660	22,800	to	27,220
39-5094	Skincare Specialists	PS	17.41	36,200	33,000	26,180	41,140	28,010	to	37,410
39-6011	Baggage Porters & Bellhops	ST OJT	15.42	32,080	30,730	23,020	36,540	27,330	to	36,320
39-6012	Concierges	MT OJT	16.53	34,380	34,350	26,900	38,060	29,430	to	37,350
39-7010	Tour & Travel Guides	MT OJT	15.55	32,340	30,110	23,410	36,740	26,050	to	37,230
39-9011	Childcare Workers	ST OJT	13.14	27,330	26,520	21,390	30,250	22,770	to	29,010
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	19.59	40,740	38,470	25,210	48,390	28,790	to	48,480
39-9032	Recreation Workers	ST OJT	15.64	32,540	30,390	22,300	37,580	24,890	to	37,220
39-9041	Residential Advisors	ST OJT	17.36	36,120	33,480	27,350	40,430	29,860	to	43,240
39-9099	Personal Care & Service Workers, Other	ST OJT	18.33	38,130	37,010	21,170	46,490	23,310	to	46,140
41-0000	Sales & Related Occupations	#	22.60	47,010	34,020	23,000	58,840	25,710	to	55,460
41-1011	Supervisors - Retail Sales Workers	WK EXP	23.25	48,350	44,900	30,630	57,080	34,620	to	56,590
41-1012	Supervisors - Non-Retail Sales Workers	WK EXP	46.21	96,120	81,350	51,030	118,330	60,800	to	109,770

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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 (\$)		
41-2011	Cashiers	ST OJT	12.35	25,680	24,490	20,600	28,180	22,240	to	28,400
41-2012	Gaming Change Persons & Booth Cashiers	ST OJT	16.93	35,210	29,830	21,560	41,940	23,410	to	38,730
41-2021	Counter & Rental Clerks	ST OJT	17.38	36,140	35,370	24,570	41,840	28,020	to	42,630
41-2022	Parts Salespersons	MT OJT	18.55	38,580	35,910	27,030	44,270	29,450	to	46,020
41-2031	Retail Salespersons	ST OJT	15.92	33,120	29,050	21,760	38,710	23,490	to	35,630
41-3011	Advertising Sales Agents	MT OJT	24.72	51,420	45,430	29,220	62,350	34,050	to	61,630
41-3021	Insurance Sales Agents	MT OJT	33.12	68,890	57,170	36,610	84,780	40,550	to	77,920
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	39.36	81,870	59,560	40,690	102,150	45,300	to	95,410
41-3041	Travel Agents	MT OJT	21.04	43,750	45,420	25,240	52,870	32,970	to	51,370
41-3091	Sales Representatives - Services	MT OJT	31.46	65,440	55,060	33,310	81,260	38,140	to	80,050
41-4011	Sales Representatives, Technical & Scientific Products	BD+	51.47	107,050	94,510	55,150	132,610	65,260	to	128,100
41-4012	Sales Representatives	MT OJT	37.76	78,550	66,950	42,510	96,300	49,860	to	97,350
41-9011	Demonstrators & Product Promoters	ST OJT	18.73	38,950	33,700	25,580	45,540	27,930	to	50,030
41-9022	Real Estate Sales Agents	MT OJT	27.29	56,760	49,740	32,280	68,810	37,800	to	65,360
41-9031	Sales Engineers	BD+	51.17	106,440	97,640	61,870	128,390	70,620	to	129,590
41-9041	Telemarketers	ST OJT	14.93	31,050	27,250	22,180	35,410	23,820	to	32,050

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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 (\$)		
41-9091	Door-to-Door Sales Workers, News & Street Vendors & Related Workers	ST OJT	20.21	42,040	44,660	32,500	46,740	39,770	to	46,550
41-9099	Sales & Related Workers, Other	ST OJT	23.03	47,910	42,830	27,460	57,980	30,780	to	59,170
43-0000	Office & Administrative Support Occupations	#	21.56	44,850	40,560	29,710	52,300	34,180	to	51,290
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	30.77	64,000	60,430	41,920	74,870	48,010	to	75,710
43-2011	Switchboard Operators	ST OJT	15.77	32,810	31,200	24,620	36,840	28,240	to	36,590
43-2021	Telephone Operators	ST OJT	20.02	41,640	30,780	26,060	49,310	27,040	to	62,280
43-3011	Bill & Account Collectors	MT OJT	21.45	44,620	43,130	32,790	50,450	36,560	to	48,040
43-3021	Billing & Posting Clerks	MT OJT	21.25	44,200	40,520	32,590	49,910	35,960	to	48,380
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	22.23	46,240	44,500	31,180	53,670	36,340	to	52,850
43-3041	Gaming Cage Workers	ST OJT	17.16	35,690	34,060	29,100	38,940	30,090	to	37,580
43-3051	Payroll & Timekeeping Clerks	MT OJT	25.70	53,450	47,810	35,190	62,450	39,740	to	59,970
43-3061	Procurement Clerks	MT OJT	23.11	48,080	47,140	36,240	53,910	39,390	to	55,450
43-3071	Tellers	ST OJT	16.83	35,010	35,820	28,950	38,000	30,570	to	37,450
43-3099	Financial Clerks, Other	ST OJT	23.98	49,870	48,290	37,130	56,140	42,440	to	52,580
43-4011	Brokerage Clerks	MT OJT	24.62	51,200	48,990	38,250	57,580	46,980	to	58,830
43-4021	Correspondence Clerks	ST OJT	18.16	37,770	35,370	24,310	44,410	30,620	to	46,450

