MAY 2018

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 (\$		_
00-0000	Total, All Occupations	#	CTY	21.16	44,000	36,870	22,030	54,990	25,150	to	52,770
11-0000	Management Occupations	#	CTY	49.52	103,000	88,600	52,560	128,230	62,050	to	125,980
11-1011	Chief Executives	BD+	CTY	127.38	264,960	#	187,200	#	#	to	#
11-1021	General & Operations Managers	BD+	CTY	49.99	103,980	89,320	46,230	132,850	57,770	to	128,090
11-1031	Legislators (Includes all local elected officials)	BD+	WDA	*	56,810	47,740	17,530	76,440	18,860	to	87,930
11-2011	Advertising & Promotions Managers	BD+	WDA	44.32	92,180	84,180	46,350	115,100	49,040	to	100,360
11-2021	Marketing Managers	BD+	CTY	59.49	123,740	118,940	62,000	154,620	75,050	to	153,130
11-2022	Sales Managers	BD+	CTY	67.99	141,410	143,140	102,630	160,800	118,100	to	161,090
11-2031	Public Relations & Fundraising Managers	BD+	WDA	45.84	95,340	93,820	55,870	115,080	69,780	to	121,310
11-3011	Administrative Services Managers	BD+	CTY	55.17	114,750	108,060	65,590	139,320	75,110	to	144,290
11-3021	Computer & Information Systems Managers	BD+	CTY	63.66	132,420	130,430	94,200	151,530	105,050	to	163,050
11-3031	Financial Managers	BD+	CTY	68.73	142,960	123,640	78,710	175,080	87,110	to	164,560
11-3051	Industrial Production Managers	BD+	CTY	50.52	105,080	96,860	67,640	123,800	78,800	to	128,030
11-3061	Purchasing Managers	BD+	CTY	49.22	102,380	98,020	83,070	112,040	87,910	to	118,480
11-3071	Transportation, Storage & Distribution Managers	WK EXP	CTY	51.27	106,630	106,660	81,730	119,080	86,970	to	125,380
11-3111	Compensation & Benefits Managers	BD+	WDA	68.30	142,070	131,590	88,920	168,650	99,340	to	180,620

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MAY 2018

SOC Code	Occupational Title	Educ. Level	Area Type	Average Hourly Wage (\$)	Average Annual Wage (\$)	Median Annual Wage (\$)	Entry Annual Wage (\$)	Exper'd Annual Wage (\$)	Mic Annua	d Rar al Wa	_
11-3121	Human Resources Managers	BD+	CTY	56.44	117,380	111,220	80,130	136,010	86,880	to	135,390
11-3131	Training & Development Managers	BD+	WDA	54.38	113,100	101,390	73,650	132,830	80,350	to	130,320
11-9013	Farmers, Ranchers & Other Agricultural Managers	WK EXP	WDA	48.41	100,690	107,810	75,180	113,450	91,170	to	119,940
11-9021	Construction Managers	BD	CTY	39.48	82,130	64,660	56,650	94,860	58,250	to	79,980
11-9031	Education Administrators, Preschool & Childcare Center/Program	BD+	CTY	25.98	54,050	54,480	41,040	60,550	45,630	to	61,090
11-9032	Education Administrators, Elementary & Secondary School	MD+	CTY	*	97,170	99,620	74,010	108,750	85,650	to	117,100
11-9033	Education Administrators, Postsecondary	MD+	WDA	46.98	97,730	86,670	57,190	118,000	64,830	to	118,990
11-9039	Education Administrators, Other	BD+	WDA	40.41	84,060	83,720	52,000	100,090	59,400	to	99,910
11-9041	Architectural & Engineering Managers	BD+	CTY	54.02	112,370	108,620	73,380	131,870	80,190	to	133,110
11-9051	Food Service Managers	WK EXP	CTY	31.48	65,480	68,580	45,740	75,340	53,040	to	79,800
11-9061	Funeral Service Managers	AD+	PA	54.82	114,030	88,400	68,120	136,990	72,850	to	119,500
11-9071	Gaming Managers	WK EXP	PA	42.16	87,700	79,860	63,930	99,580	68,160	to	98,140
11-9081	Lodging Managers	WK EXP	WDA	27.98	58,200	53,080	42,510	66,050	45,040	to	63,280
11-9111	Medical & Health Services Managers	BD+	CTY	51.51	107,130	87,270	58,310	131,550	68,390	to	115,520
11-9121	Natural Sciences Managers	BD+	WDA	57.22	119,020	108,810	74,590	141,230	82,700	to	137,430
11-9131	Postmasters & Mail Superintendents	WK EXP	CTY	36.01	74,890	74,380	63,770	80,450	67,820	to	82,570

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MAY 2018

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11-9141	Property, Real Estate & Community Association Managers	WK EXP	CTY	24.96	51,910	49,900	45,430	55,160	45,120	to	58,640
11-9151	Social & Community Service Managers	BD+	CTY	29.52	61,400	58,130	41,770	71,220	49,040	to	72,340
11-9161	Emergency Management Directors	BD+	WDA	33.60	69,890	65,880	47,680	81,000	53,990	to	79,270
11-9199	Managers, Other	BD+	CTY	62.29	129,570	126,070	83,410	152,650	96,990	to	156,760
13-0000	Business & Financial Operations Occupations	#	CTY	33.00	68,650	66,590	42,870	81,540	50,930	to	81,660
13-1011	Agents & Business Managers of Artists, Performers & Athletes	BD+	PA	26.54	55,200	50,190	40,040	62,780	44,000	to	62,640
13-1020	Buyers & Purchasing Agents	BD	CTY	31.06	64,600	60,430	43,670	75,070	49,060	to	80,120
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	CTY	30.39	63,210	70,310	28,380	80,630	29,930	to	81,660
13-1032	Insurance Appraisers, Auto Damage	PS+	PA	32.59	67,780	66,760	50,080	76,620	54,430	to	80,070
13-1041	Compliance Officers	BD	CTY	25.43	52,890	50,070	32,150	63,250	37,610	to	67,600
13-1051	Cost Estimators	BD	CTY	26.54	55,190	57,360	30,170	67,700	37,290	to	72,560
13-1071	Human Resources Specialists	BD	CTY	31.09	64,670	65,780	41,970	76,030	47,760	to	77,380
13-1075	Labor Relations Specialists	BD+	WDA	34.70	72,180	67,780	45,080	85,730	55,980	to	85,380
13-1081	Logisticians	BD	CTY	40.09	83,390	79,990	67,600	91,280	72,580	to	89,710
13-1111	Management Analysts	BD+	CTY	46.74	97,210	92,430	70,490	110,570	81,540	to	106,680
13-1121	Meeting, Convention & Event Planners	BD	WDA	23.02	47,890	45,210	32,850	55,410	37,100	to	55,430

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MAY 2018

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13-1131	Fundraisers	BD	CTY	25.24	52,490	53,710	35,050	61,210	40,240	to	65,160
13-1141	Compensation, Benefits & Job Analysis Specialists	BD+	WDA	36.94	76,830	67,850	48,730	90,890	56,020	to	82,060
13-1151	Training & Development Specialists	BD+	CTY	27.18	56,540	52,010	37,860	65,890	40,220	to	67,040
13-1161	Market Research Analysts & Marketing Specialists	BD	CTY	19.91	41,410	37,390	21,750	51,250	25,600	to	55,770
13-1199	Business Operations Specialists, Other	BD	CTY	36.23	75,350	74,860	58,420	83,820	65,620	to	83,920
13-2011	Accountants & Auditors	BD	CTY	30.06	62,520	58,780	44,140	71,710	48,620	to	72,640
13-2021	Appraisers & Assessors of Real Estate	BD+	WDA	24.76	51,500	51,090	36,260	59,130	41,390	to	58,690
13-2031	Budget Analysts	BD	WDA	35.75	74,350	70,400	56,760	83,150	61,680	to	83,810
13-2041	Credit Analysts	BD	CTY	25.99	54,060	56,180	34,230	63,980	38,620	to	63,130
13-2051	Financial Analysts	BD	CTY	39.40	81,950	75,600	56,510	94,680	62,600	to	93,960
13-2052	Personal Financial Advisors	BD+	CTY	40.58	84,410	62,760	53,850	99,690	56,100	to	75,560
13-2053	Insurance Underwriters	BD	WDA	32.32	67,240	62,560	43,940	78,880	49,920	to	81,570
13-2061	Financial Examiners	BD+	WDA	36.69	76,310	65,350	51,040	88,940	56,400	to	88,980
13-2071	Credit Counselors	BD	WDA	25.69	53,430	51,940	36,280	62,000	39,850	to	64,740
13-2072	Loan Officers	BD	CTY	34.54	71,840	67,300	52,190	81,670	56,940	to	84,280
13-2081	Tax Examiners & Collectors & Revenue Agents	BD	WDA	23.59	49,060	47,220	33,410	56,890	40,860	to	57,720

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13-2082	Tax Preparers	MT OJT	WDA	20.14	41,900	39,560	21,780	51,950	24,460	to	53,910
13-2099	Financial Specialists, Other	BD	CTY	42.93	89,300	92,420	67,850	100,020	81,540	to	106,000
15-0000	Computer & Mathematical Occupations	#	CTY	40.84	84,950	81,720	48,110	103,370	58,870	to	109,890
15-1111	Computer & Information Research Scientists	MD	WDA	49.51	102,980	96,990	75,540	116,700	81,550	to	129,860
15-1121	Computer Systems Analysts	BD	CTY	42.22	87,810	87,750	60,500	101,470	70,570	to	103,370
15-1122	Information Security Analysts	BD+	CTY	58.69	122,080	122,580	91,330	137,460	106,280	to	145,690
15-1131	Computer Programmers	BD	CTY	46.04	95,770	91,190	63,050	112,120	71,170	to	120,280
15-1132	Software Developers, Applications	BD	CTY	37.01	76,980	72,060	52,680	89,120	60,020	to	87,780
15-1133	Software Developers, Systems Software	BD	WDA	45.35	94,340	89,930	69,630	106,690	75,850	to	102,900
15-1134	Web Developers	AD	WDA	32.67	67,960	66,030	50,500	76,690	55,330	to	79,870
15-1141	Database Administrators	BD	CTY	42.22	87,830	91,600	76,220	93,630	84,530	to	98,670
15-1142	Network & Computer Systems Administrators	BD	CTY	35.29	73,410	70,660	49,970	85,130	55,670	to	83,360
15-1143	Computer Network Architects	BD+	CTY	49.78	103,550	97,850	68,240	121,210	75,750	to	127,490
15-1151	Computer User Support Specialists	PS	CTY	18.25	37,960	37,220	24,070	44,900	28,280	to	48,470
15-1152	Computer Network Support Specialists	AD	CTY	27.59	57,390	55,870	42,980	64,600	46,610	to	67,400
15-1199	Computer Occupations, Other	BD	CTY	47.23	98,230	100,200	68,440	113,120	81,550	to	118,400

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15-2011	Actuaries	BD+	WDA	50.30	104,620	108,210	70,100	121,890	79,240	to	125,630
15-2021	Mathematicians	MD	PA	36.66	76,250	68,890	52,980	87,880	58,060	to	95,100
15-2031	Operations Research Analysts	BD	WDA	37.94	78,920	71,960	54,330	91,220	59,020	to	92,570
15-2041	Statisticians	MD	WDA	32.36	67,320	63,940	49,410	76,270	53,980	to	78,570
17-0000	Architecture & Engineering Occupations	#	CTY	33.66	70,020	66,990	43,770	83,140	53,700	to	86,820
17-1011	Architects	BD+	CTY	31.65	65,830	70,690	38,780	79,350	55,480	to	84,130
17-1012	Landscape Architects	BD+	WDA	35.71	74,290	73,630	51,170	85,850	59,030	to	89,620
17-1021	Cartographers & Photogrammetrists	BD	WDA	33.64	69,970	68,840	45,360	82,270	50,140	to	96,080
17-1022	Surveyors	BD+	CTY	23.12	48,090	51,040	30,360	56,950	34,270	to	60,380
17-2011	Aerospace Engineers	BD	PA	52.07	108,300	105,070	77,630	123,630	84,280	to	130,270
17-2021	Agricultural Engineers	BD	PA	37.05	77,060	71,400	56,740	87,220	61,470	to	89,270
17-2031	Biomedical Engineers	BD	PA	37.91	78,840	76,440	44,320	96,100	47,680	to	97,750
17-2041	Chemical Engineers	BD	WDA	40.37	83,960	86,270	56,670	97,610	61,470	to	103,300
17-2051	Civil Engineers	BD	CTY	47.01	97,780	76,190	61,110	116,110	64,290	to	92,970
17-2061	Computer Hardware Engineers	BD	WDA	44.03	91,580	83,710	73,120	100,820	73,830	to	103,430
17-2071	Electrical Engineers	BD	CTY	41.09	85,480	87,900	66,770	94,830	72,560	to	98,750

