MAY 2012

SOC Code	Occupational Title	Educ. Level	Area Type	Average Hourly Wage (\$)	Average Annual Wage (\$)	Median Annual Wage (\$)	Entry Annual Wage (\$)	Exper'd Annual Wage (\$)		d Rar al Wa	nge ige (\$)
00-0000	Total, All Occupations	#	CTY	17.59	36,580	29,840	18,690	45,530	20,780	to	46,900
11-0000	Management Occupations	#	CTY	40.09	83,380	80,130	39,490	105,320	51,800	to	102,360
11-1011	Chief Executives	BD+	WIA	69.12	143,780	116,700	63,700	183,810	80,730	to	#
11-1021	General & Operations Managers	AD+	CTY	41.30	85,900	80,320	41,770	107,960	48,870	to	96,590
11-1031	Legislators (Includes all local elected officials)	BD+	WIA	*	39,010	28,790	16,760	50,140	18,490	to	52,550
11-2011	Advertising & Promotions Managers	BD+	PA	62.29	129,560	103,140	52,170	168,250	61,920	to	184,780
11-2021	Marketing Managers	BD+	WIA	62.88	130,800	128,750	87,320	152,530	100,860	to	160,060
11-2022	Sales Managers	BD+	WIA	41.08	85,440	74,300	55,450	100,430	59,350	to	93,940
11-2031	Public Relations & Fundraising Managers	BD+	PA	52.64	109,480	96,330	59,790	134,330	69,970	to	136,790
11-3011	Administrative Services Managers	WK EXP	WIA	37.15	77,270	76,790	45,990	92,910	49,580	to	88,940
11-3021	Computer & Information Systems Managers	BD+	WIA	55.67	115,790	114,950	86,000	130,680	96,060	to	138,170
11-3031	Financial Managers	BD+	WIA	40.85	84,970	78,130	51,750	101,580	64,430	to	95,220
11-3051	Industrial Production Managers	BD+	WIA	39.66	82,500	78,280	52,930	97,280	58,900	to	99,770
11-3061	Purchasing Managers	BD+	WIA	43.89	91,300	92,820	53,940	109,970	58,970	to	120,810
11-3071	Transportation, Storage & Distribution Managers	WK EXP	WIA	35.48	73,790	76,530	49,640	85,870	63,290	to	90,760
11-3111	Compensation & Benefits Managers	BD+	WIA	66.08	137,460	163,400	74,250	169,060	77,680	to	180,280

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MAY 2012

SOC Code	Occupational Title	Educ. Level	Area Type	Average Hourly Wage (\$)	Average Annual Wage (\$)	Median Annual Wage (\$)	Entry Annual Wage (\$)	Exper'd Annual Wage (\$)	Mid Range Annual Wage (•
11-3121	Human Resources Managers	BD+	WIA	48.99	101,900	104,530	47,750	128,980	48,640	to	124,380
11-3131	Training & Development Managers	BD+	PA	56.30	117,110	106,690	71,990	139,670	81,860	to	141,850
11-9013	Farmers, Ranchers & Other Agricultural Managers	WK EXP	PA	38.82	80,740	84,380	72,730	84,740	78,820	to	90,080
11-9021	Construction Managers	AD+	WIA	44.01	91,540	99,140	58,230	108,200	59,980	to	113,310
11-9031	Education Administrators, Preschool & Childcare Center/Program	BD+	WIA	30.89	64,250	64,980	41,790	75,480	43,280	to	85,250
11-9032	Education Administrators, Elementary & Secondary School	MD+	CTY	*	89,430	89,300	74,440	96,930	78,480	to	103,750
11-9033	Education Administrators, Postsecondary	MD+	PA	55.67	115,790	94,280	54,170	146,600	62,590	to	146,010
11-9039	Education Administrators, Other	BD+	PA	42.44	88,270	75,680	54,940	104,940	62,390	to	102,750
11-9041	Architectural & Engineering Managers	BD+	WIA	62.70	130,420	117,210	77,720	156,770	89,050	to	168,370
11-9051	Food Service Managers	WK EXP	WIA	21.68	45,090	44,240	31,310	51,980	34,210	to	52,960
11-9061	Funeral Service Managers	AD	PA	39.55	82,260	74,840	48,160	99,310	53,900	to	93,990
11-9071	Gaming Managers	PS+	PA	34.34	71,430	65,840	48,460	82,920	52,900	to	84,820
11-9081	Lodging Managers	WK EXP	PA	26.92	55,990	46,860	31,460	68,260	34,550	to	69,900
11-9111	Medical & Health Services Managers	BD	WIA	31.80	66,140	62,280	42,100	78,160	45,100	to	81,690
11-9121	Natural Sciences Managers	BD+	PA	75.37	156,780	141,820	83,560	193,380	98,540	to	#
11-9131	Postmasters & Mail Superintendents	WK EXP	CTY	25.86	53,790	56,820	35,050	63,160	45,500	to	66,050

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MAY 2012

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11-9141	Property, Real Estate & Community Association Managers	WK EXP	PA	35.66	74,160	64,110	37,590	92,450	44,250	to	86,480
11-9151	Social & Community Service Managers	BD+	WIA	24.18	50,290	47,720	38,150	56,360	40,670	to	61,280
11-9161	Emergency Management Directors	BD+	PA	25.77	53,590	47,970	34,470	63,150	38,910	to	62,500
11-9199	Managers, Other	WK EXP	PA	53.07	110,390	102,060	66,210	132,490	77,530	to	132,750
13-0000	Business & Financial Operations Occupations	#	CTY	25.37	52,760	51,170	30,620	63,830	38,310	to	61,570
13-1011	Agents & Business Managers of Artists, Performers & Athletes	BD+	PA	28.24	58,740	41,980	26,180	75,020	29,010	to	64,320
13-1021	Buyers & Purchasing Agents, Farm Products	LT OJT	PA	28.87	60,050	56,720	41,590	69,280	46,340	to	70,870
13-1022	Wholesale & Retail Buyers	LT OJT	WIA	22.03	45,830	42,220	25,130	56,180	27,190	to	65,270
13-1023	Purchasing Agents	LT OJT	CTY	27.76	57,740	52,360	41,100	66,060	44,010	to	72,430
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	WIA	30.44	63,320	61,600	47,810	71,080	53,240	to	68,880
13-1032	Insurance Appraisers, Auto Damage	PS	PA	28.46	59,190	59,700	47,970	64,800	51,330	to	68,690
13-1041	Compliance Officers	BD	WIA	26.52	55,170	53,900	31,610	66,940	36,030	to	68,470
13-1051	Cost Estimators	BD	WIA	20.80	43,260	37,750	28,600	50,590	30,250	to	55,730
13-1071	Human Resources Specialists	BD	CTY	24.77	51,530	56,270	31,060	61,760	30,040	to	65,820
13-1075	Labor Relations Specialists	BD	WIA	16.07	33,430	33,210	16,760	41,770	17,830	to	44,150
13-1081	Logisticians	BD+	WIA	35.28	73,380	69,810	52,280	83,930	56,820	to	90,180

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MAY 2012

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13-1111	Management Analysts	BD+	WIA	47.50	98,810	82,670	61,260	117,580	67,320	to	138,080
13-1121	Meeting, Convention & Event Planners	BD	PA	22.12	46,010	44,610	29,910	54,050	35,460	to	55,670
13-1131	Fundraisers	TBD	PA	25.43	52,900	50,550	33,330	62,690	39,390	to	65,830
13-1141	Compensation, Benefits & Job Analysis Specialists	BD	WIA	27.86	57,940	58,060	42,960	65,440	47,930	to	69,000
13-1151	Training & Development Specialists	BD	WIA	24.78	51,550	50,000	34,190	60,220	38,760	to	62,770
13-1161	Market Research Analysts & Marketing Specialists	BD	WIA	23.94	49,800	46,200	33,080	58,160	36,120	to	58,320
13-1199	Business Operations Specialists, Other	LT OJT	WIA	29.56	61,480	50,560	39,510	72,470	41,370	to	76,740
13-2011	Accountants & Auditors	BD	CTY	21.29	44,280	44,230	37,050	47,890	40,550	to	47,940
13-2021	Appraisers & Assessors of Real Estate	LT OJT	WIA	17.22	35,820	34,820	22,000	42,720	23,740	to	44,880
13-2031	Budget Analysts	BD	PA	33.08	68,810	66,220	49,070	78,680	53,680	to	82,130
13-2041	Credit Analysts	BD	PA	32.35	67,280	58,620	40,520	80,660	45,280	to	84,990
13-2051	Financial Analysts	BD	WIA	32.92	68,480	64,070	45,240	80,100	51,000	to	74,470
13-2052	Personal Financial Advisors	BD	WIA	40.75	84,760	79,520	46,140	104,080	56,390	to	91,820
13-2053	Insurance Underwriters	BD	PA	35.22	73,250	67,700	45,670	87,030	51,340	to	92,910
13-2061	Financial Examiners	BD	PA	38.46	80,000	70,980	48,080	95,950	55,300	to	104,450
13-2071	Credit Counselors	BD	PA	21.19	44,080	41,690	31,630	50,310	34,000	to	50,970

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MAY 2012

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13-2072	Loan Officers	MT OJT	WIA	21.33	44,360	40,400	29,950	51,560	32,190	to	52,670
13-2081	Tax Examiners & Collectors & Revenue Agents	BD	WIA	9.03	18,790	17,980	16,620	19,870	16,620	to	19,530
13-2082	Tax Preparers	MT OJT	WIA	10.75	22,360	22,490	18,270	24,400	19,830	to	25,630
13-2099	Financial Specialists, Other	BD	PA	30.30	63,020	59,640	36,580	76,240	41,540	to	77,040
15-0000	Computer & Mathematical Occupations	#	CTY	26.10	54,290	52,470	37,270	62,800	40,270	to	68,070
15-1111	Computer & Information Research Scientists	PhD	PA	46.91	97,580	91,510	61,970	115,380	70,900	to	118,330
15-1121	Computer Systems Analysts	BD	WIA	34.50	71,750	72,150	51,100	82,080	59,980	to	85,720
15-1122	Information Security Analysts	TBD	PA	40.41	84,040	77,250	50,630	100,750	60,230	to	109,960
15-1131	Computer Programmers	BD	WIA	29.99	62,380	60,990	46,490	70,320	50,140	to	74,430
15-1132	Software Developers, Applications	BD	WIA	29.55	61,460	57,840	39,360	72,500	49,490	to	73,540
15-1133	Software Developers, Systems Software	BD	PA	45.77	95,200	89,910	62,250	111,680	70,910	to	115,340
15-1134	Web Developers	TBD	PA	30.83	64,130	60,830	38,680	76,860	44,720	to	76,300
15-1141	Database Administrators	BD+	PA	36.49	75,900	74,040	48,380	89,660	56,610	to	93,290
15-1142	Network & Computer Systems Administrators	BD	CTY	31.01	64,510	66,390	53,100	70,220	58,580	to	72,490
15-1143	Computer Network Architects	TBD	WIA	35.74	74,340	69,820	59,050	81,990	62,040	to	83,710
15-1151	Computer User Support Specialists	TBD	CTY	20.58	42,800	41,590	34,870	46,770	36,830	to	46,420

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15-1152	Computer Network Support Specialists	TBD	WIA	23.77	49,450	46,940	40,560	53,890	42,520	to	54,800
15-1199	Computer Occupations, Other	BD	PA	37.77	78,570	78,310	52,260	91,720	61,240	to	94,760
15-2011	Actuaries	BD+	PA	52.40	108,990	101,020	63,100	131,940	77,340	to	135,090
15-2021	Mathematicians	MD	PA	48.80	101,510	108,490	55,100	124,720	57,710	to	123,930
15-2031	Operations Research Analysts	BD	PA	36.15	75,190	69,910	44,680	90,440	51,200	to	90,970
15-2041	Statisticians	MD	PA	32.31	67,200	63,280	43,900	78,860	47,590	to	80,470
17-0000	Architecture & Engineering Occupations	#	CTY	29.53	61,430	54,740	40,490	71,900	43,150	to	80,980
17-1011	Architects	BD	PA	39.34	81,830	76,620	50,590	97,450	57,740	to	93,540
17-1012	Landscape Architects	BD	PA	30.58	63,610	57,800	46,230	72,300	49,980	to	77,950
17-1021	Cartographers & Photogrammetrists	BD	PA	25.17	52,350	49,860	36,870	60,090	40,340	to	58,720
17-1022	Surveyors	BD	WIA	29.39	61,130	49,860	42,040	70,670	42,930	to	83,750
17-2011	Aerospace Engineers	BD	PA	41.28	85,870	83,390	64,060	96,770	69,950	to	96,560
17-2021	Agricultural Engineers	BD	PA	32.11	66,780	63,490	44,710	77,820	46,690	to	77,500
17-2031	Biomedical Engineers	BD	PA	40.33	83,890	81,750	59,810	95,930	66,920	to	95,160
17-2041	Chemical Engineers	BD	PA	45.48	94,590	93,120	66,290	108,750	73,860	to	114,640
17-2051	Civil Engineers	BD	WIA	30.59	63,630	57,750	49,730	70,580	51,340	to	79,020

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MAY 2012

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17-2061	Computer Hardware Engineers	BD	PA	39.18	81,500	74,780	54,880	94,810	61,140	to	102,750
17-2071	Electrical Engineers	BD	PA	41.36	86,020	81,270	60,500	98,780	66,500	to	102,180
17-2072	Electronics Engineers	BD	PA	44.21	91,960	90,710	59,560	108,160	69,650	to	113,380
17-2081	Environmental Engineers	BD	CTY	33.52	69,720	59,360	45,730	81,720	48,070	to	97,620
17-2111	Health & Safety Engineers	BD	PA	34.74	72,260	70,620	50,510	83,130	59,220	to	85,140
17-2112	Industrial Engineers	BD	WIA	41.10	85,490	81,830	59,200	98,630	64,020	to	107,350
17-2121	Marine Engineers & Naval Architects	BD	PA	53.67	111,630	104,950	83,700	125,600	98,270	to	127,980
17-2131	Materials Engineers	BD	PA	41.20	85,700	83,000	60,860	98,110	67,040	to	104,810
17-2141	Mechanical Engineers	BD	WIA	33.49	69,660	67,260	47,600	80,690	54,280	to	84,590
17-2151	Mining & Geological Engineers	BD	PA	35.96	74,800	76,750	50,770	86,810	56,190	to	91,100
17-2161	Nuclear Engineers	BD	PA	47.25	98,280	98,260	78,130	108,350	84,440	to	113,190
17-2171	Petroleum Engineers	BD	PA	56.66	117,850	97,560	64,080	144,730	72,190	to	140,250
17-2199	Engineers, Other	BD	PA	44.47	92,490	91,940	55,540	110,970	68,850	to	114,040
17-3011	Architectural & Civil Drafters	AD	WIA	21.54	44,790	44,440	34,840	49,770	37,630	to	52,640
17-3012	Electrical & Electronics Drafters	AD	PA	27.61	57,440	56,590	39,520	66,390	45,400	to	69,530
17-3013	Mechanical Drafters	AD	WIA	23.66	49,220	51,900	31,380	58,140	36,300	to	61,220

