PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
00-0000	**Total, All Occupations**	**#**	**24.38**	**50,710**	**39,110**	**21,900**	**65,110**	**25,500**	**to**	**61,460**
11-0000	**Management Occupations**	**#**	**61.81**	**128,560**	**113,450**	**64,850**	**160,420**	**78,260**	**to**	**162,210**
11-1011	Chief Executives	BD+	98.06	203,960	#	115,300	248,290	140,590	to	#
11-1021	General & Operations Managers	AD+	65.52	136,290	118,800	67,110	170,880	79,870	to	176,100
11-2011	Advertising & Promotions Managers	BD+	78.63	163,550	142,870	67,620	211,510	79,440	to	#
11-2021	Marketing Managers	BD+	73.62	153,120	144,130	85,120	187,130	103,920	to	185,410
11-2022	Sales Managers	BD+	65.77	136,800	118,920	72,640	168,880	85,410	to	174,070
11-2031	Public Relations & Fundraising Managers	BD+	60.52	125,880	110,280	74,910	151,360	85,290	to	155,490
11-3011	Administrative Services Managers	WK EXP	54.83	114,050	102,780	62,650	139,760	72,650	to	137,850
11-3021	Computer & Information Systems Managers	BD+	70.83	147,330	137,240	93,150	174,420	106,870	to	174,260
11-3031	Financial Managers	BD+	68.03	141,510	131,790	77,360	173,580	93,860	to	175,030
11-3051	Industrial Production Managers	BD+	52.01	108,190	98,340	69,470	127,550	78,170	to	130,210
11-3061	Purchasing Managers	BD+	61.26	127,410	120,030	81,210	150,510	93,900	to	145,960
11-3071	Transportation, Storage & Distribution Managers	WK EXP	50.92	105,920	97,750	61,880	127,940	73,350	to	119,990
11-3111	Compensation & Benefits Managers	BD+	60.73	126,310	115,600	79,140	149,900	89,360	to	155,060
11-3121	Human Resources Managers	BD+	68.33	142,120	128,410	87,290	169,530	100,000	to	170,190

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11-3131	Training & Development Managers	BD+	64.04	133,200	126,110	79,140	160,220	89,290	to	158,440
11-9021	Construction Managers	AD+	62.97	130,980	115,970	77,110	157,910	88,900	to	163,010
11-9031	Education Administrators, Preschool & Childcare Center/Program	BD+	21.96	45,680	43,190	32,340	52,360	35,970	to	52,240
11-9032	Education Administrators, Elementary & Secondary School	MD+	*	107,810	107,790	72,520	125,450	85,550	to	127,810
11-9033	Education Administrators, Postsecondary	MD+	59.40	123,550	106,920	58,530	156,060	69,910	to	153,210
11-9039	Education Administrators, Other	BD+	48.83	101,560	85,560	58,530	123,070	66,650	to	126,880
11-9041	Architectural & Engineering Managers	BD+	71.85	149,450	140,770	104,390	171,990	118,100	to	172,480
11-9051	Food Service Managers	WK EXP	32.14	66,850	61,880	42,130	79,210	46,010	to	84,770
11-9061	Funeral Service Managers	AD	50.72	105,500	91,950	84,560	115,970	84,120	to	107,520
11-9071	Gaming Managers	PS+	33.46	69,600	61,990	53,880	77,460	54,520	to	82,730
11-9081	Lodging Managers	WK EXP	30.43	63,300	64,410	36,030	76,940	38,160	to	77,260
11-9111	Medical & Health Services Managers	BD	48.16	100,170	88,580	59,440	120,530	68,160	to	115,400
11-9121	Natural Sciences Managers	BD+	84.09	174,900	160,720	105,700	209,510	123,600	to	#
11-9131	Postmasters & Mail Superintendents	WK EXP	34.56	71,880	73,330	55,280	80,180	56,820	to	84,770
11-9141	Property, Real Estate & Community Association Managers	WK EXP	40.79	84,840	71,770	42,900	105,820	52,240	to	95,790
11-9151	Social & Community Service Managers	BD+	33.69	70,070	63,010	45,580	82,320	49,850	to	82,800

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11-9161	Emergency Management Directors	BD+	32.23	67,030	64,030	38,180	81,460	43,960	to	85,460
11-9199	Managers, Other	WK EXP	55.54	115,530	106,140	68,710	138,940	79,430	to	138,930
13-0000	**Business & Financial Operations Occupations**	**#**	**35.45**	**73,740**	**67,420**	**44,190**	**88,510**	**51,020**	**to**	**89,900**
13-1011	Agents & Business Managers of Artists, Performers & Athletes	BD+	30.57	63,590	45,160	30,770	80,000	36,200	to	65,780
13-1021	Buyers & Purchasing Agents, Farm Products	LT OJT	28.04	58,320	55,560	46,340	64,310	49,270	to	61,660
13-1022	Wholesale & Retail Buyers	LT OJT	26.98	56,120	51,570	38,000	65,180	42,380	to	67,370
13-1023	Purchasing Agents	LT OJT	32.82	68,260	65,660	46,930	78,920	51,760	to	83,180
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	31.39	65,290	63,290	44,830	75,520	50,590	to	79,430
13-1032	Insurance Appraisers, Auto Damage	PS	28.78	59,860	60,720	48,500	65,540	51,760	to	69,300
13-1041	Compliance Officers	BD	35.15	73,110	70,280	46,970	86,180	53,790	to	89,120
13-1051	Cost Estimators	BD	31.60	65,720	60,800	45,190	75,990	50,210	to	79,010
13-1071	Human Resources Specialists	BD	32.98	68,600	64,330	44,400	80,700	50,620	to	80,030
13-1075	Labor Relations Specialists	BD	25.39	52,810	44,570	18,630	69,900	20,000	to	79,420
13-1081	Logisticians	BD+	36.51	75,940	75,530	54,460	86,690	61,920	to	90,520
13-1111	Management Analysts	BD+	46.35	96,400	90,200	58,030	115,590	68,210	to	115,590
13-1121	Meeting, Convention & Event Planners	BD	24.66	51,300	49,370	37,210	58,340	41,450	to	59,530

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13-1131	Fundraisers	TBD	26.46	55,030	54,520	36,080	64,500	43,390	to	67,980
13-1141	Compensation, Benefits & Job Analysis Specialists	BD	32.42	67,430	64,620	47,590	77,340	52,200	to	81,180
13-1151	Training & Development Specialists	BD	31.04	64,570	61,850	39,420	77,140	45,640	to	80,760
13-1161	Market Research Analysts & Marketing Specialists	BD	32.56	67,720	62,400	39,280	81,930	45,750	to	86,630
13-1199	Business Operations Specialists, Other	LT OJT	38.89	80,880	79,370	51,420	95,610	60,750	to	96,020
13-2011	Accountants & Auditors	BD	37.44	77,880	70,220	47,220	93,210	54,030	to	92,700
13-2021	Appraisers & Assessors of Real Estate	LT OJT	26.24	54,590	51,930	38,960	62,400	42,600	to	64,150
13-2031	Budget Analysts	BD	35.87	74,620	72,390	54,430	84,710	59,720	to	89,150
13-2041	Credit Analysts	BD	33.52	69,730	60,080	43,840	82,670	49,350	to	85,490
13-2051	Financial Analysts	BD	38.04	79,120	71,540	48,800	94,280	55,080	to	93,850
13-2052	Personal Financial Advisors	BD	50.37	104,760	80,440	50,550	131,870	58,420	to	120,360
13-2053	Insurance Underwriters	BD	37.27	77,510	72,010	47,890	92,320	54,250	to	97,990
13-2061	Financial Examiners	BD	40.80	84,870	74,160	54,670	99,970	59,300	to	107,280
13-2071	Credit Counselors	BD	23.11	48,070	44,440	32,370	55,910	36,050	to	57,860
13-2072	Loan Officers	MT OJT	36.29	75,490	63,280	44,380	91,050	48,530	to	89,910
13-2081	Tax Examiners & Collectors & Revenue Agents	BD	25.40	52,840	48,290	37,480	60,510	41,380	to	56,530

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MAY 2012

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13-2082	Tax Preparers	MT OJT	19.48	40,520	35,070	28,080	46,740	30,240	to	41,700
13-2099	Financial Specialists, Other	BD	31.28	65,060	62,430	34,550	80,320	38,140	to	80,750
15-0000	**Computer & Mathematical Occupations**	**#**	**40.10**	**83,420**	**80,440**	**49,530**	**100,360**	**58,910**	**to**	**105,360**
15-1111	Computer & Information Research Scientists	PhD	45.22	94,050	90,340	63,350	109,400	73,220	to	113,050
15-1121	Computer Systems Analysts	BD	44.05	91,630	90,280	60,650	107,120	69,950	to	111,440
15-1122	Information Security Analysts	TBD	46.31	96,330	98,070	57,640	115,680	68,930	to	123,440
15-1131	Computer Programmers	BD	37.79	78,600	73,320	50,040	92,880	57,010	to	95,440
15-1132	Software Developers, Applications	BD	46.36	96,440	93,930	69,490	109,910	78,420	to	115,080
15-1133	Software Developers, Systems Software	BD	48.47	100,820	96,700	67,130	117,660	75,280	to	120,260
15-1134	Web Developers	TBD	31.82	66,190	64,490	43,990	77,290	50,170	to	78,920
15-1141	Database Administrators	BD+	37.91	78,860	76,360	53,250	91,660	61,140	to	93,980
15-1142	Network & Computer Systems Administrators	BD	42.33	88,040	85,690	60,520	101,810	68,040	to	106,850
15-1143	Computer Network Architects	TBD	51.98	108,110	104,520	71,330	126,510	82,070	to	125,620
15-1151	Computer User Support Specialists	TBD	23.33	48,520	44,080	31,620	56,980	35,440	to	56,910
15-1152	Computer Network Support Specialists	TBD	33.00	68,630	65,570	46,850	79,530	52,530	to	83,310
15-1199	Computer Occupations, Other	BD	40.53	84,310	85,650	57,210	97,850	67,360	to	99,110

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15-2011	Actuaries	BD+	55.90	116,270	103,700	72,440	138,190	80,720	to	141,900
15-2031	Operations Research Analysts	BD	41.31	85,930	78,480	54,340	101,720	61,000	to	100,860
15-2041	Statisticians	MD	36.74	76,410	72,650	49,060	90,090	56,570	to	95,420
17-0000	**Architecture & Engineering Occupations**	**#**	**37.83**	**78,690**	**75,320**	**48,310**	**93,880**	**56,650**	**to**	**97,060**
17-1011	Architects	BD	37.58	78,160	75,810	47,120	93,670	54,790	to	90,330
17-1012	Landscape Architects	BD	32.16	66,880	59,120	51,320	74,660	52,770	to	83,180
17-1021	Cartographers & Photogrammetrists	BD	27.12	56,410	51,040	35,530	66,850	38,140	to	68,310
17-1022	Surveyors	BD	27.04	56,240	55,160	42,460	63,130	45,980	to	65,490
17-2011	Aerospace Engineers	BD	41.62	86,570	84,050	64,010	97,840	70,330	to	97,040
17-2031	Biomedical Engineers	BD	40.69	84,630	83,100	62,130	95,880	69,560	to	95,900
17-2041	Chemical Engineers	BD	46.23	96,160	94,980	69,940	109,260	76,730	to	115,590
17-2051	Civil Engineers	BD	40.65	84,560	78,840	56,280	98,700	62,010	to	103,640
17-2061	Computer Hardware Engineers	BD	38.62	80,340	80,270	51,620	94,690	59,300	to	102,240
17-2071	Electrical Engineers	BD	45.54	94,720	91,470	62,790	110,680	70,450	to	115,150
17-2072	Electronics Engineers	BD	44.97	93,540	91,430	66,660	106,990	75,920	to	111,960
17-2081	Environmental Engineers	BD	39.65	82,470	81,920	52,790	97,310	59,300	to	107,040