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17-2072	Electronics Engineers	BD	CTY	37.53	78,050	76,630	58,200	87,980	61,640	to	97,300
17-2081	Environmental Engineers	BD	CTY	33.91	70,520	58,550	56,800	77,380	54,600	to	62,500
17-2111	Health & Safety Engineers	BD	CTY	39.26	81,650	74,990	60,100	92,430	63,510	to	92,550
17-2112	Industrial Engineers	BD	CTY	40.20	83,610	80,840	57,050	96,890	62,440	to	102,950
17-2131	Materials Engineers	BD	WDA	42.39	88,180	84,090	67,940	98,290	72,070	to	103,590
17-2141	Mechanical Engineers	BD	CTY	38.79	80,680	79,710	56,410	92,820	65,370	to	98,740
17-2151	Mining & Geological Engineers	BD	WDA	43.62	90,740	91,070	58,490	106,860	61,340	to	109,240
17-2161	Nuclear Engineers	BD	WDA	55.31	115,040	115,810	87,440	128,830	95,910	to	131,960
17-2171	Petroleum Engineers	BD	WDA	70.07	145,740	149,450	126,600	155,320	133,740	to	163,310
17-2199	Engineers, Other	BD	CTY	30.97	64,410	67,640	33,620	79,810	31,990	to	80,780
17-3011	Architectural & Civil Drafters	AD	CTY	25.60	53,240	52,330	43,400	58,160	45,520	to	60,140
17-3012	Electrical & Electronics Drafters	AD	WDA	33.78	70,270	69,030	47,280	81,760	52,370	to	89,140
17-3013	Mechanical Drafters	AD	WDA	24.06	50,040	47,920	36,660	56,730	39,730	to	58,760
17-3019	Drafters, Other	AD	WDA	23.37	48,600	43,840	35,520	55,140	36,680	to	58,310
17-3022	Civil Engineering Technicians	AD	WDA	26.71	55,560	55,640	39,940	63,370	45,140	to	63,870
17-3023	Electrical & Electronic Engineering Technicians	AD	CTY	31.37	65,250	63,080	53,790	70,970	58,210	to	70,310

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17-3024	Electro-Mechanical Technicians	AD	CTY	26.23	54,560	54,990	44,340	59,670	47,870	to	61,150
17-3025	Environmental Engineering Technicians	AD	WDA	21.84	45,430	45,520	26,660	54,820	33,040	to	58,170
17-3026	Industrial Engineering Technicians	AD	CTY	29.15	60,620	68,110	33,930	73,970	39,540	to	78,450
17-3027	Mechanical Engineering Technicians	AD	WDA	27.34	56,860	56,020	41,980	64,310	46,400	to	66,640
17-3029	Engineering Technicians, Other	AD	CTY	29.09	60,510	62,880	37,950	71,790	45,720	to	74,850
17-3031	Surveying & Mapping Technicians	MT OJT	WDA	21.81	45,360	43,990	31,850	52,120	35,080	to	56,160
19-0000	Life, Physical & Social Science Occupations	#	CTY	30.64	63,730	54,140	37,100	77,050	42,100	to	83,920
19-1011	Animal Scientists	BD	PA	25.20	52,420	51,020	30,280	63,490	31,960	to	64,930
19-1012	Food Scientists & Technologists	BD	WDA	31.52	65,570	60,140	45,370	75,660	49,910	to	75,200
19-1013	Soil & Plant Scientists	BD	WDA	32.50	67,600	64,450	51,040	75,880	55,190	to	76,850
19-1021	Biochemists & Biophysicists	PhD	PA	45.61	94,860	87,680	59,020	112,780	66,510	to	106,510
19-1022	Microbiologists	BD	PA	35.95	74,780	66,960	52,190	86,080	56,430	to	87,710
19-1023	Zoologists & Wildlife Biologists	BD	WDA	28.52	59,330	56,490	44,070	66,960	47,410	to	64,410
19-1029	Biological Scientists, Other	BD	WDA	34.72	72,220	76,020	50,000	83,330	67,800	to	83,930
19-1031	Conservation Scientists	BD	WDA	30.09	62,590	61,700	41,080	73,350	46,980	to	75,160
19-1032	Foresters	BD	WDA	33.93	70,580	70,420	55,610	78,070	63,090	to	82,170

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19-1041	Epidemiologists	MD	PA	38.31	79,690	70,680	48,700	95,180	55,420	to	91,630
19-1042	Medical Scientists	PhD	WDA	59.35	123,460	98,250	63,690	153,340	70,140	to	146,040
19-1099	Life Scientists, Other	BD	WDA	35.04	72,880	70,410	57,800	80,420	64,440	to	80,360
19-2012	Physicists	PhD	WDA	69.99	145,590	144,600	112,590	162,080	116,360	to	175,600
19-2021	Atmospheric & Space Scientists	BD	PA	50.18	104,380	96,980	78,040	117,560	85,780	to	114,400
19-2031	Chemists	BD	WDA	32.83	68,280	62,990	44,740	80,050	48,860	to	84,040
19-2032	Materials Scientists	BD	WDA	55.32	115,070	115,550	85,360	129,920	91,700	to	142,100
19-2041	Environmental Scientists & Specialists	BD	WDA	33.54	69,760	65,910	51,700	78,790	57,110	to	81,650
19-2042	Geoscientists	BD	WDA	37.61	78,220	78,570	62,670	86,000	67,420	to	89,620
19-2043	Hydrologists	BD	WDA	40.83	84,940	88,070	58,230	98,290	68,940	to	106,000
19-2099	Physical Scientists, Other	BD	PA	55.31	115,050	113,080	77,530	133,810	89,800	to	122,510
19-3011	Economists	MD	WDA	34.26	71,270	65,910	49,920	81,940	53,990	to	85,770
19-3022	Survey Researchers	MD	WDA	25.91	53,890	56,190	32,570	64,540	41,420	to	62,330
19-3031	Clinical, Counseling & School Psychologists	PhD	CTY	45.80	95,270	95,280	69,560	108,130	81,610	to	108,070
19-3032	Industrial-Organizational Psychologists	MD+	PA	46.50	96,730	80,400	52,300	118,940	59,640	to	124,050
19-3039	Psychologists, Other	MD+	WDA	41.37	86,040	96,630	46,830	105,650	69,560	to	111,270

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19-3041	Sociologists	MD	PA	58.40	121,470	120,900	74,140	145,130	86,420	to	156,220
19-3051	Urban & Regional Planners	MD	CTY	28.62	59,540	49,120	44,880	66,860	44,490	to	74,450
19-3091	Anthropologists & Archeologists	MD	WDA	29.26	60,860	63,680	45,890	68,350	48,900	to	72,660
19-3092	Geographers	BD	PA	39.80	82,790	82,790	52,090	98,140	64,880	to	106,000
19-3093	Historians	MD	WDA	33.52	69,720	66,550	55,610	76,780	57,760	to	78,570
19-3094	Political Scientists	MD	PA	49.09	102,110	89,170	58,220	124,060	64,270	to	134,310
19-3099	Social Scientists & Related Workers, Other	BD	WDA	51.19	106,480	106,050	76,770	121,330	90,550	to	128,900
19-4011	Agricultural & Food Science Technicians	AD+	WDA	20.31	42,260	41,390	33,960	46,400	36,000	to	47,580
19-4021	Biological Technicians	BD	WDA	24.47	50,900	47,890	34,270	59,210	37,120	to	61,670
19-4031	Chemical Technicians	AD+	WDA	22.36	46,510	43,560	30,850	54,340	35,460	to	50,950
19-4041	Geological & Petroleum Technicians	AD+	PA	23.65	49,190	43,250	28,120	59,730	30,810	to	62,710
19-4051	Nuclear Technicians	AD+	PA	44.89	93,380	94,450	76,280	101,930	84,290	to	105,700
19-4061	Social Science Research Assistants	BD	WDA	20.70	43,050	40,250	33,070	48,040	34,550	to	50,610
19-4091	Environmental Science & Protection Technicians	AD	WDA	23.62	49,120	47,900	34,430	56,470	38,700	to	59,850
19-4092	Forensic Science Technicians	BD	PA	24.43	50,820	46,900	37,160	57,650	41,090	to	60,680
19-4093	Forest & Conservation Technicians	AD	WDA	25.53	53,110	51,680	39,220	60,060	45,260	to	59,440

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MAY 2018

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 (_
19-4099	Life, Physical & Social Science Technicians, Other	AD	WDA	19.79	41,170	36,890	29,500	47,010	31,190	to	48,670
21-0000	Community & Social Services Occupations	#	CTY	21.86	45,460	40,700	28,330	54,030	31,220	to	53,040
21-1012	Educational, Guidance, School & Vocational Counselors	MD	CTY	29.48	61,310	61,200	39,950	71,990	46,580	to	75,220
21-1013	Marriage & Family Therapists	MD+	WDA	35.72	74,290	54,190	36,910	92,990	40,200	to	98,510
21-1015	Rehabilitation Counselors	MD	CTY	15.31	31,840	28,260	21,390	37,070	22,680	to	38,590
21-1018	Substance Abuse, Behavioral Disorder & Mental Health Counselors	BD	CTY	20.05	41,690	39,020	29,590	47,750	32,090	to	50,400
21-1019	Counselors, Other	MD	WDA	27.13	56,440	57,760	41,490	63,910	51,290	to	65,900
21-1021	Child, Family & School Social Workers	BD	CTY	19.88	41,350	40,750	29,310	47,370	31,540	to	49,630
21-1022	Healthcare Social Workers	MD+	CTY	25.23	52,480	50,790	40,070	58,680	42,430	to	61,250
21-1023	Mental Health & Substance Abuse Social Workers	MD+	CTY	18.24	37,950	32,230	25,340	44,250	27,000	to	42,320
21-1029	Social Workers, Other	BD	WDA	33.22	69,090	73,870	51,000	78,140	59,020	to	81,260
21-1091	Health Educators	BD	CTY	27.20	56,570	51,970	33,050	68,330	40,270	to	77,530
21-1092	Probation Officers & Correctional Treatment Specialists	BD	WDA	25.66	53,370	51,560	41,290	59,400	43,960	to	61,970
21-1093	Social & Human Service Assistants	ST OJT	CTY	15.34	31,910	31,400	25,210	35,270	27,550	to	36,170
21-1094	Community Health Workers	ST OJT	CTY	16.53	34,380	30,240	27,790	37,680	27,560	to	37,450
21-1099	Community & Social Service Specialists, Other	BD	WDA	27.47	57,130	53,980	30,080	70,660	34,190	to	78,580

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MAY 2018

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21-2011	Clergy	BD	CTY	20.54	42,720	44,120	32,660	47,740	37,270	to	49,300
21-2021	Directors, Religious Activities & Education	BD+	WDA	18.60	38,690	36,420	24,240	45,920	31,150	to	43,500
21-2099	Religious Workers, Other	BD	WDA	13.32	27,710	25,660	18,050	32,540	19,230	to	31,120
23-0000	Legal Occupations	#	CTY	32.96	68,550	60,160	41,470	82,100	46,460	to	78,400
23-1011	Lawyers	PROF	CTY	41.73	86,810	80,480	51,540	104,440	57,580	to	105,400
23-1012	Judicial Law Clerks	PhD	WDA	18.79	39,080	41,290	24,510	46,370	25,190	to	48,010
23-1021	Administrative Law Judges, Adjudicators & Hearing Officers	PhD	WDA	42.25	87,880	78,580	57,450	103,090	64,440	to	102,350
23-1022	Arbitrators, Mediators & Conciliators	BD+	WDA	39.08	81,280	100,120	38,680	102,580	38,910	to	107,260
23-1023	Judges, Magistrate Judges & Magistrates	PhD	PA	28.91	60,120	57,630	47,350	66,510	50,650	to	66,980
23-2011	Paralegals & Legal Assistants	AD	CTY	27.07	56,300	56,880	40,960	63,980	45,610	to	67,980
23-2091	Court Reporters	PS	WDA	28.59	59,470	63,290	39,040	69,690	45,020	to	74,160
23-2093	Title Examiners, Abstractors & Searchers	MT OJT	CTY	18.41	38,280	37,640	34,500	40,180	34,200	to	42,990
23-2099	Legal Support Workers, Other	AD	WDA	36.51	75,930	65,910	46,100	90,850	51,870	to	102,350
25-0000	Education, Training & Library Occupations	#	CTY	26.63	55,390	58,350	31,080	67,540	42,620	to	70,840
25-1011	Business Teachers, Postsecondary	PhD	WDA	*	73,320	58,380	34,240	92,850	38,810	to	96,610
25-1021	Computer Science Teachers, Postsecondary	PhD	WDA	*	77,580	68,530	36,450	98,150	40,710	to	100,390

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MAY 2018

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25-1022	Mathematical Science Teachers, Postsecondary	PhD	WDA	*	72,440	66,800	33,830	91,750	40,700	to	92,970
25-1032	Engineering Teachers, Postsecondary	PhD	WDA	*	75,780	72,970	37,070	95,130	42,840	to	99,940
25-1041	Agricultural Sciences Teachers, Postsecondary	PhD	PA	*	106,970	102,150	63,170	128,870	75,210	to	131,010
25-1042	Biological Science Teachers, Postsecondary	PhD	WDA	*	81,640	74,690	42,940	100,990	52,030	to	102,110
25-1043	Forestry & Conservation Science Teachers, Postsecondary	PhD	PA	*	108,910	106,240	68,000	129,360	80,540	to	136,280
25-1051	Atmospheric, Earth, Marine & Space Sciences Teachers, Postsecondary	PhD	PA	*	94,630	85,000	47,660	118,120	57,540	to	115,390
25-1052	Chemistry Teachers, Postsecondary	PhD	WDA	*	83,640	79,010	43,320	103,810	52,440	to	103,780
25-1053	Environmental Science Teachers, Postsecondary	PhD	PA	*	93,850	83,020	51,990	114,780	60,850	to	121,520
25-1054	Physics Teachers, Postsecondary	PhD	WDA	*	94,880	81,960	57,430	113,600	67,300	to	105,520
25-1061	Anthropology & Archeology Teachers, Postsecondary	PhD	PA	*	94,090	88,360	56,810	112,730	68,780	to	113,360
25-1062	Area, Ethnic & Cultural Studies Teachers, Postsecondary	PhD	PA	*	93,440	84,320	43,770	118,280	58,020	to	120,900
25-1063	Economics Teachers, Postsecondary	PhD	PA	*	131,060	109,360	61,470	165,860	76,960	to	158,270
25-1064	Geography Teachers, Postsecondary	PhD	WDA	*	73,460	82,320	42,250	89,070	40,150	to	95,290
25-1065	Political Science Teachers, Postsecondary	PhD	WDA	*	100,670	92,240	53,470	124,270	63,080	to	120,040
25-1066	Psychology Teachers, Postsecondary	PhD	WDA	*	76,590	73,860	42,710	93,530	53,060	to	99,760
25-1067	Sociology Teachers, Postsecondary	PhD	WDA	*	69,760	61,660	37,050	86,120	40,220	to	89,210

