MAY 2019

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	21.75	45,240	37,280	22,420	56,650	25,550	to	54,640
11-0000	Management Occupations	#	CTY	51.30	106,710	93,920	56,610	131,760	66,720	to	129,080
11-1011	Chief Executives	BD+	WDA	97.26	202,300	187,460	101,360	252,770	121,970	to	#
11-1021	General & Operations Managers	BD+	CTY	50.44	104,920	92,170	54,790	129,990	67,660	to	124,220
11-1031	Legislators (Includes all local elected officials)	BD+	WDA	*	65,060	54,200	18,480	88,350	19,520	to	90,400
11-2011	Advertising & Promotions Managers	BD+	WDA	45.62	94,900	88,560	54,680	115,010	62,510	to	105,300
11-2021	Marketing Managers	BD+	CTY	75.40	156,820	142,820	91,220	189,620	115,830	to	183,090
11-2022	Sales Managers	BD+	CTY	78.35	162,970	156,560	108,310	190,300	133,460	to	183,590
11-2030	Public Relations & Fundraising Managers	BD+	WDA	53.21	110,680	101,310	62,630	134,700	72,900	to	147,480
11-3010	Administrative Services & Facilities Managers	BD+	CTY	50.01	104,010	94,000	65,960	123,040	73,960	to	113,140
11-3021	Computer & Information Systems Managers	BD+	CTY	64.54	134,240	129,880	100,670	151,030	109,330	to	156,840
11-3031	Financial Managers	BD+	CTY	65.76	136,780	121,930	71,250	169,550	77,190	to	164,200
11-3051	Industrial Production Managers	BD+	CTY	57.02	118,590	109,470	66,010	144,890	80,460	to	147,350
11-3061	Purchasing Managers	BD+	CTY	58.97	122,660	114,600	85,260	141,360	93,540	to	144,920
11-3071	Transportation, Storage & Distribution Managers	WK EXP	CTY	41.37	86,050	83,290	58,050	100,050	61,950	to	108,790
11-3111	Compensation & Benefits Managers	BD+	WDA	55.13	114,670	114,380	57,490	143,270	72,580	to	156,010

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MAY 2019

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 Rai al Wa	nge age (\$)
11-3121	Human Resources Managers	BD+	CTY	55.54	115,530	109,780	79,660	133,460	89,390	to	125,130
11-3131	Training & Development Managers	BD+	CTY	50.44	104,910	100,710	87,230	113,750	89,170	to	120,880
11-9013	Farmers, Ranchers & Other Agricultural Managers	WK EXP	WDA	44.30	92,130	100,510	52,490	111,960	67,390	to	120,150
11-9021	Construction Managers	BD	CTY	46.02	95,710	74,910	57,510	114,810	63,100	to	96,020
11-9031	Education Administrators, Preschool & Childcare Center/Program	BD+	CTY	24.38	50,710	53,920	38,810	56,650	43,020	to	59,400
11-9032	Education Administrators, Elementary & Secondary School	MD+	CTY	*	90,820	93,000	66,460	102,990	78,100	to	105,800
11-9033	Education Administrators, Postsecondary	MD+	WDA	48.92	101,750	88,910	62,950	121,150	69,340	to	122,200
11-9039	Education Administrators, Other	BD+	WDA	49.10	102,140	94,030	59,370	123,520	67,590	to	140,110
11-9041	Architectural & Engineering Managers	BD+	CTY	58.07	120,790	122,190	87,430	137,470	102,410	to	144,240
11-9051	Food Service Managers	WK EXP	CTY	31.05	64,590	60,770	45,410	74,180	48,510	to	80,780
11-9071	Gaming Managers	WK EXP	PA	38.17	79,400	75,710	54,340	91,930	58,850	to	96,300
11-9081	Lodging Managers	WK EXP	WDA	24.98	51,960	51,900	36,450	59,710	41,750	to	60,030
11-9111	Medical & Health Services Managers	BD+	CTY	51.39	106,880	88,190	53,430	133,610	60,560	to	118,610
11-9121	Natural Sciences Managers	BD+	WDA	55.57	115,580	107,270	75,060	135,840	84,480	to	134,810
11-9131	Postmasters & Mail Superintendents	WK EXP	CTY	37.00	76,960	78,410	64,530	83,180	68,070	to	82,940
11-9141	Property, Real Estate & Community Association Managers	WK EXP	CTY	25.06	52,120	52,180	45,870	55,250	47,440	to	57,910

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MAY 2019

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 (_
11-9151	Social & Community Service Managers	BD+	CTY	29.32	60,980	59,240	43,910	69,520	51,720	to	71,150
11-9161	Emergency Management Directors	BD+	WDA	33.83	70,370	65,130	48,630	81,250	55,410	to	80,610
11-9171	Funeral Home Managers	AD+	WDA	52.40	108,990	78,270	63,870	131,550	67,340	to	116,170
11-9198	Misc. Personal Svc, Entertainment & Other Managers	BD+	CTY	58.48	121,640	123,510	84,410	140,250	100,210	to	139,280
13-0000	Business & Financial Operations Occupations	#	CTY	33.91	70,520	67,880	43,640	83,970	51,360	to	83,920
13-1011	Agents & Business Managers of Artists, Performers & Athletes	BD+	PA	27.08	56,320	55,040	34,020	67,470	43,340	to	69,540
13-1020	Buyers & Purchasing Agents	BD	CTY	33.50	69,670	65,630	50,540	79,240	54,970	to	84,970
13-1031	Claims Adjusters, Examiners & Investigators	LT OJT	CTY	31.58	65,680	71,240	35,030	81,010	32,110	to	79,380
13-1032	Insurance Appraisers, Auto Damage	PS+	PA	31.21	64,910	63,920	49,040	72,850	52,470	to	75,970
13-1041	Compliance Officers	BD	CTY	26.14	54,370	50,910	32,010	65,550	37,940	to	69,220
13-1051	Cost Estimators	BD	CTY	26.30	54,710	56,630	31,020	66,550	37,540	to	71,190
13-1071	Human Resources Specialists	BD	CTY	33.64	69,960	68,790	46,390	81,750	53,240	to	81,440
13-1075	Labor Relations Specialists	BD+	WDA	38.26	79,570	73,580	57,590	90,560	63,280	to	87,160
13-1081	Logisticians	BD	CTY	33.87	70,440	74,840	42,870	84,230	55,280	to	86,970
13-1111	Management Analysts	BD+	CTY	46.59	96,910	95,120	68,660	111,030	79,380	to	109,890
13-1121	Meeting, Convention & Event Planners	BD	CTY	15.61	32,470	28,900	27,160	35,130	26,670	to	35,850

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MAY 2019

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13-1131	Fundraisers	BD	CTY	25.74	53,550	53,880	35,810	62,410	40,160	to	67,070
13-1141	Compensation, Benefits & Job Analysis Specialists	BD+	WDA	33.21	69,080	63,290	37,110	85,060	41,190	to	79,250
13-1151	Training & Development Specialists	BD+	CTY	29.02	60,370	58,660	42,790	69,160	47,150	to	72,420
13-1161	Market Research Analysts & Marketing Specialists	BD	CTY	24.80	51,580	47,250	26,420	64,170	33,850	to	63,590
13-1198	Project Mgmt & Other Business Operations Specialists	BD	CTY	35.90	74,670	74,840	56,400	83,800	63,750	to	83,930
13-2011	Accountants & Auditors	BD	CTY	33.22	69,090	63,030	48,510	79,380	52,130	to	83,640
13-2020	Property Appraisers & Assessors	BD+	WDA	24.30	50,550	48,300	30,720	60,460	35,210	to	60,720
13-2031	Budget Analysts	BD	WDA	35.22	73,260	69,160	54,110	82,830	60,220	to	84,210
13-2041	Credit Analysts	BD	WDA	33.09	68,820	64,050	46,710	79,880	53,260	to	79,550
13-2052	Personal Financial Advisors	BD+	WDA	52.99	110,220	75,870	52,300	139,180	57,720	to	149,530
13-2053	Insurance Underwriters	BD	WDA	31.54	65,610	60,520	43,710	76,570	48,890	to	79,100
13-2061	Financial Examiners	BD+	WDA	38.87	80,860	72,240	55,100	93,740	60,540	to	95,890
13-2071	Credit Counselors	BD	WDA	24.56	51,090	49,970	35,350	58,960	39,230	to	60,880
13-2072	Loan Officers	BD	CTY	31.90	66,350	66,280	45,210	76,920	51,330	to	80,480
13-2081	Tax Examiners & Collectors & Revenue Agents	BD	WDA	22.99	47,820	45,840	31,600	55,940	41,020	to	56,600
13-2082	Tax Preparers	MT OJT	CTY	24.93	51,850	51,270	26,460	64,540	32,060	to	64,420

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13-2098	Financial, Investment & Risk Specialists, All Other	BD	CTY	39.22	81,570	81,030	53,350	95,680	60,540	to	99,450
15-0000	Computer & Mathematical Occupations	#	CTY	40.21	83,640	79,510	50,640	100,130	60,470	to	104,690
15-1211	Computer Systems Analysts	BD	CTY	42.66	88,730	86,120	66,250	99,960	71,420	to	106,510
15-1212	Information Security Analysts	BD+	CTY	57.37	119,320	121,400	84,000	136,990	97,990	to	145,800
15-1221	Computer & Information Research Scientists	MD	WDA	52.17	108,510	103,420	84,140	120,690	95,550	to	129,870
15-1231	Computer Network Support Specialists	AD	CTY	34.32	71,380	66,290	50,340	81,900	54,080	to	88,270
15-1232	Computer User Support Specialists	PS	WDA	24.62	51,200	49,950	33,990	59,810	38,550	to	61,190
15-1241	Computer Network Architects	BD+	CTY	51.71	107,560	104,010	71,050	125,810	78,900	to	132,610
15-1244	Network & Computer Systems Administrators	BD	CTY	35.96	74,800	72,280	54,460	84,980	59,960	to	85,720
15-1245	Database Administrators & Architects	BD	CTY	53.81	111,930	106,390	87,000	124,400	93,800	to	121,730
15-1251	Computer Programmers	BD	CTY	39.37	81,880	79,400	58,270	93,690	63,690	to	97,060
15-1256	Software Developers & QA Analysts	BD	CTY	38.57	80,230	75,650	55,720	92,480	63,810	to	96,100
15-1257	Web & Digital Interface Designers	AD	WDA	30.92	64,320	61,620	47,040	72,950	52,250	to	76,350
15-1299	Computer Occupations, All Other	BD	CTY	47.87	99,580	100,210	67,140	115,790	81,540	to	119,590
15-2011	Actuaries	BD+	WDA	52.91	110,060	112,750	74,380	127,900	85,000	to	130,420
15-2021	Mathematicians	MD	PA	40.74	84,750	86,030	54,370	99,930	61,940	to	103,940

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15-2031	Operations Research Analysts	BD	WDA	37.00	76,960	71,920	54,290	88,300	57,720	to	91,550
15-2041	Statisticians	MD	WDA	33.64	69,980	65,980	52,290	78,820	56,370	to	80,280
15-2098	Data Scientists & Math Science Workers, All Other	BD	WDA	38.44	79,960	77,300	54,610	92,630	63,280	to	96,400
17-0000	Architecture & Engineering Occupations	#	CTY	35.51	73,850	70,760	48,480	86,530	57,160	to	89,710
17-1011	Architects	BD+	CTY	27.48	57,170	62,120	24,770	73,370	24,620	to	77,530
17-1012	Landscape Architects	BD+	WDA	33.42	69,520	61,550	53,070	77,740	55,050	to	87,210
17-1021	Cartographers & Photogrammetrists	BD	WDA	32.84	68,310	62,640	50,100	77,420	53,630	to	80,280
17-1022	Surveyors	BD+	CTY	23.73	49,350	40,580	29,980	59,040	34,450	to	63,920
17-2011	Aerospace Engineers	BD	PA	54.25	112,840	106,690	81,510	128,500	87,160	to	135,840
17-2021	Agricultural Engineers	BD	WDA	33.57	69,830	69,380	53,710	77,890	57,820	to	81,170
17-2031	Biomedical Engineers	BD	WDA	44.75	93,080	86,240	65,030	107,110	71,080	to	104,790
17-2041	Chemical Engineers	BD	WDA	40.48	84,200	77,400	57,710	97,440	63,480	to	101,250
17-2051	Civil Engineers	BD	CTY	48.25	100,370	80,390	65,140	117,980	69,680	to	94,230
17-2061	Computer Hardware Engineers	BD	WDA	40.69	84,640	78,630	61,230	96,350	66,060	to	99,000
17-2071	Electrical Engineers	BD	CTY	38.93	80,980	78,090	64,100	89,430	67,350	to	93,680
17-2072	Electronics Engineers	BD	CTY	39.16	81,460	78,890	57,300	93,540	61,850	to	97,860