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17-2111	Health & Safety Engineers	BD	35.61	74,060	72,650	59,140	81,520	65,200	to	83,820
17-2112	Industrial Engineers	BD	42.61	88,620	85,150	60,950	102,450	68,140	to	106,430
17-2131	Materials Engineers	BD	45.60	94,850	95,480	68,500	108,030	75,760	to	113,500
17-2141	Mechanical Engineers	BD	41.58	86,490	85,300	60,280	99,590	67,590	to	104,750
17-2161	Nuclear Engineers	BD	46.03	95,750	96,190	76,620	105,320	82,570	to	110,570
17-2171	Petroleum Engineers	BD	72.28	150,340	133,410	94,570	178,230	107,380	to	179,020
17-2199	Engineers, Other	BD	43.16	89,770	92,200	52,400	108,460	66,220	to	113,470
17-3011	Architectural & Civil Drafters	AD	23.45	48,770	45,910	35,880	55,210	40,160	to	58,310
17-3012	Electrical & Electronics Drafters	AD	30.87	64,220	62,850	47,240	72,710	52,940	to	76,470
17-3013	Mechanical Drafters	AD	27.14	56,460	52,620	37,540	65,920	42,480	to	67,380
17-3019	Drafters, Other	AD	31.38	65,280	69,230	42,230	76,800	48,930	to	84,680
17-3021	Aerospace Engineering & Operations Technicians	AD	34.27	71,280	70,820	50,560	81,640	61,840	to	85,320
17-3022	Civil Engineering Technicians	AD	25.44	52,910	51,860	37,810	60,460	41,630	to	59,120
17-3023	Electrical & Electronic Engineering Technicians	AD	27.76	57,740	54,760	37,570	67,820	42,540	to	65,860
17-3024	Electro-Mechanical Technicians	AD	27.81	57,850	55,010	42,720	65,420	46,700	to	62,840
17-3025	Environmental Engineering Technicians	AD	20.96	43,590	40,460	30,630	50,070	32,790	to	52,740

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17-3026	Industrial Engineering Technicians	AD	27.19	56,560	52,840	37,180	66,250	42,520	to	68,510
17-3027	Mechanical Engineering Technicians	AD	24.18	50,290	47,040	38,080	56,390	40,510	to	58,630
17-3029	Engineering Technicians, Other	AD	33.86	70,430	77,570	36,140	87,570	47,170	to	92,980
17-3031	Surveying & Mapping Technicians	MT OJT	21.20	44,100	43,510	30,380	50,960	34,230	to	53,830
19-0000	**Life, Physical & Social Science Occupations**	**#**	**34.61**	**71,980**	**63,620**	**35,720**	**90,110**	**43,740**	**to**	**92,570**
19-1012	Food Scientists & Technologists	BD	30.43	63,300	58,680	40,110	74,890	43,930	to	73,420
19-1013	Soil & Plant Scientists	BD	38.68	80,450	72,240	66,050	87,650	66,020	to	100,280
19-1022	Microbiologists	BD	36.17	75,240	65,410	51,370	87,170	54,500	to	87,860
19-1023	Zoologists & Wildlife Biologists	BD	29.46	61,280	56,860	38,540	72,640	42,930	to	72,900
19-1029	Biological Scientists, Other	PhD	39.76	82,710	77,910	57,860	95,140	65,330	to	95,430
19-1031	Conservation Scientists	BD	28.96	60,250	56,700	45,250	67,740	48,620	to	69,230
19-1032	Foresters	BD	40.16	83,530	56,170	44,100	103,240	46,400	to	153,310
19-1041	Epidemiologists	MD	37.72	78,460	80,420	46,220	94,590	50,480	to	100,220
19-1042	Medical Scientists	PhD	52.14	108,440	98,670	60,050	132,640	70,790	to	132,920
19-2012	Physicists	PhD	50.44	104,910	106,330	74,240	120,250	88,800	to	116,590
19-2021	Atmospheric & Space Scientists	BD	35.47	73,790	74,400	49,220	86,070	56,020	to	89,150

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19-2031	Chemists	BD	38.81	80,730	76,870	50,870	95,660	59,020 to 100,350
19-2032	Materials Scientists	BD	38.17	79,400	75,010	63,490	87,350	66,360 to 91,100
19-2041	Environmental Scientists & Specialists	BD	33.59	69,860	59,670	39,730	84,930	46,120 to 90,210
19-2042	Geoscientists	BD	28.89	60,090	55,690	37,040	71,620	40,390 to 73,260
19-2043	Hydrologists	MD	33.99	70,690	66,940	53,230	79,420	57,390 to 78,150
19-2099	Physical Scientists, Other	BD	41.40	86,100	87,280	54,550	101,880	61,250 to 110,570
19-3011	Economists	BD	45.06	93,730	90,530	66,990	107,100	75,850 to 108,750
19-3022	Survey Researchers	BD	14.75	30,690	26,220	16,940	37,560	18,570 to 36,930
19-3031	Clinical, Counseling & School Psychologists	PhD	38.88	80,860	72,920	46,920	97,830	54,390 to 99,040
19-3032	Industrial-Organizational Psychologists	MD	41.52	86,370	86,680	72,690	93,210	79,220 to 94,140
19-3039	Psychologists, Other	MD	42.62	88,640	96,020	60,560	102,680	87,280 to 107,650
19-3041	Sociologists	MD	34.20	71,140	63,590	48,890	82,260	52,630 to 85,800
19-3051	Urban & Regional Planners	MD	29.63	61,640	59,220	44,500	70,210	50,260 to 72,330
19-3091	Anthropologists & Archeologists	MD	32.00	66,570	67,090	39,540	80,080	43,140 to 87,110
19-3092	Geographers	BD	34.63	72,030	71,270	62,760	76,660	64,850 to 80,760
19-3093	Historians	MD	21.76	45,260	36,870	35,010	50,390	34,050 to 51,350

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19-3099	Social Scientists & Related Workers, Other	BD	39.27	81,680	80,750	63,000	91,030	67,370	to	93,500
19-4011	Agricultural & Food Science Technicians	AD	21.17	44,020	42,770	31,240	50,420	34,740	to	51,110
19-4021	Biological Technicians	BD	24.12	50,160	48,740	36,410	57,030	40,530	to	59,700
19-4031	Chemical Technicians	AD	21.09	43,870	42,240	30,300	50,650	33,920	to	51,150
19-4041	Geological & Petroleum Technicians	AD	25.39	52,810	48,700	33,770	62,330	36,760	to	60,650
19-4061	Social Science Research Assistants	AD	19.45	40,450	36,540	27,950	46,710	32,180	to	45,860
19-4091	Environmental Science & Protection Technicians	AD	18.02	37,470	35,800	26,120	43,150	29,030	to	43,630
19-4092	Forensic Science Technicians	BD	22.45	46,700	46,000	39,810	50,150	41,380	to	52,850
19-4099	Life, Physical & Social Science Technicians, Other	AD	24.46	50,870	50,400	33,750	59,430	40,860	to	60,400
21-0000	**Community & Social Services Occupations**	**#**	**20.43**	**42,500**	**39,400**	**26,430**	**50,530**	**30,560**	**to**	**52,530**
21-1011	Substance Abuse & Behavioral Disorder Counselors	MT OJT	19.17	39,880	37,950	28,710	45,470	32,190	to	46,040
21-1012	Educational, Guidance, School & Vocational Counselors	MD	26.07	54,240	50,810	32,900	64,900	39,040	to	68,000
21-1013	Marriage & Family Therapists	MD	26.48	55,090	51,640	38,890	63,190	42,430	to	67,460
21-1014	Mental Health Counselors	MD	20.08	41,760	39,910	27,890	48,700	31,530	to	51,580
21-1015	Rehabilitation Counselors	MD	19.35	40,260	36,960	25,790	47,490	28,860	to	49,070
21-1019	Counselors, Other	MD	22.31	46,410	49,160	29,220	55,000	39,640	to	56,940

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
21-1021	Child, Family & School Social Workers	BD	20.85	43,370	40,630	31,520	49,290	34,040	to	52,010
21-1022	Healthcare Social Workers	MD	25.47	52,980	50,770	37,680	60,640	41,640	to	59,980
21-1023	Mental Health & Substance Abuse Social Workers	BD	20.16	41,930	38,920	31,270	47,250	33,920	to	48,880
21-1029	Social Workers, Other	BD	32.93	68,490	69,400	54,230	75,620	63,010	to	78,300
21-1091	Health Educators	BD	27.62	57,440	57,670	38,200	67,060	43,320	to	70,370
21-1092	Probation Officers & Correctional Treatment Specialists	BD	24.75	51,490	50,410	40,080	57,190	42,990	to	58,270
21-1093	Social & Human Service Assistants	ST OJT	13.70	28,500	26,760	20,290	32,610	22,060	to	33,490
21-1094	Community Health Workers	TBD	20.81	43,290	39,640	28,860	50,500	30,960	to	52,780
21-1099	Community & Social Service Specialists, Other	BD	15.47	32,180	27,500	16,490	40,030	17,280	to	44,320
21-2011	Clergy	BD	22.85	47,530	46,010	29,310	56,640	35,730	to	56,620
21-2021	Directors, Religious Activities & Education	BD+	24.02	49,960	44,390	24,350	62,760	28,130	to	66,440
21-2099	Religious Workers, Other	BD	12.87	26,780	21,850	17,020	31,660	18,320	to	31,080
23-0000	**Legal Occupations**	**#**	**53.78**	**111,870**	**85,930**	**49,670**	**142,970**	**58,530**	**to**	**149,240**
23-1011	Lawyers	PhD	68.13	141,720	125,660	69,950	177,600	81,240	to	181,980
23-1012	Judicial Law Clerks	PhD	19.50	40,570	41,220	27,970	46,870	31,860	to	46,900
23-1021	Administrative Law Judges, Adjudicators & Hearing Officers	BD+	48.30	100,460	93,110	66,370	117,500	77,210	to	121,910

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

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23-1022	Arbitrators, Mediators & Conciliators	BD+	29.46	61,280	46,000	37,510	73,160	39,560	to	59,270
23-1023	Judges, Magistrate Judges & Magistrates	PhD	28.85	60,010	61,610	45,760	67,130	49,510	to	70,180
23-2011	Paralegals & Legal Assistants	AD	28.43	59,130	57,370	42,340	67,530	47,750	to	69,450
23-2091	Court Reporters	ST OJT	24.26	50,460	50,770	23,870	63,760	32,240	to	67,210
23-2093	Title Examiners, Abstractors & Searchers	ST OJT	21.14	43,970	42,280	33,610	49,160	36,480	to	47,520
23-2099	Legal Support Workers, Other	ST OJT	26.97	56,100	53,790	38,860	64,720	43,440	to	59,590
25-0000	**Education, Training & Library Occupations**	**#**	**27.62**	**57,460**	**51,710**	**27,970**	**72,200**	**33,960**	**to**	**72,210**
25-1011	Business Teachers, Postsecondary	PhD	*	92,150	80,340	46,850	114,810	55,120	to	113,670
25-1021	Computer Science Teachers, Postsecondary	PhD	*	84,060	71,740	50,710	100,740	57,070	to	97,000
25-1022	Mathematical Science Teachers, Postsecondary	PhD	*	81,230	70,070	50,370	96,660	56,420	to	92,830
25-1031	Architecture Teachers, Postsecondary	PhD	*	80,890	77,020	51,260	95,700	57,520	to	101,340
25-1032	Engineering Teachers, Postsecondary	PhD	*	123,290	124,850	69,180	150,340	80,290	to	152,090
25-1041	Agricultural Sciences Teachers, Postsecondary	PhD	*	114,750	102,470	66,970	138,640	80,610	to	132,220
25-1042	Biological Science Teachers, Postsecondary	PhD	*	109,800	92,690	58,260	135,580	67,560	to	135,600
25-1043	Forestry & Conservation Science Teachers, Postsecondary	PhD	*	102,360	104,490	67,940	119,560	81,790	to	129,550
25-1051	Atmospheric, Earth, Marine & Space Sciences Teachers, Postsecondary	PhD	*	99,100	91,750	55,060	121,120	59,730	to	124,900