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25-1069	Social Sciences Teachers, Postsecondary, Other	PhD	PA	*	95,490	69,100	39,240	123,610	47,500	to	132,560
25-1071	Health Specialties Teachers, Postsecondary	PhD	WDA	*	89,980	91,020	50,570	109,680	61,410	to	113,270
25-1072	Nursing Instructors & Teachers, Postsecondary	PhD	WDA	*	62,420	60,410	37,920	74,670	40,080	to	77,400
25-1081	Education Teachers, Postsecondary	PhD	WDA	*	61,300	56,970	33,110	75,400	38,100	to	80,630
25-1082	Library Science Teachers, Postsecondary	PhD	WDA	*	64,580	62,290	55,090	69,330	56,190	to	72,440
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	PhD	WDA	*	80,680	78,440	50,910	95,570	64,540	to	94,360
25-1112	Law Teachers, Postsecondary	PhD	PA	*	97,810	85,720	28,990	132,210	43,020	to	121,580
25-1113	Social Work Teachers, Postsecondary	PhD	PA	*	63,060	59,890	30,490	79,350	38,540	to	85,730
25-1121	Art, Drama & Music Teachers, Postsecondary	MD	WDA	*	83,040	69,460	41,820	103,650	53,300	to	101,590
25-1122	Communications Teachers, Postsecondary	PhD	WDA	*	66,390	61,710	37,360	80,900	44,200	to	87,250
25-1123	English Language & Literature Teachers, Postsecondary	PhD	WDA	*	70,690	67,150	32,880	89,590	39,200	to	93,610
25-1124	Foreign Language & Literature Teachers, Postsecondary	PhD	WDA	*	72,940	65,040	35,230	91,800	44,310	to	96,470
25-1125	History Teachers, Postsecondary	PhD	WDA	*	82,880	74,570	45,010	101,810	55,800	to	103,920
25-1126	Philosophy & Religion Teachers, Postsecondary	PhD	WDA	*	76,150	71,030	45,460	91,500	53,600	to	100,470
25-1191	Graduate Teaching Assistants	BD	PA	*	44,960	41,000	24,470	55,210	29,210	to	58,870
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	PhD	WDA	*	68,260	65,630	36,070	84,360	39,300	to	88,010

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25-1194	Vocational Education Teachers, Postsecondary	BD+	WDA	26.74	55,620	55,800	35,040	65,900	43,940	to	71,270
25-1199	Postsecondary Teachers, Other	PhD	WDA	*	95,390	74,370	43,850	121,160	53,250	to	119,870
25-2011	Preschool Teachers	AD	CTY	10.34	21,510	19,390	17,510	23,500	17,570	to	24,240
25-2012	Kindergarten Teachers	BD+	CTY	*	53,520	54,340	43,920	58,330	47,650	to	60,510
25-2021	Elementary School Teachers	BD+	CTY	*	60,940	60,100	48,050	67,390	52,420	to	70,530
25-2022	Middle School Teachers	BD+	CTY	*	68,170	68,750	51,670	76,420	57,550	to	77,710
25-2023	Career/Technical Education Teachers, Middle School	BD+	WDA	*	60,160	59,240	51,230	64,620	52,900	to	68,650
25-2031	Secondary School Teachers	BD+	CTY	*	65,370	65,840	50,790	72,650	55,730	to	76,110
25-2032	Career/Technical Education Teachers, Secondary School	BD+	WDA	*	63,760	62,840	51,220	70,030	54,610	to	73,740
25-2051	Special Education Teachers, Preschool	BD+	PA	*	54,160	51,960	39,730	61,370	42,910	to	61,870
25-2052	Special Education Teachers, Kindergarten & Elementary School	BD+	WDA	*	62,450	61,720	45,810	70,780	50,680	to	74,370
25-2053	Special Education Teachers, Middle School	BD+	CTY	*	65,790	68,680	50,280	73,550	56,090	to	75,910
25-2054	Special Education Teachers, Secondary School	BD+	CTY	*	60,000	60,130	47,560	66,220	51,350	to	70,440
25-2059	Special Education Teachers, Other	BD+	PA	*	66,780	66,220	51,520	74,420	58,430	to	75,370
25-3011	Adult Basic & Secondary Education & Literacy Teachers & Instructors	BD+	WDA	24.34	50,640	53,860	33,300	59,300	35,850	to	62,050
25-3021	Self-Enrichment Education Teachers	WK EXP	CTY	13.15	27,350	18,740	16,850	32,600	16,910	to	35,990

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25-3097	Teachers & Instructors, Other	BD+	WDA	*	63,650	58,510	30,930	80,000	37,460	to	86,840
25-3098	Substitute Teachers	BD	WDA	18.04	37,510	28,540	24,740	43,900	26,480	to	30,590
25-4011	Archivists	MD	WDA	28.42	59,120	59,010	41,560	67,900	46,280	to	67,800
25-4012	Curators	MD	WDA	31.19	64,880	64,200	41,180	76,740	47,250	to	87,770
25-4013	Museum Technicians & Conservators	BD	WDA	21.13	43,940	42,520	30,220	50,800	34,050	to	54,120
25-4021	Librarians	MD	CTY	24.74	51,450	54,470	39,740	57,310	45,680	to	59,740
25-4031	Library Technicians	PS	CTY	13.71	28,520	24,100	19,120	33,220	20,290	to	34,590
25-9011	Audio-Visual & Multimedia Collections Specialists	BD+	WDA	27.09	56,350	49,160	40,610	64,220	43,740	to	67,870
25-9021	Farm & Home Management Advisors	MD	PA	32.28	67,140	56,760	43,460	78,990	47,690	to	64,240
25-9031	Instructional Coordinators	MD+	CTY	28.27	58,790	57,770	44,980	65,700	47,730	to	69,820
25-9041	Teacher Assistants	PS	CTY	*	23,990	24,930	17,000	27,490	18,250	to	28,870
25-9099	Education, Training & Library Workers, Other	BD	WDA	22.37	46,540	46,130	36,170	51,720	41,660	to	51,810
27-0000	Arts, Design, Entertainment, Sports & Media Occupations	#	СТҮ	19.28	40,110	35,830	20,530	49,890	23,430	to	49,600
27-1011	Art Directors	BD+	WDA	46.44	96,590	89,010	60,860	114,450	67,970	to	124,650
27-1013	Fine Artists	BD+	WDA	17.77	36,970	33,260	22,530	44,190	25,260	to	44,890
27-1014	Multimedia Artists & Animators	BD	WDA	31.99	66,550	69,810	48,540	75,550	60,270	to	77,620

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27-1019	Artists & Related Workers, Other	LT OJT	WDA	31.16	64,810	66,210	36,260	79,090	39,130	to	83,720
27-1021	Commercial & Industrial Designers	BD	CTY	26.02	54,130	48,310	44,790	58,800	44,040	to	68,360
27-1022	Fashion Designers	BD	PA	26.36	54,840	41,090	29,340	67,590	32,010	to	67,830
27-1023	Floral Designers	MT OJT	WDA	12.04	25,040	23,510	19,990	27,570	20,830	to	27,940
27-1024	Graphic Designers	BD	CTY	20.30	42,230	40,390	32,830	46,930	34,960	to	47,970
27-1025	Interior Designers	BD	WDA	25.40	52,830	48,600	33,280	62,610	39,400	to	62,720
27-1026	Merchandise Displayers & Window Trimmers	ST OJT	WDA	14.25	29,630	27,340	22,080	33,410	22,940	to	35,760
27-1027	Set & Exhibit Designers	BD	WDA	26.92	55,990	57,130	38,510	64,720	42,380	to	68,020
27-1029	Designers, Other	BD	PA	24.30	50,530	54,710	25,210	63,190	28,770	to	71,740
27-2011	Actors	PS+	PA	19.65	#	#	#	#	#	to	#
27-2012	Producers & Directors	BD+	CTY	32.73	68,070	59,280	38,080	83,060	43,710	to	93,030
27-2021	Athletes & Sports Competitors	LT OJT	WDA	*	45,290	34,620	17,780	59,050	18,950	to	60,780
27-2022	Coaches & Scouts	BD	CTY	*	30,740	19,480	17,280	37,470	17,470	to	39,540
27-2023	Umpires, Referees & Other Sports Officials	MT OJT	WDA	*	27,830	23,650	22,110	30,690	21,380	to	38,260
27-2031	Dancers	LT OJT	PA	20.97	#	#	#	#	#	to	#
27-2032	Choreographers	WK EXP	WDA	21.88	45,510	45,040	22,860	56,840	23,520	to	58,650

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27-2041	Music Directors & Composers	BD+	WDA	26.91	55,980	36,610	24,320	71,800	29,190	to	79,150
27-2042	Musicians & Singers	LT OJT	WDA	30.10	#	#	#	#	#	to	#
27-3011	Radio & Television Announcers	BD	WDA	17.35	36,080	27,770	19,820	44,220	21,320	to	45,650
27-3012	Public Address System & Other Announcers	ST OJT	PA	18.93	39,370	29,710	20,300	48,910	21,820	to	51,070
27-3022	Reporters & Correspondents	BD	WDA	16.23	33,760	32,470	20,620	40,330	23,150	to	41,460
27-3031	Public Relations Specialists	BD	CTY	23.52	48,920	47,410	31,060	57,850	35,360	to	61,060
27-3041	Editors	BD+	CTY	24.74	51,460	45,890	35,660	59,360	38,830	to	64,730
27-3042	Technical Writers	BD+	CTY	30.16	62,730	61,850	44,190	72,010	50,390	to	74,640
27-3043	Writers & Authors	BD+	WDA	27.30	56,780	50,240	28,310	71,020	30,490	to	64,740
27-3091	Interpreters & Translators	BD	WDA	27.04	56,240	51,080	32,890	67,920	36,860	to	69,160
27-3099	Media & Communication Workers, Other	ST OJT	PA	21.86	45,480	42,820	25,390	55,520	29,010	to	54,680
27-4011	Audio & Video Equipment Technicians	PS	WDA	19.71	40,990	39,590	26,970	48,010	32,190	to	48,840
27-4012	Broadcast Technicians	AD	CTY	15.63	32,510	25,720	19,740	38,900	21,230	to	40,090
27-4014	Sound Engineering Technicians	PS	PA	21.90	45,540	39,960	26,560	55,040	31,520	to	56,330
27-4021	Photographers	LT OJT	WDA	16.74	34,810	31,080	24,910	39,760	26,910	to	41,200
27-4031	Camera Operators: TV, Video & Motion Picture	BD	PA	22.28	46,350	43,180	21,980	58,530	26,280	to	57,850

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27-4032	Film & Video Editors	BD	WDA	28.96	60,230	56,200	38,950	70,870	42,700	to	75,010
27-4099	Media & Communication Equipment Workers, Other	ST OJT	WDA	38.68	80,450	77,110	64,980	88,190	69,850	to	86,190
29-0000	Healthcare Practitioners & Technical Occupations	#	CTY	38.17	79,390	63,600	36,130	101,010	43,920	to	91,260
29-1011	Chiropractors	PROF	WDA	38.86	80,840	72,620	28,210	107,160	31,510	to	101,350
29-1021	Dentists, General	PROF	CTY	76.38	158,870	122,450	97,530	189,540	103,630	to	194,740
29-1022	Oral & Maxillofacial Surgeons	PROF	PA	108.49	225,660	#	87,280	#	90,830	to	#
29-1023	Orthodontists	PROF	PA	124.49	258,940	#	180,760	#	195,870	to	#
29-1029	Dentists, Other Specialists	PROF	WDA	60.73	126,320	107,870	74,900	152,030	93,720	to	148,270
29-1031	Dietitians & Nutritionists	BD	CTY	21.20	44,090	45,020	28,400	51,940	30,010	to	52,470
29-1041	Optometrists	PROF	WDA	54.94	114,270	96,060	57,140	142,830	68,880	to	138,970
29-1051	Pharmacists	PROF	CTY	59.39	123,530	126,400	100,800	134,900	113,890	to	144,760
29-1061	Anesthesiologists	PROF	WDA	135.90	282,680	#	#	#	#	to	#
29-1062	Family & General Practitioners	PROF	CTY	102.90	214,020	200,400	125,990	258,040	168,980	to	#
29-1063	Internists, General	PROF	PA	100.19	208,400	200,410	102,050	261,570	144,010	to	#
29-1064	Obstetricians & Gynecologists	PROF	WDA	125.61	261,280	#	#	#	#	to	#
29-1065	Pediatricians, General	PROF	WDA	75.41	156,850	153,540	99,660	185,440	109,890	to	190,500

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MAY 2018

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 (\$		
29-1066	Psychiatrists	PROF	WDA	122.50	254,810	#	#	#	196,080	to	#
29-1067	Surgeons	PROF	WDA	124.34	258,630	#	#	#	#	to	#
29-1069	Physicians & Surgeons, Other	PROF	CTY	127.79	265,800	#	194,610	#	#	to	#
29-1071	Physician Assistants	MD	CTY	42.60	88,600	92,160	67,890	98,950	83,770	to	100,530
29-1081	Podiatrists	PROF	WDA	70.38	146,390	140,090	59,410	189,880	73,650	to	174,600
29-1122	Occupational Therapists	MD	CTY	39.53	82,220	79,600	60,960	92,850	68,290	to	96,540
29-1123	Physical Therapists	PhD	CTY	43.95	91,420	91,590	62,070	106,100	74,110	to	107,980
29-1124	Radiation Therapists	AD	PA	39.74	82,660	80,240	60,870	93,560	64,890	to	97,600
29-1125	Recreational Therapists	BD	CTY	24.49	50,940	50,520	41,440	55,700	46,270	to	60,260
29-1126	Respiratory Therapists	AD	WDA	28.75	59,810	59,300	49,220	65,100	52,600	to	68,010
29-1127	Speech-Language Pathologists	MD+	CTY	33.40	69,470	65,350	54,340	77,040	57,370	to	78,680
29-1128	Exercise Physiologists	BD	WDA	25.59	53,220	52,010	41,530	59,070	43,980	to	63,820
29-1129	Therapists, Other	BD	PA	25.93	53,930	55,360	37,150	62,320	41,200	to	63,640
29-1131	Veterinarians	PROF	CTY	46.90	97,550	98,540	77,090	107,780	81,170	to	115,970
29-1141	Registered Nurses	BD	CTY	34.96	72,710	71,710	52,630	82,750	58,030	to	89,460
29-1151	Nurse Anesthetists	MD	CTY	86.91	180,770	172,770	129,630	206,340	141,200	to	199,480