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17-2081	Environmental Engineers	BD	CTY	39.30	81,740	62,620	58,130	93,550	57,230	to	117,720
17-2111	Health & Safety Engineers	BD	WDA	47.76	99,350	89,510	60,390	118,830	67,630	to	122,650
17-2112	Industrial Engineers	BD	CTY	39.71	82,610	81,760	59,080	94,370	65,750	to	98,210
17-2131	Materials Engineers	BD	WDA	45.59	94,820	96,040	71,600	106,430	81,540	to	113,810
17-2141	Mechanical Engineers	BD	CTY	40.89	85,050	85,160	62,960	96,100	70,810	to	100,570
17-2151	Mining & Geological Engineers	BD	WDA	32.28	67,150	62,180	56,020	72,710	56,050	to	77,160
17-2161	Nuclear Engineers	BD	WDA	55.00	114,400	114,350	88,050	127,570	94,420	to	130,930
17-2171	Petroleum Engineers	BD	PA	52.34	108,860	103,680	74,570	126,000	81,810	to	126,710
17-2199	Engineers, Other	BD	CTY	35.03	72,860	69,910	54,660	81,960	58,390	to	82,500
17-3011	Architectural & Civil Drafters	AD	CTY	25.78	53,620	55,030	41,990	59,430	47,470	to	60,740
17-3012	Electrical & Electronics Drafters	AD	WDA	33.31	69,290	64,560	48,770	79,550	53,810	to	86,900
17-3013	Mechanical Drafters	AD	CTY	26.25	54,600	54,460	37,350	63,230	42,840	to	65,650
17-3019	Drafters, Other	AD	WDA	24.60	51,170	46,650	38,430	57,550	40,310	to	58,530
17-3021	Aerospace Engineering & Operations Technicians	AD	PA	32.39	67,370	61,410	48,690	76,700	52,690	to	85,040
17-3022	Civil Engineering Technicians	AD	WDA	26.15	54,380	49,820	41,520	60,820	43,200	to	62,750
17-3023	Electrical & Electronic Engineering Technicians	AD	CTY	31.23	64,950	63,740	58,470	68,190	59,980	to	69,270

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17-3024	Electro-Mechanical Technicians	AD	WDA	26.60	55,320	56,130	45,710	60,130	49,430	to	61,700
17-3025	Environmental Engineering Technicians	AD	WDA	22.47	46,740	45,290	30,710	54,750	36,590	to	58,210
17-3026	Industrial Engineering Technicians	AD	CTY	30.05	62,510	69,710	38,580	74,480	44,970	to	77,120
17-3027	Mechanical Engineering Technicians	AD	WDA	28.01	58,260	58,110	42,040	66,370	47,030	to	69,310
17-3031	Surveying & Mapping Technicians	MT OJT	CTY	19.77	41,120	36,400	30,350	46,510	31,610	to	54,250
17-3098	Calibration & Engineering Techs, All Other	AD	CTY	30.73	63,930	62,620	49,810	70,980	55,000	to	72,250
19-0000	Life, Physical & Social Science Occupations	#	CTY	29.27	60,880	54,730	37,580	72,530	42,670	to	75,390
19-1011	Animal Scientists	BD	PA	24.63	51,230	48,740	25,470	64,110	24,420	to	67,940
19-1012	Food Scientists & Technologists	BD	WDA	35.21	73,250	68,590	52,760	83,490	57,300	to	82,370
19-1013	Soil & Plant Scientists	BD	WDA	28.85	60,000	56,390	45,290	67,350	49,420	to	71,910
19-1021	Biochemists & Biophysicists	PhD	PA	48.49	100,860	87,830	55,820	123,380	62,520	to	118,480
19-1022	Microbiologists	BD	PA	38.38	79,840	70,320	52,560	93,480	57,720	to	95,580
19-1023	Zoologists & Wildlife Biologists	BD	WDA	30.13	62,670	59,430	46,710	70,650	50,270	to	71,760
19-1029	Biological Scientists, Other	BD	WDA	35.42	73,680	81,260	49,230	85,900	67,790	to	88,440
19-1031	Conservation Scientists	BD	WDA	30.65	63,750	63,030	43,460	73,890	49,040	to	76,790
19-1032	Foresters	BD	WDA	34.48	71,720	70,350	57,310	78,930	64,440	to	82,100

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19-1041	Epidemiologists	MD	PA	39.24	81,610	72,900	49,840	97,500	56,780	to	93,640
19-1042	Medical Scientists	PhD	WDA	60.58	126,010	97,420	64,640	156,690	71,330	to	152,820
19-1099	Life Scientists, Other	BD	WDA	35.05	72,900	71,330	58,470	80,120	65,820	to	82,080
19-2012	Physicists	PhD	WDA	71.24	148,180	146,850	115,410	164,560	119,590	to	176,330
19-2021	Atmospheric & Space Scientists	BD	PA	39.63	82,440	75,540	61,920	92,690	68,170	to	95,380
19-2031	Chemists	BD	WDA	30.88	64,240	60,850	44,950	73,880	48,590	to	76,730
19-2032	Materials Scientists	BD	PA	46.30	96,300	101,600	59,970	114,460	70,230	to	122,260
19-2041	Environmental Scientists & Specialists	BD	WDA	33.94	70,590	67,310	50,120	80,830	56,140	to	83,850
19-2042	Geoscientists	BD	WDA	37.41	77,800	78,520	58,150	87,630	66,280	to	91,550
19-2099	Physical Scientists, Other	BD	WDA	47.15	98,070	100,840	61,670	116,270	73,620	to	122,880
19-3011	Economists	MD	WDA	34.21	71,160	67,310	49,090	82,190	54,020	to	83,860
19-3022	Survey Researchers	MD	WDA	24.30	50,550	44,360	28,340	61,650	29,090	to	65,640
19-3031	Clinical, Counseling & School Psychologists	PhD	CTY	40.45	84,130	73,650	49,840	101,270	61,550	to	91,540
19-3032	Industrial-Organizational Psychologists	MD+	PA	44.01	91,530	76,430	54,600	110,000	63,320	to	118,810
19-3039	Psychologists, Other	MD+	WDA	43.94	91,390	99,570	56,780	108,690	78,380	to	111,280
19-3041	Sociologists	MD	PA	61.07	127,020	127,590	76,410	152,320	89,940	to	165,660

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19-3051	Urban & Regional Planners	MD	CTY	28.90	60,120	51,790	45,940	67,210	46,570	to	70,170
19-3091	Anthropologists & Archeologists	MD	WDA	30.41	63,260	66,790	48,060	70,850	51,010	to	74,930
19-3092	Geographers	BD	PA	38.86	80,830	81,080	51,110	95,700	58,710	to	100,720
19-3093	Historians	MD	WDA	34.12	70,960	68,890	56,560	78,160	58,980	to	80,280
19-3094	Political Scientists	MD	PA	51.25	106,590	93,830	60,980	129,400	69,630	to	139,440
19-3099	Social Scientists & Related Workers, Other	BD	WDA	46.31	96,320	98,100	56,080	116,440	63,680	to	126,620
19-4010	Agricultural & Food Science Technicians	AD+	WDA	20.65	42,960	42,490	34,530	47,180	36,820	to	48,200
19-4021	Biological Technicians	BD	WDA	21.74	45,220	41,220	31,090	52,290	33,420	to	56,710
19-4031	Chemical Technicians	AD+	WDA	20.20	42,020	38,970	28,780	48,640	32,730	to	49,410
19-4042	Environmental Science & Protection Technicians	AD	WDA	20.30	42,230	40,170	29,270	48,710	32,070	to	49,800
19-4045	Geological & Hydrologic Technicians	AD+	WDA	27.15	56,480	56,010	41,860	63,790	46,170	to	65,410
19-4061	Social Science Research Assistants	BD	WDA	19.46	40,490	38,070	29,770	45,840	31,800	to	47,150
19-4071	Forest & Conservation Technicians	AD	WDA	25.57	53,180	51,620	40,280	59,620	46,270	to	56,380
19-4092	Forensic Science Technicians	BD	PA	24.84	51,660	47,930	37,090	58,950	41,730	to	62,570
19-4099	Life, Physical & Social Science Technicians, Other	AD	WDA	19.56	40,680	36,990	29,800	46,120	31,620	to	47,000
19-5011	Occupational Health & Safety Specialists	BD	CTY	34.00	70,710	65,520	53,350	79,390	58,320	to	83,930

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MAY 2019

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19-5012	Occupational Health & Safety Technicians	MT OJT	WDA	25.22	52,460	49,490	40,440	58,470	43,270	to	59,170
21-0000	Community & Social Services Occupations	#	CTY	23.10	48,050	42,250	29,390	57,380	33,180	to	57,850
21-1012	Educational, Guidance, School & Vocational Counselors	MD	CTY	31.85	66,250	67,940	45,230	76,760	52,100	to	78,130
21-1013	Marriage & Family Therapists	MD+	WDA	35.39	73,620	57,730	39,320	90,770	43,080	to	95,360
21-1015	Rehabilitation Counselors	MD	CTY	13.97	29,070	24,160	21,520	32,840	21,620	to	33,920
21-1018	Substance Abuse, Behavioral Disorder & Mental Health Counselors	BD	CTY	22.62	47,050	41,850	31,970	54,580	34,350	to	57,420
21-1019	Counselors, Other	MD	WDA	26.68	55,490	56,930	38,390	64,030	46,270	to	67,310
21-1021	Child, Family & School Social Workers	BD	CTY	24.33	50,600	48,300	38,420	56,690	40,970	to	57,290
21-1022	Healthcare Social Workers	MD+	CTY	25.60	53,260	49,410	40,500	59,640	42,300	to	63,520
21-1023	Mental Health & Substance Abuse Social Workers	MD+	CTY	18.80	39,100	36,320	32,180	42,570	32,900	to	41,460
21-1029	Social Workers, Other	BD	WDA	25.73	53,510	50,950	31,890	64,320	34,870	to	73,880
21-1091	Health Educators	BD	CTY	28.01	58,270	51,100	31,160	71,820	35,910	to	89,080
21-1092	Probation Officers & Correctional Treatment Specialists	BD	WDA	26.20	54,490	52,780	42,300	60,580	45,220	to	63,150
21-1093	Social & Human Service Assistants	ST OJT	CTY	15.95	33,170	32,160	26,110	36,700	28,110	to	37,710
21-1094	Community Health Workers	ST OJT	CTY	14.20	29,540	28,200	22,430	33,090	23,550	to	32,850
21-1099	Community & Social Service Specialists, Other	BD	WDA	28.18	58,600	56,370	28,470	73,670	35,280	to	83,550