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43-4031	Court, Municipal & License Clerks	LT OJT	22.33	46,440	41,670	30,440	54,330	32,170	to	53,790
43-4041	Credit Authorizers, Checkers & Clerks	MT OJT	18.83	39,170	35,920	30,830	43,270	33,400	to	46,330
43-4051	Customer Service Representatives	ST OJT	20.10	41,810	37,700	28,410	48,420	31,410	to	47,590
43-4061	Eligibility Interviewers, Government Programs	MT OJT	25.74	53,540	53,790	42,770	58,840	46,900	to	59,530
43-4071	File Clerks	ST OJT	18.51	38,490	36,820	29,090	43,120	31,580	to	40,800
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	14.13	29,390	28,670	22,310	32,880	23,700	to	34,530
43-4111	Interviewers	ST OJT	19.12	39,770	38,270	28,760	45,190	32,200	to	46,880
43-4121	Library Assistants, Clerical	ST OJT	13.94	28,980	27,770	20,000	33,410	22,050	to	34,690
43-4131	Loan Interviewers & Clerks	ST OJT	21.32	44,350	43,930	34,800	49,050	37,500	to	48,450
43-4141	New Accounts Clerks	MT OJT	21.11	43,900	45,190	37,290	47,160	39,980	to	48,150
43-4151	Order Clerks	PS	19.27	40,090	38,430	28,650	45,720	31,860	to	47,280
43-4161	Human Resources Assistants	AD	22.85	47,530	46,590	37,370	52,540	40,870	to	52,620
43-4171	Receptionists & Information Clerks	ST OJT	15.66	32,570	30,740	23,300	37,130	26,270	to	36,830
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	ST OJT	22.24	46,270	36,820	30,060	54,250	32,900	to	63,030
43-4199	Information & Record Clerks, Other	ST OJT	22.59	46,980	45,840	36,040	52,370	38,090	to	52,960
43-5011	Cargo & Freight Agents	ST OJT	25.10	52,200	51,050	36,200	60,080	43,090	to	64,510

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43-5021	Couriers & Messengers	ST OJT	16.11	33,500	33,380	26,720	36,840	29,140	to	36,130
43-5031	Police, Fire & Ambulance Dispatchers	MT OJT	23.41	48,690	48,660	37,700	54,100	40,800	to	52,400
43-5032	Dispatchers	MT OJT	23.56	48,990	45,850	32,140	57,300	36,210	to	55,860
43-5041	Meter Readers, Utilities	ST OJT	27.59	57,380	59,730	31,640	70,060	34,250	to	77,750
43-5051	Postal Service Clerks	ST OJT	26.82	55,790	56,200	43,270	61,960	50,150	to	68,310
43-5052	Postal Service Mail Carriers	ST OJT	26.80	55,750	53,680	41,110	62,960	43,870	to	71,340
43-5053	Postal Service Mail Sorters, Processors & Processing Machine Operators	ST OJT	25.15	52,320	49,130	38,500	59,130	39,770	to	67,160
43-5061	Production, Planning & Expediting Clerks	MT OJT	24.19	50,320	48,210	33,870	58,430	37,990	to	59,120
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	20.04	41,680	38,820	31,270	46,810	35,080	to	46,860
43-5111	Weighers, Measurers, Checkers & Samplers, Recordkeeping	ST OJT	21.63	45,000	44,100	32,750	51,030	37,210	to	53,510
43-6011	Executive Secretaries & Executive Administrative Assistants	WK EXP	31.66	65,850	63,100	47,250	75,010	51,010	to	76,370
43-6012	Legal Secretaries	MT OJT	25.07	52,150	49,100	36,100	60,060	40,770	to	61,070
43-6013	Medical Secretaries	MT OJT	18.72	38,930	37,120	31,210	42,740	34,350	to	44,410
43-6014	Secretaries	ST OJT	19.86	41,310	38,970	29,380	47,190	33,050	to	47,420
43-9021	Data Entry Keyers	ST OJT	17.86	37,150	36,180	27,760	41,770	30,720	to	42,100
43-9022	Word Processors & Typists	ST OJT	19.76	41,090	40,160	33,230	44,960	36,280	to	46,260

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43-9031	Desktop Publishers	AD	24.14	50,210	45,280	35,730	57,340	39,610	to	53,200
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	24.27	50,490	47,640	34,630	58,300	38,200	to	57,250
43-9051	Mail Clerks & Mail Machine Operators	ST OJT	17.04	35,450	35,950	26,010	40,090	30,320	to	38,570
43-9061	Office Clerks, General	ST OJT	20.13	41,880	38,550	27,620	48,900	31,620	to	48,100
43-9071	Office Machine Operators	ST OJT	17.90	37,240	36,640	26,990	42,280	31,200	to	43,160
43-9081	Proofreaders & Copy Markers	BD	19.43	40,420	37,440	24,390	48,320	27,940	to	50,780
43-9111	Statistical Assistants	BD	29.12	60,560	51,170	40,720	70,340	43,490	to	65,540
43-9199	Office & Administrative Support Workers, Other	ST OJT	19.74	41,070	35,030	26,060	48,460	30,390	to	47,710
45-0000	Farming, Fishing & Forestry Occupations	#	18.89	39,290	36,850	25,180	46,240	29,260	to	46,550
45-1011	Supervisors - Farming, Fishing & Forestry Workers	WK EXP	27.78	57,780	53,700	38,900	67,080	44,580	to	69,660
45-2011	Agricultural Inspectors	BD+	27.48	57,160	57,510	41,060	65,090	45,320	to	67,120
45-2021	Animal Breeders	ST OJT	26.15	54,400	50,290	31,990	65,440	41,860	to	64,950
45-2041	Graders & Sorters, Agricultural Products	ST OJT	17.86	37,150	35,190	29,960	40,700	32,010	to	39,660
45-2091	Agricultural Equipment Operators	MT OJT	19.65	40,870	35,890	28,290	47,060	28,980	to	51,810
45-2092	Farmworkers & Laborers, Crop, Nursery & Greenhouse	ST OJT	16.74	34,820	35,260	23,660	40,310	27,290	to	40,980
45-2093	Farmworkers, Farm, Ranch & Aquacultural Animals	ST OJT	15.80	32,860	31,420	20,630	38,890	21,740	to	39,890