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17-3019	Drafters, Other	AD	PA	21.97	45,700	38,390	27,040	55,030	28,950	to	57,420
17-3021	Aerospace Engineering & Operations Technicians	AD	PA	33.51	69,690	69,310	50,090	79,490	59,700	to	80,060
17-3022	Civil Engineering Technicians	AD	PA	23.49	48,870	48,060	34,840	55,880	38,410	to	57,000
17-3023	Electrical & Electronic Engineering Technicians	AD	PA	26.23	54,560	54,550	35,900	63,890	40,740	to	64,980
17-3024	Electro-Mechanical Technicians	AD	PA	22.61	47,030	45,740	34,720	53,180	39,580	to	54,650
17-3025	Environmental Engineering Technicians	AD	PA	19.88	41,360	39,490	30,140	46,970	32,760	to	47,520
17-3026	Industrial Engineering Technicians	AD	WIA	24.44	50,830	49,850	24,010	64,240	23,960	to	69,250
17-3027	Mechanical Engineering Technicians	AD	PA	25.52	53,090	51,730	38,240	60,510	41,620	to	65,200
17-3029	Engineering Technicians, Other	AD	PA	29.07	60,470	60,470	32,810	74,300	39,530	to	76,980
17-3031	Surveying & Mapping Technicians	MT OJT	WIA	18.00	37,440	40,570	27,070	42,620	31,350	to	44,220
19-0000	Life, Physical & Social Science Occupations	#	CTY	27.85	57,940	57,480	47,040	63,380	51,030	to	65,040
19-1011	Animal Scientists	PhD	PA	25.17	52,350	38,840	35,340	60,850	35,190	to	65,050
19-1012	Food Scientists & Technologists	BD	PA	31.27	65,050	61,560	39,110	78,020	44,450	to	78,180
19-1013	Soil & Plant Scientists	BD	PA	31.85	66,240	61,660	42,770	77,970	48,000	to	73,750
19-1021	Biochemists & Biophysicists	PhD	PA	48.56	101,000	94,820	66,890	118,050	77,550	to	121,310
19-1022	Microbiologists	BD	PA	35.15	73,110	63,510	49,890	84,720	53,220	to	82,670

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19-1023	Zoologists & Wildlife Biologists	BD	PA	24.75	51,490	49,090	35,630	59,410	40,390	to	60,910
19-1029	Biological Scientists, Other	PhD	PA	35.79	74,450	71,460	51,790	85,780	59,320	to	85,650
19-1031	Conservation Scientists	BD	CTY	22.82	47,460	51,340	33,280	54,550	41,620	to	56,940
19-1032	Foresters	BD	PA	28.89	60,090	56,740	49,450	65,410	51,610	to	66,210
19-1041	Epidemiologists	MD	PA	37.40	77,790	73,780	54,600	89,390	62,830	to	94,510
19-1042	Medical Scientists	PhD	PA	48.26	100,380	86,990	52,650	124,240	61,010	to	124,490
19-1099	Life Scientists, Other	BD	PA	32.35	67,290	62,890	52,600	74,630	56,350	to	73,920
19-2012	Physicists	PhD	PA	56.59	117,700	110,570	77,710	137,690	94,360	to	130,240
19-2021	Atmospheric & Space Scientists	BD	PA	40.44	84,120	83,540	53,200	99,580	63,140	to	103,660
19-2031	Chemists	BD	PA	35.42	73,680	69,390	44,450	88,290	51,490	to	92,530
19-2032	Materials Scientists	BD	PA	38.16	79,370	77,430	58,660	89,730	65,800	to	92,550
19-2041	Environmental Scientists & Specialists	BD	PA	32.19	66,960	59,740	42,120	79,380	48,020	to	82,000
19-2042	Geoscientists	BD	PA	32.36	67,300	59,550	44,470	78,710	50,110	to	79,040
19-2043	Hydrologists	MD	PA	40.34	83,910	75,140	60,710	95,500	65,260	to	95,470
19-2099	Physical Scientists, Other	BD	PA	44.38	92,310	96,020	59,170	108,880	69,960	to	113,470
19-3011	Economists	BD	PA	42.41	88,210	84,270	57,240	103,690	64,340	to	104,070

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19-3022	Survey Researchers	BD	PA	14.92	31,040	26,930	17,630	37,740	19,190	to	36,900
19-3031	Clinical, Counseling & School Psychologists	PhD	WIA	25.48	53,010	53,770	34,360	62,330	36,280	to	67,630
19-3032	Industrial-Organizational Psychologists	MD	PA	40.75	84,750	72,310	49,000	102,630	54,220	to	91,430
19-3039	Psychologists, Other	MD	PA	39.89	82,970	90,020	52,570	98,170	68,820	to	100,080
19-3041	Sociologists	MD	PA	38.32	79,710	70,720	50,840	94,140	56,660	to	92,980
19-3051	Urban & Regional Planners	MD	WIA	23.03	47,900	47,970	40,370	51,660	42,680	to	54,890
19-3091	Anthropologists & Archeologists	MD	PA	32.12	66,820	61,970	45,530	77,460	51,400	to	83,390
19-3092	Geographers	BD	PA	35.20	73,210	72,030	61,210	79,210	63,700	to	83,190
19-3093	Historians	MD	PA	24.76	51,490	39,590	34,630	59,920	35,090	to	65,320
19-3099	Social Scientists & Related Workers, Other	BD	PA	38.71	80,510	74,630	61,810	89,860	67,350	to	91,370
19-4011	Agricultural & Food Science Technicians	AD	WIA	14.74	30,670	28,550	17,640	37,180	19,240	to	38,000
19-4021	Biological Technicians	BD	PA	21.49	44,700	43,760	29,110	52,500	33,890	to	55,120
19-4031	Chemical Technicians	AD	PA	21.19	44,080	40,430	29,650	51,290	32,410	to	50,900
19-4041	Geological & Petroleum Technicians	AD	PA	24.52	51,000	45,320	31,420	60,790	36,000	to	62,130
19-4051	Nuclear Technicians	AD	PA	37.62	78,250	78,820	61,120	86,820	67,220	to	91,090
19-4061	Social Science Research Assistants	AD	PA	18.87	39,240	36,060	27,230	45,250	31,470	to	45,310

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^{# -} No data available due to limitations in methodology

MAY 2012

SOC Code	Occupational Title	Educ. Level	Area Type	Average Hourly Wage (\$)	Average Annual Wage (\$)	Median Annual Wage (\$)	Entry Annual Wage (\$)	Exper'd Annual Wage (\$)	Mid Range Annual Wage (_
19-4091	Environmental Science & Protection Technicians	AD	PA	20.24	42,110	38,860	29,180	48,570	32,410	to	50,620
19-4093	Forest & Conservation Technicians	AD	WIA	19.91	41,410	43,170	29,710	47,260	29,830	to	46,830
19-4099	Life, Physical & Social Science Technicians, Other	AD	PA	22.71	47,230	44,410	29,440	56,130	33,830	to	58,740
21-0000	Community & Social Services Occupations	#	CTY	20.75	43,150	43,710	27,670	50,890	29,210	to	55,520
21-1011	Substance Abuse & Behavioral Disorder Counselors	MT OJT	WIA	18.04	37,530	36,100	28,520	42,030	30,110	to	43,840
21-1012	Educational, Guidance, School & Vocational Counselors	MD	CTY	24.77	51,520	53,700	33,270	60,650	41,600	to	65,640
21-1013	Marriage & Family Therapists	MD	PA	23.26	48,380	45,770	30,400	57,370	35,300	to	58,200
21-1014	Mental Health Counselors	MD	WIA	19.88	41,340	40,340	28,600	47,720	32,950	to	51,640
21-1015	Rehabilitation Counselors	MD	WIA	13.69	28,480	24,460	16,800	34,320	18,570	to	36,990
21-1019	Counselors, Other	MD	PA	24.30	50,540	51,710	35,460	58,090	43,160	to	59,110
21-1021	Child, Family & School Social Workers	BD	WIA	15.40	32,030	29,270	24,650	35,730	25,610	to	36,340
21-1022	Healthcare Social Workers	MD	WIA	22.36	46,510	45,070	34,550	52,490	38,340	to	54,430
21-1023	Mental Health & Substance Abuse Social Workers	BD	WIA	17.68	36,770	36,560	23,890	43,220	26,500	to	47,090
21-1029	Social Workers, Other	BD	PA	29.83	62,040	64,580	42,060	72,040	51,200	to	74,620
21-1091	Health Educators	BD	PA	25.54	53,110	51,960	33,430	62,960	39,160	to	67,390
21-1092	Probation Officers & Correctional Treatment Specialists	BD	WIA	18.21	37,870	35,310	26,960	43,330	29,440	to	46,570

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MAY 2012

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21-1093	Social & Human Service Assistants	ST OJT	WIA	14.88	30,950	29,060	24,880	33,980	25,870	to	35,290
21-1094	Community Health Workers	TBD	PA	19.30	40,150	36,680	25,750	47,350	29,010	to	47,870
21-1099	Community & Social Service Specialists, Other	BD	PA	20.30	42,230	38,920	24,610	51,040	31,770	to	55,320
21-2011	Clergy	BD	PA	20.53	42,700	41,240	25,660	51,220	29,300	to	53,050
21-2021	Directors, Religious Activities & Education	BD+	PA	19.94	41,470	33,060	19,590	52,410	22,220	to	55,220
21-2099	Religious Workers, Other	BD	PA	13.30	27,670	24,350	17,220	32,890	18,850	to	33,520
23-0000	Legal Occupations	#	WIA	27.97	58,180	51,500	31,640	71,440	35,860	to	59,220
23-1011	Lawyers	PhD	WIA	38.25	79,560	53,890	34,570	102,060	36,130	to	130,650
23-1012	Judicial Law Clerks	PhD	PA	20.16	41,930	40,930	29,170	48,320	32,660	to	48,340
23-1021	Administrative Law Judges, Adjudicators & Hearing Officers	BD+	PA	41.32	85,940	80,750	51,920	102,950	59,320	to	105,190
23-1022	Arbitrators, Mediators & Conciliators	BD+	PA	30.77	64,000	53,350	38,130	76,940	41,730	to	73,410
23-1023	Judges, Magistrate Judges & Magistrates	PhD	PA	29.07	60,470	59,000	42,230	69,590	46,250	to	69,730
23-2011	Paralegals & Legal Assistants	AD	WIA	25.58	53,210	54,610	50,520	54,550	51,180	to	58,040
23-2091	Court Reporters	ST OJT	PA	20.06	41,730	37,880	22,100	51,550	26,230	to	55,250
23-2093	Title Examiners, Abstractors & Searchers	ST OJT	PA	19.26	40,050	39,020	29,430	45,370	32,410	to	45,980
23-2099	Legal Support Workers, Other	ST OJT	WIA	16.83	35,010	30,620	20,150	42,440	22,580	to	41,090

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MAY 2012

SOC Code	Occupational Title	Educ. Level	Area Type	Average Hourly Wage (\$)	Average Annual Wage (\$)	Median Annual Wage (\$)	Entry Annual Wage (\$)	Exper'd Annual Wage (\$)	Mid Range Annual Wage (\$		_
25-0000	Education, Training & Library Occupations	#	CTY	22.77	47,360	51,870	22,680	59,700	26,580	to	65,610
25-1011	Business Teachers, Postsecondary	PhD	PA	*	87,110	78,120	47,750	106,790	55,020	to	105,480
25-1021	Computer Science Teachers, Postsecondary	PhD	PA	*	82,290	71,340	49,250	98,800	55,950	to	96,670
25-1022	Mathematical Science Teachers, Postsecondary	PhD	PA	*	78,330	69,540	49,450	92,770	55,480	to	90,770
25-1031	Architecture Teachers, Postsecondary	PhD	PA	*	77,330	73,110	47,320	92,330	53,530	to	97,390
25-1032	Engineering Teachers, Postsecondary	PhD	PA	*	114,980	110,770	64,820	140,050	75,720	to	145,690
25-1041	Agricultural Sciences Teachers, Postsecondary	PhD	PA	*	106,920	101,100	61,350	129,710	78,670	to	123,150
25-1042	Biological Science Teachers, Postsecondary	PhD	PA	*	99,580	85,770	55,660	121,540	63,700	to	119,760
25-1043	Forestry & Conservation Science Teachers, Postsecondary	PhD	PA	*	93,910	94,090	55,630	113,050	69,670	to	123,250
25-1051	Atmospheric, Earth, Marine & Space Sciences Teachers, Postsecondary	PhD	PA	*	91,900	82,500	53,550	111,070	58,930	to	115,700
25-1052	Chemistry Teachers, Postsecondary	PhD	PA	*	83,070	74,110	51,740	98,740	58,840	to	96,370
25-1053	Environmental Science Teachers, Postsecondary	PhD	PA	*	101,180	89,410	52,890	125,320	59,620	to	129,290
25-1054	Physics Teachers, Postsecondary	PhD	PA	*	94,130	83,270	55,260	113,560	63,110	to	113,380
25-1061	Anthropology & Archeology Teachers, Postsecondary	PhD	PA	*	99,520	86,650	54,270	122,150	64,640	to	115,820
25-1062	Area, Ethnic & Cultural Studies Teachers, Postsecondary	PhD	PA	*	88,680	74,610	49,030	108,500	56,850	to	107,750
25-1063	Economics Teachers, Postsecondary	PhD	PA	*	102,300	89,120	58,540	124,180	67,580	to	119,350