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21-2011	Clergy	BD	CTY	20.92	43,520	44,230	33,740	48,410	37,270	to	50,110
21-2021	Directors, Religious Activities & Education	BD+	WDA	16.73	34,800	32,670	17,090	43,650	17,840	to	46,640
21-2099	Religious Workers, Other	BD	WDA	13.84	28,790	26,250	17,940	34,220	19,130	to	32,160
23-0000	Legal Occupations	#	WDA	41.49	86,300	70,410	40,300	109,300	47,270	to	108,770
23-1011	Lawyers	PROF	WDA	54.20	112,740	95,710	62,340	137,940	71,730	to	136,260
23-1012	Judicial Law Clerks	PhD	WDA	18.88	39,260	41,610	24,000	46,890	25,260	to	48,790
23-1021	Administrative Law Judges, Adjudicators & Hearing Officers	PhD	WDA	43.21	89,890	80,280	58,530	105,560	65,810	to	104,560
23-1022	Arbitrators, Mediators & Conciliators	BD+	WDA	38.80	80,710	102,300	36,630	102,750	38,830	to	110,730
23-1023	Judges, Magistrate Judges & Magistrates	PhD	PA	29.00	60,310	58,950	48,990	65,970	51,940	to	68,200
23-2011	Paralegals & Legal Assistants	AD	CTY	26.95	56,060	55,590	41,030	63,580	44,350	to	68,270
23-2093	Title Examiners, Abstractors & Searchers	MT OJT	CTY	19.46	40,470	40,470	35,360	43,030	36,000	to	45,740
23-2099	Legal Support Workers, Other	AD	WDA	38.35	79,780	71,490	49,370	94,980	55,170	to	100,430
25-0000	Education, Training & Library Occupations	#	CTY	27.23	56,650	60,270	28,740	70,600	36,200	to	74,010
25-1011	Business Teachers, Postsecondary	PhD	WDA	*	96,940	76,490	46,320	122,250	56,930	to	120,350
25-1021	Computer Science Teachers, Postsecondary	PhD	WDA	*	88,540	75,040	45,060	110,280	59,130	to	115,760
25-1022	Mathematical Science Teachers, Postsecondary	PhD	WDA	*	81,770	72,750	39,310	103,000	55,090	to	102,270

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25-1031	Architecture Teachers, Postsecondary	PhD	PA	*	106,760	96,880	60,570	129,860	68,480	to	136,940
25-1032	Engineering Teachers, Postsecondary	PhD	WDA	*	84,870	78,150	42,510	106,060	51,310	to	110,170
25-1041	Agricultural Sciences Teachers, Postsecondary	PhD	PA	*	79,920	77,450	46,590	96,580	59,110	to	98,940
25-1042	Biological Science Teachers, Postsecondary	PhD	WDA	*	92,070	77,930	51,140	112,530	59,420	to	114,980
25-1051	Atmospheric, Earth, Marine & Space Sciences Teachers, Postsecondary	PhD	PA	*	97,240	88,110	54,130	118,790	64,600	to	117,890
25-1052	Chemistry Teachers, Postsecondary	PhD	WDA	*	89,620	79,120	49,490	109,690	59,670	to	110,320
25-1053	Environmental Science Teachers, Postsecondary	PhD	WDA	*	107,490	107,200	65,670	128,400	72,940	to	147,380
25-1054	Physics Teachers, Postsecondary	PhD	WDA	*	106,800	91,840	67,030	126,680	72,560	to	123,190
25-1061	Anthropology & Archeology Teachers, Postsecondary	PhD	WDA	*	72,860	68,310	43,910	87,340	49,380	to	90,730
25-1062	Area, Ethnic & Cultural Studies Teachers, Postsecondary	PhD	WDA	*	83,160	75,270	40,250	104,610	55,630	to	101,240
25-1063	Economics Teachers, Postsecondary	PhD	WDA	*	125,170	115,030	66,000	154,760	79,560	to	155,630
25-1064	Geography Teachers, Postsecondary	PhD	PA	*	85,790	82,790	56,070	100,660	65,210	to	102,890
25-1065	Political Science Teachers, Postsecondary	PhD	WDA	*	113,780	101,160	60,920	140,210	65,820	to	145,130
25-1066	Psychology Teachers, Postsecondary	PhD	WDA	*	84,870	78,250	47,950	103,330	59,010	to	101,510
25-1067	Sociology Teachers, Postsecondary	PhD	WDA	*	85,870	76,010	53,850	101,880	60,620	to	107,080
25-1069	Social Sciences Teachers, Postsecondary, Other	PhD	PA	*	93,830	68,400	44,390	118,560	52,420	to	106,320

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25-1071	Health Specialties Teachers, Postsecondary	PhD	WDA	*	85,440	77,080	52,180	102,070	62,390	to	99,680
25-1072	Nursing Instructors & Teachers, Postsecondary	PhD	WDA	*	77,330	65,890	53,350	89,320	56,520	to	104,770
25-1081	Education Teachers, Postsecondary	PhD	WDA	*	67,240	61,530	40,950	80,390	52,800	to	79,150
25-1082	Library Science Teachers, Postsecondary	PhD	WDA	*	77,790	78,850	63,920	84,730	68,350	to	91,050
25-1111	Criminal Justice & Law Enforcement Teachers, Postsecondary	PhD	WDA	*	58,900	51,950	40,340	68,180	42,970	to	70,300
25-1112	Law Teachers, Postsecondary	PhD	PA	*	108,420	83,690	30,850	147,200	44,540	to	153,810
25-1113	Social Work Teachers, Postsecondary	PhD	PA	*	74,470	68,560	35,510	93,960	51,230	to	96,770
25-1121	Art, Drama & Music Teachers, Postsecondary	MD	WDA	*	80,040	67,660	44,330	97,890	55,130	to	94,570
25-1122	Communications Teachers, Postsecondary	PhD	WDA	*	69,590	66,230	39,460	84,660	50,860	to	86,750
25-1123	English Language & Literature Teachers, Postsecondary	PhD	WDA	*	74,930	69,650	34,150	95,320	46,870	to	96,300
25-1124	Foreign Language & Literature Teachers, Postsecondary	PhD	WDA	*	75,850	65,790	39,230	94,150	52,530	to	97,400
25-1125	History Teachers, Postsecondary	PhD	WDA	*	85,850	72,990	48,210	104,670	56,290	to	107,600
25-1126	Philosophy & Religion Teachers, Postsecondary	PhD	WDA	*	85,720	82,700	52,650	102,260	59,770	to	111,670
25-1193	Recreation & Fitness Studies Teachers, Postsecondary	PhD	WDA	*	78,560	73,950	52,700	91,490	61,630	to	91,970
25-1194	Vocational Education Teachers, Postsecondary	BD+	WDA	23.71	49,320	44,700	30,710	58,630	35,360	to	61,570
25-1199	Postsecondary Teachers, Other	PhD	WDA	*	100,880	90,190	49,720	126,460	59,850	to	128,860

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25-2011	Preschool Teachers	AD	CTY	11.61	24,150	23,390	17,910	27,270	19,040	to	28,700
25-2012	Kindergarten Teachers	BD+	CTY	*	58,910	58,570	54,700	61,020	54,390	to	62,750
25-2021	Elementary School Teachers	BD+	CTY	*	65,090	65,230	51,530	71,870	55,370	to	75,060
25-2022	Middle School Teachers	BD+	CTY	*	69,070	69,340	53,560	76,830	59,120	to	77,820
25-2023	Career/Technical Education Teachers, Middle School	BD+	CTY	*	62,690	61,930	54,110	66,980	55,070	to	71,700
25-2031	Secondary School Teachers	BD+	CTY	*	70,280	70,220	51,170	79,830	58,300	to	80,160
25-2032	Career/Technical Education Teachers, Secondary School	BD+	CTY	*	72,560	64,230	58,430	79,620	58,520	to	72,200
25-2051	Special Education Teachers, Preschool	BD+	PA	*	54,160	55,110	31,840	65,330	37,550	to	65,400
25-2052	Special Education Teachers, Kindergarten & Elementary School	BD+	WDA	*	62,890	63,100	47,620	70,520	52,700	to	74,540
25-2057	Special Education Teachers, Middle School	BD+	CTY	*	66,250	68,520	52,670	73,030	57,360	to	75,870
25-2058	Special Education Teachers, Secondary School	BD+	CTY	*	63,300	63,820	51,120	69,390	54,330	to	73,150
25-2059	Special Education Teachers, Other	BD+	WDA	*	70,670	69,850	58,240	76,890	66,210	to	76,790
25-3011	Adult Basic & Secondary Education & Literacy Teachers & Instructors	BD+	WDA	23.43	48,740	40,250	35,880	55,170	36,180	to	60,830
25-3021	Self-Enrichment Education Teachers	WK EXP	CTY	14.94	31,080	28,860	18,010	37,610	19,200	to	37,260
25-3031	Substitute Teachers (Short-Term)	BD	WDA	20.35	42,320	29,030	23,820	51,570	26,680	to	31,390
25-3097	Teachers & Instructors, Other	BD	WDA	*	62,480	61,160	27,290	80,070	31,340	to	86,960

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25-4011	Archivists	MD	WDA	28.97	60,270	60,280	42,300	69,250	49,390	to	70,420
25-4012	Curators	MD	WDA	31.37	65,250	67,180	40,440	77,650	48,270	to	83,860
25-4013	Museum Technicians & Conservators	BD	WDA	22.30	46,380	44,410	30,760	54,190	34,740	to	56,730
25-4022	Librarians & Media Collections Specialists	MD	CTY	24.31	50,570	53,440	32,110	59,800	41,440	to	62,280
25-4031	Library Technicians	PS	CTY	13.40	27,860	27,150	22,050	30,770	24,610	to	29,650
25-9021	Farm & Home Management Advisors	MD	PA	35.31	73,450	60,150	50,080	85,130	53,220	to	111,870
25-9031	Instructional Coordinators	MD+	CTY	28.88	60,060	58,660	46,000	67,100	48,700	to	70,840
25-9044	Teaching Assistants, Postsecondary	BD	PA	*	38,870	35,160	21,480	47,560	24,570	to	46,830
25-9045	Teaching Assistants, Non-Postsecondary	PS	CTY	*	24,350	23,960	17,240	27,900	18,450	to	29,060
25-9099	Education, Training & Library Workers, Other	BD	WDA	20.89	43,440	45,050	27,190	51,570	33,430	to	51,490
27-0000	Arts, Design, Entertainment, Sports & Media Occupations	#	CTY	19.69	40,960	37,030	19,500	51,700	21,540	to	54,090
27-1011	Art Directors	BD+	WDA	46.63	96,990	91,500	63,380	113,790	69,290	to	121,830
27-1013	Fine Artists	BD+	WDA	13.64	28,360	21,430	16,840	34,120	17,480	to	31,760
27-1014	Multimedia Artists & Animators	BD	WDA	31.92	66,390	67,320	42,680	78,250	49,860	to	82,080
27-1019	Artists & Related Workers, Other	LT OJT	WDA	29.27	60,870	68,020	31,180	75,720	37,590	to	83,720
27-1021	Commercial & Industrial Designers	BD	WDA	30.36	63,150	61,860	45,450	72,000	52,090	to	74,680

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27-1022	Fashion Designers	BD	PA	24.63	51,230	39,620	30,090	61,800	32,270	to	68,350
27-1023	Floral Designers	MT OJT	WDA	11.80	24,550	23,580	19,880	26,880	20,840	to	27,660
27-1024	Graphic Designers	BD	CTY	22.64	47,090	45,050	33,310	53,980	37,300	to	56,140
27-1025	Interior Designers	BD	WDA	25.76	53,580	50,890	36,040	62,350	40,610	to	61,380
27-1026	Merchandise Displayers & Window Trimmers	ST OJT	WDA	18.06	37,560	31,920	22,400	45,130	25,000	to	44,740
27-1027	Set & Exhibit Designers	BD	WDA	24.85	51,680	47,540	31,970	61,540	37,600	to	68,860
27-1029	Designers, Other	BD	PA	22.80	47,430	43,220	28,220	57,030	32,560	to	63,320
27-2011	Actors	PS+	PA	18.91	#	#	#	#	#	to	#
27-2012	Producers & Directors	BD+	WDA	29.57	61,510	57,050	39,040	72,740	47,130	to	69,180
27-2021	Athletes & Sports Competitors	LT OJT	WDA	*	55,930	37,140	18,020	74,890	19,260	to	70,560
27-2022	Coaches & Scouts	BD	CTY	*	27,560	19,330	17,660	32,510	17,600	to	26,610
27-2023	Umpires, Referees & Other Sports Officials	MT OJT	PA	*	43,010	27,740	20,290	54,360	21,040	to	46,800
27-2031	Dancers	LT OJT	PA	21.63	#	#	#	#	#	to	#
27-2032	Choreographers	WK EXP	PA	19.17	39,880	32,020	25,950	46,840	27,590	to	49,210
27-2041	Music Directors & Composers	BD+	WDA	17.17	35,710	34,080	20,730	43,200	22,630	to	44,340
27-2042	Musicians & Singers	LT OJT	WDA	29.27	#	#	#	#	#	to	#