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
25-1052	Chemistry Teachers, Postsecondary	PhD	*	86,360	74,210	52,460	103,310	59,270	to	98,300
25-1053	Environmental Science Teachers, Postsecondary	PhD	*	120,620	114,180	60,310	150,780	71,400	to	147,540
25-1054	Physics Teachers, Postsecondary	PhD	*	101,050	87,730	56,720	123,210	64,620	to	123,560
25-1061	Anthropology & Archeology Teachers, Postsecondary	PhD	*	109,050	92,100	58,280	134,430	70,080	to	134,050
25-1062	Area, Ethnic & Cultural Studies Teachers, Postsecondary	PhD	*	109,480	93,440	52,430	138,000	61,210	to	146,710
25-1063	Economics Teachers, Postsecondary	PhD	*	111,120	93,400	59,130	137,120	68,700	to	136,050
25-1064	Geography Teachers, Postsecondary	PhD	*	90,820	83,330	49,520	111,470	56,440	to	119,770
25-1065	Political Science Teachers, Postsecondary	PhD	*	110,630	87,190	53,350	139,270	62,970	to	132,740
25-1066	Psychology Teachers, Postsecondary	PhD	*	79,990	71,610	47,850	96,070	55,230	to	93,970
25-1067	Sociology Teachers, Postsecondary	PhD	*	84,480	71,760	54,470	99,480	59,780	to	92,690
25-1071	Health Specialties Teachers, Postsecondary	PhD	*	113,760	89,200	50,690	145,290	57,950	to	162,270
25-1072	Nursing Instructors & Teachers, Postsecondary	MD	*	78,120	67,990	46,830	93,770	53,220	to	87,190
25-1081	Education Teachers, Postsecondary	PhD	*	75,020	67,170	46,970	89,040	51,590	to	90,790
25-1082	Library Science Teachers, Postsecondary	PhD	*	69,380	69,110	48,900	79,620	54,560	to	82,340
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	PhD	*	80,810	66,630	46,380	98,030	51,030	to	102,230
25-1113	Social Work Teachers, Postsecondary	PhD	*	91,560	74,150	46,320	114,170	53,030	to	109,960

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

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25-1121	Art, Drama & Music Teachers, Postsecondary	PhD	*	69,500	64,420	46,740	80,880	50,890	to	84,650
25-1122	Communications Teachers, Postsecondary	PhD	*	75,620	67,580	47,770	89,550	52,130	to	92,960
25-1123	English Language & Literature Teachers, Postsecondary	PhD	*	71,820	66,080	47,700	83,870	52,980	to	83,200
25-1124	Foreign Language & Literature Teachers, Postsecondary	PhD	*	72,850	64,800	47,760	85,400	52,250	to	88,080
25-1125	History Teachers, Postsecondary	PhD	*	86,670	76,870	53,220	103,390	60,970	to	95,110
25-1126	Philosophy & Religion Teachers, Postsecondary	PhD	*	71,340	63,910	42,320	85,840	49,300	to	86,100
25-1191	Graduate Teaching Assistants	BD	*	39,300	39,460	27,460	45,220	33,190	to	46,380
25-1192	Home Economics Teachers, Postsecondary	PhD	*	74,070	76,650	42,180	90,010	48,200	to	95,220
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	MD	*	68,710	59,700	41,730	82,210	46,310	to	85,270
25-1194	Vocational Education Teachers, Postsecondary	WK EXP	28.44	59,150	54,540	35,790	70,820	43,840	to	67,630
25-1199	Postsecondary Teachers, Other	PhD	*	76,460	64,280	34,250	97,560	44,310	to	93,430
25-2011	Preschool Teachers	AD	12.99	27,020	24,300	19,030	31,020	20,510	to	29,500
25-2012	Kindergarten Teachers	BD	*	54,110	47,690	33,730	64,300	37,920	to	65,820
25-2021	Elementary School Teachers	BD	*	56,760	52,640	35,960	67,150	39,750	to	71,290
25-2022	Middle School Teachers	BD	*	61,510	58,230	44,330	70,100	48,220	to	71,660
25-2023	Career/Technical Education Teachers, Middle School	BD+	*	62,400	58,630	51,410	67,890	52,580	to	69,540

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

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25-2031	Secondary School Teachers	BD	*	63,800	60,210	44,900	73,250	49,090	to	75,490
25-2032	Career/Technical Education Teachers, Secondary School	BD+	*	65,380	64,720	49,100	73,520	53,230	to	79,360
25-2051	Special Education Teachers, Preschool	BD	*	46,880	44,060	40,230	50,200	40,400	to	50,790
25-2052	Special Education Teachers, Kindergarten & Elementary School	BD	*	63,320	58,870	42,940	73,510	48,650	to	78,590
25-2053	Special Education Teachers, Middle School	BD	*	68,910	65,060	46,670	80,040	51,950	to	83,820
25-2054	Special Education Teachers, Secondary School	BD	*	65,300	61,900	44,310	75,800	48,860	to	80,190
25-2059	Special Education Teachers, Other	BD	*	61,140	61,250	40,370	71,530	41,950	to	79,610
25-3011	Adult Basic & Secondary Education & Literacy Teachers & Instructors	BD	22.50	46,800	43,720	27,100	56,650	29,250	to	61,140
25-3021	Self-Enrichment Education Teachers	WK EXP	19.73	41,030	33,780	21,640	50,720	24,860	to	57,300
25-3098	Substitute Teachers	TBD	14.77	30,720	29,120	22,800	34,690	24,730	to	35,770
25-3099	Teachers & Instructors, Other	BD	*	41,110	40,470	18,390	52,470	19,370	to	54,110
25-4011	Archivists	BD	24.68	51,330	46,650	27,140	63,430	34,080	to	62,780
25-4012	Curators	MD	32.57	67,740	67,310	47,960	77,630	56,050	to	75,540
25-4013	Museum Technicians & Conservators	BD	22.97	47,780	42,650	32,330	55,510	35,030	to	53,890
25-4021	Librarians	MD	28.98	60,290	56,940	37,410	71,720	44,210	to	77,310
25-4031	Library Technicians	PS	15.53	32,310	31,480	21,710	37,600	25,050	to	37,830

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

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25-9011	Audio-Visual & Multimedia Collections Specialists	BD+	22.80	47,420	46,820	26,340	57,960	31,570	to	61,480
25-9031	Instructional Coordinators	MD+	29.49	61,340	58,730	39,770	72,130	45,320	to	74,790
25-9041	Teacher Assistants	ST OJT	*	27,460	25,340	18,860	31,760	20,580	to	30,710
25-9099	Education, Training & Library Workers, Other	BD	22.39	46,560	42,350	23,060	58,320	31,710	to	56,670
27-0000	**Arts, Design, Entertainment, Sports & Media Occupations**	**#**	**26.84**	**55,830**	**46,930**	**25,850**	**70,810**	**31,530**	**to**	**69,910**
27-1011	Art Directors	BD+	44.22	91,970	82,860	52,980	111,470	61,100	to	109,610
27-1012	Craft Artists	LT OJT	12.27	25,530	18,990	17,110	29,740	17,300	to	27,950
27-1013	Fine Artists	LT OJT	25.45	52,940	44,570	32,230	63,300	35,700	to	67,930
27-1014	Multimedia Artists & Animators	BD	33.04	68,720	60,100	40,460	82,850	45,140	to	89,890
27-1019	Artists & Related Workers, Other	LT OJT	33.06	68,760	73,420	38,980	83,640	43,800	to	92,990
27-1021	Commercial & Industrial Designers	BD	28.67	59,630	58,550	42,530	68,170	50,380	to	70,580
27-1022	Fashion Designers	LT OJT	32.12	66,810	52,790	37,810	81,320	41,890	to	76,950
27-1023	Floral Designers	ST OJT	12.47	25,930	23,320	20,570	28,610	21,040	to	28,090
27-1024	Graphic Designers	BD	24.60	51,160	46,770	34,210	59,640	38,330	to	61,840
27-1025	Interior Designers	BD	24.67	51,310	48,570	31,330	61,300	37,550	to	63,400
27-1026	Merchandise Displayers & Window Trimmers	MT OJT	15.74	32,740	30,890	21,720	38,250	23,700	to	37,050

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

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27-1027	Set & Exhibit Designers	BD	28.92	60,150	47,780	40,390	70,030	42,520	to	66,800
27-1029	Designers, Other	BD	27.57	57,340	58,530	40,430	65,790	49,070	to	70,020
27-2011	Actors	PS	13.64	#	#	#	#	#	to	#
27-2012	Producers & Directors	BD+	41.78	86,890	77,590	38,820	110,930	46,650	to	116,610
27-2021	Athletes & Sports Competitors	LT OJT	*	71,210	52,090	25,990	93,820	29,160	to	84,850
27-2022	Coaches & Scouts	LT OJT	*	37,780	28,160	18,530	47,400	20,360	to	46,010
27-2031	Dancers	LT OJT	16.57	#	#	#	#	#	to	#
27-2041	Music Directors & Composers	BD+	30.44	63,310	46,560	34,380	77,770	40,490	to	101,660
27-2042	Musicians & Singers	LT OJT	35.70	#	#	#	#	#	to	#
27-2099	Entertainers & Performers, Sports & Related Workers, Other	ST OJT	17.42	#	#	#	#	#	to	#
27-3022	Reporters & Correspondents	BD	17.81	37,050	34,070	23,740	43,710	26,820	to	44,930
27-3031	Public Relations Specialists	BD	33.58	69,840	58,250	36,680	86,420	44,160	to	86,680
27-3041	Editors	BD+	28.82	59,940	55,120	34,570	72,620	41,270	to	77,040
27-3042	Technical Writers	BD+	35.50	73,830	73,660	54,190	83,650	62,630	to	88,150
27-3043	Writers & Authors	BD	32.74	68,100	60,440	41,280	81,510	46,890	to	85,840
27-3091	Interpreters & Translators	BD	21.37	44,450	43,870	26,440	53,460	32,050	to	56,190

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

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27-3099	Media & Communication Workers, Other	ST OJT	21.40	44,520	41,330	26,950	53,300	30,220	to	52,620
27-4011	Audio & Video Equipment Technicians	PS	19.85	41,280	40,570	24,960	49,440	30,940	to	50,720
27-4012	Broadcast Technicians	AD	17.76	36,940	31,580	22,200	44,300	24,060	to	48,360
27-4014	Sound Engineering Technicians	PS	22.58	46,970	41,060	25,140	57,890	29,180	to	56,450
27-4021	Photographers	LT OJT	13.89	28,880	27,280	18,640	34,000	21,000	to	34,650
27-4031	Camera Operators: TV, Video & Motion Picture	BD	27.77	57,770	39,780	26,100	73,600	29,160	to	71,450
27-4032	Film & Video Editors	BD+	29.20	60,730	49,110	32,940	74,620	36,910	to	83,030
27-4099	Media & Communication Equipment Workers, Other	MT OJT	35.24	73,300	64,520	33,160	93,370	45,640	to	94,810
29-0000	**Healthcare Practitioners & Technical Occupations**	**#**	**36.55**	**76,030**	**64,460**	**40,420**	**93,830**	**48,000**	**to**	**86,190**
29-1011	Chiropractors	PhD	35.06	72,930	73,080	57,550	80,620	60,850	to	84,850
29-1021	Dentists, General	PhD	79.27	164,870	151,340	100,440	197,090	122,020	to	#
29-1029	Dentists, Other Specialists	PhD	100.12	208,240	#	100,510	#	150,000	to	#
29-1031	Dietitians & Nutritionists	BD	25.58	53,210	55,710	32,540	63,550	42,740	to	66,490
29-1041	Optometrists	PhD	53.50	111,280	105,940	76,520	128,660	94,360	to	117,080
29-1051	Pharmacists	PhD	52.29	108,760	111,380	88,790	118,740	100,470	to	122,860
29-1062	Family & General Practitioners	PhD	84.52	175,800	164,890	93,600	216,910	120,800	to	#