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MAY 2012

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25-1064	Geography Teachers, Postsecondary	PhD	PA	*	84,130	80,440	51,420	100,490	59,250	to	102,190
25-1065	Political Science Teachers, Postsecondary	PhD	PA	*	107,150	84,330	55,360	133,040	63,660	to	121,370
25-1066	Psychology Teachers, Postsecondary	PhD	PA	*	79,400	71,400	48,520	94,840	55,660	to	93,240
25-1067	Sociology Teachers, Postsecondary	PhD	PA	*	78,790	70,780	49,750	93,310	56,550	to	90,520
25-1069	Social Sciences Teachers, Postsecondary, Other	PhD	PA	*	75,690	74,700	49,540	88,770	55,100	to	91,480
25-1071	Health Specialties Teachers, Postsecondary	PhD	PA	*	100,020	76,290	47,130	126,470	55,200	to	129,520
25-1072	Nursing Instructors & Teachers, Postsecondary	MD	PA	*	75,500	68,400	47,600	89,450	54,350	to	85,080
25-1081	Education Teachers, Postsecondary	PhD	PA	*	73,320	65,480	46,040	86,960	51,230	to	89,230
25-1082	Library Science Teachers, Postsecondary	PhD	PA	*	72,360	69,130	49,990	83,540	56,250	to	83,490
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	PhD	PA	*	79,690	67,980	45,600	96,730	50,220	to	93,320
25-1112	Law Teachers, Postsecondary	PhD	PA	*	118,270	99,750	65,420	144,690	77,260	to	142,950
25-1113	Social Work Teachers, Postsecondary	PhD	PA	*	79,710	69,590	45,460	96,840	52,080	to	93,780
25-1121	Art, Drama & Music Teachers, Postsecondary	PhD	PA	*	68,100	63,080	45,280	79,500	49,320	to	82,160
25-1122	Communications Teachers, Postsecondary	PhD	PA	*	71,030	64,000	45,270	83,910	50,030	to	87,950
25-1123	English Language & Literature Teachers, Postsecondary	PhD	PA	*	73,490	66,610	47,130	86,670	52,560	to	86,880
25-1124	Foreign Language & Literature Teachers, Postsecondary	PhD	PA	*	71,790	66,190	47,980	83,690	52,890	to	87,090

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MAY 2012

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25-1125	History Teachers, Postsecondary	PhD	PA	*	80,820	73,240	49,890	96,290	57,240	to	92,070
25-1126	Philosophy & Religion Teachers, Postsecondary	PhD	PA	*	73,620	67,480	44,510	88,170	51,860	to	88,890
25-1191	Graduate Teaching Assistants	BD	PA	*	38,890	38,820	26,540	45,060	31,890	to	46,260
25-1192	Home Economics Teachers, Postsecondary	PhD	PA	*	73,400	77,960	39,800	90,190	48,100	to	95,370
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	MD	PA	*	68,040	62,240	42,500	80,810	47,510	to	85,700
25-1194	Vocational Education Teachers, Postsecondary	WK EXP	PA	25.69	53,440	49,510	33,240	63,540	38,890	to	63,930
25-1199	Postsecondary Teachers, Other	PhD	PA	*	88,220	68,090	37,800	113,430	48,370	to	108,000
25-2011	Preschool Teachers	AD	WIA	16.44	34,200	33,050	21,570	40,510	25,170	to	38,930
25-2012	Kindergarten Teachers	BD	CTY	*	62,590	65,720	51,090	68,340	58,100	to	71,280
25-2021	Elementary School Teachers	BD	WIA	*	61,420	62,930	48,050	68,110	52,470	to	71,270
25-2022	Middle School Teachers	BD	WIA	*	56,540	56,930	44,710	62,460	48,900	to	66,300
25-2023	Career/Technical Education Teachers, Middle School	BD+	PA	*	63,210	60,040	50,460	69,590	52,810	to	71,720
25-2031	Secondary School Teachers	BD	CTY	*	58,100	62,590	40,020	67,140	51,990	to	70,680
25-2032	Career/Technical Education Teachers, Secondary School	BD+	WIA	*	54,340	54,050	40,060	61,480	44,150	to	66,440
25-2051	Special Education Teachers, Preschool	BD	PA	*	46,540	44,530	36,790	51,410	39,470	to	53,220
25-2052	Special Education Teachers, Kindergarten & Elementary School	BD	WIA	*	63,160	63,250	50,480	69,500	53,780	to	71,630

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MAY 2012

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25-2053	Special Education Teachers, Middle School	BD	WIA	*	61,440	61,780	52,720	65,800	54,530	to	69,390
25-2054	Special Education Teachers, Secondary School	BD	CTY	*	57,010	56,860	49,220	60,910	50,750	to	64,550
25-2059	Special Education Teachers, Other	BD	PA	*	60,370	62,400	42,740	69,180	47,770	to	71,810
25-3011	Adult Basic & Secondary Education & Literacy Teachers & Instructors	BD	PA	22.10	45,960	43,180	28,190	54,840	30,630	to	57,820
25-3021	Self-Enrichment Education Teachers	WK EXP	PA	18.07	37,590	30,500	19,330	46,730	21,960	to	50,240
25-3098	Substitute Teachers	#	CTY	11.96	24,890	25,270	21,250	26,700	22,360	to	27,970
25-3099	Teachers & Instructors, Other	BD	PA	*	38,430	33,350	18,670	48,310	20,870	to	52,590
25-4011	Archivists	BD	PA	21.74	45,220	41,940	23,940	55,860	28,860	to	57,850
25-4012	Curators	MD	PA	26.13	54,340	54,850	26,540	68,250	30,040	to	71,820
25-4013	Museum Technicians & Conservators	BD	PA	19.95	41,490	38,070	26,630	48,910	29,150	to	48,290
25-4021	Librarians	MD	CTY	27.60	57,400	62,660	40,860	65,670	47,850	to	69,290
25-4031	Library Technicians	PS	WIA	11.89	24,730	23,860	16,890	28,660	18,560	to	29,540
25-9011	Audio-Visual & Multimedia Collections Specialists	BD+	PA	20.29	42,200	40,200	24,140	51,220	28,330	to	54,310
25-9021	Farm & Home Management Advisors	MD	PA	26.48	55,080	55,690	37,300	63,970	45,420	to	67,090
25-9031	Instructional Coordinators	MD+	PA	28.57	59,430	57,020	37,310	70,480	43,980	to	73,330
25-9041	Teacher Assistants	ST OJT	CTY	*	21,300	20,250	17,000	23,450	17,880	to	24,050

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25-9099	Education, Training & Library Workers, Other	BD	PA	21.35	44,420	41,170	21,900	55,680	24,710	to	51,820
27-0000	Arts, Design, Entertainment, Sports & Media Occupations	#	CTY	17.02	35,410	27,370	16,910	44,660	18,560	to	38,500
27-1011	Art Directors	BD+	PA	40.41	84,050	73,970	48,460	101,840	56,840	to	100,790
27-1012	Craft Artists	LT OJT	PA	12.78	26,590	20,050	17,090	31,340	17,810	to	30,140
27-1013	Fine Artists	LT OJT	PA	22.88	47,590	41,570	28,470	57,140	32,630	to	58,380
27-1014	Multimedia Artists & Animators	BD	PA	29.14	60,610	53,360	38,410	71,710	42,940	to	72,490
27-1019	Artists & Related Workers, Other	LT OJT	PA	29.91	62,210	61,250	33,980	76,320	41,490	to	83,190
27-1021	Commercial & Industrial Designers	BD	PA	29.42	61,190	59,370	39,700	71,930	46,080	to	77,840
27-1022	Fashion Designers	LT OJT	PA	29.27	60,890	50,110	36,400	73,140	40,190	to	69,670
27-1023	Floral Designers	ST OJT	WIA	11.43	23,770	22,740	21,940	24,690	21,220	to	24,300
27-1024	Graphic Designers	BD	WIA	12.75	26,510	23,630	17,280	31,130	18,570	to	33,720
27-1025	Interior Designers	BD	PA	22.14	46,040	43,590	26,910	55,610	31,920	to	57,890
27-1026	Merchandise Displayers & Window Trimmers	MT OJT	PA	14.11	29,350	26,060	19,380	34,330	21,150	to	34,230
27-1027	Set & Exhibit Designers	BD	PA	23.05	47,930	43,790	24,080	59,860	32,730	to	61,120
27-1029	Designers, Other	BD	PA	28.83	59,960	59,950	40,960	69,460	49,450	to	72,110
27-2011	Actors	PS	PA	16.16	#	#	#	#	#	to	#

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MAY 2012

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27-2012	Producers & Directors	BD+	PA	35.03	72,870	59,650	31,720	93,440	39,580	to	94,640
27-2021	Athletes & Sports Competitors	LT OJT	PA	*	80,870	45,400	20,750	110,920	25,600	to	85,830
27-2022	Coaches & Scouts	LT OJT	WIA	*	20,680	18,150	17,140	22,450	16,910	to	19,390
27-2023	Umpires, Referees & Other Sports Officials	LT OJT	PA	*	27,010	22,240	16,710	32,170	18,410	to	36,760
27-2031	Dancers	LT OJT	PA	16.54	#	#	#	#	#	to	#
27-2032	Choreographers	WK EXP	PA	16.48	34,290	32,190	24,840	39,010	27,080	to	38,090
27-2041	Music Directors & Composers	BD+	CTY	27.18	56,530	65,100	33,640	67,980	36,030	to	70,770
27-2042	Musicians & Singers	LT OJT	PA	35.12	#	#	#	#	#	to	#
27-2099	Entertainers & Performers, Sports & Related Workers, Other	ST OJT	PA	21.34	#	#	#	#	#	to	#
27-3011	Radio & Television Announcers	BD	PA	19.04	39,610	26,690	17,520	50,650	19,110	to	42,060
27-3021	Broadcast News Analysts	BD	PA	30.60	63,650	35,000	25,610	82,670	27,700	to	65,260
27-3022	Reporters & Correspondents	BD	WIA	10.91	22,680	20,950	17,010	25,520	18,560	to	23,510
27-3031	Public Relations Specialists	BD	WIA	28.88	60,070	53,920	35,850	72,190	40,060	to	81,990
27-3041	Editors	BD+	WIA	16.63	34,590	34,080	28,810	37,480	30,260	to	38,810
27-3042	Technical Writers	BD+	PA	32.55	67,700	67,530	46,070	78,510	53,090	to	82,180
27-3043	Writers & Authors	BD	PA	27.42	57,030	51,790	30,940	70,080	39,280	to	70,790

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27-3091	Interpreters & Translators	BD	PA	22.06	45,880	44,130	33,080	52,290	38,970	to	51,850
27-3099	Media & Communication Workers, Other	ST OJT	PA	20.97	43,610	40,850	27,230	51,800	30,360	to	52,340
27-4011	Audio & Video Equipment Technicians	PS	PA	20.34	42,310	39,450	24,940	51,000	29,240	to	51,940
27-4012	Broadcast Technicians	AD	PA	17.38	36,160	33,230	22,070	43,200	24,240	to	45,150
27-4014	Sound Engineering Technicians	PS	PA	23.10	48,050	42,340	23,860	60,140	28,180	to	63,190
27-4021	Photographers	LT OJT	PA	14.37	29,890	27,430	18,970	35,350	21,480	to	35,120
27-4031	Camera Operators: TV, Video & Motion Picture	BD	PA	23.80	49,510	37,270	26,710	60,910	29,690	to	59,710
27-4032	Film & Video Editors	BD+	PA	27.64	57,490	47,850	31,980	70,250	36,510	to	73,790
27-4099	Media & Communication Equipment Workers, Other	MT OJT	PA	30.29	63,010	59,630	29,560	79,740	38,790	to	77,170
29-0000	Healthcare Practitioners & Technical Occupations	#	CTY	27.96	58,160	47,310	32,820	70,820	37,360	to	69,480
29-1011	Chiropractors	PhD	PA	35.34	73,510	70,330	44,630	87,940	55,060	to	87,570
29-1021	Dentists, General	PhD	PA	75.95	157,970	146,680	85,850	194,030	106,870	to	#
29-1023	Orthodontists	PhD	PA	103.90	216,110	#	120,730	#	166,320	to	#
29-1029	Dentists, Other Specialists	PhD	PA	82.67	171,950	165,640	76,870	219,490	87,290	to	#
29-1031	Dietitians & Nutritionists	BD	WIA	16.70	34,740	23,650	17,110	43,550	18,140	to	53,870
29-1041	Optometrists	PhD	PA	49.30	102,550	99,910	60,470	123,590	74,900	to	119,540

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SOC Code	Occupational Title	Educ. Level	Area Type	Average Hourly Wage (\$)	Average Annual Wage (\$)	Median Annual Wage (\$)	Entry Annual Wage (\$)	Exper'd Annual Wage (\$)	Mid Range Annual Wage (\$		•
29-1051	Pharmacists	PhD	WIA	54.34	113,030	116,570	91,350	123,880	101,740	to	133,270
29-1061	Anesthesiologists	PhD	PA	119.79	249,160	#	220,740	#	#	to	#
29-1062	Family & General Practitioners	PhD	WIA	70.58	146,800	157,790	53,680	193,360	56,810	to	#
29-1064	Obstetricians & Gynecologists	PhD	PA	119.18	247,880	#	218,190	#	#	to	#
29-1065	Pediatricians, General	PhD	PA	76.92	159,990	147,100	113,970	183,010	127,480	to	182,020
29-1066	Psychiatrists	PhD	WIA	81.13	168,750	170,840	72,280	216,980	73,750	to	#
29-1069	Physicians & Surgeons, Other	PhD	WIA	109.66	228,090	#	#	#	179,510	to	#
29-1071	Physician Assistants	MD	WIA	41.32	85,940	85,280	76,660	90,570	78,350	to	93,250
29-1081	Podiatrists	PhD	PA	66.50	138,330	120,650	70,050	172,470	81,090	to	174,840
29-1122	Occupational Therapists	MD	CTY	33.16	68,960	57,950	53,730	76,580	52,920	to	89,020
29-1123	Physical Therapists	PhD	WIA	38.33	79,730	81,510	60,580	89,300	67,700	to	93,510
29-1124	Radiation Therapists	AD	PA	36.41	75,740	74,030	56,440	85,390	61,140	to	89,390
29-1125	Recreational Therapists	BD	PA	20.48	42,590	41,380	27,650	50,050	31,280	to	53,210
29-1126	Respiratory Therapists	AD	PA	26.95	56,050	56,050	45,280	61,430	48,690	to	64,740
29-1127	Speech-Language Pathologists	MD	WIA	32.39	67,360	65,490	51,760	75,170	56,820	to	73,640
29-1128	Exercise Physiologists	MD	PA	22.97	47,780	41,310	31,370	55,990	33,410	to	65,580