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27-2090	Entertainers, Performers, Sports & Related Workers	ST OJT	PA	16.46	#	#	#	#	#	to	#
27-3011	Radio & Television Announcers	BD	WDA	18.28	38,010	35,070	20,410	46,820	22,550	to	48,620
27-3023	News Analysts, Reporters & Journalists	BD	WDA	23.23	48,310	39,460	24,070	60,430	28,120	to	55,440
27-3031	Public Relations Specialists	BD	CTY	23.01	47,870	49,000	32,390	55,610	37,750	to	59,130
27-3041	Editors	BD+	CTY	27.15	56,480	50,730	33,550	67,940	39,340	to	70,700
27-3042	Technical Writers	BD+	CTY	30.41	63,250	62,110	50,470	69,640	52,960	to	74,300
27-3043	Writers & Authors	BD+	WDA	27.92	58,070	50,890	28,970	72,630	32,560	to	72,690
27-3091	Interpreters & Translators	BD	CTY	14.31	29,770	29,510	19,150	35,080	21,680	to	37,000
27-3092	Court Reporters & Simultaneous Captioners	PS	WDA	28.87	60,050	64,490	39,000	70,570	43,300	to	75,520
27-3099	Media & Communication Workers, Other	ST OJT	PA	22.14	46,050	38,160	22,440	57,860	24,430	to	65,440
27-4011	Audio & Video Equipment Technicians	PS	WDA	20.85	43,360	43,180	30,080	50,000	35,980	to	49,600
27-4012	Broadcast Technicians	AD	WDA	24.33	50,600	54,440	27,580	62,110	34,510	to	63,180
27-4014	Sound Engineering Technicians	PS	PA	24.91	51,810	43,600	33,910	60,770	35,370	to	62,980
27-4021	Photographers	MT OJT	WDA	15.56	32,360	29,480	25,070	36,000	26,380	to	37,390
27-4031	Camera Operators: TV, Video & Motion Picture	BD	WDA	17.41	36,220	26,400	21,470	43,590	22,070	to	43,840
27-4032	Film & Video Editors	BD	WDA	30.21	62,840	58,020	40,390	74,070	44,500	to	77,880

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27-4098	Lighting, Media & Comm Equip Workers, All Other	ST OJT	WDA	37.93	78,900	77,130	60,090	88,310	68,030	to	86,980
29-0000	Healthcare Practitioners & Technical Occupations	#	CTY	39.35	81,840	65,810	36,100	104,710	43,880	to	94,860
29-1011	Chiropractors	PROF	WDA	32.39	67,370	62,950	27,200	87,460	29,420	to	93,300
29-1021	Dentists, General	PROF	CTY	68.53	142,540	113,050	92,110	167,760	95,020	to	171,610
29-1022	Oral & Maxillofacial Surgeons	PROF	PA	110.36	229,550	#	110,500	#	169,500	to	#
29-1023	Orthodontists	PROF	WDA	114.47	238,090	#	163,770	275,250	175,270	to	#
29-1029	Dentists, Other Specialists	PROF	WDA	62.32	129,620	117,080	75,810	156,520	96,970	to	157,970
29-1031	Dietitians & Nutritionists	BD	CTY	22.08	45,920	47,370	29,060	54,350	30,230	to	58,420
29-1041	Optometrists	PROF	CTY	67.02	139,400	136,910	96,540	160,830	106,870	to	163,940
29-1051	Pharmacists	PROF	CTY	61.33	127,570	129,720	102,770	139,970	115,990	to	149,110
29-1071	Physician Assistants	MD	CTY	47.06	97,890	96,520	69,950	111,860	84,560	to	116,550
29-1081	Podiatrists	PROF	WDA	65.64	136,530	121,250	48,560	180,510	62,770	to	183,380
29-1122	Occupational Therapists	MD	CTY	40.00	83,210	78,180	67,050	91,280	69,830	to	99,480
29-1123	Physical Therapists	PhD	CTY	45.50	94,630	97,320	70,680	106,610	80,470	to	113,270
29-1124	Radiation Therapists	AD	PA	40.53	84,310	81,640	61,580	95,670	65,720	to	100,170
29-1125	Recreational Therapists	BD	CTY	24.05	50,030	47,270	40,860	54,610	46,260	to	56,380

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MAY 2019

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29-1126	Respiratory Therapists	AD	WDA	29.32	60,990	60,130	51,420	65,780	53,890	to	68,890
29-1127	Speech-Language Pathologists	MD+	CTY	37.11	77,190	75,360	63,090	84,230	67,910	to	85,930
29-1128	Exercise Physiologists	BD	WDA	26.37	54,850	49,640	42,650	60,940	43,920	to	67,800
29-1129	Therapists, Other	BD	WDA	26.79	55,720	55,250	44,800	61,180	47,970	to	61,750
29-1131	Veterinarians	PROF	CTY	44.46	92,470	91,590	73,440	101,980	77,550	to	108,430
29-1141	Registered Nurses	BD	CTY	36.61	76,150	75,720	54,900	86,780	60,880	to	92,930
29-1151	Nurse Anesthetists	MD	CTY	87.59	182,190	177,610	133,880	206,350	146,380	to	203,150
29-1161	Nurse Midwives	MD	WDA	46.86	97,460	97,190	83,010	104,690	86,570	to	112,350
29-1171	Nurse Practitioners	MD	CTY	42.30	87,980	86,260	65,410	99,260	71,520	to	108,850
29-1181	Audiologists	PhD	WDA	37.79	78,610	77,370	57,870	88,980	64,010	to	94,840
29-1211	Anesthesiologists	PROF	WDA	126.74	263,620	#	#	#	#	to	#
29-1215	Family Medicine Physicians	PROF	CTY	105.35	219,130	204,530	140,460	258,460	174,100	to	#
29-1216	General Internal Medicine Physicians	PROF	WDA	110.78	230,420	#	122,540	284,360	179,150	to	#
29-1218	Obstetricians & Gynecologists	PROF	WDA	118.92	247,360	#	#	#	203,370	to	#
29-1221	Pediatricians, General	PROF	PA	92.04	191,450	179,300	115,480	229,440	134,840	to	#
29-1223	Psychiatrists	PROF	WDA	125.44	260,930	#	#	#	#	to	#

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29-1228	Physicians & Ophthalmologists, All Other	PROF	CTY	126.36	262,830	#	192,570	#	#	to	#
29-1248	Surgeons	PROF	WDA	127.34	264,860	#	#	#	#	to	#
29-1292	Dental Hygienists	AD	CTY	34.70	72,180	72,380	62,400	77,070	65,630	to	79,310
29-1298	Acupuncturists & Other Healthcare Practitioners	MD	WDA	36.17	75,230	70,740	63,030	81,330	65,720	to	80,270
29-2010	Clinical Laboratory Technologists & Technicians	BD	WDA	25.33	52,690	51,740	35,540	61,260	40,910	to	64,320
29-2031	Cardiovascular Technologists & Technicians	AD	WDA	26.35	54,810	48,510	35,920	64,260	38,650	to	68,750
29-2032	Diagnostic Medical Sonographers	AD	WDA	32.58	67,760	67,250	53,370	74,960	57,300	to	77,810
29-2033	Nuclear Medicine Technologists	AD	WDA	35.10	73,020	71,430	54,390	82,330	59,080	to	85,920
29-2034	Radiologic Technologists	AD	CTY	31.38	65,260	65,200	49,000	73,400	53,590	to	77,490
29-2035	Magnetic Resonance Imaging Technologists	AD+	WDA	32.09	66,740	63,900	53,800	73,210	55,830	to	76,900
29-2040	Emergency Medical Technicians & Paramedics	PS	CTY	14.66	30,480	29,080	25,010	33,220	26,100	to	32,540
29-2051	Dietetic Technicians	AD	WDA	15.92	33,120	30,870	23,060	38,140	24,940	to	40,570
29-2052	Pharmacy Technicians	MT OJT	CTY	14.34	29,830	26,950	22,020	33,740	22,690	to	35,330
29-2053	Psychiatric Technicians	PS+	PA	15.22	31,650	31,050	26,090	34,430	27,290	to	36,250
29-2055	Surgical Technologists	PS	CTY	24.99	51,970	51,880	39,880	58,020	42,850	to	61,230
29-2056	Veterinary Technologists & Technicians	AD	CTY	17.28	35,930	34,690	25,860	40,970	27,830	to	43,450

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29-2057	Ophthalmic Medical Technicians	PS	CTY	17.24	35,860	35,840	23,830	41,880	24,920	to	44,290
29-2061	Licensed Practical & Licensed Vocational Nurses	PS	CTY	21.86	45,480	44,670	35,220	50,600	37,810	to	52,640
29-2081	Opticians, Dispensing	LT OJT	CTY	15.77	32,790	33,140	25,300	36,530	27,770	to	37,150
29-2091	Orthotists & Prosthetists	MD+	WDA	31.16	64,820	64,940	40,590	76,930	46,040	to	86,720
29-2092	Hearing Aid Specialists	MT OJT	WDA	23.28	48,430	48,430	34,380	55,460	37,710	to	58,670
29-2098	Medical Dosimetrists, Records Specialists & Other Techs	PS	CTY	19.57	40,700	38,080	28,630	46,740	30,700	to	49,120
29-9091	Athletic Trainers	BD	WDA	*	48,660	49,270	32,350	56,820	38,530	to	59,900
29-9092	Genetic Counselors	MD	PA	38.49	80,050	78,300	66,050	87,060	69,790	to	92,000
29-9098	Health Info Techs, Surgical Asst's & Other HC Workers	PS	WDA	36.56	76,040	76,210	43,150	92,480	48,360	to	99,040
31-0000	Healthcare Support Occupations	#	CTY	15.25	31,730	29,580	23,120	36,030	24,500	to	36,710
31-1120	Home Health & Personal Care Aides	ST OJT	CTY	12.14	25,250	24,390	22,280	26,740	22,070	to	27,910
31-1131	Nursing Assistants	PS	CTY	16.79	34,920	35,050	28,100	38,330	29,910	to	39,000
31-1132	Orderlies	ST OJT	WDA	14.47	30,090	29,110	22,040	34,120	23,760	to	35,630
31-1133	Psychiatric Aides	ST OJT	PA	17.26	35,910	34,450	26,100	40,810	28,720	to	39,630
31-2011	Occupational Therapy Assistants	AD	CTY	29.70	61,770	62,000	52,970	66,160	56,460	to	68,130
31-2012	Occupational Therapy Aides	ST OJT	WDA	17.21	35,810	35,040	26,610	40,400	27,960	to	40,360

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31-2021	Physical Therapist Assistants	AD	CTY	26.46	55,040	56,640	40,530	62,300	45,920	to	64,660
31-2022	Physical Therapist Aides	ST OJT	WDA	14.87	30,930	30,190	26,290	33,250	27,170	to	34,440
31-9011	Massage Therapists	PS	CTY	16.26	33,830	29,520	25,100	38,190	26,330	to	42,020
31-9091	Dental Assistants	PS	CTY	18.48	38,430	38,490	31,130	42,080	32,820	to	44,760
31-9092	Medical Assistants	PS	CTY	16.57	34,460	32,680	28,550	37,420	29,140	to	38,950
31-9093	Medical Equipment Preparers	MT OJT	CTY	18.21	37,870	36,460	30,020	41,800	31,070	to	45,440
31-9094	Medical Transcriptionists	PS	CTY	17.39	36,170	35,810	29,030	39,740	30,770	to	40,490
31-9095	Pharmacy Aides	ST OJT	WDA	10.82	22,510	21,840	18,490	24,520	19,550	to	24,170
31-9096	Veterinary Assistants & Laboratory Animal Caretakers	ST OJT	CTY	16.58	34,480	34,470	29,090	37,170	31,080	to	38,500
31-9097	Phlebotomists	PS	CTY	18.89	39,290	38,840	32,720	42,570	34,420	to	45,720
31-9099	Healthcare Support Workers, Other	ST OJT	WDA	21.93	45,620	45,820	36,700	50,080	40,120	to	51,400
33-0000	Protective Service Occupations	#	CTY	22.98	47,790	41,410	26,560	58,410	30,790	to	61,890
33-1011	Supervisors - Correctional Officers	WK EXP	WDA	41.00	85,270	86,020	64,230	95,790	71,990	to	94,190
33-1012	Supervisors - Police & Detectives	WK EXP	CTY	35.72	74,300	68,120	53,630	84,640	56,240	to	86,100
33-1021	Supervisors - Fire Fighting & Prevention	PS+	WDA	37.83	78,680	79,370	60,560	87,750	68,970	to	92,170
33-1090	Supervisors - Protective Service Workers	WK EXP	CTY	20.81	43,290	38,050	34,830	47,520	34,590	to	53,130