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MAY 2018

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 (_
29-1161	Nurse Midwives	MD	WDA	48.07	99,980	98,770	91,640	104,160	90,270	to	111,120
29-1171	Nurse Practitioners	MD	CTY	41.66	86,650	81,240	68,890	95,530	71,090	to	104,640
29-1181	Audiologists	PhD	WDA	38.82	80,750	83,670	65,240	88,510	69,860	to	93,780
29-1199	Health Diagnosing & Treating Practitioners, Other	MD	WDA	35.57	73,990	70,730	60,600	80,690	65,210	to	78,570
29-2010	Clinical Laboratory Technologists & Technicians	AD	WDA	23.25	48,360	47,340	29,520	57,770	33,710	to	61,250
29-2021	Dental Hygienists	AD	CTY	34.63	72,030	72,570	65,930	75,070	66,890	to	78,250
29-2031	Cardiovascular Technologists & Technicians	AD	WDA	25.63	53,310	46,980	34,770	62,580	37,140	to	67,500
29-2032	Diagnostic Medical Sonographers	AD	WDA	31.74	66,010	65,010	52,770	72,630	56,150	to	75,840
29-2033	Nuclear Medicine Technologists	AD	WDA	35.24	73,290	72,050	55,780	82,050	60,710	to	84,080
29-2034	Radiologic Technologists	AD	CTY	31.00	64,470	66,330	47,110	73,150	52,490	to	76,680
29-2035	Magnetic Resonance Imaging Technologists	AD+	WDA	32.85	68,330	68,200	53,470	75,760	57,930	to	78,430
29-2041	Emergency Medical Technicians & Paramedics	PS	CTY	13.42	27,920	27,620	24,370	29,690	25,250	to	30,050
29-2051	Dietetic Technicians	AD	WDA	12.59	26,190	24,410	20,220	29,170	21,260	to	29,730
29-2052	Pharmacy Technicians	MT OJT	CTY	14.52	30,200	26,930	21,290	34,660	22,440	to	35,830
29-2053	Psychiatric Technicians	PS+	PA	15.07	31,340	30,710	25,590	34,210	26,930	to	35,920
29-2054	Respiratory Therapy Technicians	AD	PA	22.80	47,430	47,380	31,620	55,340	36,540	to	58,340

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29-2055	Surgical Technologists	PS	CTY	24.74	51,470	51,830	39,960	57,220	42,530	to	60,180
29-2056	Veterinary Technologists & Technicians	AD	CTY	16.34	33,990	31,920	24,630	38,670	26,650	to	40,850
29-2057	Ophthalmic Medical Technicians	PS	WDA	17.38	36,160	36,590	26,230	41,120	29,380	to	43,230
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	CTY	21.34	44,380	43,280	34,780	49,170	36,540	to	51,350
29-2071	Medical Records & Health Information Technicians	PS	CTY	18.82	39,140	37,060	27,910	44,760	29,730	to	47,640
29-2081	Opticians, Dispensing	LT OJT	WDA	16.93	35,220	34,470	24,370	40,640	26,220	to	42,910
29-2091	Orthotists & Prosthetists	MD+	WDA	29.61	61,580	58,270	40,260	72,240	43,290	to	76,330
29-2092	Hearing Aid Specialists	MT OJT	WDA	24.11	50,160	52,110	36,480	56,990	38,470	to	59,190
29-2099	Health Technologists & Technicians, Other	PS	CTY	19.26	40,060	36,650	28,700	45,750	31,020	to	46,130
29-9011	Occupational Health & Safety Specialists	BD	CTY	30.63	63,700	60,510	47,500	71,800	52,890	to	74,850
29-9012	Occupational Health & Safety Technicians	MT OJT	WDA	25.38	52,790	52,010	40,450	58,960	44,320	to	61,510
29-9091	Athletic Trainers	BD	WDA	*	50,240	49,940	38,140	56,280	41,770	to	59,070
29-9092	Genetic Counselors	MD	PA	35.29	73,410	74,780	52,320	83,950	64,280	to	87,600
29-9099	Healthcare Practitioners & Technical Workers, Other	PS	WDA	38.84	80,800	86,170	44,790	98,800	48,870	to	105,080
31-0000	Healthcare Support Occupations	#	CTY	16.49	34,290	32,330	25,850	38,510	27,800	to	39,590
31-1011	Home Health Aides	ST OJT	CTY	11.95	24,860	23,260	20,550	27,010	20,650	to	28,780

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31-1013	Psychiatric Aides	ST OJT	PA	17.04	35,450	33,840	25,650	40,340	27,830	to	39,720
31-1014	Nursing Assistants	PS	CTY	16.04	33,360	32,230	27,180	36,450	28,370	to	37,880
31-1015	Orderlies	ST OJT	WDA	14.02	29,170	28,020	21,770	32,870	23,450	to	34,150
31-2011	Occupational Therapy Assistants	AD	CTY	28.19	58,640	59,360	48,690	63,610	53,310	to	65,330
31-2012	Occupational Therapy Aides	ST OJT	WDA	16.52	34,370	33,620	27,390	37,860	29,360	to	38,440
31-2021	Physical Therapist Assistants	AD	CTY	23.53	48,950	50,160	33,690	56,570	40,360	to	59,980
31-2022	Physical Therapist Aides	ST OJT	WDA	13.88	28,870	28,470	23,040	31,780	24,930	to	32,470
31-9011	Massage Therapists	PS	WDA	20.82	43,300	40,880	23,170	53,370	28,520	to	52,090
31-9091	Dental Assistants	PS	CTY	18.15	37,750	37,010	30,820	41,210	32,290	to	43,520
31-9092	Medical Assistants	PS	CTY	15.78	32,830	31,350	27,320	35,590	27,970	to	37,600
31-9093	Medical Equipment Preparers	MT OJT	CTY	17.31	36,010	34,120	28,750	39,630	29,410	to	43,380
31-9094	Medical Transcriptionists	PS	CTY	18.56	38,610	38,410	31,220	42,310	33,330	to	45,610
31-9095	Pharmacy Aides	ST OJT	CTY	13.64	28,380	26,090	23,260	30,930	23,290	to	32,070
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	ST OJT	CTY	13.74	28,580	28,930	23,890	30,920	26,330	to	31,690
31-9097	Phlebotomists	PS	CTY	18.73	38,960	38,630	32,520	42,180	34,140	to	45,480
31-9099	Healthcare Support Workers, Other	ST OJT	WDA	21.32	44,350	44,650	35,540	48,760	39,030	to	49,960

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33-0000	Protective Service Occupations	#	CTY	22.00	45,770	41,580	25,070	56,120	30,130	to	59,770
33-1011	Supervisors - Correctional Officers	WK EXP	WDA	39.72	82,610	83,810	61,310	93,260	69,060	to	91,810
33-1012	Supervisors - Police & Detectives	WK EXP	CTY	34.17	71,080	68,100	52,280	80,480	56,230	to	80,310
33-1021	Supervisors - Fire Fighting & Prevention	PS+	WDA	37.40	77,790	77,460	57,780	87,800	67,320	to	93,110
33-1099	Supervisors - Protective Service Workers, Other	WK EXP	CTY	29.45	61,260	59,400	46,910	68,440	55,640	to	65,090
33-2011	Firefighters	PS+	WDA	26.01	54,090	55,180	36,030	63,120	44,410	to	65,470
33-2021	Fire Inspectors & Investigators	PS+	PA	27.35	56,890	49,920	37,890	66,380	41,390	to	72,940
33-3011	Bailiffs	MT OJT	WDA	12.82	26,660	22,130	17,690	31,150	18,520	to	34,390
33-3012	Correctional Officers & Jailers	MT OJT	WDA	26.07	54,220	52,090	40,670	60,990	43,990	to	65,560
33-3021	Detectives & Criminal Investigators	WK EXP	WDA	38.65	80,390	75,310	56,590	92,290	60,960	to	94,480
33-3041	Parking Enforcement Workers	ST OJT	WDA	14.52	30,200	29,300	22,890	33,860	24,030	to	36,300
33-3051	Police & Sheriff's Patrol Officers	MT OJT	CTY	27.22	56,610	55,180	36,580	66,620	38,940	to	68,690
33-9011	Animal Control Workers	MT OJT	WDA	20.95	43,580	46,540	30,130	50,300	41,100	to	51,970
33-9021	Private Detectives & Investigators	WK EXP	WDA	23.53	48,930	42,600	34,040	56,380	36,100	to	65,400
33-9031	Gaming Surveillance Officers & Gaming Investigators	WK EXP	PA	23.42	48,720	50,530	33,770	56,200	37,730	to	57,980
33-9032	Security Guards	ST OJT	CTY	16.06	33,400	33,050	24,420	37,880	27,570	to	39,630

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33-9091	Crossing Guards	ST OJT	WDA	13.69	28,470	28,020	22,470	31,480	24,240	to	31,390
33-9092	Lifeguards, Ski Patrol & Other Recreational Protective Service	ST OJT	WDA	9.25	19,240	18,480	17,520	20,100	17,140	to	19,950
33-9093	Transportation Security Screeners	ST OJT	WDA	18.90	39,320	38,410	34,300	41,820	37,690	to	41,210
33-9099	Protective Service Workers, Other	ST OJT	CTY	12.73	26,470	22,800	18,530	30,440	19,780	to	27,890
35-0000	Food Preparation & Serving Related Occupations	#	CTY	10.90	22,670	20,220	17,540	25,230	17,960	to	24,590
35-1011	Chefs & Head Cooks	WK EXP	CTY	24.33	50,610	48,990	42,630	54,600	44,010	to	58,820
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	CTY	16.44	34,190	30,610	20,490	41,040	22,460	to	42,020
35-2011	Cooks, Fast Food	ST OJT	WDA	10.14	21,100	19,170	17,290	23,010	17,360	to	24,780
35-2012	Cooks, Institution & Cafeteria	ST OJT	CTY	12.29	25,570	24,000	19,300	28,700	20,500	to	29,890
35-2013	Cooks, Private Household	PS+	PA	14.17	29,480	24,530	23,150	32,640	22,560	to	39,090
35-2014	Cooks, Restaurant	WK EXP	CTY	10.95	22,780	21,130	17,780	25,280	18,560	to	24,900
35-2015	Cooks, Short Order	ST OJT	WDA	11.43	23,770	22,840	19,070	26,120	20,100	to	26,950
35-2019	Cooks, Other	MT OJT	PA	13.77	28,640	25,560	18,680	33,620	19,880	to	33,580
35-2021	Food Preparation Workers	ST OJT	CTY	11.03	22,940	22,210	17,730	25,540	18,930	to	25,640
35-3011	Bartenders	ST OJT	CTY	12.82	26,670	24,000	19,100	30,450	20,490	to	32,100
35-3021	Combined Food Preparation & Serving Workers	ST OJT	CTY	9.62	20,020	18,950	17,520	21,270	17,370	to	21,240

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35-3022	Counter Attendants, Cafeteria, Food Concession & Coffee Shop	ST OJT	CTY	9.54	19,840	19,040	17,770	20,880	17,540	to	20,920
35-3031	Waiters & Waitresses	ST OJT	CTY	10.33	21,490	19,780	17,450	23,500	17,700	to	24,570
35-3041	Food Servers, Nonrestaurant	ST OJT	WDA	11.25	23,400	22,630	19,490	25,360	20,220	to	25,520
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	ST OJT	CTY	9.56	19,880	19,350	17,700	20,970	17,630	to	22,230
35-9021	Dishwashers	ST OJT	CTY	9.84	20,460	20,260	17,600	21,890	18,050	to	23,030
35-9031	Hosts & Hostesses: Restaurant, Lounge & Coffee Shop	ST OJT	CTY	9.33	19,410	18,910	17,320	20,460	17,290	to	21,210
35-9099	Food Preparation & Serving Related Workers, Other	ST OJT	WDA	13.58	28,250	25,470	22,640	31,050	22,690	to	32,610
37-0000	Building & Grounds Cleaning & Maintenance Occupations	#	СТҮ	13.41	27,880	24,830	20,190	31,730	21,250	to	32,820
37-1011	Supervisors - Housekeeping & Janitorial Workers	WK EXP	CTY	20.60	42,860	42,350	30,020	49,270	34,100	to	50,620
37-1012	Supervisors - Landscaping & Groundskeeping Workers	WK EXP	CTY	23.96	49,850	44,500	32,900	58,320	34,730	to	68,800
37-2011	Janitors & Cleaners	ST OJT	CTY	12.88	26,800	24,500	20,300	30,040	21,270	to	31,150
37-2012	Maids & Housekeeping Cleaners	ST OJT	CTY	10.42	21,670	20,950	17,800	23,610	18,470	to	24,400
37-2021	Pest Control Workers	MT OJT	CTY	19.65	40,870	44,200	27,880	47,360	32,170	to	48,900
37-3011	Landscaping & Groundskeeping Workers	ST OJT	CTY	14.07	29,270	26,720	21,340	33,230	22,260	to	35,420
37-3012	Pesticide Handlers, Sprayers & Applicators, Vegetation	MT OJT	PA	18.02	37,480	35,900	28,980	41,740	30,360	to	43,870
37-3013	Tree Trimmers & Pruners	ST OJT	WDA	20.15	41,920	39,520	31,660	47,050	34,430	to	49,810