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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 (\$)		
45-2099	Agricultural Workers, Other	ST OJT	10.95	22,770	15,820	15,270	26,460	15,430	to	35,050
45-4011	Forest & Conservation Workers	MT OJT	23.16	48,180	46,510	36,390	53,980	38,540	to	53,100
45-4021	Fallers	MT OJT	21.65	45,030	46,500	38,560	48,220	39,400	to	48,260
45-4022	Logging Equipment Operators	MT OJT	19.84	41,270	37,000	31,160	46,250	32,560	to	48,940
45-4023	Log Graders & Scalers	MT OJT	20.27	42,160	43,040	34,010	46,170	37,250	to	45,470
45-4029	Logging Workers, Other	MT OJT	17.91	37,250	37,440	36,540	37,610	37,440	to	37,440
47-0000	Construction & Extraction Occupations	#	28.74	59,770	53,460	38,120	70,440	44,030	to	71,640
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	38.13	79,300	76,770	53,530	91,990	60,390	to	94,630
47-2011	Boilermakers	LT OJT	38.61	80,310	86,690	55,860	92,350	62,660	to	90,560
47-2021	Brickmasons & Blockmasons	LT OJT	30.91	64,280	59,370	40,930	75,780	48,630	to	77,780
47-2031	Carpenters	LT OJT	26.64	55,420	50,410	37,300	64,330	44,060	to	62,630
47-2041	Carpet Installers	ST OJT	23.94	49,790	46,160	35,840	56,670	38,940	to	56,020
47-2042	Floor Layers	MT OJT	32.64	67,890	68,440	44,410	79,450	47,990	to	84,670
47-2043	Floor Sanders & Finishers	MT OJT	21.58	44,890	46,160	35,400	49,560	37,420	to	49,080
47-2044	Tile & Marble Setters	LT OJT	26.28	54,670	51,030	39,690	62,040	46,460	to	63,090
47-2051	Cement Masons & Concrete Finishers	MT OJT	23.83	49,570	47,290	35,270	56,620	38,860	to	57,160

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47-2061	Construction Laborers	ST OJT	24.11	50,150	46,810	34,520	57,850	37,870	to	58,670
47-2071	Paving, Surfacing & Tamping Equipment Operators	MT OJT	26.01	54,110	52,700	43,590	59,290	47,200	to	60,330
47-2072	Pile-Driver Operators	MT OJT	38.38	79,820	79,960	69,750	84,780	76,720	to	84,070
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	28.03	58,310	51,480	39,550	67,550	44,450	to	65,080
47-2081	Drywall & Ceiling Tile Installers	MT OJT	25.49	53,020	49,920	38,200	60,310	44,910	to	60,230
47-2082	Tapers	MT OJT	32.10	66,780	64,970	48,630	75,710	50,780	to	70,530
47-2111	Electricians	LT OJT	35.36	73,540	64,170	44,870	87,670	49,700	to	93,410
47-2121	Glaziers	LT OJT	27.64	57,480	49,730	38,320	66,920	43,650	to	64,240
47-2131	Insulation Workers, Floor, Ceiling & Wall	ST OJT	22.40	46,600	37,290	30,190	54,680	31,230	to	40,160
47-2132	Insulation Workers, Mechanical	LT OJT	35.32	73,460	76,040	50,400	84,810	58,590	to	81,720
47-2141	Painters, Construction & Maintenance	MT OJT	23.45	48,770	46,320	33,810	56,130	38,000	to	58,310
47-2142	Paperhangers	LT OJT	21.67	45,080	41,270	36,650	49,230	38,010	to	51,090
47-2151	Pipelayers	ST OJT	29.49	61,330	58,740	45,480	69,140	47,690	to	76,910
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	32.93	68,500	61,670	41,530	81,780	47,340	to	87,040
47-2161	Plasterers & Stucco Masons	LT OJT	28.14	58,530	61,860	43,140	66,110	49,270	to	66,490
47-2171	Reinforcing Iron & Rebar Workers	LT OJT	45.92	95,510	103,600	70,020	108,060	73,400	to	107,980

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47-2181	Roofers	MT OJT	22.68	47,160	45,890	33,730	53,780	37,270	to	53,460
47-2211	Sheet Metal Workers	LT OJT	33.73	70,150	64,700	43,370	83,340	48,970	to	86,190
47-2221	Structural Iron & Steel Workers	LT OJT	33.74	70,170	74,320	44,900	82,620	49,450	to	87,080
47-3011	Helpers--Brick, Block, Stonemasons, Tile & Marble Setters	ST OJT	23.92	49,750	44,980	37,950	55,550	41,430	to	58,110
47-3012	Helpers--Carpenters	ST OJT	20.58	42,810	40,090	32,650	47,810	35,670	to	46,650
47-3013	Helpers--Electricians	ST OJT	19.56	40,670	36,900	28,990	46,430	30,420	to	46,070
47-3014	Helpers--Painters, Paperhangers, Plasterers & Stucco Masons	ST OJT	16.26	33,830	31,560	22,780	39,270	22,550	to	36,780
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters & Steamfitters	ST OJT	22.15	46,070	50,110	32,900	52,560	35,880	to	50,110
47-3016	Helpers--Roofers	ST OJT	20.19	41,990	39,410	34,300	45,780	37,020	to	49,200
47-3019	Helpers, Construction Trades, Other	ST OJT	24.29	50,530	47,930	33,410	58,960	35,610	to	53,490
47-4011	Construction & Building Inspectors	WK EXP	31.15	64,780	63,250	45,150	74,450	50,650	to	76,590
47-4021	Elevator Installers & Repairers	LT OJT	31.45	65,410	61,300	44,070	75,920	48,800	to	78,050
47-4031	Fence Erectors	MT OJT	22.73	47,270	44,280	36,340	52,650	38,850	to	54,750
47-4041	Hazardous Materials Removal Workers	MT OJT	26.01	54,100	53,750	37,270	62,390	42,660	to	68,970
47-4051	Highway Maintenance Workers	MT OJT	22.49	46,780	47,010	32,760	53,690	36,870	to	56,870
47-4061	Rail-Track Laying & Maintenance Equipment Operators	MT OJT	32.72	68,050	73,900	46,400	78,720	48,270	to	74,180