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33-2011	Firefighters	PS+	CTY	24.11	50,150	53,630	38,130	56,170	46,470	to	58,240
33-2021	Fire Inspectors & Investigators	PS+	PA	25.92	53,910	50,350	36,490	62,620	40,080	to	65,470
33-3011	Bailiffs	MT OJT	WDA	13.10	27,240	22,410	18,450	31,630	19,140	to	34,740
33-3012	Correctional Officers & Jailers	MT OJT	WDA	26.97	56,100	53,740	41,830	63,240	45,430	to	69,420
33-3021	Detectives & Criminal Investigators	WK EXP	WDA	38.86	80,830	74,810	56,850	92,820	62,680	to	94,800
33-3041	Parking Enforcement Workers	ST OJT	WDA	13.68	28,450	27,050	22,720	31,310	23,370	to	32,900
33-3051	Police & Sheriff's Patrol Officers	MT OJT	CTY	28.53	59,350	59,900	38,330	69,850	41,270	to	74,260
33-3052	Transit & Railroad Police	MT OJT	PA	28.25	58,750	58,720	51,270	62,500	53,380	to	64,050
33-9011	Animal Control Workers	MT OJT	PA	20.00	41,590	42,270	28,150	48,310	33,750	to	50,890
33-9021	Private Detectives & Investigators	WK EXP	WDA	24.14	50,210	42,820	35,720	57,450	37,320	to	60,760
33-9031	Gaming Surveillance Officers & Gaming Investigators	WK EXP	PA	22.71	47,230	47,870	32,230	54,730	36,070	to	57,120
33-9032	Security Guards	ST OJT	CTY	17.27	35,930	37,110	27,860	39,960	30,770	to	41,350
33-9091	Crossing Guards	ST OJT	WDA	14.46	30,090	28,680	22,190	34,030	24,930	to	34,860
33-9092	Lifeguards, Ski Patrol & Other Recreational Protective Service	ST OJT	WDA	9.52	19,810	18,900	17,680	20,870	17,470	to	20,690
33-9093	Transportation Security Screeners	ST OJT	WDA	18.66	38,820	38,470	33,500	41,480	33,160	to	41,620
33-9098	School Bus Monitors & Other Protective Svc Workers	ST OJT	WDA	15.68	32,610	28,110	22,390	37,720	23,530	to	37,030

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35-0000	Food Preparation & Serving Related Occupations	#	CTY	11.04	22,960	20,700	17,560	25,650	18,150	to	25,140
35-1011	Chefs & Head Cooks	WK EXP	WDA	26.84	55,820	55,630	41,770	62,850	45,540	to	63,990
35-1012	Supervisors - Food Preparation & Serving Workers	WK EXP	CTY	15.90	33,080	28,150	21,400	38,920	23,000	to	39,560
35-2011	Cooks, Fast Food	ST OJT	CTY	9.64	20,050	19,090	17,360	21,390	17,370	to	22,720
35-2012	Cooks, Institution & Cafeteria	ST OJT	CTY	12.85	26,720	24,710	19,870	30,150	20,980	to	31,730
35-2014	Cooks, Restaurant	WK EXP	CTY	11.33	23,570	22,710	19,390	25,660	20,240	to	25,810
35-2015	Cooks, Short Order	ST OJT	WDA	11.80	24,550	23,790	19,470	27,090	20,800	to	28,060
35-2019	Cooks, Other	MT OJT	PA	14.98	31,150	27,680	19,390	37,030	20,640	to	37,610
35-2021	Food Preparation Workers	ST OJT	CTY	11.28	23,460	22,760	18,140	26,120	19,270	to	26,610
35-3011	Bartenders	ST OJT	CTY	13.72	28,530	24,410	19,370	33,110	20,460	to	35,650
35-3023	Fast Food & Counter Workers	ST OJT	CTY	9.75	20,280	19,120	17,580	21,620	17,510	to	21,760
35-3031	Waiters & Waitresses	ST OJT	CTY	10.31	21,450	19,100	17,340	23,510	17,410	to	24,380
35-3041	Food Servers, Nonrestaurant	ST OJT	WDA	11.68	24,290	23,330	20,400	26,240	20,890	to	26,710
35-9011	Dining Room & Cafeteria Attendants & Bartender Helpers	ST OJT	CTY	9.47	19,700	19,190	17,650	20,730	17,620	to	21,880
35-9021	Dishwashers	ST OJT	CTY	10.25	21,330	21,130	17,930	23,030	18,590	to	24,060
35-9031	Hosts & Hostesses: Restaurant, Lounge & Coffee Shop	ST OJT	CTY	9.75	20,290	19,590	17,690	21,590	17,750	to	22,710

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35-9099	Food Preparation & Serving Related Workers, Other	ST OJT	WDA	14.35	29,850	27,830	23,560	33,000	23,880	to	34,900
37-0000	Building & Grounds Cleaning & Maintenance Occupations	#	CTY	13.63	28,350	25,210	20,580	32,230	21,620	to	33,160
37-1011	Supervisors - Housekeeping & Janitorial Workers	WK EXP	CTY	19.49	40,530	40,680	26,640	47,480	29,030	to	48,910
37-1012	Supervisors - Landscaping & Groundskeeping Workers	WK EXP	CTY	28.22	58,690	62,340	36,460	69,800	39,000	to	76,430
37-2011	Janitors & Cleaners	ST OJT	CTY	13.13	27,310	24,800	20,720	30,610	21,620	to	31,280
37-2012	Maids & Housekeeping Cleaners	ST OJT	CTY	10.48	21,810	20,720	17,750	23,840	18,310	to	24,610
37-2021	Pest Control Workers	MT OJT	CTY	20.67	43,000	44,370	34,190	47,410	36,120	to	50,460
37-3011	Landscaping & Groundskeeping Workers	ST OJT	CTY	13.87	28,860	26,770	22,130	32,220	22,830	to	33,940
37-3012	Pesticide Handlers, Sprayers & Applicators, Vegetation	MT OJT	WDA	20.68	43,020	43,920	32,360	48,350	34,480	to	51,550
37-3013	Tree Trimmers & Pruners	ST OJT	WDA	20.19	42,000	42,550	35,540	45,230	37,210	to	47,360
37-3019	Grounds Maintenance Workers, Other	ST OJT	PA	27.61	57,430	64,750	43,410	64,440	45,840	to	65,450
39-0000	Personal Care & Service Occupations	#	CTY	12.03	25,020	21,640	17,470	28,790	18,110	to	28,920
39-1013	Supervisors - Gambling Services Workers	WK EXP	PA	22.79	47,390	47,030	28,830	56,680	36,250	to	59,350
39-1098	Supervisors - Personal Svc/Entertain't/Recr'n Workers	WK EXP	CTY	17.99	37,410	31,740	23,870	44,190	26,930	to	47,370
39-2011	Animal Trainers	MT OJT	WDA	14.15	29,430	28,250	20,810	33,740	22,780	to	34,060
39-2021	Nonfarm Animal Caretakers	ST OJT	CTY	11.00	22,870	20,220	17,250	25,690	17,720	to	24,960

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39-3011	Gaming Dealers	ST OJT	PA	10.09	20,990	18,730	17,500	22,740	17,300	to	20,630
39-3012	Gaming & Sports Book Writers & Runners	ST OJT	PA	12.96	26,950	24,230	22,870	28,990	22,330	to	26,440
39-3021	Motion Picture Projectionists	ST OJT	PA	9.75	20,280	19,270	18,450	21,190	17,910	to	20,620
39-3031	Ushers, Lobby Attendants & Ticket Takers	ST OJT	CTY	8.57	17,820	17,730	16,830	18,310	16,480	to	18,970
39-3091	Amusement & Recreation Attendants	ST OJT	CTY	9.20	19,130	18,120	17,150	20,120	16,850	to	19,500
39-3092	Costume Attendants	ST OJT	PA	19.67	40,910	38,770	24,090	49,330	27,630	to	51,630
39-3093	Locker Room, Coatroom & Dressing Room Attendants	ST OJT	WDA	9.48	19,710	18,610	17,580	20,780	17,230	to	20,110
39-4021	Funeral Attendants	ST OJT	CTY	13.97	29,050	29,160	21,340	32,910	22,920	to	34,380
39-4031	Morticians, Undertakers & Funeral Directors	AD+	CTY	29.42	61,200	56,630	35,860	73,870	42,180	to	77,250
39-5011	Barbers	PS	PA	14.39	29,930	27,130	20,050	34,860	21,420	to	36,820
39-5012	Hairdressers, Hairstylists & Cosmetologists	PS	CTY	14.00	29,110	28,370	19,070	34,130	20,760	to	33,400
39-5091	Makeup Artists, Theatrical & Performance	PS	PA	28.30	58,870	36,290	23,030	76,790	26,070	to	76,640
39-5092	Manicurists & Pedicurists	PS	WDA	9.73	20,230	18,430	16,940	21,880	16,900	to	22,520
39-5093	Shampooers	ST OJT	WDA	8.40	17,480	17,860	17,280	17,570	16,780	to	18,940
39-5094	Skincare Specialists	PS	WDA	17.31	36,000	34,710	25,840	41,090	30,250	to	39,030
39-6011	Baggage Porters & Bellhops	ST OJT	WDA	11.98	24,920	22,230	18,110	28,330	19,170	to	26,940

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39-6012	Concierges	MT OJT	WDA	14.72	30,620	27,910	21,630	35,120	23,120	to	34,000
39-7010	Tour & Travel Guides	MT OJT	WDA	12.39	25,760	23,950	20,160	28,570	20,970	to	29,220
39-9011	Childcare Workers	ST OJT	CTY	9.19	19,110	18,620	17,650	19,840	17,210	to	20,020
39-9031	Fitness Trainers & Aerobics Instructors	ST OJT	CTY	11.53	23,990	19,080	17,420	27,280	17,360	to	26,530
39-9032	Recreation Workers	ST OJT	CTY	11.05	22,980	20,240	17,500	25,720	17,920	to	27,070
39-9041	Residential Advisors	ST OJT	CTY	12.19	25,360	24,500	20,970	27,560	21,640	to	28,950
39-9098	Crematory Oprs & Other Personal Service Workers	ST OJT	WDA	14.50	30,170	30,280	29,540	30,480	28,340	to	32,070
41-0000	Sales & Related Occupations	#	CTY	18.42	38,310	27,040	19,070	47,920	20,430	to	48,240
41-1011	Supervisors - Retail Sales Workers	WK EXP	CTY	23.47	48,820	42,060	29,980	58,250	34,000	to	58,170
41-1012	Supervisors - Non-Retail Sales Workers	WK EXP	CTY	52.69	109,590	89,500	57,310	135,740	63,280	to	151,550
41-2011	Cashiers	ST OJT	CTY	10.22	21,260	20,640	17,440	23,170	18,080	to	23,740
41-2012	Gaming Change Persons & Booth Cashiers	ST OJT	PA	13.12	27,300	24,660	21,150	30,370	21,580	to	30,990
41-2021	Counter & Rental Clerks	ST OJT	CTY	16.50	34,310	31,020	18,410	42,260	19,630	to	47,410
41-2022	Parts Salespersons	MT OJT	CTY	20.38	42,380	41,970	31,740	47,710	34,660	to	50,200
41-2031	Retail Salespersons	ST OJT	CTY	13.97	29,060	24,230	18,290	34,440	19,570	to	30,900
41-3011	Advertising Sales Agents	MT OJT	CTY	23.60	49,100	41,510	33,400	56,950	35,730	to	57,540