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37-3019	Grounds Maintenance Workers, Other	ST OJT	PA	27.61	57,430	64,790	43,720	64,290	46,370	to	64,800
39-0000	Personal Care & Service Occupations	#	CTY	11.71	24,360	22,160	17,380	27,850	18,550	to	27,270
39-1010	Supervisors - Gaming Workers	WK EXP	PA	25.10	52,210	54,740	30,580	63,020	39,350	to	64,590
39-1021	Supervisors - Personal Service Workers	WK EXP	CTY	17.02	35,410	29,730	21,070	42,580	23,510	to	45,740
39-2011	Animal Trainers	MT OJT	WDA	16.74	34,820	28,070	22,750	40,860	24,310	to	38,320
39-2021	Nonfarm Animal Caretakers	ST OJT	CTY	11.29	23,480	20,530	17,820	26,310	18,370	to	25,160
39-3011	Gaming Dealers	ST OJT	PA	10.05	20,910	18,600	17,500	22,620	17,190	to	20,260
39-3012	Gaming & Sports Book Writers & Runners	ST OJT	PA	11.43	23,760	22,940	19,890	25,700	20,750	to	25,070
39-3019	Gaming Service Workers, Other	ST OJT	PA	15.95	33,180	32,330	26,710	36,410	28,060	to	38,370
39-3021	Motion Picture Projectionists	ST OJT	PA	9.76	20,310	18,830	17,700	21,610	17,350	to	20,270
39-3031	Ushers, Lobby Attendants & Ticket Takers	ST OJT	WDA	9.67	20,120	18,650	17,440	21,470	17,160	to	21,380
39-3091	Amusement & Recreation Attendants	ST OJT	CTY	9.89	20,570	18,530	17,550	22,080	17,200	to	20,050
39-3092	Costume Attendants	ST OJT	WDA	23.46	48,810	38,040	32,260	57,080	33,430	to	46,290
39-3093	Locker Room, Coatroom & Dressing Room Attendants	ST OJT	WDA	9.20	19,140	18,010	17,130	20,150	16,730	to	19,340
39-3099	Entertainment Attendants & Related Workers, Other	ST OJT	PA	10.16	21,130	20,650	18,290	22,540	18,550	to	23,820
39-4021	Funeral Attendants	ST OJT	CTY	14.41	29,970	29,810	22,610	33,650	25,400	to	36,020

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39-4031	Morticians, Undertakers & Funeral Directors	AD+	CTY	33.03	68,710	72,070	33,010	86,560	39,580	to	93,580
39-5011	Barbers	PS	WDA	14.06	29,250	23,840	17,780	34,990	19,100	to	34,580
39-5012	Hairdressers, Hairstylists & Cosmetologists	PS	CTY	12.91	26,850	26,340	18,970	30,790	20,440	to	30,800
39-5091	Makeup Artists, Theatrical & Performance	PS	PA	32.49	67,570	50,190	27,080	87,810	31,260	to	80,500
39-5092	Manicurists & Pedicurists	PS	WDA	11.54	24,000	23,120	18,910	26,550	20,180	to	26,090
39-5093	Shampooers	ST OJT	PA	9.44	19,630	19,150	17,400	20,750	17,420	to	21,930
39-5094	Skincare Specialists	PS	WDA	14.69	30,560	27,150	20,530	35,580	22,510	to	37,780
39-6011	Baggage Porters & Bellhops	ST OJT	WDA	10.93	22,740	20,610	17,440	25,390	17,950	to	24,710
39-6012	Concierges	MT OJT	WDA	15.19	31,600	30,100	22,270	36,260	24,680	to	37,830
39-7010	Tour & Travel Guides	MT OJT	WDA	12.25	25,490	23,740	18,360	29,050	19,650	to	29,360
39-9011	Childcare Workers	ST OJT	CTY	8.73	18,170	17,800	16,940	18,780	16,490	to	19,110
39-9021	Personal Care Aides	ST OJT	CTY	11.53	23,980	23,430	21,190	25,370	21,340	to	26,210
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	CTY	11.56	24,040	18,360	16,980	27,570	16,840	to	24,690
39-9032	Recreation Workers	ST OJT	CTY	11.93	24,800	23,020	17,320	28,550	18,280	to	31,650
39-9041	Residential Advisors	ST OJT	CTY	11.39	23,700	21,570	20,500	25,300	21,550	to	26,550
39-9099	Personal Care & Service Workers, Other	ST OJT	WDA	15.20	31,610	29,170	27,740	33,540	27,110	to	31,240

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41-0000	Sales & Related Occupations	#	CTY	16.82	34,990	24,660	18,230	43,370	19,450	to	43,590
41-1011	Supervisors - Retail Sales Workers	WK EXP	CTY	21.46	44,630	38,820	26,660	53,610	29,880	to	54,350
41-1012	Supervisors - Non-Retail Sales Workers	WK EXP	CTY	50.17	104,350	77,180	54,000	129,520	58,330	to	175,010
41-2011	Cashiers	ST OJT	CTY	10.01	20,820	20,080	17,430	22,510	17,830	to	23,190
41-2012	Gaming Change Persons & Booth Cashiers	ST OJT	PA	13.60	28,290	27,290	20,030	32,420	21,750	to	34,470
41-2021	Counter & Rental Clerks	ST OJT	CTY	15.30	31,830	28,780	19,100	38,190	20,210	to	42,690
41-2022	Parts Salespersons	MT OJT	CTY	18.49	38,470	38,440	28,360	43,520	32,350	to	45,970
41-2031	Retail Salespersons	ST OJT	CTY	13.88	28,880	23,420	17,660	34,480	18,920	to	31,840
41-3011	Advertising Sales Agents	MT OJT	CTY	21.33	44,370	38,240	28,620	52,240	33,450	to	51,410
41-3021	Insurance Sales Agents	MT OJT	CTY	25.62	53,290	48,050	37,840	61,010	41,500	to	56,970
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	CTY	37.12	77,220	53,230	35,260	98,200	37,470	to	76,270
41-3041	Travel Agents	MT OJT	WDA	17.09	35,560	33,990	25,320	40,680	27,770	to	40,550
41-3099	Sales Representatives, Other Services	MT OJT	CTY	35.86	74,580	60,920	35,300	94,220	38,870	to	87,440
41-4011	Sales Representatives, Technical & Scientific Products	BD+	CTY	31.81	66,170	59,970	43,890	77,310	48,860	to	77,250
41-4012	Sales Representatives	MT OJT	CTY	27.67	57,560	55,890	38,550	67,060	45,030	to	70,350
41-9011	Demonstrators & Product Promoters	ST OJT	WDA	13.41	27,890	23,660	18,390	32,640	19,540	to	32,220

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MAY 2018

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 Ran al Wa	nge ige (\$)
41-9012	Models	ST OJT	PA	18.79	39,090	38,190	35,750	40,750	35,020	to	43,190
41-9021	Real Estate Brokers	WK EXP	WDA	39.76	82,700	87,290	48,590	99,750	61,060	to	99,250
41-9022	Real Estate Sales Agents	MT OJT	CTY	28.23	58,720	58,640	47,880	64,130	53,170	to	62,780
41-9031	Sales Engineers	BD+	CTY	41.90	87,140	89,690	63,650	98,890	74,720	to	100,180
41-9041	Telemarketers	ST OJT	WDA	12.16	25,300	22,330	17,420	29,240	18,380	to	30,770
41-9091	Door-to-Door Sales Workers, News & Street Vendors & Related Workers	ST OJT	PA	11.96	24,870	23,460	22,370	26,120	21,680	to	25,240
41-9099	Sales & Related Workers, Other	ST OJT	CTY	20.44	42,510	42,220	22,610	52,460	23,890	to	58,220
43-0000	Office & Administrative Support Occupations	#	CTY	17.27	35,910	33,940	23,320	42,210	26,120	to	43,280
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	CTY	25.65	53,350	52,030	38,080	60,980	42,790	to	63,050
43-2011	Switchboard Operators	ST OJT	WDA	13.30	27,670	27,610	20,440	31,280	22,460	to	32,410
43-2021	Telephone Operators	ST OJT	PA	18.77	39,040	37,380	27,460	44,820	30,120	to	47,100
43-2099	Communications Equipment Operators, Other	ST OJT	PA	23.39	48,650	46,370	34,030	55,960	37,840	to	59,330
43-3011	Bill & Account Collectors	MT OJT	CTY	17.69	36,790	36,470	29,980	40,200	31,600	to	42,090
43-3021	Billing & Posting Clerks	MT OJT	CTY	16.84	35,020	34,760	28,370	38,340	29,910	to	39,100
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	CTY	19.02	39,570	37,110	25,290	46,710	29,780	to	46,320
43-3041	Gaming Cage Workers	ST OJT	PA	14.05	29,220	28,880	23,680	31,980	25,710	to	32,000

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MAY 2018

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43-3051	Payroll & Timekeeping Clerks	MT OJT	CTY	21.44	44,600	45,160	33,570	50,120	37,440	to	52,030
43-3061	Procurement Clerks	MT OJT	CTY	23.50	48,880	49,030	40,740	52,960	43,660	to	54,850
43-3071	Tellers	ST OJT	CTY	13.86	28,820	28,700	24,010	31,230	25,300	to	32,230
43-3099	Financial Clerks, Other	ST OJT	WDA	21.73	45,210	43,770	38,720	48,450	41,190	to	48,750
43-4011	Brokerage Clerks	MT OJT	WDA	25.08	52,160	49,790	36,770	59,860	40,020	to	63,390
43-4021	Correspondence Clerks	ST OJT	PA	19.95	41,490	40,710	30,330	47,080	33,010	to	49,090
43-4031	Court, Municipal & License Clerks	MT OJT	WDA	19.49	40,550	37,700	25,250	48,190	28,330	to	49,910
43-4041	Credit Authorizers, Checkers & Clerks	MT OJT	WDA	19.06	39,650	40,060	28,190	45,380	31,720	to	47,830
43-4051	Customer Service Representatives	ST OJT	CTY	16.07	33,410	31,870	24,380	37,930	26,410	to	39,560
43-4061	Eligibility Interviewers, Government Programs	MT OJT	WDA	23.21	48,290	46,630	40,580	52,140	44,660	to	52,610
43-4071	File Clerks	ST OJT	CTY	14.61	30,380	29,510	23,300	33,920	26,110	to	34,820
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	CTY	10.09	20,990	21,040	17,590	22,690	18,340	to	23,720
43-4111	Interviewers	ST OJT	CTY	18.43	38,340	38,140	29,380	42,820	31,150	to	45,730
43-4121	Library Assistants, Clerical	ST OJT	CTY	10.67	22,180	21,750	17,270	24,640	18,330	to	24,620
43-4131	Loan Interviewers & Clerks	ST OJT	CTY	19.68	40,940	39,530	36,190	43,310	35,890	to	45,750
43-4141	New Accounts Clerks	MT OJT	WDA	16.30	33,900	34,240	30,400	35,650	31,410	to	37,170

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MAY 2018

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43-4151	Order Clerks	ST OJT	CTY	18.41	38,290	38,600	29,260	42,810	32,700	to	45,130
43-4161	Human Resources Assistants	AD	CTY	19.70	40,990	39,950	35,160	43,900	35,640	to	47,490
43-4171	Receptionists & Information Clerks	ST OJT	CTY	13.28	27,620	26,720	20,650	31,110	22,200	to	31,330
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	ST OJT	WDA	19.10	39,730	36,270	24,870	47,160	28,790	to	54,710
43-4199	Information & Record Clerks, Other	ST OJT	CTY	23.13	48,110	49,130	36,920	53,710	41,360	to	56,690
43-5011	Cargo & Freight Agents	ST OJT	CTY	23.88	49,670	48,180	40,040	54,490	42,150	to	57,120
43-5021	Couriers & Messengers	ST OJT	CTY	11.38	23,660	23,200	22,540	24,220	21,540	to	24,870
43-5031	Police, Fire & Ambulance Dispatchers	MT OJT	CTY	18.90	39,320	38,870	34,820	41,570	35,000	to	43,160
43-5032	Dispatchers	MT OJT	CTY	24.35	50,660	48,380	33,640	59,170	38,240	to	65,090
43-5041	Meter Readers, Utilities	ST OJT	WDA	25.51	53,070	56,190	34,720	62,240	41,910	to	63,980
43-5051	Postal Service Clerks	ST OJT	CTY	23.04	47,910	46,070	35,640	54,050	35,770	to	60,100
43-5052	Postal Service Mail Carriers	ST OJT	CTY	24.96	51,930	54,620	36,800	59,490	37,000	to	62,500
43-5053	Postal Service Mail Sorters, Processors & Processing Machine Operators	ST OJT	WDA	23.83	49,560	58,110	36,080	56,300	36,730	to	60,090
43-5061	Production, Planning & Expediting Clerks	MT OJT	CTY	22.52	46,840	45,420	32,690	53,920	36,680	to	55,470
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	CTY	17.26	35,900	35,780	26,360	40,670	29,210	to	43,560
43-5081	Stock Clerks & Order Fillers	ST OJT	CTY	14.46	30,080	25,520	20,260	34,990	21,410	to	35,540