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

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29-1064	Obstetricians & Gynecologists	PhD	113.87	236,840	#	188,150	#	#	to	#
29-1065	Pediatricians, General	PhD	72.30	150,380	142,450	112,270	169,430	122,000	to	170,840
29-1066	Psychiatrists	PhD	93.47	194,410	#	106,310	238,460	134,150	to	#
29-1069	Physicians & Surgeons, Other	PhD	86.67	180,270	179,110	84,300	228,260	114,970	to	#
29-1071	Physician Assistants	MD	34.06	70,850	71,940	44,810	83,870	50,290	to	89,300
29-1081	Podiatrists	PhD	61.22	127,340	110,500	76,580	152,720	86,680	to	145,040
29-1122	Occupational Therapists	MD	34.81	72,410	69,910	52,620	82,300	57,890	to	86,340
29-1123	Physical Therapists	PhD	36.78	76,510	75,170	58,200	85,660	63,810	to	89,260
29-1124	Radiation Therapists	AD	38.27	79,600	79,220	60,420	89,190	64,640	to	92,590
29-1125	Recreational Therapists	BD	21.15	43,980	42,280	30,390	50,780	32,850	to	54,250
29-1126	Respiratory Therapists	AD	28.63	59,550	60,230	49,850	64,400	52,680	to	68,280
29-1127	Speech-Language Pathologists	MD	37.21	77,400	73,790	57,850	87,170	62,980	to	91,840
29-1128	Exercise Physiologists	MD	24.47	50,900	53,050	31,850	60,430	34,530	to	67,850
29-1129	Therapists, Other	BD	29.25	60,840	51,630	39,020	71,750	43,590	to	59,460
29-1131	Veterinarians	PhD	54.47	113,310	99,200	70,910	134,500	81,320	to	125,000
29-1141	Registered Nurses	TBD	34.23	71,200	70,530	52,880	80,360	58,890	to	83,990

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
29-1161	Nurse Midwives	TBD	40.91	85,090	85,850	80,560	87,360	80,080	to	91,630
29-1171	Nurse Practitioners	TBD	41.04	85,370	88,010	55,280	100,410	70,780	to	104,610
29-1181	Audiologists	PhD	35.15	73,120	76,930	49,940	84,710	55,760	to	88,570
29-1199	Health Diagnosing & Treating Practitioners, Other	MD	35.21	73,230	68,200	46,980	86,350	54,960	to	86,390
29-2011	Medical & Clinical Laboratory Technologists	BD	28.42	59,110	59,200	42,710	67,300	48,710	to	70,270
29-2012	Medical & Clinical Laboratory Technicians	AD	19.54	40,630	37,520	29,530	46,190	31,680	to	47,760
29-2021	Dental Hygienists	AD	32.74	68,100	70,050	52,470	75,920	61,130	to	79,990
29-2031	Cardiovascular Technologists & Technicians	AD	27.00	56,170	55,750	37,420	65,540	42,440	to	69,550
29-2032	Diagnostic Medical Sonographers	AD	28.27	58,810	54,940	42,630	66,900	44,090	to	72,750
29-2033	Nuclear Medicine Technologists	AD	33.87	70,440	70,760	54,950	78,190	61,670	to	82,790
29-2034	Radiologic Technologists	AD	28.26	58,780	58,110	45,180	65,580	49,920	to	69,280
29-2035	Magnetic Resonance Imaging Technologists	TBD	28.06	58,360	58,710	45,420	64,820	49,900	to	68,560
29-2041	Emergency Medical Technicians & Paramedics	PS	18.43	38,330	37,390	26,630	44,170	28,900	to	46,700
29-2051	Dietetic Technicians	MT OJT	14.09	29,310	28,890	18,750	34,590	21,360	to	37,070
29-2052	Pharmacy Technicians	MT OJT	14.56	30,290	30,420	20,500	35,190	23,180	to	36,470
29-2053	Psychiatric Technicians	PS	15.95	33,170	33,560	28,580	35,460	30,380	to	36,430

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
29-2054	Respiratory Therapy Technicians	AD	24.26	50,450	50,890	38,710	56,320	42,710	to	58,470
29-2055	Surgical Technologists	PS	20.26	42,130	42,120	33,550	46,420	36,440	to	46,800
29-2056	Veterinary Technologists & Technicians	AD	20.32	42,270	40,220	30,350	48,240	33,060	to	48,230
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	22.94	47,720	47,560	38,700	52,230	41,080	to	54,930
29-2071	Medical Records & Health Information Technicians	PS	17.27	35,920	33,520	26,700	40,530	28,110	to	40,680
29-2081	Opticians, Dispensing	LT OJT	20.91	43,490	42,040	33,140	48,660	36,600	to	46,540
29-2091	Orthotists & Prosthetists	MD	32.42	67,440	66,620	47,710	77,310	53,160	to	85,780
29-2092	Hearing Aid Specialists	TBD	30.70	63,860	66,590	46,900	72,340	55,350	to	74,280
29-2099	Health Technologists & Technicians, Other	PS	24.38	50,700	48,960	36,520	57,790	39,110	to	59,620
29-9011	Occupational Health & Safety Specialists	BD	35.81	74,480	73,030	55,680	83,880	62,030	to	88,110
29-9012	Occupational Health & Safety Technicians	MT OJT	23.58	49,050	43,180	31,950	57,600	35,360	to	58,130
29-9091	Athletic Trainers	BD	*	44,650	42,180	32,310	50,810	34,860	to	53,010
29-9099	Healthcare Practitioners & Technical Workers, Other	BD	25.95	53,970	47,720	31,270	65,320	34,690	to	69,610
31-0000	**Healthcare Support Occupations**	**#**	**13.68**	**28,440**	**27,070**	**19,510**	**32,910**	**21,700**	**to**	**33,670**
31-1011	Home Health Aides	ST OJT	10.68	22,220	20,900	16,770	24,940	18,000	to	24,340
31-1013	Psychiatric Aides	ST OJT	15.81	32,880	31,610	25,840	36,400	27,160	to	37,320

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
31-1014	Nursing Assistants	TBD	13.54	28,170	27,590	22,290	31,100	23,830	to	32,010
31-1015	Orderlies	TBD	14.94	31,070	30,350	26,410	33,400	27,040	to	35,040
31-2011	Occupational Therapy Assistants	AD	19.54	40,650	39,650	30,950	45,490	33,130	to	45,910
31-2012	Occupational Therapy Aides	ST OJT	14.34	29,820	28,560	23,500	32,980	24,890	to	34,260
31-2021	Physical Therapist Assistants	AD	20.42	42,470	41,790	30,140	48,630	33,770	to	50,230
31-2022	Physical Therapist Aides	MT OJT	12.92	26,870	27,060	18,790	30,920	20,820	to	30,710
31-9011	Massage Therapists	PS	28.02	58,280	62,520	26,660	74,090	33,640	to	83,200
31-9091	Dental Assistants	PS	16.64	34,600	34,370	24,550	39,630	28,620	to	39,760
31-9092	Medical Assistants	MT OJT	16.08	33,440	32,670	26,330	36,990	27,960	to	37,350
31-9093	Medical Equipment Preparers	MT OJT	16.45	34,220	34,610	24,090	39,280	28,760	to	40,260
31-9094	Medical Transcriptionists	PS	18.21	37,870	38,670	30,430	41,580	33,220	to	43,820
31-9095	Pharmacy Aides	ST OJT	11.03	22,940	22,040	17,030	25,890	18,690	to	26,820
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	ST OJT	12.66	26,340	24,580	19,810	29,610	21,220	to	31,160
31-9097	Phlebotomists	TBD	14.95	31,100	30,210	24,650	34,320	25,790	to	36,040
31-9099	Healthcare Support Workers, Other	ST OJT	18.45	38,380	37,580	28,060	43,530	30,880	to	45,350
33-0000	**Protective Service Occupations**	**#**	**20.25**	**42,120**	**37,480**	**21,030**	**52,670**	**23,430**	**to**	**55,650**

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
33-1011	Supervisors - Correctional Officers	WK EXP	32.21	66,990	66,430	52,630	74,170	56,520	to	76,550
33-1012	Supervisors - Police & Detectives	WK EXP	47.79	99,400	96,270	78,790	109,700	83,850	to	113,060
33-1021	Supervisors - Fire Fighting & Prevention	PS+	35.39	73,620	73,230	58,550	81,160	65,380	to	86,030
33-1099	Supervisors - Protective Service Workers, Other	WK EXP	24.35	50,650	50,590	34,770	58,590	38,530	to	59,550
33-2011	Firefighters	PS	20.62	42,880	42,020	30,460	49,090	30,840	to	46,360
33-2021	Fire Inspectors & Investigators	WK EXP	26.00	54,090	49,520	38,100	62,080	41,790	to	67,610
33-3011	Bailiffs	MT OJT	12.10	25,160	19,390	16,650	29,410	17,330	to	33,250
33-3012	Correctional Officers & Jailers	MT OJT	21.67	45,070	43,590	38,500	48,350	39,500	to	48,240
33-3021	Detectives & Criminal Investigators	WK EXP	39.46	82,070	73,320	59,800	93,200	64,500	to	94,830
33-3041	Parking Enforcement Workers	ST OJT	14.39	29,940	28,920	20,160	34,830	22,300	to	36,960
33-3051	Police & Sheriff's Patrol Officers	MT OJT	29.62	61,610	58,380	48,310	68,250	51,360	to	73,720
33-9011	Animal Control Workers	MT OJT	17.07	35,510	38,860	18,720	43,900	20,230	to	46,870
33-9021	Private Detectives & Investigators	PS+	23.39	48,640	35,540	27,630	59,150	27,930	to	67,910
33-9031	Gaming Surveillance Officers & Gaming Investigators	ST OJT	20.40	42,440	41,180	38,010	44,650	41,170	to	45,830
33-9032	Security Guards	ST OJT	12.26	25,490	23,320	18,820	28,830	20,150	to	29,530
33-9091	Crossing Guards	ST OJT	13.47	28,020	27,460	20,700	31,680	22,690	to	32,480