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MAY 2019

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	l Rar Il Wa	•
41-3021	Insurance Sales Agents	MT OJT	CTY	25.32	52,670	48,860	36,620	60,690	41,850	to	57,170
41-3031	Securities, Commodities & Financial Services Sales Agents	BD+	CTY	25.23	52,480	42,700	35,520	60,960	36,540	to	66,470
41-3041	Travel Agents	MT OJT	WDA	19.23	40,010	35,850	26,350	46,840	28,630	to	48,460
41-3091	Sales Representatives - Services	MT OJT	CTY	32.54	67,690	60,120	33,380	84,840	39,200	to	77,690
41-4011	Sales Representatives, Technical & Scientific Products	BD+	WDA	44.66	92,900	80,020	49,540	114,580	58,350	to	110,640
41-4012	Sales Representatives	MT OJT	CTY	30.36	63,140	58,610	39,060	75,180	46,040	to	77,030
41-9011	Demonstrators & Product Promoters	ST OJT	WDA	14.15	29,440	24,410	19,150	34,580	20,360	to	38,660
41-9012	Models	ST OJT	PA	18.30	38,050	37,900	36,810	38,670	35,360	to	40,450
41-9022	Real Estate Sales Agents	MT OJT	CTY	21.55	44,820	41,660	34,820	49,820	35,770	to	55,100
41-9031	Sales Engineers	BD+	CTY	44.93	93,460	95,310	70,330	105,020	79,080	to	108,560
41-9041	Telemarketers	ST OJT	WDA	13.78	28,670	24,150	17,980	34,020	19,180	to	34,990
41-9091	Door-to-Door Sales Workers, News & Street Vendors & Related Workers	ST OJT	WDA	13.48	28,040	26,840	23,370	30,370	23,930	to	32,700
41-9099	Sales & Related Workers, Other	ST OJT	PA	15.82	32,900	25,520	22,450	38,120	22,610	to	32,620
43-0000	Office & Administrative Support Occupations	#	CTY	17.66	36,730	35,160	24,200	43,000	27,360	to	45,240
43-1011	Supervisors - Office & Administrative Support Workers	WK EXP	CTY	26.48	55,080	55,060	40,490	62,370	46,140	to	63,430
43-2011	Switchboard Operators	ST OJT	WDA	14.49	30,130	30,050	23,780	33,300	26,010	to	35,450

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MAY 2019

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43-2021	Telephone Operators	ST OJT	PA	19.16	39,840	37,160	25,560	46,990	29,170	to	53,820
43-2099	Communications Equipment Operators, Other	ST OJT	PA	27.10	56,380	59,340	33,960	67,590	39,650	to	74,610
43-3011	Bill & Account Collectors	MT OJT	CTY	18.27	38,000	37,580	32,720	40,630	33,690	to	42,370
43-3021	Billing & Posting Clerks	MT OJT	CTY	16.82	34,990	34,430	28,430	38,280	29,940	to	39,330
43-3031	Bookkeeping, Accounting & Auditing Clerks	PS+	CTY	18.57	38,620	37,610	27,340	44,260	30,410	to	46,220
43-3041	Gaming Cage Workers	ST OJT	PA	14.14	29,410	28,690	23,740	32,250	25,460	to	32,300
43-3051	Payroll & Timekeeping Clerks	MT OJT	CTY	21.34	44,390	44,320	33,550	49,810	36,550	to	52,030
43-3061	Procurement Clerks	MT OJT	CTY	23.82	49,550	49,190	43,000	52,830	45,980	to	53,770
43-3071	Tellers	ST OJT	CTY	14.66	30,480	30,800	25,580	32,930	26,730	to	35,090
43-3099	Financial Clerks, Other	ST OJT	WDA	20.36	42,350	42,880	30,820	48,120	36,500	to	48,630
43-4011	Brokerage Clerks	MT OJT	WDA	23.75	49,390	46,580	35,410	56,380	38,360	to	59,530
43-4021	Correspondence Clerks	ST OJT	WDA	17.80	37,030	30,900	27,520	41,780	27,810	to	47,090
43-4031	Court, Municipal & License Clerks	LT OJT	WDA	19.75	41,070	37,610	25,680	48,770	28,940	to	50,910
43-4041	Credit Authorizers, Checkers & Clerks	MT OJT	WDA	19.23	40,000	37,750	30,870	44,570	32,520	to	47,050
43-4051	Customer Service Representatives	ST OJT	CTY	15.96	33,190	31,480	22,800	38,390	25,360	to	39,760
43-4061	Eligibility Interviewers, Government Programs	MT OJT	WDA	22.99	47,820	47,610	39,330	52,060	42,050	to	51,990

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43-4071	File Clerks	ST OJT	CTY	12.82	26,670	25,490	16,800	31,610	17,780	to	32,390
43-4081	Hotel, Motel & Resort Desk Clerks	ST OJT	CTY	9.32	19,390	18,700	17,030	20,570	17,060	to	21,940
43-4111	Interviewers	ST OJT	CTY	18.99	39,500	39,540	30,440	44,030	32,260	to	47,210
43-4121	Library Assistants, Clerical	ST OJT	CTY	10.83	22,530	20,650	17,680	24,960	18,150	to	24,720
43-4131	Loan Interviewers & Clerks	ST OJT	WDA	17.89	37,220	37,770	23,830	43,920	27,820	to	46,200
43-4141	New Accounts Clerks	MT OJT	WDA	18.71	38,910	39,100	34,730	41,010	35,160	to	43,410
43-4151	Order Clerks	PS	CTY	18.69	38,870	36,890	30,610	43,000	33,000	to	45,850
43-4161	Human Resources Assistants	AD	CTY	19.57	40,700	40,560	33,200	44,460	35,090	to	47,490
43-4171	Receptionists & Information Clerks	ST OJT	CTY	13.86	28,830	27,510	21,500	32,500	23,180	to	32,360
43-4181	Reservation & Transportation Ticket Agents & Travel Clerks	ST OJT	WDA	21.08	43,840	39,560	23,640	53,940	28,860	to	62,000
43-4199	Information & Record Clerks, Other	ST OJT	WDA	21.22	44,130	43,710	35,110	48,640	37,480	to	49,030
43-5011	Cargo & Freight Agents	ST OJT	CTY	24.48	50,920	48,190	38,660	57,040	41,100	to	63,750
43-5021	Couriers & Messengers	ST OJT	WDA	13.84	28,780	27,850	22,060	32,140	23,580	to	32,170
43-5031	Police, Fire & Ambulance Dispatchers	MT OJT	CTY	19.44	40,430	39,980	35,840	42,720	36,030	to	44,700
43-5032	Dispatchers	MT OJT	CTY	22.04	45,850	42,950	31,680	52,930	34,420	to	54,440
43-5041	Meter Readers, Utilities	ST OJT	WDA	25.93	53,940	51,220	32,530	64,640	40,170	to	71,730

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43-5051	Postal Service Clerks	ST OJT	CTY	23.51	48,890	48,160	35,360	55,660	35,770	to	60,750
43-5052	Postal Service Mail Carriers	ST OJT	CTY	25.45	52,930	54,030	37,200	60,790	37,010	to	64,410
43-5053	Postal Service Mail Sorters, Processors & Processing Machine Operators	ST OJT	WDA	23.35	48,570	48,220	35,500	55,110	35,780	to	60,740
43-5061	Production, Planning & Expediting Clerks	MT OJT	CTY	22.20	46,180	46,520	34,160	52,190	38,290	to	52,720
43-5071	Shipping, Receiving & Traffic Clerks	ST OJT	CTY	17.77	36,960	37,080	26,870	42,010	29,510	to	44,350
43-5111	Weighers, Measurers, Checkers & Samplers, Recordkeeping	ST OJT	CTY	18.08	37,600	37,440	32,330	40,240	33,770	to	42,630
43-6011	Executive Secretaries & Executive Administrative Assistants	WK EXP	CTY	23.78	49,460	47,700	34,310	57,030	39,260	to	59,070
43-6012	Legal Secretaries	MT OJT	CTY	18.62	38,740	38,920	33,110	41,550	34,150	to	44,340
43-6013	Medical Secretaries	MT OJT	CTY	17.51	36,420	33,720	28,290	40,490	29,160	to	42,780
43-6014	Secretaries	ST OJT	CTY	16.70	34,730	33,750	23,380	40,400	26,620	to	43,090
43-9021	Data Entry Keyers	ST OJT	CTY	17.12	35,600	35,570	25,630	40,580	28,870	to	42,850
43-9022	Word Processors & Typists	ST OJT	WDA	18.41	38,290	37,220	31,590	41,640	32,980	to	42,060
43-9031	Desktop Publishers	AD	WDA	23.68	49,260	43,440	30,740	58,520	33,350	to	56,380
43-9041	Insurance Claims & Policy Processing Clerks	MT OJT	CTY	16.29	33,890	33,620	27,650	37,010	29,260	to	37,870
43-9051	Mail Clerks & Mail Machine Operators	ST OJT	CTY	13.75	28,610	26,620	21,080	32,370	22,100	to	31,110
43-9061	Office Clerks, General	ST OJT	CTY	15.95	33,170	31,540	22,660	38,430	25,170	to	40,030

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43-9071	Office Machine Operators	ST OJT	WDA	16.91	35,180	35,670	26,660	39,440	30,320	to	39,560
43-9081	Proofreaders & Copy Markers	BD	WDA	18.05	37,550	35,480	25,430	43,610	29,330	to	46,400
43-9111	Statistical Assistants	BD	WDA	22.34	46,460	44,940	37,490	50,940	40,350	to	51,390
43-9199	Office & Administrative Support Workers, Other	ST OJT	CTY	15.57	32,390	29,490	20,690	38,250	23,300	to	42,820
45-0000	Farming, Fishing & Forestry Occupations	#	CTY	14.81	30,800	29,110	20,450	35,970	22,470	to	37,550
45-1011	Farm & Forestry Worker Supervisors	WK EXP	CTY	22.88	47,580	47,090	30,570	56,090	31,410	to	64,440
45-2011	Agricultural Inspectors	BD	WDA	25.89	53,840	54,130	41,160	60,180	45,810	to	62,330
45-2021	Animal Breeders	ST OJT	PA	28.02	58,280	55,640	32,370	71,230	38,890	to	66,210
45-2041	Graders & Sorters, Agricultural Products	ST OJT	WDA	14.23	29,600	28,630	25,700	31,550	26,250	to	31,000
45-2091	Agricultural Equipment Operators	MT OJT	WDA	16.00	33,270	36,120	25,460	37,180	33,190	to	39,040
45-2092	Farmworkers & Laborers, Crop, Nursery & Greenhouse	ST OJT	CTY	13.58	28,250	27,540	23,720	30,510	24,860	to	30,340
45-2093	Farmworkers, Farm, Ranch & Aquacultural Animals	ST OJT	WDA	12.84	26,720	24,110	18,040	31,060	19,390	to	32,860
45-2099	Agricultural Workers, Other	ST OJT	WDA	19.96	41,520	40,790	22,900	50,830	23,590	to	58,050
45-4011	Forest & Conservation Workers	MT OJT	WDA	19.60	40,770	36,460	35,180	43,570	36,440	to	46,060
45-4021	Fallers	MT OJT	PA	17.75	36,910	40,570	25,650	42,540	27,990	to	45,460
45-4022	Logging Equipment Operators	MT OJT	WDA	16.61	34,550	31,800	25,590	39,030	27,410	to	39,650