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MAY 2012

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29-1129	Therapists, Other	BD	PA	26.01	54,100	50,500	35,160	63,570	40,280	to	59,660
29-1131	Veterinarians	PhD	WIA	55.70	115,850	127,800	87,130	130,220	88,200	to	138,260
29-1141	Registered Nurses	TBD	CTY	22.07	45,900	44,540	38,530	49,580	40,500	to	48,580
29-1151	Nurse Anesthetists	TBD	PA	83.08	172,810	159,000	128,210	195,120	138,280	to	#
29-1161	Nurse Midwives	TBD	PA	39.77	82,720	83,630	60,120	94,020	71,320	to	93,410
29-1171	Nurse Practitioners	TBD	WIA	36.65	76,240	76,670	64,090	82,310	67,670	to	87,000
29-1181	Audiologists	PhD	PA	29.39	61,140	58,500	41,340	71,040	48,560	to	76,240
29-1199	Health Diagnosing & Treating Practitioners, Other	MD	PA	36.14	75,170	66,440	49,680	87,920	56,140	to	82,570
29-2011	Medical & Clinical Laboratory Technologists	BD	WIA	20.75	43,170	43,050	33,090	48,210	37,440	to	47,570
29-2012	Medical & Clinical Laboratory Technicians	AD	PA	18.20	37,860	35,930	27,160	43,210	29,730	to	44,650
29-2021	Dental Hygienists	AD	WIA	26.10	54,300	54,950	53,690	54,600	51,700	to	58,200
29-2031	Cardiovascular Technologists & Technicians	AD	PA	26.58	55,280	52,680	35,780	65,030	40,320	to	68,490
29-2032	Diagnostic Medical Sonographers	AD	PA	28.00	58,240	56,300	42,180	66,270	45,770	to	69,400
29-2033	Nuclear Medicine Technologists	AD	PA	30.61	63,660	63,890	48,590	71,200	53,020	to	73,430
29-2034	Radiologic Technologists	AD	WIA	23.05	47,940	46,600	35,100	54,360	37,260	to	55,740
29-2035	Magnetic Resonance Imaging Technologists	TBD	PA	27.52	57,230	57,190	45,340	63,180	49,580	to	66,850

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29-2041	Emergency Medical Technicians & Paramedics	PS	WIA	11.83	24,610	21,820	17,170	28,330	18,540	to	29,930
29-2051	Dietetic Technicians	MT OJT	PA	12.68	26,380	24,130	17,920	30,610	19,420	to	32,430
29-2052	Pharmacy Technicians	MT OJT	WIA	12.75	26,520	26,430	18,670	30,440	20,630	to	30,460
29-2053	Psychiatric Technicians	PS	PA	18.08	37,600	34,200	27,280	42,760	29,110	to	40,470
29-2054	Respiratory Therapy Technicians	AD	PA	22.60	47,010	47,200	34,510	53,250	39,540	to	56,150
29-2055	Surgical Technologists	PS	WIA	15.93	33,140	33,450	28,760	35,330	30,280	to	36,430
29-2056	Veterinary Technologists & Technicians	AD	PA	16.53	34,380	32,640	25,470	38,840	27,380	to	39,240
29-2057	Ophthalmic Medical Technicians	TBD	PA	15.86	32,990	32,670	25,570	36,700	27,560	to	37,020
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	WIA	16.00	33,270	33,550	25,260	37,270	28,000	to	38,350
29-2071	Medical Records & Health Information Technicians	PS	WIA	15.90	33,070	31,420	21,160	39,020	22,990	to	39,580
29-2081	Opticians, Dispensing	LT OJT	PA	17.00	35,370	33,950	24,500	40,800	27,190	to	42,080
29-2091	Orthotists & Prosthetists	MD	PA	33.33	69,320	57,430	37,580	85,190	43,600	to	83,190
29-2092	Hearing Aid Specialists	TBD	PA	31.93	66,410	68,340	46,540	76,340	54,320	to	81,070
29-2099	Health Technologists & Technicians, Other	PS	PA	21.37	44,460	42,110	30,000	51,690	32,990	to	53,700
29-9011	Occupational Health & Safety Specialists	BD	WIA	29.03	60,380	64,200	39,770	70,680	45,480	to	72,140
29-9012	Occupational Health & Safety Technicians	MT OJT	WIA	21.68	45,090	43,090	32,180	51,540	34,770	to	55,250

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29-9091	Athletic Trainers	BD	PA	*	43,180	39,280	30,500	49,530	33,190	to	51,530
29-9092	Genetic Counselors	TBD	PA	23.04	47,920	52,170	26,760	58,500	33,040	to	60,930
29-9099	Healthcare Practitioners & Technical Workers, Other	BD	WIA	27.90	58,030	56,780	37,840	68,130	42,300	to	73,190
31-0000	Healthcare Support Occupations	#	CTY	11.14	23,170	22,160	19,740	24,880	20,400	to	23,930
31-1011	Home Health Aides	ST OJT	CTY	10.16	21,130	21,610	19,620	21,880	20,200	to	23,010
31-1013	Psychiatric Aides	ST OJT	PA	15.66	32,570	31,350	25,310	36,190	26,850	to	37,280
31-1014	Nursing Assistants	TBD	WIA	11.80	24,550	24,620	19,430	27,110	20,950	to	28,150
31-1015	Orderlies	TBD	PA	13.85	28,810	29,570	20,690	32,870	22,920	to	34,680
31-2011	Occupational Therapy Assistants	AD	WIA	19.93	41,440	39,220	29,310	47,510	31,340	to	49,980
31-2012	Occupational Therapy Aides	ST OJT	PA	14.80	30,790	28,680	22,430	34,980	24,570	to	36,020
31-2021	Physical Therapist Assistants	AD	WIA	18.54	38,560	37,670	34,550	40,560	34,250	to	42,660
31-2022	Physical Therapist Aides	MT OJT	PA	12.97	26,980	26,390	19,230	30,860	21,420	to	30,590
31-9011	Massage Therapists	PS	WIA	24.84	51,660	46,970	33,200	60,900	37,660	to	68,150
31-9091	Dental Assistants	PS	WIA	15.40	32,040	29,250	27,610	34,260	26,910	to	38,800
31-9092	Medical Assistants	MT OJT	CTY	11.85	24,650	23,120	21,470	26,240	21,220	to	27,750
31-9093	Medical Equipment Preparers	MT OJT	PA	15.54	32,320	31,790	23,750	36,600	26,320	to	37,430

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31-9094	Medical Transcriptionists	PS	WIA	14.20	29,540	28,300	27,450	30,590	26,360	to	30,230
31-9095	Pharmacy Aides	ST OJT	WIA	10.96	22,790	22,520	21,360	23,510	20,970	to	24,080
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	ST OJT	PA	11.84	24,620	23,250	18,670	27,590	20,160	to	28,660
31-9097	Phlebotomists	TBD	PA	14.47	30,100	29,370	24,380	32,970	25,530	to	34,720
31-9099	Healthcare Support Workers, Other	ST OJT	PA	17.77	36,970	35,740	25,880	42,510	28,840	to	43,850
33-0000	Protective Service Occupations	#	CTY	17.59	36,580	29,340	16,540	46,600	17,610	to	41,880
33-1011	Supervisors - Correctional Officers	WK EXP	PA	31.69	65,920	65,620	52,050	72,860	57,940	to	73,680
33-1012	Supervisors - Police & Detectives	WK EXP	WIA	24.86	51,720	50,850	28,440	63,360	29,780	to	66,690
33-1021	Supervisors - Fire Fighting & Prevention	PS+	PA	33.29	69,240	69,820	50,200	78,760	60,080	to	83,110
33-1099	Supervisors - Protective Service Workers, Other	WK EXP	PA	23.26	48,380	47,930	31,400	56,870	35,770	to	58,350
33-2011	Firefighters	PS	PA	22.42	46,630	45,220	30,590	54,650	38,150	to	58,550
33-2021	Fire Inspectors & Investigators	WK EXP	PA	24.37	50,690	47,220	35,790	58,150	40,330	to	60,380
33-3011	Bailiffs	MT OJT	PA	11.45	23,810	22,050	16,720	27,360	17,970	to	28,220
33-3012	Correctional Officers & Jailers	MT OJT	WIA	14.27	29,680	28,920	23,970	32,530	25,130	to	34,240
33-3021	Detectives & Criminal Investigators	WK EXP	PA	38.10	79,250	72,470	54,940	91,410	61,610	to	93,880
33-3041	Parking Enforcement Workers	ST OJT	PA	13.91	28,940	27,560	19,760	33,530	21,820	to	34,780

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33-3051	Police & Sheriff's Patrol Officers	MT OJT	WIA	23.70	49,300	38,680	23,720	62,090	26,740	to	77,580
33-3052	Transit & Railroad Police	ST OJT	PA	32.08	66,730	67,370	52,240	73,970	56,870	to	75,900
33-9011	Animal Control Workers	MT OJT	PA	15.70	32,660	32,090	18,980	39,500	21,220	to	42,960
33-9021	Private Detectives & Investigators	PS+	PA	22.89	47,610	41,550	28,760	57,040	30,700	to	63,250
33-9031	Gaming Surveillance Officers & Gaming Investigators	ST OJT	PA	14.88	30,950	28,290	23,830	34,510	24,830	to	38,090
33-9032	Security Guards	ST OJT	CTY	10.10	21,000	18,380	16,700	23,150	16,840	to	25,980
33-9091	Crossing Guards	ST OJT	WIA	17.78	36,970	43,060	17,780	46,570	19,360	to	52,020
33-9092	Lifeguards, Ski Patrol & Other Recreational Protective Service	ST OJT	PA	8.79	18,270	18,010	16,680	19,070	16,640	to	19,410
33-9093	Transportation Security Screeners	MT OJT	PA	17.72	36,850	36,220	31,490	39,530	34,120	to	39,180
33-9099	Protective Service Workers, Other	ST OJT	PA	18.46	38,390	34,030	27,360	43,900	34,010	to	44,430
35-0000	Food Preparation & Serving Related Occupations	#	CTY	9.84	20,460	18,990	16,780	22,300	17,180	to	23,150
35-1011	Chefs & Head Cooks	WK EXP	WIA	15.65	32,550	27,940	25,620	36,010	25,600	to	30,270
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	CTY	18.94	39,390	39,470	30,810	43,680	33,560	to	45,970
35-2011	Cooks, Fast Food	ST OJT	WIA	8.11	16,860	17,570	16,850	16,860	16,500	to	18,630
35-2012	Cooks, Institution & Cafeteria	ST OJT	CTY	10.12	21,050	20,680	16,740	23,200	17,840	to	24,420
35-2013	Cooks, Private Household	PS	PA	16.83	35,010	34,760	34,070	35,470	32,590	to	36,930

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MAY 2012

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35-2014	Cooks, Restaurant	MT OJT	WIA	13.79	28,680	28,820	23,820	31,110	25,480	to	32,980
35-2015	Cooks, Short Order	ST OJT	WIA	9.15	19,040	18,640	16,870	20,120	17,040	to	21,420
35-2019	Cooks, Other	MT OJT	PA	13.17	27,400	26,920	23,310	29,440	24,300	to	29,660
35-2021	Food Preparation Workers	ST OJT	CTY	9.61	19,990	19,190	16,820	21,580	17,290	to	22,350
35-3011	Bartenders	ST OJT	WIA	9.77	20,320	18,270	16,580	22,190	16,720	to	22,400
35-3021	Combined Food Preparation & Serving Workers	ST OJT	CTY	9.39	19,530	18,910	16,950	20,820	17,190	to	21,580
35-3022	Counter Attendants, Cafeteria, Food Concession & Coffee Shop	ST OJT	WIA	8.13	16,910	17,580	16,840	16,940	16,500	to	18,650
35-3031	Waiters & Waitresses	ST OJT	WIA	9.60	19,960	19,610	16,830	21,520	17,540	to	22,480
35-3041	Food Servers, Nonrestaurant	ST OJT	WIA	8.89	18,480	18,250	16,600	19,420	16,740	to	20,270
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	ST OJT	WIA	8.78	18,260	18,050	16,760	19,010	16,710	to	19,390
35-9021	Dishwashers	ST OJT	WIA	8.39	17,460	17,710	16,750	17,820	16,530	to	18,880
35-9031	Hosts & Hostesses: Restaurant, Lounge & Coffee Shop	ST OJT	PA	10.54	21,930	19,510	16,710	24,540	17,380	to	26,340
35-9099	Food Preparation & Serving Related Workers, Other	ST OJT	PA	14.79	30,760	31,580	23,100	34,590	25,980	to	35,380
37-0000	Building & Grounds Cleaning & Maintenance Occupations	#	CTY	11.83	24,610	24,310	18,110	27,860	19,660	to	28,520
37-1011	Supervisors - Housekeeping & Janitorial Workers	WK EXP	WIA	17.03	35,430	34,140	20,960	42,670	25,680	to	48,420
37-1012	Supervisors - Landscaping & Groundskeeping Workers	WK EXP	WIA	24.13	50,190	44,990	41,220	54,670	40,610	to	63,110