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
33-9092	Lifeguards, Ski Patrol & Other Recreational Protective Service	ST OJT	8.98	18,670	18,270	16,650	19,680	16,760	to	20,400
33-9093	Transportation Security Screeners	MT OJT	17.84	37,100	36,400	32,540	39,380	35,680	to	38,900
33-9099	Protective Service Workers, Other	ST OJT	20.71	43,080	42,310	31,190	49,030	35,430	to	46,900
35-0000	**Food Preparation & Serving Related Occupations**	**#**	**11.28**	**23,470**	**21,050**	**16,720**	**26,840**	**17,890**	**to**	**26,500**
35-1011	Chefs & Head Cooks	WK EXP	24.98	51,960	48,160	35,050	60,420	39,800	to	64,220
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	19.16	39,850	38,670	27,770	45,890	30,970	to	47,460
35-2011	Cooks, Fast Food	ST OJT	9.03	18,780	18,380	16,800	19,760	16,890	to	20,480
35-2012	Cooks, Institution & Cafeteria	ST OJT	13.38	27,840	27,300	19,880	31,810	22,460	to	32,220
35-2014	Cooks, Restaurant	MT OJT	13.97	29,050	28,000	20,650	33,250	22,900	to	34,600
35-2015	Cooks, Short Order	ST OJT	11.19	23,270	22,360	17,020	26,400	18,670	to	27,400
35-2021	Food Preparation Workers	ST OJT	11.21	23,320	22,430	17,310	26,330	18,900	to	27,220
35-3011	Bartenders	ST OJT	11.75	24,440	22,470	18,200	27,560	19,680	to	27,430
35-3021	Combined Food Preparation & Serving Workers	ST OJT	9.60	19,970	18,850	16,690	21,610	17,060	to	22,390
35-3022	Counter Attendants, Cafeteria, Food Concession & Coffee Shop	ST OJT	9.43	19,620	18,910	16,750	21,060	17,120	to	22,200
35-3031	Waiters & Waitresses	ST OJT	10.67	22,190	20,900	16,680	24,950	18,030	to	23,800
35-3041	Food Servers, Nonrestaurant	ST OJT	10.44	21,710	20,060	16,740	24,190	17,600	to	24,160

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

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35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	ST OJT	9.10	18,930	18,360	16,720	20,030	16,840	to	20,700
35-9021	Dishwashers	ST OJT	9.16	19,050	18,670	16,720	20,220	17,000	to	21,440
35-9031	Hosts & Hostesses: Restaurant, Lounge & Coffee Shop	ST OJT	11.95	24,870	23,460	17,350	28,620	18,940	to	29,790
35-9099	Food Preparation & Serving Related Workers, Other	ST OJT	14.97	31,130	32,240	25,420	33,990	27,760	to	35,430
37-0000	**Building & Grounds Cleaning & Maintenance Occupations**	**#**	**14.03**	**29,180**	**27,130**	**19,570**	**33,980**	**21,620**	**to**	**34,860**
37-1011	Supervisors - Housekeeping & Janitorial Workers	WK EXP	21.32	44,340	42,920	31,380	50,820	34,870	to	53,470
37-1012	Supervisors - Landscaping & Groundskeeping Workers	WK EXP	26.73	55,610	54,500	36,980	64,920	40,260	to	68,760
37-2011	Janitors & Cleaners	ST OJT	13.49	28,070	26,770	19,240	32,480	21,300	to	33,760
37-2012	Maids & Housekeeping Cleaners	ST OJT	11.50	23,930	23,120	19,320	26,230	20,480	to	27,440
37-2021	Pest Control Workers	MT OJT	16.13	33,540	32,910	26,930	36,850	28,320	to	38,440
37-3011	Landscaping & Groundskeeping Workers	ST OJT	14.04	29,200	28,240	19,650	33,970	22,090	to	35,090
37-3012	Pesticide Handlers, Sprayers & Applicators, Vegetation	MT OJT	20.21	42,030	41,420	33,340	46,380	35,290	to	48,280
37-3013	Tree Trimmers & Pruners	ST OJT	20.84	43,350	44,000	34,340	47,860	38,850	to	49,450
37-3019	Grounds Maintenance Workers, Other	ST OJT	23.53	48,930	55,460	36,660	55,070	42,220	to	55,470
39-0000	**Personal Care & Service Occupations**	**#**	**12.20**	**25,380**	**22,480**	**17,070**	**29,540**	**18,720**	**to**	**28,890**
39-1021	Supervisors - Personal Service Workers	WK EXP	20.57	42,780	38,970	27,380	50,480	29,400	to	53,680

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
39-2011	Animal Trainers	MT OJT	13.46	27,990	26,350	19,450	32,260	21,460	to	31,150
39-2021	Nonfarm Animal Caretakers	ST OJT	10.35	21,520	19,680	16,730	23,920	17,460	to	24,500
39-3021	Motion Picture Projectionists	ST OJT	10.92	22,720	19,880	16,830	25,660	17,600	to	24,920
39-3031	Ushers, Lobby Attendants & Ticket Takers	ST OJT	11.24	23,370	19,550	16,810	26,660	17,450	to	24,980
39-3091	Amusement & Recreation Attendants	ST OJT	9.63	20,030	18,750	16,680	21,700	17,010	to	22,180
39-3093	Locker Room, Coatroom & Dressing Room Attendants	ST OJT	11.73	24,400	22,010	16,600	28,300	17,970	to	29,440
39-4021	Funeral Attendants	ST OJT	14.66	30,490	29,260	20,660	35,410	23,190	to	35,790
39-4031	Morticians, Undertakers & Funeral Directors	TBD	27.61	57,430	48,330	37,020	67,630	39,290	to	79,500
39-5011	Barbers	PS	12.99	27,010	22,460	18,000	31,520	19,560	to	31,860
39-5012	Hairdressers, Hairstylists & Cosmetologists	PS	13.45	27,980	24,050	18,440	32,760	20,000	to	31,100
39-5092	Manicurists & Pedicurists	PS	8.82	18,350	18,020	16,850	19,100	16,720	to	19,320
39-5093	Shampooers	ST OJT	8.56	17,800	17,870	16,710	18,340	16,590	to	19,160
39-5094	Skincare Specialists	PS	11.94	24,820	22,890	17,890	28,290	19,410	to	28,020
39-6011	Baggage Porters & Bellhops	ST OJT	10.38	21,590	19,180	16,780	23,990	17,280	to	24,030
39-6012	Concierges	MT OJT	12.31	25,600	23,160	19,280	28,760	20,490	to	29,340
39-7011	Tour Guides & Escorts	MT OJT	11.04	22,960	21,920	17,620	25,640	19,140	to	25,910

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
39-9011	Childcare Workers	ST OJT	10.14	21,080	20,460	16,680	23,280	17,690	to	23,720
39-9021	Personal Care Aides	ST OJT	11.41	23,740	22,510	18,870	26,170	20,060	to	26,540
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	14.26	29,670	28,150	18,980	35,010	21,280	to	35,650
39-9032	Recreation Workers	BD	13.15	27,340	25,380	18,420	31,810	20,140	to	30,560
39-9041	Residential Advisors	PS	13.58	28,250	26,710	20,120	32,320	21,980	to	32,570
39-9099	Personal Care & Service Workers, Other	ST OJT	11.38	23,680	20,880	16,880	27,070	18,000	to	26,620
41-0000	**Sales & Related Occupations**	**#**	**22.20**	**46,170**	**30,310**	**18,440**	**60,040**	**20,210**	**to**	**56,510**
41-1011	Supervisors - Retail Sales Workers	WK EXP	24.58	51,130	44,150	30,840	61,280	35,270	to	56,280
41-1012	Supervisors - Non-Retail Sales Workers	WK EXP	56.17	116,840	104,940	61,870	144,320	74,400	to	144,250
41-2011	Cashiers	ST OJT	10.16	21,130	19,430	16,990	23,200	17,490	to	23,650
41-2021	Counter & Rental Clerks	ST OJT	15.06	31,320	27,870	20,370	36,790	22,470	to	36,690
41-2022	Parts Salespersons	MT OJT	17.47	36,340	34,320	22,540	43,230	24,560	to	45,430
41-2031	Retail Salespersons	ST OJT	13.16	27,380	23,140	17,180	32,480	18,840	to	30,710
41-3011	Advertising Sales Agents	MT OJT	28.32	58,900	47,010	27,910	74,400	32,010	to	74,730
41-3021	Insurance Sales Agents	MT OJT	42.17	87,720	67,770	39,120	112,020	48,450	to	98,930
41-3031	Securities, Commodities & Financial Services Sales Agents	BD	50.10	104,210	83,830	40,000	136,310	49,780	to	141,090

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
41-3041	Travel Agents	MT OJT	21.42	44,550	41,150	29,450	52,100	31,860	to	54,010
41-3099	Sales Representatives, Other Services	ST OJT	33.42	69,520	59,310	33,910	87,330	43,040	to	86,260
41-4011	Sales Representatives, Technical & Scientific Products	BD	52.37	108,920	100,850	67,030	129,870	77,250	to	132,410
41-4012	Sales Representatives	MT OJT	32.31	67,200	58,910	37,030	82,290	44,160	to	79,420
41-9011	Demonstrators & Product Promoters	ST OJT	15.99	33,250	33,560	22,130	38,820	24,070	to	38,190
41-9021	Real Estate Brokers	WK EXP	64.28	133,710	117,380	68,840	166,140	74,680	to	165,020
41-9022	Real Estate Sales Agents	LT OJT	30.38	63,190	56,280	39,550	75,020	44,810	to	72,610
41-9031	Sales Engineers	BD	48.91	101,730	93,110	66,920	119,140	74,090	to	119,080
41-9041	Telemarketers	ST OJT	14.57	30,310	25,710	20,040	35,450	21,490	to	36,880
41-9091	Door-to-Door Sales Workers, News & Street Vendors & Related Workers	ST OJT	15.07	31,340	30,020	22,890	35,560	26,260	to	36,770
41-9099	Sales & Related Workers, Other	MT OJT	15.79	32,830	28,220	18,610	39,940	20,380	to	37,750
43-0000	**Office & Administrative Support Occupations**	**#**	**18.05**	**37,540**	**35,150**	**23,170**	**44,720**	**26,740**	**to**	**46,190**
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	28.25	58,750	57,000	38,580	68,840	44,720	to	70,660
43-2011	Switchboard Operators	ST OJT	13.93	28,980	27,800	21,830	32,560	23,560	to	33,240
43-2021	Telephone Operators	ST OJT	19.33	40,200	38,700	29,090	45,760	32,140	to	49,620
43-3011	Bill & Account Collectors	MT OJT	18.06	37,570	35,870	25,680	43,510	28,770	to	44,650

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
43-3021	Billing & Posting Clerks	ST OJT	17.09	35,550	34,480	26,600	40,020	28,940	to	40,800
43-3031	Bookkeeping, Accounting & Auditing Clerks	MT OJT	19.64	40,840	39,920	27,950	47,290	32,040	to	48,720
43-3041	Gaming Cage Workers	ST OJT	13.48	28,040	26,590	20,920	31,600	22,430	to	32,610
43-3051	Payroll & Timekeeping Clerks	MT OJT	20.02	41,640	40,820	31,780	46,580	34,380	to	47,990
43-3061	Procurement Clerks	MT OJT	20.24	42,100	41,430	31,340	47,480	33,900	to	50,500
43-3071	Tellers	ST OJT	13.17	27,390	26,880	21,690	30,250	23,170	to	30,370
43-3099	Financial Clerks, Other	TBD	19.43	40,410	39,930	26,900	47,170	30,390	to	47,380
43-4011	Brokerage Clerks	MT OJT	22.99	47,820	48,680	37,030	53,210	39,810	to	56,110
43-4021	Correspondence Clerks	ST OJT	16.61	34,550	34,140	27,630	38,010	29,670	to	38,080
43-4031	Court, Municipal & License Clerks	MT OJT	18.43	38,340	37,580	31,140	41,930	33,370	to	43,180
43-4041	Credit Authorizers, Checkers & Clerks	ST OJT	16.76	34,860	33,790	23,490	40,540	24,650	to	43,160
43-4051	Customer Service Representatives	ST OJT	18.12	37,690	35,010	24,640	44,220	27,990	to	44,600
43-4061	Eligibility Interviewers, Government Programs	AD	22.88	47,600	46,160	38,700	52,050	41,390	to	54,650
43-4071	File Clerks	ST OJT	13.12	27,300	24,710	18,950	31,470	20,560	to	32,030
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	12.55	26,110	25,350	21,420	28,450	22,210	to	29,390
43-4111	Interviewers	ST OJT	17.36	36,120	34,880	26,470	40,940	28,960	to	42,000