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47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	MT OJT	22.76	47,330	47,170	33,860	53,970	38,990	to	54,990
47-4090	Miscellaneous Construction & Related Workers	MT OJT	29.77	61,930	59,780	36,900	74,260	41,400	to	80,370
47-5011	Derrick Operators, Oil & Gas	ST OJT	36.28	75,460	78,900	63,210	81,490	67,520	to	78,950
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	27.63	57,460	51,320	43,930	64,130	49,240	to	60,810
47-5013	Service Unit Operators, Oil, Gas & Mining	MT OJT	23.02	47,890	44,030	35,190	54,140	38,150	to	60,690
47-5022	Excavating & Loading Machine Oprs, Surface Mining	WK EXP	23.62	49,130	48,080	36,300	55,450	37,790	to	55,340
47-5023	Earth Drillers	WK EXP	25.37	52,770	48,800	41,060	58,540	45,490	to	58,910
47-5032	Explosives Workers, Ordnance Handling Experts & Blasters	WK EXP	29.34	61,030	55,930	45,490	68,690	50,040	to	66,660
47-5041	Continuous Mining Machine Operators	MT OJT	27.19	56,550	52,140	47,830	60,850	49,970	to	56,440
47-5044	Loading & Moving Machine Operators, Underground Mining	ST OJT	31.95	66,460	61,270	46,920	76,090	49,990	to	63,790
47-5051	Rock Splitters, Quarry	ST OJT	20.76	43,180	40,530	35,750	46,840	36,910	to	49,180
47-5071	Roustabouts, Oil & Gas	MT OJT	20.18	41,970	38,790	35,200	45,310	36,480	to	46,470
47-5081	Helpers--Extraction Workers	MT OJT	18.77	39,050	39,700	34,940	41,070	36,620	to	41,300
49-0000	Installation, Maintenance & Repair Occupations	#	26.48	55,080	50,700	35,130	64,910	39,320	to	63,750
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	35.83	74,530	72,500	49,110	87,050	57,500	to	89,000
49-2011	Computer, Automated Teller & Office Machine Repairers	PS	26.00	54,070	47,000	32,140	64,870	35,950	to	57,270

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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 (\$)		
49-2021	Radio, Cellular & Tower Equipment Installers & Repairers	AD+	36.47	75,870	78,120	52,740	87,260	56,440	to	94,350
49-2022	Telecommunications Equipment Installers & Repairers	PS+	31.85	66,250	61,550	43,290	77,560	48,270	to	77,760
49-2091	Avionics Technicians	AD	32.32	67,220	60,560	41,260	80,000	49,670	to	84,530
49-2092	Electric Motor, Power Tool & Related Repairers	WK EXP	25.92	53,910	51,340	32,460	64,480	36,650	to	67,690
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment	PS+	27.45	57,100	44,730	40,530	65,260	42,490	to	75,400
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	PS+	30.93	64,320	62,630	49,730	71,510	54,580	to	69,370
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation & Relay	PS+	39.51	82,190	81,810	55,300	95,430	65,600	to	100,180
49-2096	Electronic Equipment Installers & Repairers, Motor Vehicles	MT OJT	20.28	42,190	43,870	35,850	45,310	37,130	to	45,620
49-2097	Electronic Home Entertainment Equipment Installers & Repairers	PS	16.50	34,320	30,620	27,900	37,490	28,000	to	35,300
49-2098	Security & Fire Alarm Systems Installers	MT OJT	26.74	55,620	50,400	39,380	63,610	45,700	to	63,220
49-3011	Aircraft Mechanics & Service Technicians	PS	34.20	71,140	62,490	44,870	84,070	51,010	to	80,110
49-3021	Automotive Body & Related Repairers	LT OJT	24.02	49,970	47,400	35,130	57,270	38,650	to	57,510
49-3022	Automotive Glass Installers & Repairers	MT OJT	21.83	45,410	44,350	38,330	48,890	39,650	to	48,260
49-3023	Automotive Service Technicians & Mechanics	PS	23.00	47,850	46,590	31,910	55,700	36,370	to	58,580
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	25.81	53,680	51,180	38,870	60,980	44,520	to	61,300
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	21.67	45,080	46,800	32,330	51,360	37,100	to	50,130

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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 (\$)		
49-3042	Mobile Heavy Equipment Mechanics	LT OJT	27.55	57,300	58,910	43,300	64,190	48,700	to	61,950
49-3043	Rail Car Repairers	LT OJT	28.08	58,410	63,500	46,920	64,070	51,750	to	63,620
49-3051	Motorboat Mechanics & Service Technicians	LT OJT	19.70	40,970	39,300	29,020	46,860	31,100	to	46,020
49-3052	Motorcycle Mechanics	PS	21.60	44,930	45,450	28,380	53,080	32,160	to	57,740
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	MT OJT	20.78	43,220	42,240	29,610	49,930	35,360	to	49,950
49-3091	Bicycle Repairers	MT OJT	16.65	34,640	35,290	25,180	39,290	30,250	to	38,800
49-3092	Recreational Vehicle Service Technicians	LT OJT	21.28	44,270	45,140	35,220	48,720	37,640	to	47,930
49-3093	Tire Repairers & Changers	ST OJT	16.77	34,880	35,080	27,200	38,670	29,570	to	37,240
49-9011	Mechanical Door Repairers	MT OJT	23.36	48,580	47,180	32,050	56,730	37,820	to	56,490
49-9012	Control & Valve Installers & Repairers	MT OJT	36.74	76,430	75,600	56,320	86,330	62,200	to	92,430
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	26.62	55,380	50,860	38,550	63,660	45,330	to	62,940
49-9031	Home Appliance Repairers	MT OJT	20.93	43,540	44,580	30,370	50,030	36,000	to	48,320
49-9041	Industrial Machinery Mechanics	LT OJT	28.23	58,710	59,210	43,030	66,430	47,960	to	65,630
49-9043	Maintenance Workers, Machinery	LT OJT	26.89	55,940	52,650	38,810	64,370	43,120	to	65,570
49-9044	Millwrights	LT OJT	27.93	58,100	56,830	44,960	64,570	49,550	to	63,590
49-9045	Refractory Materials Repairers	MT OJT	25.66	53,370	54,360	50,990	54,540	52,140	to	54,430