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45-4023	Log Graders & Scalers	MT OJT	PA	18.82	39,150	38,290	28,720	44,360	31,330	to	47,260
45-4029	Logging Workers, Other	MT OJT	PA	11.70	24,340	20,360	17,070	27,980	17,680	to	24,490
47-0000	Construction & Extraction Occupations	#	CTY	21.53	44,790	42,300	30,220	52,070	33,590	to	54,380
47-1011	Supervisors - Construction Trades & Extraction Workers	WK EXP	CTY	29.07	60,460	59,780	42,600	69,400	48,710	to	72,110
47-2011	Boilermakers	LT OJT	WDA	31.30	65,110	61,250	49,720	72,800	52,600	to	78,420
47-2021	Brickmasons & Blockmasons	LT OJT	CTY	14.10	29,320	23,260	22,380	32,790	21,430	to	41,590
47-2022	Stonemasons	LT OJT	WDA	18.07	37,590	32,250	28,400	42,180	28,870	to	38,760
47-2031	Carpenters	LT OJT	CTY	21.91	45,570	43,370	32,480	52,120	35,350	to	54,840
47-2041	Carpet Installers	ST OJT	WDA	15.31	31,840	24,060	19,900	37,810	20,600	to	39,990
47-2042	Floor Layers	MT OJT	PA	24.28	50,500	46,080	35,190	58,160	39,330	to	52,660
47-2043	Floor Sanders & Finishers	MT OJT	PA	20.19	41,990	40,260	33,060	46,450	34,990	to	48,590
47-2044	Tile & Marble Setters	LT OJT	WDA	19.40	40,360	38,570	33,440	43,810	34,380	to	46,300
47-2051	Cement Masons & Concrete Finishers	MT OJT	CTY	20.56	42,760	37,190	30,980	48,660	32,690	to	49,140
47-2061	Construction Laborers	ST OJT	CTY	15.62	32,490	31,020	25,620	35,920	26,930	to	36,520
47-2071	Paving, Surfacing & Tamping Equipment Operators	MT OJT	WDA	18.89	39,290	37,240	28,080	44,900	29,940	to	45,150
47-2072	Pile-Driver Operators	MT OJT	PA	36.80	76,540	75,410	47,300	91,160	53,400	to	99,000

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47-2073	Operating Engineers & Other Construction Equipment Operators	MT OJT	CTY	20.57	42,780	42,030	32,750	47,790	38,000	to	49,720
47-2081	Drywall & Ceiling Tile Installers	MT OJT	WDA	27.77	57,770	53,130	40,280	66,510	43,920	to	62,580
47-2082	Tapers	MT OJT	WDA	30.86	64,180	55,170	41,130	75,710	44,780	to	85,260
47-2111	Electricians	LT OJT	CTY	28.65	59,580	58,020	42,180	68,280	48,490	to	64,870
47-2121	Glaziers	LT OJT	WDA	23.69	49,280	47,710	38,610	54,620	42,040	to	55,480
47-2131	Insulation Workers, Floor, Ceiling & Wall	ST OJT	WDA	18.07	37,590	35,650	27,580	42,590	29,750	to	43,540
47-2132	Insulation Workers, Mechanical	LT OJT	WDA	38.41	79,880	77,670	53,570	93,040	61,760	to	97,080
47-2141	Painters, Construction & Maintenance	MT OJT	CTY	24.46	50,880	52,720	41,240	55,710	48,410	to	56,490
47-2142	Paperhangers	LT OJT	WDA	18.05	37,550	36,690	33,800	39,430	33,830	to	39,560
47-2151	Pipelayers	ST OJT	WDA	20.21	42,030	40,400	32,730	46,680	35,470	to	48,430
47-2152	Plumbers, Pipefitters & Steamfitters	LT OJT	CTY	22.29	46,360	45,840	38,910	50,090	41,100	to	50,230
47-2161	Plasterers & Stucco Masons	LT OJT	WDA	22.69	47,190	47,640	46,750	47,410	44,630	to	50,680
47-2171	Reinforcing Iron & Rebar Workers	LT OJT	PA	35.43	73,700	69,600	52,260	84,420	56,850	to	91,120
47-2181	Roofers	MT OJT	CTY	22.61	47,030	45,740	32,870	54,110	35,770	to	54,930
47-2211	Sheet Metal Workers	LT OJT	CTY	20.20	42,010	37,770	30,610	47,710	32,240	to	52,710
47-2221	Structural Iron & Steel Workers	LT OJT	WDA	25.35	52,730	51,280	36,380	60,900	40,140	to	62,680

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47-3011	HelpersBrick, Block & Stonemasons & Tile & Marble Setters	ST OJT	WDA	19.32	40,200	35,240	26,320	47,130	29,610	to	44,250
47-3012	HelpersCarpenters	ST OJT	CTY	17.48	36,370	36,040	30,230	39,440	31,880	to	40,220
47-3013	HelpersElectricians	ST OJT	CTY	14.05	29,230	29,620	23,540	32,080	24,570	to	33,940
47-3014	HelpersPainters, Paperhangers, Plasterers & Stucco Masons	ST OJT	PA	14.26	29,650	29,140	21,380	33,790	23,820	to	35,030
47-3015	HelpersPipelayers, Plumbers, Pipefitters & Steamfitters	ST OJT	WDA	18.91	39,340	41,350	26,840	45,580	30,060	to	47,270
47-3016	HelpersRoofers	ST OJT	PA	14.62	30,410	30,000	25,350	32,940	26,700	to	34,720
47-3019	Helpers, Construction Trades, Other	ST OJT	WDA	16.74	34,820	34,220	29,090	37,690	32,350	to	37,360
47-4011	Construction & Building Inspectors	WK EXP	CTY	28.05	58,340	58,220	48,150	63,440	52,870	to	63,850
47-4021	Elevator Installers & Repairers	LT OJT	WDA	40.64	84,530	87,630	53,190	100,200	59,410	to	102,130
47-4031	Fence Erectors	MT OJT	WDA	15.69	32,640	31,350	26,080	35,920	27,240	to	37,890
47-4041	Hazardous Materials Removal Workers	MT OJT	CTY	21.61	44,940	47,170	34,250	50,280	38,630	to	52,710
47-4051	Highway Maintenance Workers	MT OJT	CTY	22.58	46,970	46,000	34,310	53,290	38,180	to	53,270
47-4061	Rail-Track Laying & Maintenance Equipment Operators	MT OJT	PA	27.26	56,690	56,760	40,750	64,660	45,730	to	66,270
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	MT OJT	WDA	19.64	40,860	40,700	30,650	45,960	34,400	to	47,800
47-4090	Miscellaneous Construction & Related Workers	MT OJT	WDA	34.01	70,740	58,370	34,510	88,850	39,780	to	111,020
47-5011	Derrick Operators, Oil & Gas	ST OJT	PA	21.90	45,560	45,510	37,730	49,470	40,690	to	50,330

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47-5012	Rotary Drill Operators, Oil & Gas	MT OJT	PA	25.72	53,490	54,230	35,100	62,680	39,500	to	62,720
47-5013	Service Unit Operators, Oil, Gas & Mining	MT OJT	PA	20.18	41,970	38,600	30,220	47,850	32,000	to	50,250
47-5022	Excavating & Loading Machine Oprs, Surface Mining	WK EXP	CTY	19.85	41,290	40,970	34,340	44,770	35,590	to	46,890
47-5041	Continuous Mining Machine Operators	MT OJT	PA	24.34	50,620	48,310	39,500	56,180	42,570	to	59,780
47-5043	Roof Bolters, Mining	MT OJT	PA	32.76	68,140	71,560	54,340	75,040	59,820	to	78,080
47-5044	Loading & Moving Machine Operators, Underground Mining	ST OJT	PA	27.95	58,140	58,560	45,190	64,620	52,110	to	68,190
47-5051	Rock Splitters, Quarry	ST OJT	PA	17.84	37,110	36,560	31,400	39,960	32,740	to	41,130
47-5071	Roustabouts, Oil & Gas	MT OJT	PA	17.25	35,870	35,170	27,050	40,290	30,060	to	40,920
47-5081	HelpersExtraction Workers	MT OJT	PA	19.01	39,530	37,420	31,150	43,720	32,620	to	45,910
47-5097	Earth Drillers, Explosives Workers & Ordnance Handlers	MT OJT	WDA	25.83	53,740	50,760	38,690	61,260	41,990	to	63,110
47-5098	Underground Mining Machine Oprs & Other Workers	MT OJT	PA	32.53	67,660	72,540	51,410	75,790	61,960	to	78,990
49-0000	Installation, Maintenance & Repair Occupations	#	CTY	23.30	48,470	48,470	33,920	55,750	39,580	to	58,400
49-1011	Supervisors - Mechanics, Installers & Repairers	WK EXP	CTY	34.20	71,140	72,920	52,380	80,530	60,430	to	80,460
49-2011	Computer, Automated Teller & Office Machine Repairers	PS	WDA	21.38	44,480	42,200	27,800	52,820	32,430	to	57,280
49-2021	Radio, Cellular & Tower Equipment Installers & Repairers	AD+	WDA	32.45	67,500	62,110	43,210	79,650	47,710	to	90,600
49-2022	Telecommunications Equipment Installers & Repairers	PS+	CTY	34.11	70,950	71,670	70,120	71,370	67,220	to	76,120

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

MAY 2019

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 (•
49-2091	Avionics Technicians	AD	PA	33.43	69,540	65,000	53,300	77,660	57,110	to	83,820
49-2092	Electric Motor, Power Tool & Related Repairers	WK EXP	WDA	25.08	52,160	53,840	41,090	57,690	44,830	to	60,450
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment	PS+	WDA	36.55	76,020	66,000	47,540	90,260	50,840	to	108,090
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment	PS+	CTY	28.02	58,290	58,410	51,260	61,800	53,870	to	62,210
49-2095	Electrical & Electronics Repairers, Powerhouse, Substation & Relay	PS	WDA	35.19	73,200	72,790	62,890	78,360	66,890	to	80,470
49-2096	Electronic Equipment Installers & Repairers, Motor Vehicles	MT OJT	WDA	17.96	37,350	34,330	25,340	43,360	27,730	to	40,250
49-2097	Electronic Home Entertainment Equipment Installers & Repairers	PS	PA	20.51	42,660	42,980	30,880	48,560	34,670	to	49,620
49-2098	Security & Fire Alarm Systems Installers	MT OJT	WDA	23.31	48,480	47,330	33,960	55,740	38,010	to	58,680
49-3011	Aircraft Mechanics & Service Technicians	PS	WDA	29.38	61,120	55,290	43,180	70,090	49,410	to	63,080
49-3021	Automotive Body & Related Repairers	LT OJT	CTY	21.71	45,150	46,950	28,270	53,590	31,750	to	57,680
49-3022	Automotive Glass Installers & Repairers	MT OJT	PA	17.38	36,150	35,480	29,270	39,580	31,410	to	39,600
49-3023	Automotive Service Technicians & Mechanics	PS	CTY	19.52	40,610	39,950	28,420	46,700	31,780	to	48,550
49-3031	Bus & Truck Mechanics & Diesel Engine Specialists	LT OJT	CTY	22.42	46,630	46,380	38,790	50,550	41,710	to	51,330
49-3041	Farm Equipment Mechanics & Service Technicians	LT OJT	CTY	20.03	41,660	43,180	32,780	46,110	37,000	to	47,620
49-3042	Mobile Heavy Equipment Mechanics	LT OJT	WDA	24.06	50,050	49,690	41,340	54,410	43,820	to	57,540
49-3043	Rail Car Repairers	LT OJT	PA	30.56	63,570	65,650	48,590	71,050	55,080	to	75,230

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MAY 2019

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49-3051	Motorboat Mechanics & Service Technicians	LT OJT	WDA	18.43	38,330	38,070	28,340	43,330	33,390	to	45,550
49-3052	Motorcycle Mechanics	PS	WDA	17.57	36,560	35,620	25,950	41,860	29,250	to	42,700
49-3053	Outdoor Power Equipment & Other Small Engine Mechanics	MT OJT	CTY	18.77	39,050	38,250	31,950	42,590	33,610	to	44,690
49-3091	Bicycle Repairers	MT OJT	PA	14.17	29,480	29,400	19,930	34,260	21,890	to	36,720
49-3092	Recreational Vehicle Service Technicians	LT OJT	WDA	19.17	39,880	38,600	33,070	43,280	34,470	to	45,590
49-3093	Tire Repairers & Changers	ST OJT	CTY	16.66	34,640	35,420	31,100	36,420	32,750	to	38,090
49-9011	Mechanical Door Repairers	MT OJT	WDA	20.11	41,840	42,490	32,160	46,680	35,320	to	47,740
49-9012	Control & Valve Installers & Repairers	MT OJT	CTY	25.11	52,230	46,410	36,070	60,310	38,500	to	64,940
49-9021	Heating, A/C & Refrigeration Mechanics & Installers	PS+	CTY	23.05	47,940	48,810	36,090	53,860	41,140	to	58,070
49-9031	Home Appliance Repairers	MT OJT	WDA	23.61	49,110	53,300	32,640	57,350	38,000	to	59,590
49-9041	Industrial Machinery Mechanics	LT OJT	CTY	26.03	54,140	55,560	40,040	61,190	45,390	to	60,950
49-9043	Maintenance Workers, Machinery	LT OJT	CTY	22.61	47,030	46,730	43,070	49,010	42,760	to	50,700
49-9044	Millwrights	LT OJT	WDA	27.11	56,390	54,650	41,070	64,050	45,160	to	63,810
49-9045	Refractory Materials Repairers	MT OJT	PA	23.75	49,390	47,300	36,310	55,940	40,730	to	55,140
49-9051	Electrical Power-Line Installers & Repairers	LT OJT	CTY	36.88	76,710	77,890	65,370	82,380	69,710	to	84,900
49-9052	Telecommunications Line Installers & Repairers	LT OJT	WDA	24.54	51,050	48,540	33,160	60,000	37,650	to	61,390