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
43-4121	Library Assistants, Clerical	ST OJT	13.64	28,360	27,260	19,000	33,050	21,420	to	33,620
43-4131	Loan Interviewers & Clerks	ST OJT	19.32	40,180	38,070	29,060	45,740	32,370	to	46,230
43-4141	New Accounts Clerks	ST OJT	16.58	34,480	34,370	27,430	38,000	29,460	to	38,570
43-4151	Order Clerks	ST OJT	14.52	30,200	29,080	19,970	35,310	22,810	to	36,590
43-4161	Human Resources Assistants	ST OJT	19.33	40,200	39,630	28,470	46,070	31,530	to	47,450
43-4171	Receptionists & Information Clerks	ST OJT	14.35	29,840	28,140	20,050	34,730	22,530	to	35,190
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	ST OJT	15.38	31,980	30,520	21,670	37,140	23,670	to	40,950
43-4199	Information & Record Clerks, Other	ST OJT	20.12	41,840	41,380	31,210	47,160	34,510	to	48,400
43-5011	Cargo & Freight Agents	ST OJT	19.13	39,790	41,160	27,360	46,000	31,670	to	47,060
43-5021	Couriers & Messengers	ST OJT	13.22	27,500	26,750	20,280	31,110	22,500	to	30,600
43-5031	Police, Fire & Ambulance Dispatchers	MT OJT	18.67	38,830	37,350	30,480	43,010	32,630	to	45,040
43-5032	Dispatchers	MT OJT	19.78	41,150	38,550	28,230	47,610	31,020	to	48,680
43-5041	Meter Readers, Utilities	ST OJT	21.10	43,900	43,300	29,090	51,300	33,580	to	54,270
43-5051	Postal Service Clerks	ST OJT	24.38	50,710	53,090	45,010	53,560	53,090	to	53,110
43-5052	Postal Service Mail Carriers	ST OJT	26.20	54,490	56,500	50,020	56,730	54,580	to	56,510
43-5053	Postal Service Mail Sorters, Processors & Processing Machine Operators	ST OJT	23.95	49,810	53,090	42,690	53,380	52,980	to	53,100

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
43-5061	Production, Planning & Expediting Clerks	MT OJT	23.48	48,830	48,720	30,080	58,210	36,440	to	59,300
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	16.60	34,530	33,550	23,890	39,840	26,860	to	41,270
43-5081	Stock Clerks & Order Fillers	ST OJT	11.46	23,830	21,730	16,920	27,280	18,190	to	27,980
43-5111	Weighers, Measurers, Checkers & Samplers, Recordkeeping	ST OJT	18.18	37,810	38,220	24,090	44,670	28,030	to	47,270
43-6011	Executive Secretaries & Executive Administrative Assistants	WK EXP	26.77	55,690	54,440	41,000	63,030	45,560	to	64,590
43-6012	Legal Secretaries	MT OJT	23.13	48,100	47,090	37,510	53,400	40,410	to	56,370
43-6013	Medical Secretaries	MT OJT	16.72	34,780	34,130	26,660	38,840	28,700	to	39,870
43-6014	Secretaries	ST OJT	17.05	35,470	34,870	24,030	41,190	27,680	to	43,120
43-9011	Computer Operators	MT OJT	21.63	44,990	44,520	32,070	51,460	37,010	to	54,250
43-9021	Data Entry Keyers	MT OJT	15.38	32,000	31,430	23,690	36,150	25,870	to	37,400
43-9022	Word Processors & Typists	ST OJT	16.82	34,990	33,750	29,690	37,650	30,560	to	37,350
43-9031	Desktop Publishers	AD	21.54	44,810	38,890	30,670	51,880	33,130	to	61,230
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	20.06	41,730	40,930	31,300	46,950	34,150	to	47,310
43-9051	Mail Clerks & Mail Machine Operators	ST OJT	14.99	31,180	30,130	22,370	35,590	24,220	to	36,710
43-9061	Office Clerks, General	ST OJT	15.42	32,070	30,670	20,260	37,980	23,050	to	38,490
43-9071	Office Machine Operators	ST OJT	15.47	32,180	29,800	23,150	36,690	25,270	to	39,080

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
43-9081	Proofreaders & Copy Markers	BD	17.49	36,370	35,110	26,020	41,550	28,110	to	44,510
43-9111	Statistical Assistants	BD	22.57	46,940	46,160	33,670	53,570	36,700	to	56,680
43-9199	Office & Administrative Support Workers, Other	ST OJT	18.46	38,410	35,790	23,770	45,720	26,090	to	48,710
45-0000	**Farming, Fishing & Forestry Occupations**	**#**	**14.88**	**30,960**	**27,850**	**21,250**	**35,810**	**23,760**	**to**	**35,030**
45-1011	Farm & Forestry Worker Supervisors	WK EXP	26.50	55,120	55,290	40,760	62,300	48,940	to	63,460
45-2011	Agricultural Inspectors	BD	24.82	51,620	50,620	39,580	57,650	42,160	to	59,230
45-2041	Graders & Sorters, Agricultural Products	ST OJT	10.50	21,840	21,770	16,550	24,480	17,840	to	26,440
45-2091	Agricultural Equipment Operators	ST OJT	20.10	41,810	40,000	31,060	47,190	33,040	to	52,020
45-2092	Farmworkers & Laborers, Crop, Nursery & Greenhouse	ST OJT	13.76	28,630	27,400	21,620	32,140	24,040	to	31,840
45-2093	Farmworkers, Farm, Ranch & Aquacultural Animals	ST OJT	12.65	26,310	25,990	19,610	29,670	21,570	to	29,540
47-0000	**Construction & Extraction Occupations**	**#**	**24.85**	**51,680**	**47,600**	**31,340**	**61,850**	**35,940**	**to**	**62,800**
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	37.28	77,530	75,950	56,250	88,170	62,560	to	91,820
47-2011	Boilermakers	LT OJT	28.86	60,040	61,850	49,760	65,180	53,230	to	69,260
47-2021	Brickmasons & Blockmasons	LT OJT	29.62	61,610	61,090	42,590	71,120	46,230	to	76,860
47-2022	Stonemasons	LT OJT	26.95	56,060	55,440	39,090	64,550	47,510	to	64,030
47-2031	Carpenters	LT OJT	23.04	47,910	43,500	30,920	56,410	34,470	to	57,560

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
47-2041	Carpet Installers	ST OJT	25.83	53,720	43,100	34,990	63,080	36,810	to	68,060
47-2042	Floor Layers	MT OJT	15.81	32,880	32,750	27,920	35,360	29,460	to	35,960
47-2044	Tile & Marble Setters	LT OJT	25.44	52,910	50,810	29,490	64,610	33,380	to	72,830
47-2051	Cement Masons & Concrete Finishers	MT OJT	21.19	44,070	42,420	31,130	50,540	34,540	to	53,330
47-2053	Terrazzo Workers & Finishers	LT OJT	25.91	53,890	54,630	38,750	61,450	43,200	to	64,860
47-2061	Construction Laborers	ST OJT	19.91	41,410	37,860	25,940	49,150	30,680	to	53,230
47-2071	Paving, Surfacing & Tamping Equipment Operators	MT OJT	23.56	49,000	45,880	33,080	56,970	38,280	to	59,050
47-2072	Pile-Driver Operators	MT OJT	29.32	60,980	58,250	51,300	65,830	52,080	to	69,750
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	27.21	56,600	53,880	38,550	65,630	41,870	to	70,480
47-2081	Drywall & Ceiling Tile Installers	MT OJT	19.09	39,710	33,060	23,850	47,640	25,290	to	49,570
47-2082	Tapers	MT OJT	27.19	56,560	55,410	37,790	65,950	42,880	to	70,790
47-2111	Electricians	LT OJT	30.60	63,640	56,430	39,590	75,670	44,600	to	82,930
47-2121	Glaziers	LT OJT	21.45	44,620	42,730	29,600	52,130	36,670	to	47,690
47-2131	Insulation Workers, Floor, Ceiling & Wall	ST OJT	17.72	36,860	35,500	34,210	38,180	33,020	to	37,980
47-2141	Painters, Construction & Maintenance	MT OJT	22.24	46,250	42,260	30,600	54,080	33,300	to	58,820
47-2151	Pipelayers	ST OJT	25.01	52,010	50,770	40,510	57,770	43,060	to	61,580

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	27.64	57,480	54,490	37,760	67,340	43,010	to	70,570
47-2161	Plasterers & Stucco Masons	LT OJT	23.56	49,010	50,280	39,900	53,570	43,570	to	55,750
47-2171	Reinforcing Iron & Rebar Workers	LT OJT	43.85	91,200	90,040	85,740	93,940	83,420	to	96,830
47-2181	Roofers	MT OJT	21.35	44,400	42,970	33,340	49,940	35,920	to	52,090
47-2211	Sheet Metal Workers	LT OJT	25.93	53,930	50,130	34,240	63,780	38,040	to	68,930
47-2221	Structural Iron & Steel Workers	LT OJT	23.42	48,710	45,360	35,120	55,500	37,110	to	56,670
47-3011	Helpers--Brick, Block & Stonemasons & Tile & Marble Setters	ST OJT	15.63	32,520	29,500	27,110	35,220	26,800	to	36,020
47-3012	Helpers--Carpenters	ST OJT	13.55	28,190	28,050	21,470	31,550	24,150	to	32,960
47-3013	Helpers--Electricians	ST OJT	14.77	30,710	28,750	24,240	33,950	25,210	to	33,880
47-3014	Helpers--Painters, Paperhangers, Plasterers & Stucco Masons	ST OJT	11.59	24,110	23,620	21,390	25,460	21,430	to	27,130
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters & Steamfitters	ST OJT	16.70	34,740	32,510	25,590	39,310	27,670	to	37,700
47-3016	Helpers--Roofers	ST OJT	13.75	28,590	28,440	20,450	32,670	22,400	to	34,340
47-4011	Construction & Building Inspectors	WK EXP	22.56	46,930	46,850	28,390	56,200	35,680	to	58,440
47-4021	Elevator Installers & Repairers	LT OJT	37.00	76,960	69,580	52,620	89,130	54,820	to	100,740
47-4031	Fence Erectors	MT OJT	16.99	35,340	35,220	29,970	38,030	31,360	to	39,640
47-4041	Hazardous Materials Removal Workers	MT OJT	20.06	41,730	39,380	30,490	47,360	32,390	to	49,670

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
47-4051	Highway Maintenance Workers	MT OJT	20.88	43,430	44,770	31,740	49,270	37,580	to	52,500
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	MT OJT	19.09	39,700	38,320	32,000	43,550	33,450	to	45,250
47-5051	Rock Splitters, Quarry	MT OJT	18.49	38,460	37,350	34,370	40,500	34,020	to	42,740
47-5081	Helpers--Extraction Workers	ST OJT	12.17	25,300	23,350	22,070	26,920	21,580	to	29,440
49-0000	**Installation, Maintenance & Repair Occupations**	**#**	**21.79**	**45,330**	**42,900**	**28,540**	**53,730**	**33,040**	**to**	**56,190**
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	33.91	70,520	69,510	50,830	80,370	57,220	to	83,160
49-2011	Computer, Automated Teller & Office Machine Repairers	PS	20.29	42,210	42,020	31,300	47,660	34,330	to	50,580
49-2021	Radio, Cellular & Tower Equipment Installers & Repairers	AD	27.93	58,090	57,820	48,600	62,830	52,250	to	65,650
49-2022	Telecommunications Equipment Installers & Repairers	PS	27.46	57,110	57,640	39,410	65,970	44,210	to	69,640
49-2092	Electric Motor, Power Tool & Related Repairers	PS	20.07	41,750	40,650	30,480	47,380	32,430	to	49,800
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment	PS	19.23	40,000	42,150	28,020	46,000	31,910	to	46,180
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	PS	22.69	47,190	46,160	35,030	53,280	39,620	to	55,990
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation & Relay	PS	35.69	74,230	74,250	60,780	80,960	64,320	to	86,240
49-2097	Electronic Home Entertainment Equipment Installers & Repairers	PS	16.30	33,910	31,990	25,640	38,050	26,940	to	40,340
49-2098	Security & Fire Alarm Systems Installers	MT OJT	25.73	53,530	53,660	38,100	61,240	42,590	to	64,320
49-3011	Aircraft Mechanics & Service Technicians	PS	25.32	52,660	52,760	38,260	59,860	43,470	to	59,390