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37-2011	Janitors & Cleaners	ST OJT	CTY	11.59	24,110	24,490	18,590	26,880	20,140	to	28,220
37-2012	Maids & Housekeeping Cleaners	ST OJT	WIA	8.87	18,450	18,190	16,600	19,380	16,700	to	20,430
37-2019	Building Cleaning Workers, Other	ST OJT	PA	12.53	26,050	25,010	19,540	29,310	21,060	to	31,740
37-2021	Pest Control Workers	MT OJT	PA	16.11	33,500	31,850	24,870	37,810	26,950	to	39,100
37-3011	Landscaping & Groundskeeping Workers	ST OJT	CTY	11.21	23,320	23,210	17,100	26,440	18,720	to	28,040
37-3012	Pesticide Handlers, Sprayers & Applicators, Vegetation	MT OJT	PA	18.04	37,530	36,970	28,680	41,960	30,850	to	44,040
37-3013	Tree Trimmers & Pruners	ST OJT	PA	18.18	37,820	37,390	28,710	42,380	31,280	to	44,500
37-3019	Grounds Maintenance Workers, Other	ST OJT	PA	22.48	46,760	50,060	33,820	53,230	38,800	to	57,110
39-0000	Personal Care & Service Occupations	#	CTY	9.22	19,190	17,700	16,640	20,460	16,460	to	18,940
39-1011	Gaming Supervisors	WK EXP	PA	26.53	55,190	55,570	44,040	60,760	48,840	to	64,360
39-1012	Slot Supervisors	WK EXP	PA	19.58	40,730	39,650	24,810	48,700	28,330	to	50,920
39-1021	Supervisors - Personal Service Workers	WK EXP	WIA	12.70	26,410	23,770	21,520	28,850	21,560	to	30,870
39-2011	Animal Trainers	MT OJT	PA	12.69	26,400	24,450	17,690	30,750	19,260	to	29,820
39-2021	Nonfarm Animal Caretakers	ST OJT	PA	9.61	19,980	18,680	16,740	21,610	17,000	to	22,170
39-3012	Gaming & Sports Book Writers & Runners	ST OJT	PA	12.02	25,010	23,220	18,440	28,290	20,020	to	29,430
39-3021	Motion Picture Projectionists	ST OJT	PA	10.23	21,280	19,990	16,770	23,530	17,570	to	23,820

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39-3031	Ushers, Lobby Attendants & Ticket Takers	ST OJT	PA	10.63	22,120	19,230	16,760	24,800	17,280	to	23,540
39-3091	Amusement & Recreation Attendants	ST OJT	PA	9.46	19,670	18,810	16,730	21,140	17,060	to	21,880
39-3092	Costume Attendants	ST OJT	PA	21.05	43,790	42,790	24,910	53,240	29,480	to	53,390
39-3093	Locker Room, Coatroom & Dressing Room Attendants	ST OJT	PA	10.36	21,560	19,710	16,680	24,000	17,420	to	24,500
39-4021	Funeral Attendants	ST OJT	PA	12.27	25,510	24,370	19,100	28,720	20,680	to	29,530
39-4031	Morticians, Undertakers & Funeral Directors	TBD	PA	23.79	49,490	45,940	34,100	57,190	38,180	to	56,930
39-5011	Barbers	PS	PA	12.01	24,980	22,490	19,190	27,870	20,270	to	26,340
39-5012	Hairdressers, Hairstylists & Cosmetologists	PS	PA	12.34	25,680	22,930	17,760	29,630	19,310	to	28,800
39-5091	Makeup Artists, Theatrical & Performance	PS	PA	26.76	55,660	40,870	22,130	72,430	23,320	to	76,380
39-5092	Manicurists & Pedicurists	PS	PA	9.16	19,040	18,380	16,850	20,140	16,900	to	20,490
39-5093	Shampooers	ST OJT	PA	8.37	17,400	17,650	16,660	17,770	16,450	to	18,840
39-5094	Skincare Specialists	PS	PA	12.04	25,040	22,710	18,030	28,550	19,590	to	28,470
39-6011	Baggage Porters & Bellhops	ST OJT	PA	10.03	20,870	18,930	16,790	22,900	17,150	to	23,100
39-6012	Concierges	MT OJT	PA	12.24	25,460	23,220	19,140	28,620	20,440	to	29,330
39-7011	Tour Guides & Escorts	MT OJT	PA	10.59	22,030	20,900	16,670	24,700	17,860	to	24,720
39-7012	Travel Guides	MT OJT	PA	19.58	40,730	40,160	28,620	46,790	30,180	to	51,390

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39-9011	Childcare Workers	ST OJT	WIA	8.92	18,560	18,080	16,620	19,530	16,640	to	20,060
39-9021	Personal Care Aides	ST OJT	WIA	9.28	19,300	18,690	16,660	20,630	16,970	to	22,090
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	PA	13.49	28,050	25,650	17,610	33,270	19,170	to	34,460
39-9032	Recreation Workers	BD	WIA	10.11	21,030	20,610	16,620	23,240	17,740	to	23,720
39-9041	Residential Advisors	PS	WIA	11.44	23,800	22,500	19,520	25,940	20,360	to	26,510
39-9099	Personal Care & Service Workers, Other	ST OJT	PA	12.27	25,520	22,110	17,490	29,540	19,090	to	31,620
41-0000	Sales & Related Occupations	#	CTY	12.45	25,890	19,170	17,000	30,330	17,390	to	24,240
41-1011	Supervisors - Retail Sales Workers	WK EXP	CTY	18.97	39,450	38,390	33,270	42,540	34,030	to	44,620
41-1012	Supervisors - Non-Retail Sales Workers	WK EXP	WIA	35.11	73,040	67,900	53,920	82,590	57,340	to	77,360
41-2011	Cashiers	ST OJT	CTY	8.67	18,040	18,230	17,020	18,550	16,930	to	19,560
41-2012	Gaming Change Persons & Booth Cashiers	ST OJT	PA	13.46	27,990	27,280	21,120	31,430	23,240	to	30,960
41-2021	Counter & Rental Clerks	ST OJT	WIA	13.09	27,220	25,980	17,060	32,310	18,240	to	36,110
41-2022	Parts Salespersons	MT OJT	WIA	13.61	28,300	27,900	21,080	31,910	22,900	to	33,190
41-2031	Retail Salespersons	ST OJT	CTY	9.59	19,940	19,130	16,730	21,540	17,240	to	22,200
41-3011	Advertising Sales Agents	MT OJT	WIA	14.66	30,500	29,120	24,360	33,580	25,440	to	36,000
41-3021	Insurance Sales Agents	MT OJT	WIA	29.21	60,760	53,880	31,940	75,160	35,160	to	87,360

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MAY 2012

SOC Code	Occupational Title	Educ. Level	Area Type	Average Hourly Wage (\$)	Average Annual Wage (\$)	Median Annual Wage (\$)	Entry Annual Wage (\$)	Exper'd Annual Wage (\$)	Mid Range Annual Wage (_
41-3031	Securities, Commodities & Financial Services Sales Agents	BD	PA	42.49	88,380	64,670	33,040	116,060	38,610	to	116,860
41-3041	Travel Agents	MT OJT	PA	18.95	39,410	36,420	25,660	46,290	28,910	to	46,990
41-3099	Sales Representatives, Other Services	ST OJT	WIA	21.15	43,990	41,700	27,960	52,010	31,420	to	56,060
41-4011	Sales Representatives, Technical & Scientific Products	BD	WIA	41.09	85,480	85,790	46,820	104,800	52,930	to	113,340
41-4012	Sales Representatives	MT OJT	CTY	30.77	64,000	60,560	42,050	74,980	48,320	to	70,030
41-9011	Demonstrators & Product Promoters	ST OJT	PA	15.59	32,440	30,790	20,810	38,250	22,860	to	37,410
41-9021	Real Estate Brokers	WK EXP	PA	64.37	133,890	114,730	60,670	170,500	72,360	to	176,720
41-9022	Real Estate Sales Agents	LT OJT	WIA	32.67	67,950	57,930	53,400	75,220	52,800	to	83,860
41-9031	Sales Engineers	BD	PA	43.29	90,040	82,900	59,180	105,480	66,600	to	106,480
41-9041	Telemarketers	ST OJT	WIA	12.91	26,850	27,520	20,930	29,810	24,590	to	30,460
41-9091	Door-to-Door Sales Workers, News & Street Vendors & Related Workers	ST OJT	PA	14.50	30,150	28,060	17,310	36,580	19,030	to	39,110
41-9099	Sales & Related Workers, Other	MT OJT	PA	13.60	28,300	23,140	17,700	33,590	19,310	to	30,010
43-0000	Office & Administrative Support Occupations	#	CTY	13.87	28,860	26,210	18,640	33,970	20,420	to	34,770
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	CTY	22.97	47,780	45,550	33,510	54,910	36,180	to	58,130
43-2011	Switchboard Operators	ST OJT	WIA	10.51	21,860	20,920	16,810	24,380	17,990	to	24,820
43-2021	Telephone Operators	ST OJT	PA	17.61	36,620	34,830	24,500	42,680	27,680	to	46,450

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43-2099	Communications Equipment Operators, Other	ST OJT	PA	22.06	45,880	45,900	37,500	50,080	38,500	to	50,460
43-3011	Bill & Account Collectors	MT OJT	WIA	14.23	29,600	29,160	25,530	31,630	26,590	to	32,280
43-3021	Billing & Posting Clerks	ST OJT	CTY	12.77	26,560	23,200	19,210	30,230	20,390	to	28,940
43-3031	Bookkeeping, Accounting & Auditing Clerks	MT OJT	CTY	13.00	27,040	25,850	17,860	31,640	19,440	to	32,720
43-3041	Gaming Cage Workers	ST OJT	PA	13.46	27,990	27,580	20,780	31,600	22,950	to	32,750
43-3051	Payroll & Timekeeping Clerks	MT OJT	CTY	13.37	27,820	26,600	21,900	30,780	22,510	to	32,520
43-3061	Procurement Clerks	MT OJT	WIA	20.35	42,320	44,330	28,170	49,400	30,200	to	51,970
43-3071	Tellers	ST OJT	WIA	11.16	23,210	22,830	18,600	25,520	20,010	to	26,570
43-3099	Financial Clerks, Other	TBD	PA	18.29	38,030	36,560	26,310	43,890	28,870	to	44,950
43-4011	Brokerage Clerks	MT OJT	PA	22.29	46,360	46,590	34,590	52,250	37,880	to	55,280
43-4021	Correspondence Clerks	ST OJT	PA	16.38	34,080	33,640	26,030	38,100	28,280	to	38,500
43-4031	Court, Municipal & License Clerks	MT OJT	WIA	13.71	28,510	28,310	19,900	32,820	22,490	to	33,900
43-4041	Credit Authorizers, Checkers & Clerks	ST OJT	WIA	15.87	33,000	29,470	23,120	37,940	24,270	to	39,770
43-4051	Customer Service Representatives	ST OJT	CTY	15.73	32,720	30,110	27,470	35,340	27,280	to	38,850
43-4061	Eligibility Interviewers, Government Programs	AD	WIA	23.17	48,190	47,240	40,380	52,100	43,170	to	53,950
43-4071	File Clerks	ST OJT	WIA	12.41	25,820	25,940	20,000	28,730	21,860	to	29,390

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MAY 2012

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43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	PA	10.53	21,890	21,250	16,880	24,400	18,250	to	24,920
43-4111	Interviewers	ST OJT	WIA	13.60	28,280	26,850	22,440	31,210	23,610	to	29,940
43-4121	Library Assistants, Clerical	ST OJT	CTY	9.79	20,370	20,590	16,740	22,180	18,130	to	22,830
43-4131	Loan Interviewers & Clerks	ST OJT	WIA	16.03	33,340	33,170	27,360	36,340	29,150	to	36,790
43-4141	New Accounts Clerks	ST OJT	WIA	14.71	30,590	30,330	27,470	32,150	27,470	to	34,140
43-4151	Order Clerks	ST OJT	WIA	13.20	27,450	27,390	21,420	30,460	23,020	to	31,520
43-4161	Human Resources Assistants	ST OJT	WIA	15.66	32,580	29,020	24,690	36,520	25,690	to	37,010
43-4171	Receptionists & Information Clerks	ST OJT	CTY	10.67	22,190	20,660	16,770	24,900	17,660	to	27,530
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	ST OJT	PA	15.51	32,270	30,260	21,240	37,780	23,310	to	41,860
43-4199	Information & Record Clerks, Other	ST OJT	WIA	16.95	35,250	31,310	27,900	38,930	28,930	to	40,710
43-5011	Cargo & Freight Agents	ST OJT	PA	19.98	41,570	41,680	27,370	48,660	32,360	to	48,420
43-5021	Couriers & Messengers	ST OJT	WIA	8.87	18,450	18,080	16,690	19,330	16,660	to	19,880
43-5031	Police, Fire & Ambulance Dispatchers	MT OJT	WIA	14.81	30,810	29,750	21,380	35,520	24,230	to	37,110
43-5032	Dispatchers	MT OJT	WIA	20.71	43,080	36,890	31,100	49,070	32,680	to	49,690
43-5041	Meter Readers, Utilities	ST OJT	WIA	22.59	46,990	47,600	32,260	54,350	35,630	to	57,360
43-5051	Postal Service Clerks	ST OJT	CTY	20.42	42,460	53,090	26,040	50,680	25,770	to	55,230