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MAY 2018

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43-5111	Weighers, Measurers, Checkers & Samplers, Recordkeeping	ST OJT	WDA	14.14	29,410	28,660	19,120	34,560	20,500	to	36,780
43-6011	Executive Secretaries & Executive Administrative Assistants	WK EXP	CTY	26.87	55,890	53,430	35,020	66,330	39,580	to	67,430
43-6012	Legal Secretaries	MT OJT	CTY	19.91	41,420	43,840	32,000	46,130	35,300	to	48,380
43-6013	Medical Secretaries	MT OJT	CTY	16.12	33,520	32,700	27,230	36,670	28,260	to	38,430
43-6014	Secretaries	ST OJT	CTY	15.89	33,060	31,970	22,210	38,480	25,020	to	40,660
43-9011	Computer Operators	MT OJT	WDA	21.54	44,810	46,130	29,510	52,460	34,440	to	55,970
43-9021	Data Entry Keyers	ST OJT	CTY	16.06	33,400	32,400	25,920	37,130	28,340	to	38,570
43-9022	Word Processors & Typists	ST OJT	CTY	17.30	35,980	35,040	30,430	38,750	31,740	to	39,520
43-9031	Desktop Publishers	AD	WDA	19.34	40,230	35,060	22,970	48,860	24,880	to	47,750
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	WDA	20.75	43,160	40,920	31,590	48,950	33,990	to	49,870
43-9051	Mail Clerks & Mail Machine Operators	ST OJT	CTY	12.49	25,980	23,860	20,170	28,890	20,770	to	28,690
43-9061	Office Clerks, General	ST OJT	CTY	15.87	33,010	31,830	21,730	38,650	24,370	to	39,800
43-9071	Office Machine Operators	ST OJT	CTY	17.55	36,510	36,380	35,010	37,260	33,930	to	38,820
43-9081	Proofreaders & Copy Markers	BD	WDA	17.24	35,850	33,740	24,900	41,330	27,950	to	43,400
43-9111	Statistical Assistants	BD	WDA	21.50	44,730	44,320	37,220	48,480	39,400	to	49,850
43-9199	Office & Administrative Support Workers, Other	ST OJT	CTY	19.11	39,740	43,300	22,140	48,540	23,880	to	50,320

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MAY 2018

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45-0000	Farming, Fishing & Forestry Occupations	#	CTY	14.98	31,160	29,280	20,690	36,400	22,570	to	37,380
45-1011	Farm & Forestry Worker Supervisors	WK EXP	WDA	26.85	55,840	55,680	35,100	66,220	42,150	to	67,410
45-2011	Agricultural Inspectors	BD	WDA	25.06	52,140	52,640	39,290	58,560	43,020	to	61,860
45-2041	Graders & Sorters, Agricultural Products	ST OJT	WDA	12.44	25,880	25,410	22,510	27,560	22,970	to	28,320
45-2091	Agricultural Equipment Operators	MT OJT	WDA	16.47	34,260	35,920	29,050	36,860	33,150	to	38,690
45-2092	Farmworkers & Laborers, Crop, Nursery & Greenhouse	ST OJT	WDA	13.11	27,280	23,410	18,170	31,830	19,430	to	30,190
45-2093	Farmworkers, Farm, Ranch & Aquacultural Animals	ST OJT	WDA	12.93	26,890	25,380	18,630	31,020	19,840	to	31,590
45-2099	Agricultural Workers, Other	ST OJT	PA	25.03	52,070	40,380	27,650	64,280	32,360	to	63,570
45-4011	Forest & Conservation Workers	MT OJT	PA	24.99	51,970	50,070	43,600	56,160	44,830	to	59,750
45-4021	Fallers	MT OJT	PA	15.95	33,170	34,400	24,950	37,280	27,060	to	38,510
45-4022	Logging Equipment Operators	MT OJT	WDA	19.49	40,530	37,040	27,140	47,220	29,860	to	54,320
45-4023	Log Graders & Scalers	MT OJT	PA	17.63	36,670	35,400	26,640	41,680	28,960	to	43,480
47-0000	Construction & Extraction Occupations	#	CTY	20.65	42,960	40,430	29,020	49,930	32,560	to	52,190
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	CTY	26.42	54,950	55,430	36,550	64,140	39,860	to	68,760
47-2011	Boilermakers	LT OJT	PA	37.69	78,380	82,700	59,990	87,580	66,480	to	93,100
47-2021	Brickmasons & Blockmasons	LT OJT	CTY	19.65	40,860	40,110	36,990	42,800	36,790	to	44,560

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47-2022	Stonemasons	LT OJT	WDA	17.65	36,720	31,330	27,640	41,260	28,080	to	37,970
47-2031	Carpenters	LT OJT	CTY	19.54	40,650	39,200	29,810	46,070	33,200	to	48,570
47-2041	Carpet Installers	ST OJT	WDA	19.06	39,660	37,110	21,030	48,970	25,270	to	52,230
47-2042	Floor Layers	MT OJT	PA	22.36	46,510	43,870	34,080	52,720	37,540	to	49,620
47-2043	Floor Sanders & Finishers	MT OJT	PA	17.96	37,350	36,070	30,740	40,660	32,290	to	39,930
47-2044	Tile & Marble Setters	LT OJT	WDA	19.61	40,790	38,590	34,890	43,740	34,890	to	46,300
47-2051	Cement Masons & Concrete Finishers	MT OJT	CTY	18.35	38,160	35,360	30,950	41,770	31,970	to	38,720
47-2053	Terrazzo Workers & Finishers	LT OJT	PA	23.77	49,440	50,340	36,990	55,670	42,270	to	57,780
47-2061	Construction Laborers	ST OJT	CTY	16.16	33,610	32,150	24,130	38,350	26,350	to	40,090
47-2071	Paving, Surfacing & Tamping Equipment Operators	MT OJT	WDA	18.85	39,220	37,560	29,660	44,000	31,810	to	44,640
47-2072	Pile-Driver Operators	MT OJT	PA	34.79	72,370	75,170	47,510	84,810	52,080	to	85,970
47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	CTY	20.14	41,890	40,020	32,020	46,820	36,320	to	48,740
47-2081	Drywall & Ceiling Tile Installers	MT OJT	WDA	22.86	47,550	47,710	36,320	53,170	40,270	to	55,950
47-2082	Tapers	MT OJT	WDA	30.46	63,370	54,470	39,700	75,200	43,530	to	85,130
47-2111	Electricians	LT OJT	CTY	26.98	56,120	57,470	34,900	66,720	41,830	to	65,240
47-2121	Glaziers	LT OJT	WDA	23.85	49,610	48,250	39,280	54,770	42,140	to	57,890

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47-2131	Insulation Workers, Floor, Ceiling & Wall	ST OJT	WDA	17.97	37,390	36,860	28,060	42,050	30,110	to	45,230
47-2132	Insulation Workers, Mechanical	LT OJT	WDA	38.10	79,250	76,890	54,500	91,620	61,080	to	94,160
47-2141	Painters, Construction & Maintenance	MT OJT	CTY	23.62	49,130	52,710	36,600	55,390	47,040	to	56,480
47-2142	Paperhangers	LT OJT	WDA	16.72	34,790	34,560	25,770	39,300	30,500	to	38,610
47-2151	Pipelayers	ST OJT	WDA	20.13	41,870	38,690	32,110	46,750	34,540	to	47,150
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	CTY	21.97	45,690	45,960	35,860	50,610	39,640	to	54,090
47-2161	Plasterers & Stucco Masons	LT OJT	WDA	21.37	44,460	45,420	41,770	45,800	42,100	to	48,730
47-2171	Reinforcing Iron & Rebar Workers	LT OJT	WDA	32.25	67,080	62,320	52,300	74,460	55,030	to	81,530
47-2181	Roofers	MT OJT	CTY	22.23	46,230	46,840	31,260	53,710	33,970	to	55,970
47-2211	Sheet Metal Workers	LT OJT	CTY	19.08	39,690	35,600	29,220	44,920	30,820	to	52,180
47-2221	Structural Iron & Steel Workers	LT OJT	WDA	27.22	56,610	54,720	38,200	65,820	42,350	to	69,700
47-3011	HelpersBrick, Block & Stonemasons & Tile & Marble Setters	ST OJT	WDA	18.48	38,430	31,870	26,500	44,400	27,870	to	41,870
47-3012	HelpersCarpenters	ST OJT	CTY	17.03	35,420	35,080	29,200	38,530	30,890	to	39,350
47-3013	HelpersElectricians	ST OJT	CTY	11.67	24,280	24,190	20,880	25,980	21,280	to	27,640
47-3014	HelpersPainters, Paperhangers, Plasterers & Stucco Masons	ST OJT	PA	14.88	30,960	28,350	19,230	36,820	20,670	to	43,370
47-3015	HelpersPipelayers, Plumbers, Pipefitters & Steamfitters	ST OJT	WDA	17.11	35,590	32,680	25,590	40,590	27,290	to	44,970

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47-3016	HelpersRoofers	ST OJT	WDA	14.81	30,810	30,290	27,470	32,490	27,650	to	34,150
47-3019	Helpers, Construction Trades, Other	ST OJT	WDA	17.08	35,520	34,730	25,210	40,670	30,170	to	40,950
47-4011	Construction & Building Inspectors	WK EXP	CTY	27.78	57,790	57,380	48,380	62,500	52,110	to	62,660
47-4021	Elevator Installers & Repairers	LT OJT	WDA	39.96	83,120	85,760	51,470	98,940	57,530	to	100,500
47-4031	Fence Erectors	MT OJT	PA	19.74	41,060	37,900	30,160	46,520	33,010	to	47,490
47-4041	Hazardous Materials Removal Workers	MT OJT	CTY	21.23	44,150	47,050	32,850	49,810	36,990	to	51,820
47-4051	Highway Maintenance Workers	MT OJT	CTY	20.76	43,180	43,910	33,210	48,160	36,690	to	49,880
47-4061	Rail-Track Laying & Maintenance Equipment Operators	MT OJT	PA	27.65	57,510	57,880	43,960	64,280	49,710	to	65,010
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	MT OJT	CTY	23.60	49,090	47,830	44,970	51,150	43,840	to	54,510
47-4090	Miscellaneous Construction & Related Workers	MT OJT	WDA	20.12	41,850	41,740	31,080	47,230	32,700	to	48,580
47-5011	Derrick Operators, Oil & Gas	ST OJT	PA	24.30	50,540	47,610	36,820	57,400	39,380	to	60,170
47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	PA	25.98	54,040	53,310	34,880	63,620	39,590	to	63,140
47-5013	Service Unit Operators, Oil, Gas & Mining	MT OJT	PA	21.38	44,470	42,400	29,820	51,800	32,170	to	54,120
47-5021	Earth Drillers	MT OJT	WDA	22.25	46,270	43,980	34,750	52,030	36,880	to	52,050
47-5031	Explosives Workers, Ordnance Handling Experts & Blasters	WK EXP	WDA	30.11	62,630	60,320	47,220	70,330	50,480	to	74,010
47-5041	Continuous Mining Machine Operators	MT OJT	PA	21.88	45,500	45,360	33,890	51,310	39,280	to	52,900

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

MAY 2018

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 Ran al Wa	nge ige (\$)
47-5042	Mine Cutting & Channeling Machine Operators	MT OJT	PA	29.25	60,830	63,340	44,920	68,780	53,160	to	73,240
47-5049	Mining Machine Operators, Other	MT OJT	PA	28.03	58,300	58,690	55,090	59,900	54,720	to	62,650
47-5051	Rock Splitters, Quarry	ST OJT	PA	17.20	35,770	35,660	29,500	38,900	31,860	to	39,420
47-5061	Roof Bolters, Mining	MT OJT	PA	32.97	68,570	70,710	58,470	73,630	64,420	to	76,980
47-5071	Roustabouts, Oil & Gas	MT OJT	PA	16.76	34,860	32,420	25,760	39,410	27,820	to	40,500
47-5081	HelpersExtraction Workers	MT OJT	PA	20.31	42,240	43,790	31,160	47,780	33,690	to	49,680
49-0000	Installation, Maintenance & Repair Occupations	#	CTY	22.76	47,340	46,910	32,450	54,780	37,640	to	58,390
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	CTY	33.56	69,810	72,630	52,090	78,660	59,400	to	78,790
49-2011	Computer, Automated Teller & Office Machine Repairers	PS	WDA	20.49	42,610	39,960	26,690	50,570	30,890	to	54,450
49-2021	Radio, Cellular & Tower Equipment Installers & Repairers	AD+	WDA	30.77	64,000	59,390	41,550	75,220	45,610	to	84,840
49-2022	Telecommunications Equipment Installers & Repairers	PS+	CTY	32.94	68,520	69,530	60,710	72,430	63,500	to	75,710
49-2091	Avionics Technicians	AD	PA	31.77	66,090	61,410	51,130	73,570	54,250	to	79,140
49-2092	Electric Motor, Power Tool & Related Repairers	WK EXP	WDA	24.56	51,080	52,940	40,410	56,420	44,550	to	59,050
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment	PS+	WDA	32.41	67,420	60,380	37,930	82,160	43,670	to	105,670
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	PS+	CTY	27.98	58,200	60,010	51,320	61,640	54,620	to	62,200
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation & Relay	PS	WDA	37.70	78,410	78,250	62,570	86,330	67,200	to	92,610