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
49-3021	Automotive Body & Related Repairers	MT OJT	23.34	48,540	44,450	33,840	55,890	36,940	to	57,530
49-3022	Automotive Glass Installers & Repairers	MT OJT	14.45	30,060	28,700	22,260	33,960	23,550	to	35,960
49-3023	Automotive Service Technicians & Mechanics	LT OJT	19.82	41,220	38,680	25,600	49,020	30,520	to	50,610
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	22.64	47,100	45,880	36,290	52,500	39,260	to	54,700
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	16.84	35,030	33,000	21,130	41,980	24,670	to	46,920
49-3042	Mobile Heavy Equipment Mechanics	LT OJT	24.80	51,590	50,920	38,910	57,930	42,240	to	58,130
49-3052	Motorcycle Mechanics	LT OJT	18.16	37,770	37,650	28,120	42,600	30,990	to	44,250
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	MT OJT	20.28	42,170	40,320	25,760	50,380	29,020	to	51,350
49-3091	Bicycle Repairers	MT OJT	12.63	26,280	26,790	20,350	29,240	22,720	to	29,670
49-3092	Recreational Vehicle Service Technicians	LT OJT	19.52	40,610	40,730	30,870	45,480	34,710	to	45,590
49-3093	Tire Repairers & Changers	MT OJT	13.06	27,160	26,330	19,640	30,930	21,620	to	31,720
49-9012	Control & Valve Installers & Repairers	MT OJT	25.63	53,300	53,640	39,230	60,340	42,940	to	64,990
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS	23.43	48,730	47,080	35,390	55,390	39,720	to	57,460
49-9031	Home Appliance Repairers	MT OJT	15.88	33,030	34,310	18,930	40,080	20,600	to	41,010
49-9041	Industrial Machinery Mechanics	LT OJT	22.91	47,650	46,390	36,050	53,450	39,240	to	56,160
49-9043	Maintenance Workers, Machinery	MT OJT	19.52	40,610	41,310	25,900	47,960	30,450	to	48,990

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
49-9044	Millwrights	LT OJT	28.55	59,390	60,760	49,650	64,260	52,620	to	68,230
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	31.88	66,320	67,590	51,530	73,710	58,410	to	74,750
49-9052	Telecommunications Line Installers & Repairers	LT OJT	27.71	57,650	62,850	36,080	68,430	40,060	to	72,560
49-9061	Camera & Photographic Equipment Repairers	AD	22.15	46,070	37,370	32,760	52,720	33,640	to	48,010
49-9062	Medical Equipment Repairers	AD	23.70	49,290	48,690	34,260	56,810	37,900	to	58,840
49-9063	Musical Instrument Repairers & Tuners	PS	17.83	37,080	34,920	25,360	42,940	28,570	to	42,670
49-9069	Precision Instrument & Equipment Repairers, Other	AD	24.56	51,090	48,700	40,080	56,590	41,900	to	61,160
49-9071	Maintenance & Repair Workers, General	MT OJT	18.92	39,360	37,460	27,290	45,400	30,600	to	46,930
49-9091	Coin, Vending & Amusement Machine Servicers & Repairers	ST OJT	14.30	29,750	29,300	20,430	34,400	22,650	to	35,630
49-9094	Locksmiths & Safe Repairers	LT OJT	16.91	35,160	24,440	22,120	41,680	22,140	to	51,920
49-9096	Riggers	ST OJT	23.32	48,510	50,940	36,580	54,470	42,840	to	57,460
49-9098	Helpers--Installation, Maintenance & Repair Workers	MT OJT	13.40	27,860	24,400	20,290	31,650	21,230	to	32,810
49-9099	Installation, Maintenance & Repair Workers, Other	MT OJT	17.76	36,930	35,520	20,410	45,200	23,190	to	49,700
51-0000	**Production Occupations**	**#**	**18.64**	**38,770**	**35,870**	**23,520**	**46,390**	**26,840**	**to**	**46,920**
51-1011	Supervisors - Production & Operating Workers	PS	31.26	65,020	64,960	43,330	75,860	49,610	to	79,510
51-2021	Coil Winders, Tapers & Finishers	ST OJT	24.28	50,490	47,830	30,490	60,500	35,860	to	67,240

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
51-2022	Electrical & Electronic Equipment Assemblers	ST OJT	17.01	35,380	34,600	24,870	40,630	28,250	to	41,880
51-2023	Electromechanical Equipment Assemblers	ST OJT	16.07	33,430	32,630	24,640	37,830	26,540	to	39,370
51-2031	Engine & Other Machine Assemblers	ST OJT	15.83	32,920	31,350	23,010	37,870	24,190	to	40,320
51-2041	Structural Metal Fabricators & Fitters	MT OJT	21.59	44,910	44,410	33,860	50,430	38,390	to	52,310
51-2091	Fiberglass Laminators & Fabricators	MT OJT	13.50	28,080	27,870	23,990	30,120	24,910	to	30,960
51-2092	Team Assemblers	MT OJT	15.46	32,160	30,360	22,680	36,900	25,190	to	37,750
51-2099	Assemblers & Fabricators, Other	MT OJT	12.09	25,150	23,840	18,770	28,330	20,370	to	28,750
51-3011	Bakers	LT OJT	13.73	28,550	28,170	19,440	33,100	21,990	to	34,350
51-3021	Butchers & Meat Cutters	LT OJT	15.91	33,080	31,320	22,200	38,520	25,140	to	41,490
51-3022	Meat, Poultry & Fish Cutters & Trimmers	ST OJT	14.47	30,090	29,540	22,310	33,990	24,190	to	35,860
51-3023	Slaughterers & Meat Packers	MT OJT	15.10	31,400	30,500	21,920	36,140	23,160	to	39,690
51-3091	Food & Tobacco Roasting, Baking & Drying Machine Operators & Tenders	MT OJT	15.48	32,190	33,010	20,790	37,900	22,650	to	40,970
51-3092	Food Batchmakers	ST OJT	13.76	28,630	25,790	20,430	32,730	21,830	to	32,500
51-3093	Food Cooking Machine Operators & Tenders	ST OJT	15.83	32,920	30,780	16,500	41,130	17,920	to	46,160
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	20.83	43,320	43,160	32,070	48,950	36,530	to	49,780
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal & Plastic	MT OJT	28.65	59,600	54,470	39,760	69,520	43,190	to	71,200

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

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 Setters, Operators & Tenders, Metal & Plastic	MT OJT	20.12	41,840	41,040	29,810	47,860	32,760	to	50,980
51-4022	Forging Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	22.90	47,640	48,360	40,840	51,030	44,250	to	53,420
51-4023	Rolling Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	20.76	43,170	41,620	32,030	48,750	35,130	to	48,700
51-4031	Cutting, Punching & Press Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	16.42	34,160	33,430	23,890	39,290	26,070	to	41,640
51-4032	Drilling & Boring Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	16.61	34,550	34,340	22,500	40,570	27,250	to	41,080
51-4033	Grinding, Lapping, Polishing & Buffing Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	17.89	37,210	36,540	25,340	43,150	28,040	to	45,060
51-4034	Lathe & Turning Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	19.26	40,070	41,460	28,670	45,770	32,250	to	47,090
51-4035	Milling & Planing Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	22.33	46,440	45,320	34,250	52,530	39,900	to	54,810
51-4041	Machinists	LT OJT	21.73	45,210	44,000	32,220	51,700	35,660	to	54,070
51-4051	Metal-Refining Furnace Operators & Tenders	MT OJT	21.17	44,020	42,870	30,780	50,640	33,950	to	50,630
51-4052	Pourers & Casters, Metal	MT OJT	17.62	36,650	35,830	30,040	39,960	31,780	to	41,090
51-4061	Model Makers, Metal & Plastic	LT OJT	25.75	53,560	55,730	33,720	63,480	36,680	to	68,020
51-4071	Foundry Mold & Coremakers	MT OJT	21.97	45,700	47,720	29,410	53,850	35,320	to	57,460
51-4072	Molding, Coremaking & Casting Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	15.25	31,720	30,400	20,580	37,280	23,270	to	39,520
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	18.60	38,680	37,350	26,210	44,920	29,420	to	49,290
51-4111	Tool & Die Makers	LT OJT	24.72	51,410	48,570	39,100	57,560	42,110	to	62,740

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	20.25	42,120	40,860	29,520	48,410	32,330	to	51,180
51-4122	Welding, Soldering & Brazing Machine Setters, Operators & Tenders	MT OJT	17.67	36,760	37,100	27,980	41,150	31,330	to	43,370
51-4191	Heat Treating Equipment Setters, Operators & Tenders, Metal & Plastic	MT OJT	18.90	39,310	37,710	31,000	43,470	32,580	to	45,650
51-4192	Layout Workers, Metal & Plastic	MT OJT	23.61	49,120	48,180	42,650	52,350	43,340	to	55,600
51-4193	Plating & Coating Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	16.94	35,230	30,890	26,160	39,770	27,080	to	38,380
51-4194	Tool Grinders, Filers & Sharpeners	MT OJT	16.05	33,380	30,290	25,550	37,300	26,460	to	36,700
51-4199	Metal Workers & Plastic Workers, Other	MT OJT	15.31	31,850	19,610	16,880	39,340	17,550	to	50,980
51-5111	Prepress Technician & Workers	PS	20.18	41,970	39,390	32,940	46,480	34,550	to	46,820
51-5112	Printing Press Operators	MT OJT	19.15	39,840	39,910	26,590	46,460	29,720	to	46,560
51-5113	Print Binding & Finishing Workers	ST OJT	16.42	34,150	34,800	21,940	40,250	24,940	to	43,160
51-6011	Laundry & Dry-Cleaning Workers	ST OJT	11.12	23,130	22,280	18,070	25,660	19,570	to	26,420
51-6021	Pressers: Textile, Garment & Related Materials	ST OJT	10.43	21,690	21,310	16,970	24,050	18,640	to	23,940
51-6031	Sewing Machine Operators	ST OJT	12.99	27,020	25,870	20,520	30,280	21,950	to	31,410
51-6041	Shoe & Leather Workers & Repairers	MT OJT	12.10	25,180	18,680	16,720	29,400	17,020	to	23,360
51-6051	Sewers, Hand	MT OJT	9.86	20,500	20,450	16,750	22,370	18,260	to	22,540
51-6061	Textile Bleaching & Dyeing Machine Operators & Tenders	ST OJT	11.87	24,690	22,940	19,280	27,390	20,330	to	28,180