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MAY 2012

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43-5052	Postal Service Mail Carriers	ST OJT	CTY	21.45	44,610	46,080	34,130	49,850	40,460	to	51,600
43-5053	Postal Service Mail Sorters, Processors & Processing Machine Operators	ST OJT	CTY	10.55	21,950	19,670	19,660	23,100	19,660	to	21,960
43-5061	Production, Planning & Expediting Clerks	MT OJT	CTY	32.20	66,980	70,920	45,570	77,690	54,340	to	83,730
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	CTY	15.13	31,480	30,270	25,420	34,510	26,920	to	36,610
43-5081	Stock Clerks & Order Fillers	ST OJT	CTY	10.31	21,440	20,060	16,700	23,820	17,520	to	23,620
43-5111	Weighers, Measurers, Checkers & Samplers, Recordkeeping	ST OJT	WIA	14.22	29,580	28,340	23,940	32,410	25,350	to	33,810
43-6011	Executive Secretaries & Executive Administrative Assistants	WK EXP	CTY	17.43	36,260	34,900	26,580	41,100	30,490	to	38,830
43-6012	Legal Secretaries	MT OJT	PA	21.27	44,240	43,240	32,570	50,080	35,980	to	52,320
43-6013	Medical Secretaries	MT OJT	CTY	12.15	25,280	25,640	22,040	26,900	23,270	to	27,900
43-6014	Secretaries	ST OJT	CTY	14.09	29,300	28,310	20,050	33,930	22,410	to	35,880
43-9011	Computer Operators	MT OJT	WIA	13.41	27,880	27,000	22,720	30,470	23,860	to	31,300
43-9021	Data Entry Keyers	MT OJT	WIA	11.45	23,820	23,230	17,200	27,120	18,880	to	28,380
43-9022	Word Processors & Typists	ST OJT	WIA	15.85	32,980	33,030	25,710	36,610	28,760	to	37,340
43-9031	Desktop Publishers	AD	PA	19.52	40,600	37,440	27,230	47,280	31,150	to	47,260
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	PA	18.80	39,100	37,680	29,270	44,020	31,390	to	45,320
43-9051	Mail Clerks & Mail Machine Operators	ST OJT	WIA	9.70	20,180	17,740	16,640	21,940	16,500	to	18,990

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MAY 2012

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43-9061	Office Clerks, General	ST OJT	CTY	12.10	25,180	23,260	17,660	28,930	19,240	to	29,530
43-9071	Office Machine Operators	ST OJT	PA	14.31	29,760	28,020	20,410	34,440	22,910	to	35,700
43-9081	Proofreaders & Copy Markers	BD	PA	16.83	35,010	33,990	23,860	40,580	26,870	to	43,370
43-9111	Statistical Assistants	BD	PA	20.88	43,430	41,380	32,330	48,980	35,070	to	50,510
43-9199	Office & Administrative Support Workers, Other	ST OJT	PA	18.40	38,270	37,730	24,300	45,250	27,840	to	46,410
45-0000	Farming, Fishing & Forestry Occupations	#	WIA	16.89	35,130	34,120	21,540	41,920	26,010	to	42,900
45-1011	Farm & Forestry Worker Supervisors	WK EXP	PA	24.02	49,950	50,220	33,840	58,010	37,810	to	60,920
45-2011	Agricultural Inspectors	BD	PA	23.17	48,190	47,850	36,070	54,250	41,030	to	56,790
45-2021	Animal Breeders	WK EXP	PA	14.78	30,740	28,020	21,930	35,140	23,150	to	40,300
45-2041	Graders & Sorters, Agricultural Products	ST OJT	PA	11.67	24,270	23,640	16,720	28,050	18,450	to	29,420
45-2091	Agricultural Equipment Operators	ST OJT	PA	16.60	34,520	33,800	25,630	38,970	28,410	to	38,380
45-2092	Farmworkers & Laborers, Crop, Nursery & Greenhouse	ST OJT	PA	12.18	25,330	23,800	17,100	29,440	18,730	to	28,980
45-2093	Farmworkers, Farm, Ranch & Aquacultural Animals	ST OJT	WIA	13.57	28,220	31,620	17,200	33,730	18,780	to	35,680
45-2099	Agricultural Workers, Other	ST OJT	PA	17.04	35,440	36,780	21,170	42,580	23,350	to	45,410
45-4011	Forest & Conservation Workers	MT OJT	PA	22.44	46,670	45,520	38,730	50,640	40,670	to	54,030
45-4021	Fallers	MT OJT	PA	13.73	28,570	28,540	20,350	32,670	23,310	to	34,450

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45-4022	Logging Equipment Operators	MT OJT	WIA	17.56	36,540	34,800	21,660	43,970	27,000	to	51,000
45-4023	Log Graders & Scalers	MT OJT	PA	16.81	34,960	34,990	27,100	38,890	30,080	to	40,320
45-4029	Logging Workers, Other	MT OJT	PA	10.52	21,890	21,980	21,810	21,920	20,780	to	23,190
47-0000	Construction & Extraction Occupations	#	CTY	17.45	36,290	34,150	24,370	42,250	26,880	to	42,590
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	CTY	34.49	71,730	70,300	65,470	74,860	65,240	to	75,770
47-2011	Boilermakers	LT OJT	PA	26.19	54,480	53,980	38,740	62,350	43,850	to	65,250
47-2021	Brickmasons & Blockmasons	LT OJT	PA	24.05	50,030	46,800	36,360	56,860	40,380	to	59,670
47-2022	Stonemasons	LT OJT	PA	20.60	42,840	35,950	27,200	50,660	28,640	to	55,000
47-2031	Carpenters	LT OJT	CTY	13.85	28,800	26,280	21,440	32,480	21,910	to	35,450
47-2041	Carpet Installers	ST OJT	PA	20.04	41,680	37,910	27,630	48,710	31,410	to	50,090
47-2042	Floor Layers	MT OJT	PA	16.16	33,610	33,010	26,420	37,200	28,730	to	37,290
47-2043	Floor Sanders & Finishers	MT OJT	PA	16.57	34,470	33,990	26,690	38,370	28,970	to	38,850
47-2044	Tile & Marble Setters	LT OJT	PA	22.68	47,160	43,280	30,290	55,600	33,740	to	57,250
47-2051	Cement Masons & Concrete Finishers	MT OJT	WIA	11.76	24,460	21,720	18,170	27,600	19,560	to	24,000
47-2053	Terrazzo Workers & Finishers	LT OJT	PA	23.88	49,660	44,400	24,550	62,220	27,310	to	74,410
47-2061	Construction Laborers	ST OJT	CTY	13.18	27,410	28,200	19,540	31,350	22,180	to	33,490

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47-2071	Paving, Surfacing & Tamping Equipment Operators	MT OJT	PA	20.74	43,140	41,590	29,170	50,130	33,260	to	52,160
47-2072	Pile-Driver Operators	MT OJT	PA	29.52	61,400	59,930	48,400	67,910	50,940	to	70,740
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	CTY	16.02	33,310	34,180	26,400	36,760	27,950	to	39,620
47-2081	Drywall & Ceiling Tile Installers	MT OJT	PA	20.71	43,070	37,520	25,810	51,700	28,730	to	52,280
47-2082	Tapers	MT OJT	PA	23.75	49,410	49,830	34,700	56,770	38,090	to	57,170
47-2111	Electricians	LT OJT	WIA	21.89	45,520	44,070	37,120	49,730	39,110	to	50,400
47-2121	Glaziers	LT OJT	PA	19.46	40,480	38,570	27,260	47,090	31,140	to	45,900
47-2131	Insulation Workers, Floor, Ceiling & Wall	ST OJT	PA	20.04	41,680	35,040	28,830	48,100	31,550	to	39,360
47-2132	Insulation Workers, Mechanical	LT OJT	PA	30.32	63,060	65,170	45,240	71,970	53,820	to	72,890
47-2141	Painters, Construction & Maintenance	MT OJT	PA	20.04	41,690	38,220	27,760	48,650	30,750	to	49,230
47-2142	Paperhangers	MT OJT	PA	18.01	37,460	36,100	27,940	42,230	30,300	to	44,570
47-2151	Pipelayers	ST OJT	PA	22.53	46,870	45,480	33,230	53,690	37,090	to	57,210
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	WIA	20.26	42,140	42,580	35,870	45,280	38,790	to	46,370
47-2161	Plasterers & Stucco Masons	LT OJT	PA	22.19	46,160	46,920	34,700	51,890	37,080	to	54,430
47-2171	Reinforcing Iron & Rebar Workers	LT OJT	PA	30.95	64,370	66,440	48,070	72,520	54,310	to	73,580
47-2181	Roofers	MT OJT	PA	18.34	38,160	37,020	26,570	43,950	29,730	to	45,520

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47-2211	Sheet Metal Workers	LT OJT	PA	23.58	49,050	46,630	30,520	58,320	35,270	to	62,620
47-2221	Structural Iron & Steel Workers	LT OJT	PA	23.97	49,860	45,740	31,590	58,990	36,090	to	61,090
47-2231	Solar Photovoltaic Installers	TBD	PA	16.86	35,070	34,320	27,220	38,990	28,260	to	42,480
47-3011	HelpersBrick, Block & Stonemasons & Tile & Marble Setters	ST OJT	PA	15.53	32,300	30,610	23,490	36,710	25,680	to	37,580
47-3012	HelpersCarpenters	ST OJT	WIA	11.20	23,300	25,260	16,590	26,650	18,350	to	27,750
47-3013	HelpersElectricians	ST OJT	PA	13.25	27,560	26,980	20,520	31,080	22,680	to	31,370
47-3014	HelpersPainters, Paperhangers, Plasterers & Stucco Masons	ST OJT	PA	11.88	24,710	24,840	20,670	26,730	21,680	to	27,810
47-3015	HelpersPipelayers, Plumbers, Pipefitters & Steamfitters	ST OJT	PA	13.51	28,090	27,410	18,510	32,880	20,340	to	34,560
47-3016	HelpersRoofers	ST OJT	PA	12.59	26,180	25,220	18,620	29,960	20,440	to	31,320
47-3019	Helpers, Construction Trades, Other	ST OJT	PA	14.29	29,730	25,020	17,620	35,790	19,170	to	36,270
47-4011	Construction & Building Inspectors	WK EXP	WIA	17.76	36,940	31,600	26,920	41,950	27,180	to	43,330
47-4021	Elevator Installers & Repairers	LT OJT	PA	32.98	68,600	72,330	42,450	81,670	50,290	to	87,640
47-4031	Fence Erectors	MT OJT	PA	16.28	33,850	33,970	25,910	37,830	28,670	to	38,830
47-4041	Hazardous Materials Removal Workers	MT OJT	PA	19.69	40,960	37,350	29,120	46,870	31,280	to	48,490
47-4051	Highway Maintenance Workers	MT OJT	CTY	15.83	32,930	29,600	27,660	35,560	27,110	to	39,540
47-4061	Rail-Track Laying & Maintenance Equipment Operators	MT OJT	PA	21.06	43,810	43,290	31,970	49,730	34,650	to	53,180

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47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	MT OJT	WIA	15.32	31,870	30,820	23,940	35,840	25,190	to	38,640
47-4099	Construction & Related Workers, Other	MT OJT	PA	17.43	36,260	29,950	24,620	42,080	26,130	to	42,180
47-5011	Derrick Operators, Oil & Gas	ST OJT	PA	25.38	52,790	54,030	44,330	57,020	49,200	to	58,850
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	WIA	26.09	54,260	56,000	41,410	60,680	48,860	to	64,700
47-5013	Service Unit Operators, Oil, Gas & Mining	MT OJT	PA	23.60	49,090	38,110	29,680	58,800	31,830	to	59,920
47-5021	Earth Drillers	MT OJT	PA	21.14	43,960	37,840	29,400	51,240	31,290	to	46,600
47-5031	Explosives Workers, Ordnance Handling Experts & Blasters	MT OJT	PA	22.23	46,240	44,050	38,790	49,960	40,000	to	48,980
47-5041	Continuous Mining Machine Operators	MT OJT	PA	23.61	49,110	50,330	36,590	55,370	42,670	to	57,630
47-5042	Mine Cutting & Channeling Machine Operators	MT OJT	PA	22.54	46,880	49,390	30,440	55,100	33,770	to	55,560
47-5049	Mining Machine Operators, Other	MT OJT	PA	18.87	39,250	35,590	28,970	44,390	30,460	to	50,970
47-5051	Rock Splitters, Quarry	MT OJT	CTY	16.26	33,820	34,410	31,990	34,740	32,100	to	36,710
47-5061	Roof Bolters, Mining	MT OJT	PA	25.86	53,800	54,070	49,230	56,080	49,900	to	58,240
47-5071	Roustabouts, Oil & Gas	MT OJT	PA	18.01	37,470	34,390	25,270	43,570	27,890	to	44,910
47-5081	HelpersExtraction Workers	ST OJT	PA	14.94	31,070	28,610	24,630	34,280	25,850	to	33,490
47-5099	Extraction Workers, Other	MT OJT	PA	22.20	46,170	46,940	32,770	52,860	37,780	to	55,560
49-0000	Installation, Maintenance & Repair Occupations	#	CTY	17.55	36,510	35,280	21,730	43,900	23,930	to	45,850

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MAY 2012

SOC Code	Occupational Title	Educ. Level	Area Type	Average Hourly Wage (\$)	Average Annual Wage (\$)	Median Annual Wage (\$)	Entry Annual Wage (\$)	Exper'd Annual Wage (\$)	Mid Range Annual Wage (_
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	WIA	31.14	64,780	63,080	49,580	72,380	53,470	to	73,100
49-2011	Computer, Automated Teller & Office Machine Repairers	PS	PA	18.92	39,350	37,940	27,850	45,100	31,300	to	46,920
49-2021	Radio, Cellular & Tower Equipment Installers & Repairers	AD	PA	22.34	46,460	43,680	33,670	52,850	35,880	to	56,490
49-2022	Telecommunications Equipment Installers & Repairers	PS	WIA	18.49	38,460	36,260	26,200	44,580	28,060	to	44,730
49-2091	Avionics Technicians	PS	PA	30.35	63,130	59,390	45,310	72,040	50,050	to	80,250
49-2092	Electric Motor, Power Tool & Related Repairers	PS	PA	18.16	37,780	36,680	27,400	42,970	30,440	to	44,690
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment	PS	PA	21.29	44,290	39,270	33,090	49,890	34,890	to	46,710
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	PS	PA	23.18	48,220	49,090	38,220	53,220	42,550	to	54,040
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation & Relay	PS	WIA	27.05	56,270	56,460	47,800	60,500	50,430	to	63,640
49-2096	Electronic Equipment Installers & Repairers, Motor Vehicles	PS	PA	13.55	28,180	26,950	20,670	31,930	22,430	to	32,900
49-2097	Electronic Home Entertainment Equipment Installers & Repairers	PS	PA	17.78	36,990	39,090	25,200	42,880	28,280	to	45,000
49-2098	Security & Fire Alarm Systems Installers	MT OJT	PA	22.75	47,310	46,330	31,620	55,160	36,530	to	58,260
49-3011	Aircraft Mechanics & Service Technicians	PS	PA	24.43	50,820	52,760	34,250	59,100	42,550	to	59,050
49-3021	Automotive Body & Related Repairers	MT OJT	WIA	16.65	34,640	34,970	27,360	38,280	30,620	to	40,460
49-3022	Automotive Glass Installers & Repairers	MT OJT	PA	14.32	29,780	28,970	22,010	33,660	23,340	to	35,220
49-3023	Automotive Service Technicians & Mechanics	LT OJT	WIA	15.06	31,320	29,150	22,300	35,830	24,170	to	37,140