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MAY 2018

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 (•
49-2096	Electronic Equipment Installers & Repairers, Motor Vehicles	MT OJT	PA	18.88	39,260	36,400	25,330	46,230	28,210	to	49,900
49-2097	Electronic Home Entertainment Equipment Installers & Repairers	PS	PA	19.59	40,740	40,760	29,710	46,250	32,990	to	47,660
49-2098	Security & Fire Alarm Systems Installers	MT OJT	WDA	22.41	46,620	45,320	32,180	53,830	35,740	to	56,660
49-3011	Aircraft Mechanics & Service Technicians	PS	WDA	26.55	55,230	55,260	36,080	64,800	48,840	to	66,840
49-3021	Automotive Body & Related Repairers	LT OJT	CTY	20.91	43,490	40,530	28,480	51,000	30,670	to	57,460
49-3022	Automotive Glass Installers & Repairers	MT OJT	PA	18.04	37,520	35,130	26,270	43,140	28,750	to	44,670
49-3023	Automotive Service Technicians & Mechanics	PS	CTY	19.15	39,840	38,520	28,210	45,650	31,450	to	48,000
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	CTY	21.77	45,270	45,370	36,380	49,720	40,570	to	50,170
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	CTY	18.59	38,660	39,450	29,330	43,330	33,070	to	45,210
49-3042	Mobile Heavy Equipment Mechanics	LT OJT	WDA	24.13	50,200	49,480	41,530	54,530	43,740	to	57,510
49-3043	Rail Car Repairers	LT OJT	PA	29.53	61,430	63,390	46,440	68,920	52,930	to	73,070
49-3051	Motorboat Mechanics & Service Technicians	LT OJT	WDA	18.94	39,400	37,870	21,980	48,100	31,210	to	54,890
49-3052	Motorcycle Mechanics	PS	WDA	16.84	35,020	33,930	25,040	40,020	27,040	to	41,310
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	MT OJT	CTY	18.17	37,780	36,110	34,640	39,360	33,530	to	38,690
49-3091	Bicycle Repairers	MT OJT	WDA	11.75	24,430	23,590	16,950	28,170	17,590	to	31,830
49-3092	Recreational Vehicle Service Technicians	LT OJT	WDA	19.73	41,030	38,940	34,940	44,070	35,060	to	46,590

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MAY 2018

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49-3093	Tire Repairers & Changers	ST OJT	WDA	14.57	30,300	29,720	23,490	33,710	24,920	to	35,200
49-9011	Mechanical Door Repairers	MT OJT	WDA	18.97	39,450	40,280	29,390	44,480	32,940	to	46,720
49-9012	Control & Valve Installers & Repairers	MT OJT	WDA	26.36	54,830	54,230	40,060	62,220	44,380	to	66,360
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	CTY	22.13	46,020	48,260	31,910	53,080	37,090	to	56,490
49-9031	Home Appliance Repairers	MT OJT	WDA	23.75	49,400	52,420	34,520	56,840	41,990	to	58,820
49-9041	Industrial Machinery Mechanics	LT OJT	CTY	24.66	51,280	53,380	36,320	58,770	40,050	to	60,300
49-9043	Maintenance Workers, Machinery	LT OJT	CTY	18.60	38,690	39,830	26,820	44,630	30,030	to	46,890
49-9044	Millwrights	LT OJT	WDA	25.80	53,650	51,860	39,470	60,750	42,800	to	61,310
49-9045	Refractory Materials Repairers	MT OJT	PA	19.97	41,530	40,840	25,730	49,430	28,340	to	51,730
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	WDA	45.31	94,240	93,710	75,780	103,470	82,500	to	108,600
49-9052	Telecommunications Line Installers & Repairers	LT OJT	WDA	25.63	53,310	50,330	38,740	60,590	41,540	to	63,820
49-9061	Camera & Photographic Equipment Repairers	LT OJT	PA	18.63	38,740	38,700	23,460	46,380	28,290	to	47,900
49-9062	Medical Equipment Repairers	AD	WDA	19.91	41,420	36,600	28,820	47,720	30,760	to	48,830
49-9063	Musical Instrument Repairers & Tuners	LT OJT	WDA	18.25	37,950	40,290	28,270	42,790	31,310	to	45,370
49-9069	Precision Instrument & Equipment Repairers, Other	LT OJT	WDA	27.21	56,600	58,390	49,540	60,120	52,490	to	62,090
49-9071	Maintenance & Repair Workers, General	MT OJT	CTY	19.84	41,260	42,450	28,320	47,730	32,520	to	49,490

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MAY 2018

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49-9081	Wind Turbine Service Technicians	PS+	PA	28.78	59,860	58,690	42,950	68,310	46,700	to	71,010
49-9091	Coin, Vending & Amusement Machine Servicers & Repairers	ST OJT	WDA	16.70	34,740	35,390	18,770	42,720	18,870	to	44,600
49-9094	Locksmiths & Safe Repairers	LT OJT	WDA	20.23	42,090	40,670	35,010	45,630	36,130	to	47,400
49-9095	Manufactured Building & Mobile Home Installers	ST OJT	PA	13.68	28,460	25,140	22,350	31,510	22,270	to	31,390
49-9096	Riggers	MT OJT	WDA	20.60	42,840	40,230	32,990	47,770	34,710	to	50,690
49-9097	Signal & Track Switch Repairers	MT OJT	PA	33.55	69,770	70,650	55,770	76,770	62,320	to	77,860
49-9098	HelpersInstallation, Maintenance & Repair Workers	ST OJT	CTY	16.63	34,580	33,010	22,730	40,500	23,130	to	39,720
49-9099	Installation, Maintenance & Repair Workers, Other	MT OJT	CTY	20.51	42,660	39,960	28,680	49,650	30,450	to	56,900
51-0000	Production Occupations	#	CTY	19.38	40,310	38,560	27,570	46,680	31,350	to	48,290
51-1011	Supervisors - Production & Operating Workers	WK EXP	CTY	30.82	64,100	62,520	42,600	74,850	48,960	to	76,580
51-2011	Aircraft Structure, Surfaces, Rigging & Systems Assemblers	MT OJT	PA	37.28	77,540	87,840	47,790	92,410	55,760	to	97,300
51-2021	Coil Winders, Tapers & Finishers	MT OJT	WDA	12.27	25,520	23,560	19,570	28,500	20,810	to	26,720
51-2028	Electrical, Electronic & Electromechanical Assemblers, Except Coil Winders, Tapers & Finishers	MT OJT	CTY	15.46	32,160	32,250	25,860	35,310	27,870	to	36,670
51-2031	Engine & Other Machine Assemblers	MT OJT	WDA	22.88	47,600	46,760	40,490	51,150	42,250	to	52,120
51-2041	Structural Metal Fabricators & Fitters	MT OJT	CTY	18.31	38,080	38,050	29,780	42,230	32,810	to	44,590
51-2091	Fiberglass Laminators & Fabricators	MT OJT	PA	29.08	60,490	44,810	32,090	74,690	35,000	to	92,840

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MAY 2018

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51-2093	Timing Device Assemblers & Adjusters	MT OJT	PA	22.73	47,280	47,480	33,310	54,270	35,690	to	57,630
51-2098	Assemblers & Fabricators, All Other, Including Team Assemblers	MT OJT	CTY	17.38	36,150	35,990	24,890	41,770	28,540	to	44,000
51-3011	Bakers	LT OJT	CTY	12.86	26,740	24,930	20,310	29,960	21,380	to	31,620
51-3021	Butchers & Meat Cutters	LT OJT	CTY	15.88	33,030	31,360	22,820	38,130	26,430	to	37,410
51-3022	Meat, Poultry & Fish Cutters & Trimmers	ST OJT	WDA	14.15	29,420	29,060	24,630	31,820	26,050	to	32,760
51-3023	Slaughterers & Meat Packers	ST OJT	WDA	13.57	28,230	28,110	23,710	30,490	25,350	to	30,720
51-3091	Food & Tobacco Roasting, Baking & Drying Machine Operators & Tenders	MT OJT	WDA	16.25	33,790	33,210	24,340	38,520	26,560	to	41,330
51-3092	Food Batchmakers	MT OJT	WDA	15.72	32,700	31,920	21,930	38,080	24,590	to	41,330
51-3093	Food Cooking Machine Operators & Tenders	MT OJT	WDA	17.39	36,170	36,640	24,460	42,020	28,460	to	44,210
51-3099	Food Processing Workers, Other	MT OJT	WDA	12.98	27,000	26,650	21,960	29,530	22,950	to	30,290
51-4011	Computer-Controlled Machine Tool Operators, Metal & Plastic	MT OJT	CTY	19.20	39,940	38,170	33,670	43,080	34,340	to	44,870
51-4012	Computer Numerically Controlled Machine Tool Programmers, Metal & Plastic	PS	WDA	28.92	60,150	58,010	43,650	68,400	47,830	to	70,550
51-4021	Extruding & Drawing Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	WDA	18.42	38,320	36,110	29,080	42,950	30,680	to	45,310
51-4022	Forging Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	PA	20.91	43,490	44,500	31,350	49,560	35,710	to	50,870
51-4023	Rolling Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	WDA	23.21	48,270	50,760	34,210	55,300	37,680	to	59,560
51-4031	Cutting, Punching & Press Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	WDA	17.88	37,200	35,930	28,100	41,750	30,020	to	43,950

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51-4032	Drilling & Boring Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	WDA	22.11	45,990	47,350	36,500	50,740	42,880	to	52,480
51-4033	Grinding, Lapping, Polishing & Buffing Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	CTY	14.25	29,640	28,510	24,860	32,020	26,050	to	30,990
51-4034	Lathe & Turning Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	WDA	20.75	43,150	44,160	30,230	49,610	35,680	to	49,980
51-4035	Milling & Planing Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	WDA	18.21	37,880	40,190	22,380	45,630	25,820	to	48,240
51-4041	Machinists	LT OJT	CTY	20.51	42,650	39,270	32,650	47,660	34,520	to	52,610
51-4051	Metal-Refining Furnace Operators & Tenders	MT OJT	WDA	18.62	38,730	37,030	28,100	44,050	30,580	to	46,470
51-4052	Pourers & Casters, Metal	MT OJT	WDA	20.05	41,710	35,850	27,430	48,850	29,160	to	57,080
51-4061	Model Makers, Metal & Plastic	MT OJT	PA	26.72	55,580	53,270	36,550	65,090	41,060	to	67,640
51-4062	Patternmakers, Metal & Plastic	MT OJT	WDA	21.97	45,700	45,360	36,380	50,360	38,430	to	52,750
51-4071	Foundry Mold & Coremakers	MT OJT	WDA	16.70	34,740	32,140	25,750	39,240	27,390	to	40,870
51-4072	Molding, Coremaking & Casting Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	WDA	15.71	32,690	31,830	23,030	37,510	25,460	to	38,870
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	CTY	17.22	35,820	33,560	27,460	40,000	29,020	to	39,600
51-4111	Tool & Die Makers	PS+	WDA	24.95	51,900	52,840	39,870	57,920	44,380	to	60,330
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	CTY	22.95	47,740	48,530	34,320	54,450	37,790	to	57,670
51-4122	Welding, Soldering & Brazing Machine Setters, Operators & Tenders	MT OJT	WDA	18.05	37,550	38,030	28,490	42,080	31,950	to	44,380
51-4191	Heat Treating Equipment Setters, Operators & Tenders, Metal & Plastic	MT OJT	WDA	22.45	46,690	46,250	34,490	52,790	38,170	to	57,040

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51-4192	Layout Workers, Metal & Plastic	MT OJT	WDA	19.25	40,030	45,500	17,620	51,240	18,820	to	54,860
51-4193	Plating & Coating Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	WDA	17.74	36,890	35,690	27,480	41,600	29,640	to	43,900
51-4194	Tool Grinders, Filers & Sharpeners	MT OJT	WDA	19.27	40,090	39,470	34,220	43,020	35,190	to	45,970
51-4199	Metal Workers & Plastic Workers, Other	MT OJT	WDA	19.53	40,620	38,640	24,140	48,860	27,800	to	53,590
51-5111	Prepress Technician & Workers	PS	WDA	19.43	40,410	39,830	30,790	45,220	33,460	to	47,430
51-5112	Printing Press Operators	MT OJT	CTY	15.88	33,040	31,520	22,770	38,170	24,060	to	40,080
51-5113	Print Binding & Finishing Workers	MT OJT	CTY	15.11	31,420	31,410	26,080	34,090	27,940	to	36,050
51-6011	Laundry & Dry-Cleaning Workers	ST OJT	CTY	14.16	29,460	25,530	21,540	33,420	22,190	to	36,770
51-6021	Pressers: Textile, Garment & Related Materials	ST OJT	WDA	11.27	23,440	22,910	18,810	25,760	19,940	to	26,370
51-6031	Sewing Machine Operators	ST OJT	WDA	12.60	26,210	25,240	20,860	28,880	21,740	to	29,710
51-6041	Shoe & Leather Workers & Repairers	MT OJT	PA	11.02	22,930	21,600	17,830	25,480	18,770	to	25,490
51-6042	Shoe Machine Operators & Tenders	ST OJT	PA	12.04	25,050	22,080	17,780	28,680	18,580	to	29,920
51-6051	Sewers, Hand	MT OJT	PA	13.64	28,370	28,010	20,600	32,260	21,790	to	35,820
51-6052	Tailors, Dressmakers & Custom Sewers	MT OJT	WDA	14.59	30,360	27,530	22,430	34,320	22,820	to	34,300
51-6061	Textile Bleaching & Dyeing Machine Operators & Tenders	ST OJT	PA	14.69	30,560	29,700	21,900	34,880	24,410	to	36,070
51-6062	Textile Cutting Machine Setters, Operators & Tenders	MT OJT	WDA	12.11	25,180	24,860	22,300	26,620	22,300	to	27,860