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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 (\$)		
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	41.48	86,280	96,460	55,840	101,270	71,410	to	101,680
49-9052	Telecommunications Line Installers & Repairers	LT OJT	38.32	79,710	84,230	62,620	88,120	76,190	to	89,570
49-9061	Camera & Photographic Equipment Repairers	LT OJT	24.02	49,960	50,330	36,050	56,810	39,020	to	54,770
49-9062	Medical Equipment Repairers	AD+	28.26	58,780	54,430	37,280	69,370	39,520	to	75,710
49-9063	Musical Instrument Repairers & Tuners	LT OJT	18.70	38,900	36,620	28,620	43,960	29,990	to	45,060
49-9064	Watch Repairers	LT OJT	22.93	47,680	47,360	45,360	48,830	46,800	to	49,590
49-9069	Precision Instrument & Equipment Repairers, Other	LT OJT	29.83	62,050	61,870	49,020	68,470	55,250	to	69,360
49-9071	Maintenance & Repair Workers, General	MT OJT	22.64	47,080	45,930	31,580	54,720	36,200	to	57,570
49-9081	Wind Turbine Service Technicians	PS+	41.85	87,050	80,380	60,490	100,120	64,630	to	96,770
49-9091	Coin, Vending & Amusement Machine Servicers & Repairers	ST OJT	17.54	36,490	36,770	24,500	42,390	33,380	to	42,180
49-9094	Locksmiths & Safe Repairers	LT OJT	26.71	55,550	58,030	36,960	64,700	45,230	to	67,520
49-9095	Manufactured Building & Mobile Home Installers	ST OJT	17.72	36,860	37,070	29,900	40,290	35,580	to	38,560
49-9096	Riggers	MT OJT	25.57	53,190	52,400	44,250	57,590	49,360	to	57,430
49-9097	Signal & Track Switch Repairers	MT OJT	29.28	60,900	66,090	47,080	67,710	51,980	to	66,970
49-9098	Helpers--Installation, Maintenance & Repair Workers	ST OJT	17.30	35,980	33,120	24,690	41,550	28,160	to	40,210
49-9099	Installation, Maintenance & Repair Workers, Other	MT OJT	24.48	50,920	50,900	37,250	57,650	42,800	to	56,950

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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 (\$)		
51-0000	Production Occupations	#	21.94	45,620	42,710	31,100	52,780	35,220	to	51,810
51-1011	Supervisors - Production & Operating Workers	WK EXP	33.05	68,750	64,730	47,000	79,460	53,690	to	78,950
51-2021	Coil Winders, Tapers & Finishers	MT OJT	26.94	56,020	57,220	38,490	64,660	44,620	to	68,440
51-2028	Electrical, Electronic & Electromechanical Assemblers	MT OJT	19.33	40,210	37,770	30,350	45,060	34,150	to	45,880
51-2031	Engine & Other Machine Assemblers	MT OJT	26.85	55,840	52,610	39,210	64,030	41,940	to	64,930
51-2041	Structural Metal Fabricators & Fitters	MT OJT	23.76	49,420	48,640	37,840	55,120	39,790	to	57,310
51-2051	Fiberglass Laminators & Fabricators	MT OJT	20.75	43,150	35,580	21,860	53,640	22,430	to	51,140
51-2090	Misc. Assemblers & Fabricators	MT OJT	18.80	39,110	37,010	28,530	44,320	31,420	to	45,450
51-3011	Bakers	LT OJT	15.79	32,840	31,460	23,670	37,350	27,190	to	37,050
51-3021	Butchers & Meat Cutters	LT OJT	18.51	38,490	37,760	27,510	43,900	30,630	to	44,080
51-3022	Meat, Poultry & Fish Cutters & Trimmers	ST OJT	17.82	37,070	37,660	28,200	41,440	30,800	to	45,050
51-3023	Slaughterers & Meat Packers	ST OJT	17.23	35,840	35,130	28,350	39,530	29,620	to	36,970
51-3091	Food & Tobacco Roasting, Baking & Drying Machine Operators	MT OJT	17.78	36,990	36,400	23,770	43,500	25,390	to	46,250
51-3092	Food Batchmakers	MT OJT	19.17	39,880	36,920	27,700	45,870	30,450	to	47,790
51-3093	Food Cooking Machine Operators	MT OJT	19.92	41,430	39,580	33,000	45,590	37,190	to	47,730
51-3099	Food Processing Workers, Other	MT OJT	18.17	37,790	37,480	31,810	40,740	35,010	to	40,170