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
51-6062	Textile Cutting Machine Setters, Operators & Tenders	MT OJT	15.42	32,070	28,380	24,200	36,000	25,240	to	36,500
51-6063	Textile Knitting & Weaving Machine Setters, Operators & Tenders	MT OJT	13.73	28,550	26,980	20,190	32,730	22,290	to	33,110
51-6064	Textile Winding, Twisting & Drawing Out Machine Setters, Operators & Tenders	MT OJT	13.89	28,890	28,530	20,870	32,900	25,210	to	33,900
51-6091	Extruding & Forming Machine Setters, Operators & Tenders, Synthetic & Glass Fibers	MT OJT	17.55	36,500	40,220	24,940	42,280	27,850	to	43,770
51-6092	Fabric & Apparel Patternmakers	MT OJT	18.91	39,340	38,380	31,670	43,180	34,020	to	45,420
51-6093	Upholsterers	MT OJT	17.98	37,400	39,540	22,460	44,870	23,700	to	49,660
51-6099	Textile, Apparel & Furnishings Workers, Other	ST OJT	25.38	52,790	53,330	51,090	53,650	50,330	to	56,950
51-7011	Cabinetmakers & Bench Carpenters	MT OJT	17.63	36,680	33,970	25,230	42,400	27,690	to	43,410
51-7021	Furniture Finishers	ST OJT	19.27	40,080	37,600	29,360	45,430	31,530	to	46,480
51-7032	Patternmakers, Wood	MT OJT	21.40	44,500	51,340	24,210	54,650	23,780	to	58,410
51-7041	Sawing Machine Setters, Operators & Tenders, Wood	ST OJT	19.12	39,770	37,410	31,320	44,000	32,750	to	48,140
51-7042	Woodworking Machine Setters, Operators & Tenders	ST OJT	18.16	37,770	38,190	22,080	45,620	23,410	to	49,830
51-8012	Power Distributors & Dispatchers	LT OJT	42.80	89,020	81,030	56,300	105,370	62,830	to	113,590
51-8013	Power Plant Operators	LT OJT	31.03	64,550	65,400	51,350	71,150	56,090	to	73,700
51-8021	Stationary Engineers & Boiler Operators	LT OJT	25.15	52,310	53,240	40,400	58,260	44,500	to	59,600
51-8031	Water & Wastewater Treatment Plant & System Operators	LT OJT	24.40	50,750	47,740	38,880	56,690	41,210	to	60,660

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
51-8091	Chemical Plant & System Operators	LT OJT	22.14	46,060	45,030	34,580	51,800	38,890	to	53,110
51-8092	Gas Plant Operators	LT OJT	21.50	44,730	44,830	34,800	49,690	38,930	to	52,320
51-8093	Petroleum Pump System Operators, Refinery Operators & Gaugers	LT OJT	26.00	54,070	49,910	41,840	60,190	43,220	to	63,490
51-8099	Plant & System Operators, Other	LT OJT	24.21	50,370	50,770	41,570	54,760	44,120	to	57,460
51-9011	Chemical Equipment Operators & Tenders	MT OJT	22.09	45,950	42,920	29,190	54,330	33,000	to	61,610
51-9012	Separating, Filtering, Clarifying, Precipitating & Still Machine Setters, Operators & Tenders	MT OJT	20.15	41,900	41,920	33,520	46,100	35,800	to	47,520
51-9021	Crushing, Grinding & Polishing Machine Setters, Operators & Tenders	MT OJT	18.31	38,080	37,170	29,640	42,310	32,290	to	43,730
51-9022	Grinding & Polishing Workers, Hand	MT OJT	15.02	31,250	30,190	23,070	35,340	24,710	to	36,800
51-9023	Mixing & Blending Machine Setters, Operators & Tenders	MT OJT	21.50	44,720	44,360	32,000	51,070	35,620	to	54,150
51-9031	Cutters & Trimmers, Hand	ST OJT	14.18	29,490	27,590	21,920	33,270	23,200	to	34,600
51-9032	Cutting & Slicing Machine Setters, Operators & Tenders	ST OJT	17.67	36,760	36,390	30,760	39,760	32,420	to	41,780
51-9041	Extruding, Forming, Pressing & Compacting Machine Setters, Operators & Tenders	MT OJT	19.98	41,570	39,550	27,980	48,360	30,970	to	47,720
51-9051	Furnace, Kiln, Oven, Drier & Kettle Operators & Tenders	MT OJT	15.41	32,060	30,130	26,270	34,960	26,940	to	36,140
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	22.05	45,860	42,470	30,460	53,550	33,930	to	55,340
51-9071	Jewelers & Precious Stone & Metal Workers	LT OJT	17.47	36,340	35,980	25,450	41,780	28,250	to	43,650
51-9081	Dental Laboratory Technicians	MT OJT	19.45	40,460	39,410	29,830	45,780	31,970	to	46,420

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
51-9082	Medical Appliance Technicians	LT OJT	18.62	38,720	36,630	25,850	45,160	29,070	to	47,250
51-9083	Ophthalmic Laboratory Technicians	MT OJT	16.01	33,310	32,220	26,490	36,720	27,640	to	38,900
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	15.14	31,490	30,980	20,130	37,180	22,530	to	38,450
51-9121	Coating, Painting & Spraying Machine Setters, Operators & Tenders	MT OJT	16.64	34,610	33,720	25,850	38,990	28,440	to	38,320
51-9122	Painters, Transportation Equipment	MT OJT	22.04	45,840	45,290	35,270	51,120	39,690	to	53,700
51-9123	Painting, Coating & Decorating Workers	MT OJT	17.28	35,940	34,730	26,810	40,500	28,880	to	42,180
51-9141	Semiconductor Processors	AD	16.68	34,690	34,980	24,180	39,940	26,320	to	42,940
51-9151	Photographic Process Workers & Processing Machine Operators	ST OJT	11.23	23,370	19,810	16,820	26,640	17,520	to	28,210
51-9191	Adhesive Bonding Machine Operators & Tenders	MT OJT	17.30	35,980	33,080	24,350	41,800	26,400	to	39,810
51-9192	Cleaning, Washing & Metal Pickling Equipment Operators & Tenders	MT OJT	14.96	31,110	29,260	23,180	35,080	24,940	to	37,420
51-9193	Cooling & Freezing Equipment Operators & Tenders	MT OJT	17.53	36,450	29,330	24,960	42,200	25,940	to	51,630
51-9194	Etchers & Engravers	MT OJT	14.51	30,180	27,720	22,640	33,950	23,830	to	33,510
51-9195	Molders, Shapers & Casters, Except Metal & Plastic	LT OJT	15.04	31,280	31,190	23,520	35,160	26,020	to	36,270
51-9196	Paper Goods Machine Setters, Operators & Tenders	MT OJT	19.36	40,270	41,190	29,940	45,430	33,930	to	46,360
51-9198	Helpers--Production Workers	ST OJT	12.92	26,870	25,670	19,950	30,340	21,640	to	29,990
51-9199	Production Workers, Other	MT OJT	17.45	36,290	29,780	23,520	42,670	24,860	to	41,250

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
53-0000	**Transportation & Material Moving Occupations**	#	**16.96**	**35,280**	**31,430**	**20,080**	**42,880**	**22,740**	**to**	**42,520**
53-1011	Aircraft Cargo Handling Supervisors	WK EXP	21.42	44,560	43,810	32,740	50,460	34,600	to	55,070
53-1021	Supervisors - Helpers, Laborers & Material Movers	WK EXP	27.06	56,280	56,230	37,860	65,480	43,770	to	69,290
53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	30.07	62,550	62,740	40,500	73,580	47,970	to	75,020
53-2012	Commercial Pilots	LT OJT	*	95,320	86,590	52,060	116,940	60,850	to	123,250
53-2021	Air Traffic Controllers	AD	67.31	140,010	147,460	103,400	158,310	126,270	to	165,760
53-2022	Airfield Operations Specialists	LT OJT	26.28	54,660	53,330	41,650	61,160	45,460	to	63,150
53-3011	Ambulance Drivers & Attendants	MT OJT	11.42	23,750	23,870	18,850	26,200	20,230	to	27,500
53-3021	Bus Drivers, Transit & Intercity	MT OJT	15.45	32,140	30,090	26,630	34,890	26,980	to	37,230
53-3022	Bus Drivers, School or Special Client	MT OJT	19.57	40,700	41,380	27,240	47,430	31,720	to	49,840
53-3031	Driver/Sales Workers	ST OJT	11.82	24,590	19,530	16,810	28,490	17,440	to	28,700
53-3032	Heavy & Tractor-Trailer Truck Drivers	WK EXP	21.19	44,070	42,670	31,610	50,310	35,280	to	51,650
53-3033	Light Truck or Delivery Services Drivers	ST OJT	17.48	36,350	32,890	21,500	43,780	24,350	to	47,730
53-3041	Taxi Drivers & Chauffeurs	ST OJT	11.93	24,820	23,440	19,490	27,480	20,680	to	28,160
53-3099	Motor Vehicle Operators, Other	ST OJT	18.91	39,340	36,970	28,290	44,860	31,870	to	49,640
53-5011	Sailors & Marine Oilers	ST OJT	33.60	69,900	35,340	25,530	92,080	27,300	to	54,530

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PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

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53-5021	Captains, Mates & Pilots of Water Vessels	BD	26.35	54,810	41,230	27,730	68,350	30,220	to	58,050
53-5031	Ship Engineers	BD	51.64	107,420	69,860	47,090	137,590	51,500	to	125,010
53-6021	Parking Lot Attendants	ST OJT	10.34	21,500	20,800	16,790	23,850	18,000	to	24,070
53-6031	Automotive & Watercraft Service Attendants	ST OJT	8.72	18,150	18,000	16,810	18,810	16,710	to	19,320
53-6041	Traffic Technicians	ST OJT	23.32	48,500	45,320	40,740	52,380	41,130	to	55,690
53-6051	Transportation Inspectors	PS	40.90	85,070	90,190	52,520	101,350	58,830	to	113,470
53-6061	Transportation Attendants	ST OJT	8.34	17,350	17,390	16,570	17,740	16,280	to	18,500
53-6099	Transportation Workers, Other	ST OJT	19.87	41,330	41,360	35,390	44,300	37,790	to	45,090
53-7011	Conveyor Operators & Tenders	ST OJT	15.25	31,710	31,100	22,870	36,140	24,060	to	37,550
53-7021	Crane & Tower Operators	WK EXP	29.67	61,720	59,280	47,460	68,840	51,580	to	74,900
53-7032	Excavating & Loading Machine & Dragline Operators	WK EXP	24.81	51,600	47,550	38,970	57,920	41,710	to	62,630
53-7051	Industrial Truck & Tractor Operators	ST OJT	17.79	37,000	36,540	27,640	41,670	31,290	to	43,360
53-7061	Cleaners of Vehicles & Equipment	ST OJT	10.69	22,240	21,000	16,820	24,950	18,030	to	24,550
53-7062	Laborers & Freight, Stock & Material Movers	ST OJT	14.58	30,320	28,800	20,330	35,310	22,760	to	36,140
53-7063	Machine Feeders & Offbearers	ST OJT	14.53	30,210	29,820	19,950	35,350	22,330	to	36,440
53-7064	Packers & Packagers, Hand	ST OJT	11.54	24,010	22,540	17,120	27,450	18,770	to	28,560

* - Wage not available, occupation generally not compensated at an hourly rate
\# - No data available due to limitations in methodology

PENNSYLVANIA OCCUPATIONAL WAGES
PHILADELPHIA METROPOLITAN DIVISION
(Bucks, Chester, Delaware, Montgomery & Philadelphia Counties)
MAY 2012

SOC Code	Occupational Title	Educ. Level	Average Hourly Wage ($)	Average Annual Wage ($)	Median Annual Wage ($)	Entry Annual Wage ($)	Exper'd Annual Wage ($)	Mid Range Annual Wage ($)		
53-7071	Gas Compressor & Gas Pumping Station Operators	MT OJT	19.32	40,190	39,940	31,490	44,530	33,570	to	46,180
53-7072	Pump Operators	MT OJT	28.40	59,070	56,090	29,990	73,610	30,780	to	71,300
53-7081	Refuse & Recyclable Material Collectors	ST OJT	17.19	35,750	35,800	20,310	43,470	23,370	to	47,190

* - Wage not available, occupation generally not compensated at an hourly rate
# - No data available due to limitations in methodology