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MAY 2012

SOC Code	Occupational Title	Educ. Level	Area Type	Average Hourly Wage (\$)	Average Annual Wage (\$)	Median Annual Wage (\$)	Entry Annual Wage (\$)	Exper'd Annual Wage (\$)	Mid Range Annual Wage (\$		•
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	CTY	18.78	39,060	38,120	34,750	41,210	34,990	to	43,220
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	WIA	13.89	28,900	28,500	27,840	29,430	26,650	to	30,350
49-3042	Mobile Heavy Equipment Mechanics	LT OJT	WIA	16.67	34,680	33,860	30,010	37,010	31,040	to	36,690
49-3043	Rail Car Repairers	LT OJT	PA	22.52	46,840	45,090	34,790	52,860	39,070	to	56,670
49-3051	Motorboat Mechanics & Service Technicians	LT OJT	PA	15.20	31,620	31,130	21,650	36,600	23,030	to	38,540
49-3052	Motorcycle Mechanics	LT OJT	PA	16.40	34,110	34,010	24,050	39,140	26,900	to	41,280
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	MT OJT	PA	14.90	30,990	28,330	20,310	36,330	22,240	to	36,670
49-3091	Bicycle Repairers	MT OJT	PA	11.73	24,390	25,320	17,920	27,630	19,470	to	28,810
49-3092	Recreational Vehicle Service Technicians	LT OJT	PA	17.09	35,540	35,130	26,560	40,030	29,490	to	40,840
49-3093	Tire Repairers & Changers	MT OJT	WIA	12.94	26,910	27,400	24,740	28,000	25,430	to	29,370
49-9011	Mechanical Door Repairers	MT OJT	PA	16.38	34,060	34,100	22,730	39,730	25,920	to	39,780
49-9012	Control & Valve Installers & Repairers	MT OJT	PA	25.77	53,600	53,570	37,490	61,650	42,830	to	65,310
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS	WIA	21.39	44,500	44,570	36,800	48,340	39,950	to	50,610
49-9031	Home Appliance Repairers	MT OJT	PA	17.39	36,160	35,410	22,520	42,990	27,310	to	44,010
49-9041	Industrial Machinery Mechanics	LT OJT	CTY	13.15	27,360	22,760	21,820	30,120	21,170	to	24,540
49-9043	Maintenance Workers, Machinery	MT OJT	WIA	15.26	31,740	29,850	26,120	34,560	26,680	to	36,220

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MAY 2012

SOC Code	Occupational Title	Educ. Level	Area Type	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	PA	25.80	53,660	54,100	38,080	61,460	42,770	to	65,880
49-9045	Refractory Materials Repairers	PS	PA	18.74	38,980	37,000	32,230	42,360	33,030	to	43,870
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	WIA	28.91	60,130	59,760	51,010	64,680	52,910	to	68,550
49-9052	Telecommunications Line Installers & Repairers	LT OJT	PA	26.76	55,670	61,250	34,440	66,280	39,920	to	70,490
49-9061	Camera & Photographic Equipment Repairers	AD	PA	20.31	42,240	35,930	30,350	48,180	31,890	to	44,540
49-9062	Medical Equipment Repairers	AD	PA	22.00	45,760	44,170	29,880	53,690	33,790	to	55,580
49-9063	Musical Instrument Repairers & Tuners	PS	PA	17.13	35,630	35,650	24,980	40,960	27,980	to	42,640
49-9064	Watch Repairers	LT OJT	PA	17.03	35,410	31,930	17,030	44,600	18,760	to	50,820
49-9069	Precision Instrument & Equipment Repairers, Other	AD	PA	23.62	49,120	48,840	38,730	54,320	42,110	to	54,880
49-9071	Maintenance & Repair Workers, General	MT OJT	CTY	15.74	32,750	32,760	20,520	38,860	22,810	to	41,820
49-9091	Coin, Vending & Amusement Machine Servicers & Repairers	ST OJT	PA	14.61	30,380	30,040	20,490	35,320	23,170	to	36,670
49-9094	Locksmiths & Safe Repairers	LT OJT	PA	18.15	37,760	36,630	23,580	44,840	25,400	to	49,170
49-9095	Manufactured Building & Mobile Home Installers	MT OJT	PA	14.88	30,960	30,220	19,650	36,610	22,160	to	37,350
49-9096	Riggers	ST OJT	PA	27.23	56,640	53,890	36,280	66,820	43,210	to	77,730
49-9097	Signal & Track Switch Repairers	PS	PA	17.59	36,590	34,510	29,700	40,030	31,300	to	37,710
49-9098	HelpersInstallation, Maintenance & Repair Workers	MT OJT	WIA	14.69	30,560	30,980	20,430	35,630	24,100	to	37,850

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MAY 2012

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49-9099	Installation, Maintenance & Repair Workers, Other	MT OJT	PA	18.82	39,140	38,180	23,570	46,920	27,640	to	51,190
51-0000	Production Occupations	#	CTY	17.19	35,760	32,460	19,630	43,830	22,360	to	44,330
51-1011	Supervisors - Production & Operating Workers	PS	CTY	28.46	59,190	53,340	34,670	71,460	41,160	to	81,640
51-2011	Aircraft Structure, Surfaces, Rigging & Systems Assemblers	MT OJT	PA	23.74	49,370	46,170	34,130	56,990	38,570	to	64,780
51-2021	Coil Winders, Tapers & Finishers	ST OJT	PA	15.71	32,670	29,860	20,660	38,680	23,470	to	37,890
51-2022	Electrical & Electronic Equipment Assemblers	ST OJT	WIA	10.19	21,190	21,310	18,650	22,450	19,660	to	22,950
51-2023	Electromechanical Equipment Assemblers	ST OJT	PA	16.08	33,450	31,860	24,590	37,890	26,530	to	39,350
51-2031	Engine & Other Machine Assemblers	ST OJT	PA	15.71	32,670	32,680	23,400	37,300	24,950	to	37,820
51-2041	Structural Metal Fabricators & Fitters	MT OJT	PA	19.32	40,180	39,450	30,640	44,950	33,280	to	46,150
51-2091	Fiberglass Laminators & Fabricators	MT OJT	PA	14.96	31,110	29,890	24,640	34,350	25,750	to	35,810
51-2092	Team Assemblers	MT OJT	WIA	13.19	27,440	26,390	19,770	31,280	21,660	to	31,990
51-2099	Assemblers & Fabricators, Other	MT OJT	WIA	13.22	27,490	27,160	22,680	29,900	23,900	to	30,540
51-3011	Bakers	LT OJT	CTY	12.12	25,210	25,140	19,790	27,920	21,350	to	29,140
51-3021	Butchers & Meat Cutters	LT OJT	CTY	16.38	34,070	34,100	24,770	38,730	27,020	to	40,180
51-3022	Meat, Poultry & Fish Cutters & Trimmers	ST OJT	PA	12.99	27,010	25,360	19,510	30,770	21,160	to	32,870
51-3023	Slaughterers & Meat Packers	MT OJT	PA	13.02	27,080	25,840	20,020	30,610	21,680	to	31,720

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MAY 2012

SOC Code	Occupational Title	Educ. Level	Area Type	Average Hourly Wage (\$)	Average Annual Wage (\$)	Median Annual Wage (\$)	Entry Annual Wage (\$)	Exper'd Annual Wage (\$)	Mid Range Annual Wage (_
51-3091	Food & Tobacco Roasting, Baking & Drying Machine Operators & Tenders	MT OJT	PA	15.36	31,950	32,000	20,850	37,500	22,900	to	40,380
51-3092	Food Batchmakers	ST OJT	WIA	10.68	22,220	19,890	17,040	24,800	17,720	to	25,460
51-3093	Food Cooking Machine Operators & Tenders	ST OJT	PA	14.47	30,100	28,230	19,040	35,630	21,480	to	37,410
51-3099	Food Processing Workers, Other	ST OJT	PA	11.17	23,230	22,800	18,510	25,590	19,980	to	26,730
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	WIA	13.21	27,480	27,710	25,500	28,480	25,710	to	29,710
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal & Plastic	MT OJT	PA	22.66	47,130	44,260	33,270	54,060	36,570	to	55,490
51-4021	Extruding & Drawing Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	WIA	15.66	32,560	34,220	20,240	38,730	22,940	to	41,760
51-4022	Forging Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	PA	18.92	39,340	40,200	29,390	44,320	32,780	to	45,930
51-4023	Rolling Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	WIA	16.85	35,040	35,050	26,980	39,070	28,600	to	41,230
51-4031	Cutting, Punching & Press Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	WIA	13.44	27,960	27,600	18,280	32,800	19,890	to	35,220
51-4032	Drilling & Boring Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	PA	16.99	35,340	34,040	24,780	40,620	28,230	to	39,890
51-4033	Grinding, Lapping, Polishing & Buffing Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	WIA	18.20	37,860	38,630	31,700	40,940	33,560	to	43,400
51-4034	Lathe & Turning Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	PA	17.20	35,770	35,480	24,270	41,530	28,470	to	43,260
51-4035	Milling & Planing Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	PA	18.03	37,500	38,770	25,680	43,410	30,260	to	45,200
51-4041	Machinists	LT OJT	WIA	17.82	37,070	35,020	27,790	41,710	29,720	to	42,280
51-4051	Metal-Refining Furnace Operators & Tenders	MT OJT	WIA	17.48	36,360	36,050	32,680	38,190	33,150	to	38,940

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51-4052	Pourers & Casters, Metal	MT OJT	PA	16.74	34,810	34,250	26,010	39,210	28,270	to	40,560
51-4061	Model Makers, Metal & Plastic	LT OJT	PA	21.19	44,070	43,000	31,600	50,300	34,920	to	51,940
51-4062	Patternmakers, Metal & Plastic	LT OJT	WIA	20.40	42,420	43,180	37,440	44,920	39,990	to	46,380
51-4071	Foundry Mold & Coremakers	MT OJT	WIA	14.46	30,070	29,270	21,890	34,170	24,220	to	36,090
51-4072	Molding, Coremaking & Casting Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	PA	15.46	32,150	31,700	22,640	36,910	25,120	to	38,450
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	WIA	17.85	37,140	36,770	27,290	42,060	30,060	to	43,920
51-4111	Tool & Die Makers	LT OJT	WIA	18.62	38,730	39,760	32,680	41,750	34,410	to	44,000
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	WIA	20.05	41,700	41,660	28,640	48,230	31,420	to	51,780
51-4122	Welding, Soldering & Brazing Machine Setters, Operators & Tenders	MT OJT	WIA	15.54	32,330	30,180	27,700	34,650	27,420	to	36,910
51-4191	Heat Treating Equipment Setters, Operators & Tenders, Metal & Plastic	MT OJT	WIA	18.33	38,130	41,460	27,460	43,460	33,560	to	45,190
51-4192	Layout Workers, Metal & Plastic	MT OJT	PA	20.04	41,670	41,790	32,110	46,460	35,680	to	47,080
51-4193	Plating & Coating Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	PA	17.41	36,210	34,210	24,510	42,070	27,120	to	43,090
51-4194	Tool Grinders, Filers & Sharpeners	MT OJT	WIA	14.93	31,060	29,710	27,850	32,670	27,250	to	34,040
51-4199	Metal Workers & Plastic Workers, Other	MT OJT	PA	18.07	37,590	35,040	22,450	45,170	26,660	to	50,510
51-5111	Prepress Technician & Workers	PS	WIA	16.91	35,180	33,720	20,330	42,600	22,480	to	44,420
51-5112	Printing Press Operators	MT OJT	WIA	15.82	32,910	30,650	22,850	37,940	25,210	to	37,860

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51-5113	Print Binding & Finishing Workers	ST OJT	WIA	12.09	25,160	23,410	16,690	29,390	18,140	to	31,850
51-6011	Laundry & Dry-Cleaning Workers	ST OJT	WIA	10.21	21,250	20,230	16,850	23,450	17,620	to	25,700
51-6021	Pressers: Textile, Garment & Related Materials	ST OJT	PA	10.83	22,530	21,730	17,100	25,240	18,780	to	25,130
51-6031	Sewing Machine Operators	ST OJT	CTY	9.61	19,990	18,350	16,780	21,590	16,880	to	21,050
51-6041	Shoe & Leather Workers & Repairers	MT OJT	PA	13.01	27,050	26,960	16,980	32,090	18,680	to	32,710
51-6042	Shoe Machine Operators & Tenders	ST OJT	PA	11.71	24,360	24,920	19,390	26,840	20,930	to	28,310
51-6051	Sewers, Hand	MT OJT	PA	10.24	21,300	21,290	18,780	22,560	19,670	to	22,910
51-6052	Tailors, Dressmakers & Custom Sewers	MT OJT	PA	17.89	37,210	29,850	20,220	45,710	22,280	to	40,200
51-6061	Textile Bleaching & Dyeing Machine Operators & Tenders	ST OJT	PA	12.32	25,620	23,940	18,360	29,240	19,850	to	30,250
51-6062	Textile Cutting Machine Setters, Operators & Tenders	MT OJT	PA	13.66	28,420	26,550	20,650	32,310	22,570	to	30,970
51-6063	Textile Knitting & Weaving Machine Setters, Operators & Tenders	MT OJT	PA	14.45	30,050	29,190	22,590	33,780	24,590	to	35,180
51-6064	Textile Winding, Twisting & Drawing Out Machine Setters, Operators & Tenders	MT OJT	PA	13.49	28,060	27,500	20,470	31,860	23,070	to	31,510
51-6091	Extruding & Forming Machine Setters, Operators & Tenders, Synthetic & Glass Fibers	MT OJT	PA	15.03	31,250	29,650	21,500	36,130	22,740	to	40,130
51-6092	Fabric & Apparel Patternmakers	MT OJT	PA	20.56	42,760	43,860	31,390	48,440	37,020	to	50,430
51-6093	Upholsterers	MT OJT	PA	16.12	33,530	30,230	20,940	39,820	22,990	to	43,740
51-6099	Textile, Apparel & Furnishings Workers, Other	ST OJT	PA	21.64	45,020	50,670	28,310	53,370	41,730	to	55,320