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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 (\$)		
51-4021	Extruding & Drawing Machine Operators	MT OJT	21.33	44,370	44,680	32,300	50,310	36,740	to	49,390
51-4022	Forging Machine Operators	MT OJT	24.32	50,590	49,930	41,460	55,080	46,050	to	56,680
51-4023	Rolling Machine Operators	MT OJT	24.17	50,270	48,140	39,570	55,540	44,650	to	56,370
51-4031	Cutting, Punching & Press Machine Operators	MT OJT	21.44	44,590	44,590	34,930	49,350	37,810	to	50,250
51-4032	Drilling & Boring Machine Tool Operators	MT OJT	19.14	39,810	36,340	28,290	45,490	32,010	to	46,730
51-4033	Grinding, Lapping, Polishing & Buffing Machine Tool Operators	MT OJT	20.34	42,300	40,050	32,230	47,260	35,840	to	47,340
51-4034	Lathe & Turning Machine Tool Operators	MT OJT	24.40	50,740	48,730	37,670	57,190	41,130	to	57,560
51-4035	Milling & Planing Machine Operators	MT OJT	24.42	50,800	48,620	37,220	57,490	42,390	to	55,240
51-4041	Machinists	LT OJT	24.24	50,420	48,320	37,060	57,000	40,290	to	59,680
51-4051	Metal-Refining Furnace Operators	MT OJT	24.36	50,680	50,370	41,510	55,190	45,170	to	53,740
51-4052	Pourers & Casters, Metal	MT OJT	20.52	42,690	39,580	33,820	47,060	37,560	to	50,730
51-4061	Model Makers	MT OJT	21.63	44,990	41,460	32,260	51,260	33,650	to	47,730
51-4062	Patternmakers	MT OJT	24.38	50,700	48,650	38,420	56,750	39,990	to	54,890
51-4071	Foundry Mold & Coremakers	MT OJT	19.79	41,170	40,550	30,990	46,180	32,110	to	44,730
51-4072	Molding, Coremaking & Casting Machine Operators	MT OJT	19.39	40,330	37,660	30,330	45,250	32,170	to	47,960
51-4081	Multiple Machine Tool Operators	MT OJT	20.61	42,880	43,560	32,970	47,750	36,620	to	48,670

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PENNSYLVANIA OCCUPATIONAL WAGES

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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 (\$)		
51-4111	Tool & Die Makers	PS+	27.55	57,300	58,670	43,490	64,100	48,810	to	63,960
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	24.17	50,270	47,360	37,960	56,320	41,450	to	55,860
51-4122	Welding, Soldering & Brazing Machine Operators	MT OJT	21.15	44,000	43,320	31,680	50,060	36,050	to	51,030
51-4191	Heat Treating Equipment Operators	MT OJT	19.26	40,050	39,070	27,950	46,020	30,690	to	46,890
51-4192	Layout Workers	MT OJT	26.17	54,430	56,760	45,440	58,860	50,050	to	58,980
51-4193	Plating & Coating Machine Operators	MT OJT	18.93	39,370	37,950	28,690	44,630	29,220	to	47,380
51-4194	Tool Grinders, Filers & Sharpeners	MT OJT	22.61	47,020	45,950	35,380	52,750	37,440	to	55,120
51-4199	Metal Workers & Plastic Workers, Other	MT OJT	20.83	43,330	40,720	33,220	48,310	35,090	to	50,000
51-5111	Prepress Technician & Workers	PS	24.77	51,520	47,510	34,460	59,920	38,470	to	61,740
51-5112	Printing Press Operators	MT OJT	21.39	44,500	44,870	31,180	51,050	35,760	to	50,260
51-5113	Print Binding & Finishing Workers	MT OJT	19.75	41,090	38,840	28,460	47,310	34,020	to	47,570
51-6011	Laundry & Dry-Cleaning Workers	ST OJT	14.17	29,470	28,830	23,600	32,370	25,700	to	32,960
51-6021	Pressers: Textile, Garment & Related Materials	ST OJT	13.47	28,020	28,180	23,040	30,470	24,340	to	30,560
51-6031	Sewing Machine Operators	ST OJT	15.82	32,900	31,760	25,750	36,420	28,430	to	37,400
51-6041	Shoe & Leather Workers & Repairers	MT OJT	14.71	30,600	29,020	21,760	34,950	22,600	to	32,470
51-6051	Sewers, Hand	MT OJT	16.85	35,050	31,980	28,380	38,330	29,450	to	39,530

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PENNSYLVANIA OCCUPATIONAL WAGES

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51-6052	Tailors, Dressmakers & Custom Sewers	MT OJT	15.10	31,410	30,170	23,350	35,390	26,790	to	35,450
51-6061	Textile Bleaching & Dyeing Machine Operators	ST OJT	17.52	36,430	33,550	26,790	41,180	29,860	to	42,980
51-6062	Textile Cutting Machine Operators	MT OJT	18.41	38,290	37,090	29,860	42,440	31,620	to	45,260
51-6063	Textile Knitting & Weaving Machine Operators	ST OJT	18.82	39,140	37,440	28,090	44,580	30,700	to	45,300
51-6064	Textile Winding, Twisting & Drawing Out Machine Operators	MT OJT	17.88	37,200	36,400	30,130	40,680	32,730	to	39,890
51-6091	Extruding & Forming Machine Operators, Synthetic & Glass Fibers	MT OJT	22.22	46,230	43,220	39,870	49,360	41,820	to	50,520
51-6092	Fabric & Apparel Patternmakers	MT OJT	19.06	39,650	33,280	29,530	44,640	30,870	to	43,290
51-6093	Upholsterers	MT OJT	19.06	39,640	36,930	29,290	44,740	31,000	to	44,760
51-6099	Textile, Apparel & Furnishings Workers, Other	ST OJT	18.39	38,240	35,040	27,360	43,600	29,990	to	40,870
51-7011	Cabinetmakers & Bench Carpenters	MT OJT	20.14	41,900	39,970	30,630	47,440	35,330	to	46,930
51-7021	Furniture Finishers	ST OJT	18.42	38,320	36,510	28,320	43,250	31,470	to	46,130
51-7031	Model Makers, Wood	MT OJT	26.88	55,910	56,610	51,720	57,970	55,000	to	57,180
51-7032	Patternmakers, Wood	MT OJT	24.32	50,580	48,660	43,090	54,270	46,360	to	50,180
51-7041	Sawing Machine Operators, Wood	MT OJT	17.93	37,300	36,840	29,840	40,970	33,070	to	40,730
51-7042	Woodworking Machine Operators	MT OJT	18.52	38,520	38,170	30,020	42,710	32,680	to	44,000
51-7099	Woodworkers, Other	MT OJT	27.52	57,240	57,910	52,690	59,470	53,750	to	59,840

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PENNSYLVANIA OCCUPATIONAL WAGES