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51-6063	Textile Knitting & Weaving Machine Setters, Operators & Tenders	ST OJT	PA	15.37	31,970	30,520	23,570	36,180	25,140	to	37,140
51-6064	Textile Winding, Twisting & Drawing Out Machine Setters, Operators & Tenders	MT OJT	PA	15.66	32,580	31,330	23,800	36,970	25,440	to	38,010
51-6091	Extruding & Forming Machine Setters, Operators & Tenders, Synthetic & Glass Fibers	MT OJT	PA	22.14	46,040	46,860	33,140	52,500	37,840	to	55,650
51-6092	Fabric & Apparel Patternmakers	MT OJT	WDA	19.62	40,810	35,260	26,760	47,830	28,990	to	51,760
51-6093	Upholsterers	MT OJT	WDA	13.34	27,750	27,740	21,460	30,900	23,510	to	31,370
51-6099	Textile, Apparel & Furnishings Workers, Other	ST OJT	WDA	14.94	31,070	23,830	22,320	35,440	21,690	to	47,030
51-7011	Cabinetmakers & Bench Carpenters	MT OJT	CTY	16.05	33,380	33,000	25,080	37,540	27,330	to	39,440
51-7021	Furniture Finishers	ST OJT	WDA	16.12	33,530	33,800	22,690	38,960	26,580	to	40,100
51-7032	Patternmakers, Wood	MT OJT	PA	27.00	56,160	57,100	38,260	65,110	42,080	to	70,770
51-7041	Sawing Machine Setters, Operators & Tenders, Wood	MT OJT	CTY	16.56	34,450	33,250	26,900	38,220	28,320	to	38,510
51-7042	Woodworking Machine Setters, Operators & Tenders	MT OJT	CTY	14.59	30,340	29,950	25,730	32,640	26,870	to	34,010
51-7099	Woodworkers, Other	MT OJT	WDA	24.51	50,990	51,130	46,560	53,200	47,500	to	54,290
51-8011	Nuclear Power Reactor Operators	LT OJT	PA	51.38	106,870	107,300	85,580	117,520	92,360	to	123,750
51-8012	Power Distributors & Dispatchers	LT OJT	WDA	39.46	82,080	82,720	70,400	87,920	72,700	to	93,580
51-8013	Power Plant Operators	LT OJT	CTY	31.15	64,800	64,260	49,700	72,350	53,120	to	76,260
51-8021	Stationary Engineers & Boiler Operators	LT OJT	WDA	25.93	53,920	55,110	43,150	59,310	47,050	to	60,850

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51-8031	Water & Wastewater Treatment Plant & System Operators	LT OJT	CTY	24.09	50,100	49,880	41,520	54,390	43,590	to	58,390
51-8091	Chemical Plant & System Operators	MT OJT	PA	30.37	63,170	60,480	49,640	69,940	54,070	to	72,790
51-8092	Gas Plant Operators	LT OJT	WDA	34.76	72,300	73,530	59,850	78,520	66,080	to	80,260
51-8093	Petroleum Pump System Operators, Refinery Operators & Gaugers	MT OJT	WDA	31.70	65,940	52,620	45,130	76,350	47,490	to	72,390
51-8099	Plant & System Operators, Other	MT OJT	WDA	25.96	54,000	56,480	38,710	61,640	50,470	to	60,300
51-9011	Chemical Equipment Operators & Tenders	MT OJT	WDA	21.11	43,910	43,990	35,060	48,330	37,590	to	49,800
51-9012	Separating, Filtering, Clarifying, Precipitating & Still Machine Setters, Operators & Tenders	MT OJT	WDA	20.78	43,210	45,110	26,900	51,370	30,260	to	53,940
51-9021	Crushing, Grinding & Polishing Machine Setters, Operators & Tenders	MT OJT	WDA	20.03	41,670	44,080	30,940	47,030	35,480	to	48,960
51-9022	Grinding & Polishing Workers, Hand	MT OJT	WDA	19.00	39,520	42,120	29,050	44,750	33,670	to	47,090
51-9023	Mixing & Blending Machine Setters, Operators & Tenders	MT OJT	CTY	19.04	39,590	38,570	35,350	41,720	35,140	to	43,710
51-9031	Cutters & Trimmers, Hand	ST OJT	WDA	13.71	28,510	28,290	22,630	31,460	23,660	to	33,240
51-9032	Cutting & Slicing Machine Setters, Operators & Tenders	MT OJT	CTY	15.05	31,310	29,840	22,290	35,830	25,320	to	37,180
51-9041	Extruding, Forming, Pressing & Compacting Machine Setters, Operators & Tenders	MT OJT	WDA	19.06	39,650	39,510	30,280	44,340	32,300	to	47,230
51-9051	Furnace, Kiln, Oven, Drier & Kettle Operators & Tenders	MT OJT	WDA	19.16	39,850	38,160	32,280	43,640	33,310	to	45,830
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	CTY	23.07	47,990	48,720	36,840	53,560	41,020	to	55,900
51-9071	Jewelers & Precious Stone & Metal Workers	LT OJT	WDA	19.80	41,180	41,850	27,470	48,030	30,170	to	49,390

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MAY 2018

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51-9081	Dental Laboratory Technicians	MT OJT	WDA	19.07	39,670	38,410	27,890	45,560	31,100	to	47,600
51-9082	Medical Appliance Technicians	MT OJT	WDA	19.77	41,120	38,620	32,890	45,240	34,310	to	47,410
51-9083	Ophthalmic Laboratory Technicians	MT OJT	WDA	16.69	34,720	35,930	25,660	39,250	32,300	to	39,560
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	WDA	17.59	36,600	36,750	26,350	41,720	29,630	to	44,090
51-9121	Coating, Painting & Spraying Machine Setters, Operators & Tenders	MT OJT	CTY	19.12	39,760	39,740	31,160	44,060	33,710	to	46,380
51-9122	Painters, Transportation Equipment	MT OJT	CTY	21.99	45,740	45,640	43,060	47,080	42,240	to	49,040
51-9123	Painting, Coating & Decorating Workers	MT OJT	WDA	17.56	36,540	35,510	26,030	41,790	31,520	to	40,920
51-9141	Semiconductor Processors	MT OJT	PA	18.68	38,860	36,950	30,070	43,250	32,050	to	45,110
51-9151	Photographic Process Workers & Processing Machine Operators	ST OJT	WDA	13.97	29,060	27,730	19,340	33,920	20,530	to	36,360
51-9191	Adhesive Bonding Machine Operators & Tenders	MT OJT	WDA	15.63	32,510	30,930	25,410	36,060	26,990	to	38,260
51-9192	Cleaning, Washing & Metal Pickling Equipment Operators & Tenders	MT OJT	WDA	16.21	33,720	34,350	22,970	39,090	25,610	to	39,620
51-9193	Cooling & Freezing Equipment Operators & Tenders	MT OJT	WDA	18.31	38,090	36,910	23,880	45,200	27,160	to	50,490
51-9194	Etchers & Engravers	MT OJT	WDA	16.34	33,980	32,680	26,030	37,960	27,600	to	41,020
51-9195	Molders, Shapers & Casters, Except Metal & Plastic	LT OJT	CTY	15.81	32,890	33,890	21,330	38,670	25,330	to	40,550
51-9196	Paper Goods Machine Setters, Operators & Tenders	MT OJT	WDA	20.68	43,020	43,340	33,510	47,770	37,030	to	49,330
51-9197	Tire Builders	MT OJT	PA	16.54	34,390	33,400	27,020	38,080	28,860	to	37,870

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MAY 2018

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51-9198	HelpersProduction Workers	ST OJT	CTY	15.36	31,950	32,800	23,290	36,270	25,650	to	37,460
51-9199	Production Workers, Other	MT OJT	CTY	19.41	40,370	33,780	27,130	47,000	28,510	to	52,720
53-0000	Transportation & Material Moving Occupations	#	CTY	17.91	37,250	36,520	24,400	43,670	28,070	to	45,290
53-1011	Aircraft Cargo Handling Supervisors	WK EXP	WDA	27.64	57,490	47,790	36,930	67,770	39,530	to	77,870
53-1048	Supervisors - Transportation & Material Moving Workers, Except Aircraft Cargo Handling	WK EXP	CTY	29.36	61,070	58,230	45,760	68,730	49,880	to	70,410
53-2011	Airline Pilots, Copilots & Flight Engineers	BD+	WDA	*	104,090	104,860	84,540	113,870	87,850	to	121,250
53-2012	Commercial Pilots	MT OJT	WDA	*	83,650	71,990	63,980	93,480	67,480	to	93,420
53-2021	Air Traffic Controllers	AD+	PA	55.31	115,040	109,900	69,280	137,920	79,110	to	149,890
53-2022	Airfield Operations Specialists	LT OJT	WDA	17.93	37,300	27,380	23,170	44,370	23,700	to	35,070
53-2031	Flight Attendants	WK EXP	PA	*	68,410	64,350	43,540	80,850	49,810	to	81,180
53-3011	Ambulance Drivers & Attendants	MT OJT	WDA	11.43	23,780	23,690	19,920	25,710	20,860	to	27,120
53-3021	Bus Drivers, Transit & Intercity	MT OJT	WDA	21.15	43,990	41,940	28,630	51,670	31,110	to	58,020
53-3022	Bus Drivers, School or Special Client	ST OJT	CTY	13.82	28,750	29,950	20,550	32,850	24,480	to	34,330
53-3031	Driver/Sales Workers	ST OJT	CTY	8.70	18,100	18,230	17,670	18,310	17,080	to	19,370
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	CTY	20.92	43,520	39,940	33,680	48,440	35,440	to	49,760
53-3033	Light Truck or Delivery Services Drivers	ST OJT	CTY	15.46	32,150	23,850	18,190	39,130	19,380	to	35,210

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53-3041	Taxi Drivers & Chauffeurs	ST OJT	CTY	13.54	28,170	28,220	22,810	30,850	24,720	to	31,080
53-3099	Motor Vehicle Operators, Other	ST OJT	CTY	23.69	49,280	52,690	39,800	54,020	48,740	to	54,630
53-4011	Locomotive Engineers	WK EXP	PA	34.56	71,890	69,910	53,080	81,290	58,560	to	82,770
53-4013	Rail Yard Engineers, Dinkey Operators & Hostlers	MT OJT	PA	24.35	50,650	49,320	39,120	56,420	42,730	to	58,390
53-4021	Railroad Brake, Signal & Switch Operators	MT OJT	PA	26.96	56,080	52,900	39,100	64,570	44,710	to	64,090
53-4031	Railroad Conductors & Yardmasters	MT OJT	PA	31.79	66,110	63,240	48,430	74,960	52,550	to	78,580
53-5011	Sailors & Marine Oilers	MT OJT	PA	18.73	38,960	37,220	26,350	45,270	29,120	to	45,300
53-5021	Captains, Mates & Pilots of Water Vessels	PS+	PA	35.95	74,780	78,490	39,200	92,570	50,020	to	97,690
53-5022	Motorboat Operators	PS+	PA	27.88	57,980	57,580	37,130	68,410	39,630	to	65,750
53-5031	Ship Engineers	PS+	PA	39.38	81,900	76,860	53,980	95,870	64,770	to	95,680
53-6011	Bridge & Lock Tenders	ST OJT	PA	25.97	54,010	55,190	48,040	57,000	50,330	to	59,360
53-6021	Parking Lot Attendants	ST OJT	WDA	10.63	22,120	20,920	17,340	24,500	18,150	to	24,680
53-6031	Automotive & Watercraft Service Attendants	ST OJT	WDA	12.02	25,000	23,820	20,270	27,360	21,170	to	26,920
53-6041	Traffic Technicians	MT OJT	WDA	20.27	42,170	41,090	36,150	45,180	38,080	to	46,810
53-6051	Transportation Inspectors	MT OJT	WDA	40.38	84,000	80,330	51,910	100,040	56,740	to	112,020
53-6061	Transportation Attendants	ST OJT	PA	12.88	26,790	26,300	20,650	29,860	22,020	to	30,530

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53-6099	Transportation Workers, Other	ST OJT	PA	22.94	47,710	54,020	27,970	57,580	34,180	to	60,860
53-7011	Conveyor Operators & Tenders	ST OJT	WDA	16.78	34,910	35,880	29,410	37,660	30,990	to	39,140
53-7021	Crane & Tower Operators	WK EXP	CTY	24.02	49,950	52,120	35,630	57,110	38,730	to	60,310
53-7031	Dredge Operators	MT OJT	PA	20.18	41,980	41,940	35,820	45,060	36,890	to	47,360
53-7032	Excavating & Loading Machine & Dragline Operators	WK EXP	WDA	19.47	40,490	37,050	29,450	46,010	30,890	to	41,540
53-7033	Loading Machine Operators, Underground Mining	ST OJT	PA	28.86	60,020	60,730	54,550	62,760	56,480	to	65,150
53-7041	Hoist & Winch Operators	ST OJT	PA	21.81	45,360	39,760	32,120	51,980	34,010	to	48,540
53-7051	Industrial Truck & Tractor Operators	ST OJT	CTY	17.31	36,010	35,930	28,300	39,860	31,130	to	40,770
53-7061	Cleaners of Vehicles & Equipment	ST OJT	CTY	13.47	28,020	26,410	20,320	31,870	21,660	to	32,690
53-7062	Laborers & Freight, Stock & Material Movers	ST OJT	CTY	17.25	35,880	36,160	25,360	41,140	27,540	to	44,590
53-7063	Machine Feeders & Offbearers	ST OJT	WDA	16.65	34,630	35,160	26,460	38,720	30,090	to	39,330
53-7064	Packers & Packagers, Hand	ST OJT	CTY	15.50	32,240	34,650	22,470	37,130	24,400	to	38,540
53-7071	Gas Compressor & Gas Pumping Station Operators	MT OJT	PA	30.19	62,790	63,060	49,850	69,250	53,480	to	73,360
53-7072	Pump Operators	MT OJT	PA	20.37	42,370	44,620	20,920	53,090	21,590	to	53,340
53-7073	Wellhead Pumpers	WK EXP	PA	20.34	42,300	37,510	32,690	47,110	33,820	to	43,620
53-7081	Refuse & Recyclable Material Collectors	ST OJT	CTY	17.34	36,070	32,780	28,470	39,870	28,750	to	44,660

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53-7111	Mine Shuttle Car Operators	ST OJT	PA	30.20	62,820	62,170	55,870	66,300	56,830	to	68,630
53-7121	Tank Car, Truck & Ship Loaders	ST OJT	PA	22.91	47,650	43,590	31,340	55,810	34,130	to	61,770
53-7199	Material Moving Workers, Other	ST OJT	PA	16.71	34,760	31,990	23,360	40,470	25,050	to	41,380

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