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51-7011	Cabinetmakers & Bench Carpenters	MT OJT	PA	16.84	35,020	34,130	25,330	39,870	28,570	to	39,800
51-7021	Furniture Finishers	ST OJT	PA	15.79	32,850	32,110	25,260	36,650	27,280	to	37,390
51-7031	Model Makers, Wood	MT OJT	PA	17.17	35,700	34,720	29,430	38,840	31,820	to	37,620
51-7032	Patternmakers, Wood	MT OJT	PA	18.73	38,960	36,150	27,450	44,710	31,280	to	49,780
51-7041	Sawing Machine Setters, Operators & Tenders, Wood	ST OJT	WIA	15.04	31,280	32,530	24,200	34,820	26,800	to	36,040
51-7042	Woodworking Machine Setters, Operators & Tenders	ST OJT	PA	14.62	30,400	29,350	21,540	34,840	23,580	to	35,840
51-7099	Woodworkers, Other	MT OJT	PA	20.61	42,860	44,820	33,180	47,700	39,150	to	47,300
51-8011	Nuclear Power Reactor Operators	LT OJT	PA	35.57	73,980	75,800	60,020	80,960	63,570	to	86,070
51-8012	Power Distributors & Dispatchers	LT OJT	PA	36.79	76,520	71,580	52,890	88,330	59,420	to	88,620
51-8013	Power Plant Operators	LT OJT	PA	29.89	62,170	63,000	50,280	68,110	54,240	to	71,300
51-8021	Stationary Engineers & Boiler Operators	LT OJT	PA	21.79	45,330	44,430	37,000	49,490	39,650	to	51,450
51-8031	Water & Wastewater Treatment Plant & System Operators	LT OJT	CTY	21.98	45,730	44,570	41,940	47,620	41,150	to	50,260
51-8091	Chemical Plant & System Operators	LT OJT	PA	22.30	46,390	45,470	31,380	53,900	36,960	to	54,970
51-8092	Gas Plant Operators	LT OJT	PA	24.98	51,960	51,830	39,380	58,250	43,510	to	59,320
51-8093	Petroleum Pump System Operators, Refinery Operators & Gaugers	LT OJT	PA	27.35	56,900	57,080	42,040	64,320	45,580	to	68,050
51-8099	Plant & System Operators, Other	LT OJT	PA	23.90	49,700	51,040	36,950	56,080	41,520	to	57,590

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MAY 2012

SOC Code	Occupational Title	Educ. Level	Area Type	Average Hourly Wage (\$)	Average Annual Wage (\$)	Median Annual Wage (\$)	Entry Annual Wage (\$)	Exper'd Annual Wage (\$)	Mid Range Annual Wage (_
51-9011	Chemical Equipment Operators & Tenders	MT OJT	PA	20.69	43,030	41,410	28,780	50,150	32,530	to	50,490
51-9012	Separating, Filtering, Clarifying, Precipitating & Still Machine Setters, Operators & Tenders	MT OJT	PA	19.63	40,830	40,300	29,910	46,300	33,670	to	47,560
51-9021	Crushing, Grinding & Polishing Machine Setters, Operators & Tenders	MT OJT	WIA	17.62	36,650	36,750	29,990	39,980	31,570	to	42,680
51-9022	Grinding & Polishing Workers, Hand	MT OJT	PA	14.27	29,680	28,780	22,280	33,380	24,000	to	34,700
51-9023	Mixing & Blending Machine Setters, Operators & Tenders	MT OJT	PA	18.88	39,260	38,120	27,490	45,150	31,180	to	47,100
51-9031	Cutters & Trimmers, Hand	ST OJT	PA	13.22	27,510	26,020	20,490	31,010	21,990	to	30,880
51-9032	Cutting & Slicing Machine Setters, Operators & Tenders	ST OJT	PA	16.09	33,470	33,490	25,450	37,490	28,020	to	38,360
51-9041	Extruding, Forming, Pressing & Compacting Machine Setters, Operators & Tenders	MT OJT	PA	18.29	38,040	36,350	26,490	43,820	29,500	to	45,640
51-9051	Furnace, Kiln, Oven, Drier & Kettle Operators & Tenders	MT OJT	WIA	14.67	30,520	30,310	23,950	33,810	25,380	to	34,820
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	CTY	15.19	31,590	30,480	27,450	33,650	27,410	to	34,950
51-9071	Jewelers & Precious Stone & Metal Workers	LT OJT	PA	21.79	45,320	45,770	30,310	52,820	35,980	to	54,910
51-9081	Dental Laboratory Technicians	MT OJT	PA	18.14	37,720	36,520	24,900	44,130	28,420	to	45,300
51-9082	Medical Appliance Technicians	LT OJT	PA	17.75	36,920	35,170	24,980	42,880	28,030	to	43,850
51-9083	Ophthalmic Laboratory Technicians	MT OJT	PA	14.14	29,410	28,850	22,140	33,050	24,400	to	34,600
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	PA	15.11	31,430	31,540	21,060	36,610	23,390	to	38,130
51-9121	Coating, Painting & Spraying Machine Setters, Operators & Tenders	MT OJT	PA	15.51	32,260	32,060	23,630	36,570	25,720	to	37,260

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MAY 2012

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51-9122	Painters, Transportation Equipment	MT OJT	PA	21.44	44,600	43,060	31,360	51,230	35,030	to	53,200
51-9123	Painting, Coating & Decorating Workers	MT OJT	PA	14.73	30,630	29,720	21,600	35,150	24,090	to	36,550
51-9141	Semiconductor Processors	AD	PA	17.26	35,890	35,520	25,800	40,940	27,550	to	43,910
51-9151	Photographic Process Workers & Processing Machine Operators	ST OJT	PA	11.30	23,500	21,490	16,840	26,830	18,010	to	27,430
51-9191	Adhesive Bonding Machine Operators & Tenders	MT OJT	PA	14.38	29,900	28,090	19,450	35,130	21,990	to	35,370
51-9192	Cleaning, Washing & Metal Pickling Equipment Operators & Tenders	MT OJT	PA	14.85	30,890	29,490	23,230	34,720	24,780	to	36,790
51-9193	Cooling & Freezing Equipment Operators & Tenders	MT OJT	PA	14.94	31,070	29,490	19,960	36,620	21,970	to	40,270
51-9194	Etchers & Engravers	MT OJT	PA	15.38	32,000	30,150	22,680	36,660	24,360	to	38,090
51-9195	Molders, Shapers & Casters, Except Metal & Plastic	LT OJT	PA	13.99	29,090	28,170	20,560	33,360	22,800	to	34,490
51-9196	Paper Goods Machine Setters, Operators & Tenders	MT OJT	PA	19.74	41,060	40,240	28,820	47,180	32,090	to	51,070
51-9197	Tire Builders	MT OJT	PA	14.18	29,490	28,330	23,010	32,730	24,230	to	34,230
51-9198	HelpersProduction Workers	ST OJT	CTY	10.58	22,000	21,330	17,100	24,450	18,810	to	23,500
51-9199	Production Workers, Other	MT OJT	PA	13.67	28,440	24,760	18,570	33,370	20,300	to	33,660
53-0000	Transportation & Material Moving Occupations	#	CTY	15.40	32,020	31,310	19,940	38,060	22,440	to	38,640
53-1011	Aircraft Cargo Handling Supervisors	WK EXP	PA	20.96	43,600	41,230	32,620	49,090	34,290	to	53,950
53-1021	Supervisors - Helpers, Laborers & Material Movers	WK EXP	WIA	23.10	48,040	51,750	35,390	54,370	45,120	to	56,420

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MAY 2012

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53-1031	Supervisors - Transportation & Vehicle Operators	WK EXP	WIA	21.09	43,870	44,310	30,410	50,600	32,820	to	54,390
53-2012	Commercial Pilots	LT OJT	PA	*	79,730	73,860	41,550	98,830	50,490	to	95,140
53-2021	Air Traffic Controllers	AD	PA	55.47	115,370	126,050	69,500	138,310	82,050	to	147,470
53-3011	Ambulance Drivers & Attendants	MT OJT	PA	11.48	23,880	23,710	18,650	26,500	20,090	to	27,670
53-3021	Bus Drivers, Transit & Intercity	MT OJT	PA	16.97	35,290	33,790	22,690	41,590	25,340	to	45,550
53-3022	Bus Drivers, School or Special Client	MT OJT	CTY	13.89	28,890	31,240	17,920	34,370	19,450	to	36,070
53-3031	Driver/Sales Workers	ST OJT	WIA	15.25	31,710	31,680	19,350	37,890	21,570	to	40,830
53-3032	Heavy & Tractor-Trailer Truck Drivers	WK EXP	CTY	17.24	35,850	40,340	22,590	42,480	26,800	to	44,870
53-3033	Light Truck or Delivery Services Drivers	ST OJT	CTY	12.00	24,950	22,260	19,200	27,820	20,360	to	24,160
53-3041	Taxi Drivers & Chauffeurs	ST OJT	WIA	10.79	22,450	22,380	17,360	24,990	18,860	to	26,020
53-3099	Motor Vehicle Operators, Other	ST OJT	PA	16.47	34,250	37,090	17,750	42,510	19,210	to	46,310
53-4011	Locomotive Engineers	WK EXP	PA	23.22	48,300	46,840	38,380	53,270	41,570	to	56,140
53-4013	Rail Yard Engineers, Dinkey Operators & Hostlers	MT OJT	PA	20.66	42,970	42,440	32,010	48,460	35,000	to	50,790
53-4021	Railroad Brake, Signal & Switch Operators	MT OJT	PA	26.64	55,410	54,160	42,230	62,000	46,940	to	61,090
53-4031	Railroad Conductors & Yardmasters	MT OJT	PA	24.03	49,990	46,380	39,010	55,480	40,940	to	59,470
53-4099	Rail Transportation Workers, Other	MT OJT	PA	25.14	52,290	53,510	44,130	56,370	49,000	to	58,020

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MAY 2012

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53-5011	Sailors & Marine Oilers	ST OJT	PA	21.22	44,140	35,850	25,060	53,690	27,030	to	44,840
53-5021	Captains, Mates & Pilots of Water Vessels	BD	PA	27.34	56,860	46,180	27,120	71,730	30,840	to	70,080
53-5031	Ship Engineers	BD	PA	50.40	104,840	68,070	45,190	134,670	49,850	to	122,680
53-6011	Bridge & Lock Tenders	ST OJT	PA	25.14	52,300	52,000	48,170	54,360	50,170	to	54,880
53-6021	Parking Lot Attendants	ST OJT	PA	10.39	21,610	20,910	16,780	24,030	18,030	to	24,300
53-6031	Automotive & Watercraft Service Attendants	ST OJT	WIA	8.34	17,340	17,700	16,750	17,640	16,520	to	18,890
53-6041	Traffic Technicians	ST OJT	PA	22.93	47,690	45,130	40,100	51,490	40,820	to	53,920
53-6051	Transportation Inspectors	PS	PA	37.73	78,480	72,480	49,290	93,080	56,840	to	103,540
53-6061	Transportation Attendants	ST OJT	PA	9.83	20,440	18,060	16,580	22,370	16,620	to	21,510
53-6099	Transportation Workers, Other	ST OJT	PA	20.50	42,640	42,070	32,250	47,830	36,130	to	50,040
53-7011	Conveyor Operators & Tenders	ST OJT	PA	15.86	32,980	29,530	21,810	38,560	23,420	to	38,890
53-7021	Crane & Tower Operators	WK EXP	WIA	30.09	62,580	64,390	45,750	71,000	51,320	to	72,400
53-7032	Excavating & Loading Machine & Dragline Operators	WK EXP	PA	21.16	44,020	40,910	30,670	50,700	33,330	to	47,540
53-7033	Loading Machine Operators, Underground Mining	ST OJT	PA	23.77	49,440	49,260	42,920	52,690	44,590	to	55,130
53-7041	Hoist & Winch Operators	MT OJT	PA	16.53	34,380	32,880	26,490	38,330	27,960	to	38,320
53-7051	Industrial Truck & Tractor Operators	ST OJT	WIA	16.08	33,460	32,930	26,340	37,010	27,780	to	39,200

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53-7061	Cleaners of Vehicles & Equipment	ST OJT	WIA	10.18	21,170	20,390	16,770	23,370	17,990	to	22,610
53-7062	Laborers & Freight, Stock & Material Movers	ST OJT	CTY	13.31	27,690	27,790	20,300	31,380	22,540	to	33,460
53-7063	Machine Feeders & Offbearers	ST OJT	WIA	12.46	25,920	25,430	20,730	28,520	21,880	to	29,070
53-7064	Packers & Packagers, Hand	ST OJT	CTY	12.19	25,360	25,490	19,270	28,410	21,310	to	29,190
53-7071	Gas Compressor & Gas Pumping Station Operators	MT OJT	PA	21.96	45,670	46,500	33,370	51,810	36,070	to	54,840
53-7072	Pump Operators	MT OJT	PA	22.49	46,780	50,400	24,020	58,160	27,180	to	65,970
53-7073	Wellhead Pumpers	MT OJT	PA	18.94	39,390	38,870	26,910	45,630	30,500	to	48,060
53-7081	Refuse & Recyclable Material Collectors	ST OJT	WIA	13.87	28,860	23,530	19,560	33,500	20,690	to	40,850
53-7111	Mine Shuttle Car Operators	ST OJT	PA	25.38	52,790	53,520	49,370	54,500	49,730	to	57,310
53-7121	Tank Car, Truck & Ship Loaders	ST OJT	PA	20.93	43,540	39,410	29,510	50,560	32,320	to	53,870
53-7199	Material Moving Workers, Other	ST OJT	PA	15.38	32,000	32,500	20,450	37,770	22,930	to	37,860

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