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51-8012	Power Distributors & Dispatchers	LT OJT	44.67	92,920	93,280	74,940	101,770	83,800	to	100,690
51-8013	Power Plant Operators	LT OJT	40.46	84,160	81,930	64,290	93,950	68,030	to	98,180
51-8021	Stationary Engineers & Boiler Operators	LT OJT	33.81	70,330	66,410	50,380	80,150	56,220	to	75,550
51-8031	Water & Wastewater Treatment Plant & System Operators	LT OJT	27.45	57,100	57,550	42,390	64,350	46,830	to	64,960
51-8091	Chemical Plant & System Operators	MT OJT	34.26	71,260	69,560	67,390	73,160	68,190	to	74,940
51-8092	Gas Plant Operators	LT OJT	37.11	77,180	82,170	58,200	86,530	62,210	to	86,500
51-8093	Petroleum Pump System Operators, Refinery Operators & Gaugers	MT OJT	34.83	72,450	74,780	48,860	84,060	59,440	to	85,650
51-8099	Plant & System Operators, Other	MT OJT	30.39	63,210	59,610	46,570	71,410	48,360	to	73,780
51-9011	Chemical Equipment Operators	MT OJT	24.84	51,660	48,640	35,760	59,490	39,950	to	60,870
51-9012	Separating, Filtering, Clarifying, Precipitating & Still Machine Operators	MT OJT	23.58	49,050	46,340	33,180	56,870	36,850	to	59,340
51-9021	Crushing, Grinding & Polishing Machine Operators	MT OJT	22.62	47,050	47,600	36,250	52,370	39,210	to	54,220
51-9022	Grinding & Polishing Workers, Hand	MT OJT	18.51	38,500	37,370	31,650	41,880	34,570	to	43,220
51-9023	Mixing & Blending Machine Operators	MT OJT	23.59	49,070	46,330	36,830	55,100	39,450	to	57,400
51-9031	Cutters & Trimmers, Hand	ST OJT	16.57	34,460	33,160	26,870	38,200	29,210	to	37,530
51-9032	Cutting & Slicing Machine Operators	MT OJT	20.40	42,430	42,120	33,770	46,700	36,200	to	47,740
51-9041	Extruding, Forming, Pressing & Compacting Machine Operators	MT OJT	21.89	45,530	45,440	36,360	50,040	38,850	to	50,030

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51-9051	Furnace, Kiln, Oven, Drier & Kettle Operators	MT OJT	25.77	53,600	58,160	40,820	59,900	46,210	to	59,750
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	22.35	46,490	43,950	32,640	53,320	36,180	to	52,210
51-9071	Jewelers & Precious Stone & Metal Workers	LT OJT	24.44	50,830	45,430	32,740	59,740	37,960	to	59,890
51-9081	Dental Laboratory Technicians	MT OJT	21.98	45,720	40,610	31,840	52,560	35,940	to	51,730
51-9082	Medical Appliance Technicians	MT OJT	22.25	46,290	43,360	35,630	51,540	37,530	to	53,380
51-9083	Ophthalmic Laboratory Technicians	MT OJT	18.76	39,020	37,930	31,690	42,630	34,860	to	41,560
51-9111	Packaging & Filling Machine Operators	MT OJT	20.47	42,570	39,690	31,630	47,960	35,310	to	48,840
51-9123	Painting, Coating & Decorating Workers	MT OJT	21.57	44,860	42,620	34,730	49,850	36,920	to	47,570
51-9124	Coating, Painting & Spraying Machine Oprs/Tenders	MT OJT	21.89	45,530	43,650	33,630	51,390	37,230	to	50,350
51-9141	Semiconductor Processors	MT OJT	20.07	41,750	37,660	35,950	44,600	37,650	to	43,540
51-9151	Photographic Process Workers & Processing Machine Operators	ST OJT	18.31	38,090	33,940	29,080	42,530	30,340	to	43,170
51-9161	CNC Tool Operators	MT OJT	23.28	48,430	47,240	35,660	54,720	38,610	to	57,100
51-9162	CNC Tool Programmers	PS+	29.22	60,780	60,070	44,000	69,040	48,550	to	71,290
51-9191	Adhesive Bonding Machine Operators	MT OJT	19.06	39,640	37,810	31,850	43,480	34,230	to	46,820
51-9192	Cleaning, Washing & Metal Pickling Equipment Operators	MT OJT	22.48	46,750	46,390	34,650	52,720	37,650	to	51,910
51-9193	Cooling & Freezing Equipment Operators	MT OJT	24.87	51,730	54,080	37,670	58,660	47,600	to	57,410

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- No data available due to limitations in methodology

PENNSYLVANIA OCCUPATIONAL WAGES

STATEWIDE

MAY 2022

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage (\$)	Average Annual Wage (\$)	Median Annual Wage (\$)	Entry Annual Wage (\$)	Exper'd Annual Wage (\$)	Mid Range Annual Wage (\$)		
51-9194	Etchers & Engravers	MT OJT	17.84	37,110	36,630	25,140	43,000	25,440	to	44,670
51-9195	Molders, Shapers & Casters	LT OJT	20.18	41,980	38,620	31,120	47,330	36,130	to	47,660
51-9196	Paper Goods Machine Operators	MT OJT	21.32	44,340	45,050	34,690	49,090	36,980	to	49,520
51-9197	Tire Builders	MT OJT	17.10	35,570	35,210	30,840	37,890	33,340	to	38,790
51-9198	Helpers--Production Workers	ST OJT	18.27	37,990	36,200	29,180	42,330	31,730	to	42,050
51-9199	Production Workers, Other	MT OJT	18.91	39,340	37,060	30,580	43,660	33,000	to	42,610
53-0000	Transportation & Material Moving Occupations	#	20.43	42,490	38,440	28,010	49,630	31,470	to	48,570
53-1041	Aircraft Cargo Handling Supervisors	WK EXP	29.57	61,500	59,550	45,690	69,300	47,930	to	75,460
53-1047	Supervisors - Transportation & Material Moving Workers	WK EXP	29.10	60,530	57,880	39,170	71,050	44,760	to	73,000
53-2012	Commercial Pilots	MT OJT	*	112,000	105,010	74,770	130,330	91,260	to	129,690
53-2021	Air Traffic Controllers	AD+	59.02	122,760	114,110	79,630	144,000	89,460	to	159,580
53-2022	Airfield Operations Specialists	LT OJT	28.11	58,470	59,650	41,540	66,800	49,180	to	65,390
53-2031	Flight Attendants	WK EXP	*	67,570	73,550	52,780	74,850	62,740	to	74,030
53-3011	Ambulance Drivers & Attendants	MT OJT	13.44	27,950	28,540	21,930	30,920	23,360	to	31,110
53-3031	Driver/Sales Workers	ST OJT	16.75	34,830	32,950	18,850	42,700	20,490	to	45,610
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	25.80	53,670	50,880	39,790	60,510	45,650	to	60,320

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PENNSYLVANIA OCCUPATIONAL WAGES

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MAY 2022

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53-3033	Light Truck or Delivery Services Drivers	ST OJT	20.68	43,010	39,220	25,520	51,630	29,690	to	49,260
53-3051	Bus Drivers, School	ST OJT	20.34	42,310	38,210	24,360	51,160	28,640	to	50,710
53-3052	Bus Drivers, Transit & Intercity	MT OJT	23.82	49,550	48,610	33,480	57,460	36,120	to	60,970
53-3053	Shuttle Drivers & Chauffeurs	ST OJT	16.20	33,700	30,250	23,510	38,720	26,310	to	38,520
53-3099	Motor Vehicle Operators, Other	ST OJT	15.01	31,210	23,540	20,670	36,400	21,730	to	37,860
53-4011	Locomotive Engineers	WK EXP	36.79	76,510	82,630	57,070	86,090	64,130	to	82,830
53-4013	Rail Yard Engineers, Dinkey Operators & Hostlers	MT OJT	15.33	31,890	24,770	21,470	37,020	24,640	to	49,400
53-4022	Railroad Brake/Signal/Switch Oprs & Locomotive Firers	MT OJT	30.43	63,290	64,120	51,800	68,950	63,830	to	64,260
53-4031	Railroad Conductors & Yardmasters	MT OJT	32.31	67,200	72,320	53,620	73,890	62,000	to	72,790
53-5011	Sailors & Marine Oilers	MT OJT	20.21	42,040	35,830	33,220	46,380	34,670	to	45,880
53-5021	Captains, Mates & Pilots of Water Vessels	PS+	31.70	65,930	58,690	34,020	81,650	38,660	to	86,510
53-5031	Ship Engineers	PS+	40.71	84,670	77,950	67,850	92,960	74,060	to	90,810
53-6021	Parking Lot Attendants	ST OJT	14.72	30,620	29,770	23,460	34,140	26,410	to	35,400
53-6031	Automotive & Watercraft Service Attendants	ST OJT	14.68	30,540	29,300	22,050	34,720	27,350	to	33,100
53-6032	Aircraft Service Attendants	ST OJT	17.78	36,980	35,000	28,910	40,950	30,180	to	38,890
53-6041	Traffic Technicians	MT OJT	27.69	57,600	54,140	45,250	63,680	50,150	to	63,790

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PENNSYLVANIA OCCUPATIONAL WAGES

STATEWIDE

MAY 2022

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 (\$)	
53-6051	Transportation Inspectors	MT OJT	35.57	73,990	63,740	39,080	91,180	43,160	to 100,720
53-6061	Transportation Attendants	ST OJT	17.20	35,780	34,180	25,570	40,810	26,040	to 36,850
53-6099	Transportation Workers, Other	ST OJT	19.96	41,530	43,660	25,380	49,480	27,240	to 50,020
53-7011	Conveyor Operators	ST OJT	19.92	41,440	40,490	34,980	44,610	35,600	to 44,220
53-7021	Crane & Tower Operators	WK EXP	28.33	58,920	54,520	42,450	67,030	48,450	to 64,310
53-7031	Dredge Operators	MT OJT	32.88	68,390	64,030	53,400	75,770	61,600	to 85,150
53-7041	Hoist & Winch Operators	ST OJT	30.93	64,340	53,560	50,950	70,930	53,560	to 85,430
53-7051	Industrial Truck & Tractor Operators	ST OJT	20.98	43,630	42,970	36,100	47,340	38,450	to 47,060
53-7061	Cleaners of Vehicles & Equipment	ST OJT	15.66	32,560	29,940	24,300	36,640	27,510	to 36,250
53-7062	Laborers & Freight, Stock & Material Movers	ST OJT	18.70	38,900	37,010	29,840	43,360	33,280	to 44,420
53-7063	Machine Feeders & Offbearers	ST OJT	19.76	41,100	41,140	29,650	46,740	32,070	to 47,780
53-7064	Packers & Packagers, Hand	ST OJT	17.38	36,150	35,660	27,620	40,340	30,580	to 38,460
53-7065	Stockers & Order Fillers	ST OJT	16.78	34,900	33,600	25,310	39,620	27,640	to 39,370
53-7071	Gas Compressor & Gas Pumping Station Operators	MT OJT	30.83	64,120	51,890	46,260	72,920	51,290	to 77,810
53-7072	Pump Operators	MT OJT	34.23	71,200	66,440	46,030	83,590	51,630	to 83,340
53-7073	Wellhead Pumpers	WK EXP	22.69	47,190	45,220	39,120	51,160	42,290	to 50,620

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**PENNSYLVANIA OCCUPATIONAL WAGES
STATEWIDE
MAY 2022**

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 (\$)		
53-7081	Refuse & Recyclable Material Collectors	ST OJT	18.90	39,300	35,740	26,850	45,440	28,400	to	49,140
53-7121	Tank Car, Truck & Ship Loaders	ST OJT	25.55	53,140	52,020	46,910	56,210	48,400	to	58,240
53-7199	Material Moving Workers, Other	ST OJT	20.73	43,130	39,060	29,050	50,060	33,280	to	48,270

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