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49-9061	Camera & Photographic Equipment Repairers	LT OJT	PA	20.01	41,620	37,960	31,560	46,640	33,660	to	46,540
49-9062	Medical Equipment Repairers	AD	WDA	23.71	49,320	41,390	30,670	58,640	33,250	to	64,700
49-9063	Musical Instrument Repairers & Tuners	LT OJT	WDA	16.22	33,750	33,570	22,010	39,620	25,880	to	44,010
49-9069	Precision Instrument & Equipment Repairers, Other	LT OJT	WDA	28.42	59,110	58,400	52,710	62,310	53,850	to	62,200
49-9071	Maintenance & Repair Workers, General	MT OJT	CTY	20.17	41,950	43,530	28,190	48,840	32,690	to	50,770
49-9081	Wind Turbine Service Technicians	PS+	PA	29.05	60,420	57,870	43,320	68,970	46,350	to	72,800
49-9091	Coin, Vending & Amusement Machine Servicers & Repairers	ST OJT	WDA	20.08	41,770	43,280	25,880	49,720	32,160	to	51,130
49-9094	Locksmiths & Safe Repairers	LT OJT	WDA	20.83	43,320	43,440	34,490	47,730	37,860	to	48,540
49-9095	Manufactured Building & Mobile Home Installers	ST OJT	PA	13.21	27,470	24,850	22,330	30,030	22,360	to	32,000
49-9096	Riggers	MT OJT	WDA	21.56	44,850	43,610	33,970	50,300	36,520	to	52,600
49-9097	Signal & Track Switch Repairers	MT OJT	PA	34.64	72,040	72,840	58,430	78,850	65,150	to	80,030
49-9098	HelpersInstallation, Maintenance & Repair Workers	ST OJT	CTY	13.88	28,870	25,660	22,390	32,100	23,040	to	34,180
49-9099	Installation, Maintenance & Repair Workers, Other	MT OJT	CTY	20.06	41,720	40,450	26,780	49,190	29,260	to	55,310
51-0000	Production Occupations	#	CTY	20.12	41,860	40,900	27,480	49,050	31,420	to	51,390
51-1011	Supervisors - Production & Operating Workers	WK EXP	CTY	29.01	60,330	59,590	36,770	72,110	42,450	to	75,870
51-2011	Aircraft Structure, Surfaces, Rigging & Systems Assemblers	MT OJT	PA	35.33	73,480	80,900	42,810	88,820	49,450	to	97,550

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51-2021	Coil Winders, Tapers & Finishers	MT OJT	WDA	13.86	28,830	23,650	18,410	34,040	19,770	to	32,960
51-2028	Electrical, Electronic & Electromechanical Assemblers, Except Coil Winders, Tapers & Finishers	MT OJT	WDA	15.56	32,370	30,010	23,610	36,750	25,250	to	37,560
51-2031	Engine & Other Machine Assemblers	MT OJT	WDA	23.00	47,850	47,340	40,940	51,310	42,720	to	51,960
51-2041	Structural Metal Fabricators & Fitters	MT OJT	WDA	20.88	43,430	43,980	32,800	48,740	36,910	to	49,640
51-2051	Fiberglass Laminators & Fabricators	MT OJT	PA	24.69	51,360	39,140	31,550	61,270	33,950	to	61,760
51-2090	Misc. Assemblers & Fabricators	MT OJT	CTY	20.07	41,750	44,090	26,090	49,580	29,830	to	53,080
51-3011	Bakers	LT OJT	WDA	13.43	27,940	25,480	19,610	32,110	20,980	to	34,200
51-3021	Butchers & Meat Cutters	LT OJT	CTY	14.63	30,430	30,650	22,690	34,300	24,240	to	35,350
51-3022	Meat, Poultry & Fish Cutters & Trimmers	ST OJT	CTY	14.47	30,100	31,750	23,340	33,470	24,380	to	35,710
51-3023	Slaughterers & Meat Packers	ST OJT	WDA	13.76	28,610	28,860	24,750	30,540	26,400	to	31,330
51-3091	Food & Tobacco Roasting, Baking & Drying Machine Operators & Tenders	MT OJT	WDA	14.69	30,560	29,200	25,320	33,180	26,280	to	34,010
51-3092	Food Batchmakers	MT OJT	WDA	17.88	37,200	38,140	25,040	43,280	28,050	to	46,410
51-3093	Food Cooking Machine Operators & Tenders	MT OJT	WDA	17.59	36,590	35,880	27,920	40,920	30,030	to	44,500
51-3099	Food Processing Workers, Other	MT OJT	WDA	13.41	27,890	27,180	23,040	30,320	23,810	to	30,580
51-4021	Extruding & Drawing Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	WDA	19.37	40,290	38,590	31,340	44,760	33,360	to	45,820
51-4022	Forging Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	PA	21.60	44,940	45,670	32,780	51,010	37,170	to	52,700

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MAY 2019

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51-4023	Rolling Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	WDA	23.12	48,090	52,650	33,160	55,550	36,900	to	58,550
51-4031	Cutting, Punching & Press Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	CTY	18.61	38,710	36,580	30,850	42,640	32,330	to	42,450
51-4032	Drilling & Boring Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	WDA	20.63	42,900	45,060	33,910	47,400	40,970	to	49,190
51-4033	Grinding, Lapping, Polishing & Buffing Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	CTY	14.49	30,130	29,110	25,000	32,690	26,480	to	31,760
51-4034	Lathe & Turning Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	WDA	20.76	43,170	43,900	30,380	49,570	34,880	to	50,540
51-4035	Milling & Planing Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	PA	24.76	51,510	49,790	36,710	58,910	41,280	to	61,820
51-4041	Machinists	LT OJT	CTY	21.22	44,140	43,810	32,160	50,120	36,260	to	51,710
51-4051	Metal-Refining Furnace Operators & Tenders	MT OJT	WDA	19.51	40,580	39,390	30,050	45,850	32,830	to	48,970
51-4052	Pourers & Casters, Metal	MT OJT	WDA	20.57	42,790	46,270	25,110	51,620	25,440	to	57,050
51-4061	Model Makers, Metal & Plastic	MT OJT	PA	28.34	58,950	56,720	36,540	70,160	40,680	to	76,410
51-4062	Patternmakers, Metal & Plastic	MT OJT	WDA	22.97	47,790	47,720	37,940	52,710	40,050	to	56,240
51-4071	Foundry Mold & Coremakers	MT OJT	WDA	18.26	37,990	36,130	24,590	44,690	25,950	to	49,310
51-4072	Molding, Coremaking & Casting Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	CTY	19.14	39,820	38,700	31,260	44,100	33,860	to	45,780
51-4081	Multiple Machine Tool Setters, Operators & Tenders, Metal & Plastic	MT OJT	CTY	18.22	37,890	35,120	27,770	42,950	29,410	to	45,380
51-4111	Tool & Die Makers	PS+	WDA	25.89	53,850	54,900	40,660	60,440	45,730	to	62,200
51-4121	Welders, Cutters, Solderers & Brazers	MT OJT	CTY	23.89	49,690	51,160	36,170	56,450	39,610	to	58,840

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MAY 2019

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51-4122	Welding, Soldering & Brazing Machine Setters, Operators & Tenders	MT OJT	WDA	18.53	38,530	41,240	25,760	44,920	29,020	to	47,890
51-4191	Heat Treating Equipment Setters, Operators & Tenders, Metal & Plastic	MT OJT	WDA	20.73	43,110	43,890	30,920	49,210	34,900	to	51,720
51-4192	Layout Workers, Metal & Plastic	MT OJT	WDA	18.20	37,850	43,320	18,150	47,700	19,130	to	51,380
51-4193	Plating & Coating Machine Setters, Operators & Tenders, Metal & Plastic	MT OJT	WDA	18.35	38,170	37,460	28,030	43,240	30,620	to	45,860
51-4194	Tool Grinders, Filers & Sharpeners	MT OJT	WDA	17.54	36,470	34,900	27,700	40,860	29,270	to	40,980
51-4199	Metal Workers & Plastic Workers, Other	MT OJT	WDA	16.68	34,700	29,890	22,800	40,660	24,800	to	40,780
51-5111	Prepress Technician & Workers	PS	WDA	19.75	41,080	40,330	31,800	45,720	34,240	to	48,010
51-5112	Printing Press Operators	MT OJT	CTY	17.25	35,880	34,750	24,710	41,470	26,210	to	43,920
51-5113	Print Binding & Finishing Workers	MT OJT	WDA	16.76	34,860	35,330	25,080	39,740	28,470	to	41,710
51-6011	Laundry & Dry-Cleaning Workers	ST OJT	CTY	14.85	30,890	27,330	21,250	35,710	22,240	to	41,480
51-6021	Pressers: Textile, Garment & Related Materials	ST OJT	WDA	11.64	24,210	23,710	20,510	26,050	21,080	to	27,210
51-6031	Sewing Machine Operators	ST OJT	WDA	12.97	26,980	26,640	20,980	29,990	22,360	to	30,600
51-6041	Shoe & Leather Workers & Repairers	MT OJT	PA	13.22	27,490	25,680	21,540	30,470	22,230	to	33,490
51-6051	Sewers, Hand	MT OJT	PA	14.23	29,600	29,330	21,660	33,560	22,900	to	36,890
51-6052	Tailors, Dressmakers & Custom Sewers	MT OJT	WDA	15.15	31,520	27,370	23,100	35,730	23,500	to	34,300
51-6061	Textile Bleaching & Dyeing Machine Operators & Tenders	ST OJT	PA	16.66	34,650	34,210	26,070	38,950	28,560	to	38,700

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51-6062	Textile Cutting Machine Setters, Operators & Tenders	MT OJT	WDA	12.68	26,370	25,820	22,680	28,220	22,800	to	29,470
51-6063	Textile Knitting & Weaving Machine Setters, Operators & Tenders	ST OJT	PA	16.02	33,330	29,400	26,060	36,970	26,510	to	35,710
51-6064	Textile Winding, Twisting & Drawing Out Machine Setters, Operators & Tenders	MT OJT	PA	15.81	32,890	31,870	24,260	37,210	26,070	to	37,950
51-6091	Extruding & Forming Machine Setters, Operators & Tenders, Synthetic & Glass Fibers	MT OJT	PA	23.52	48,910	50,910	35,540	55,600	42,000	to	59,300
51-6092	Fabric & Apparel Patternmakers	MT OJT	PA	20.95	43,570	34,350	26,810	51,950	28,600	to	52,420
51-6093	Upholsterers	MT OJT	WDA	12.84	26,710	25,770	21,310	29,410	22,050	to	30,210
51-6099	Textile, Apparel & Furnishings Workers, Other	ST OJT	WDA	14.61	30,380	25,050	23,000	34,070	22,620	to	30,580
51-7011	Cabinetmakers & Bench Carpenters	MT OJT	CTY	17.86	37,150	37,630	28,470	41,490	31,900	to	44,240
51-7021	Furniture Finishers	ST OJT	WDA	15.37	31,970	31,770	20,350	37,780	22,440	to	40,140
51-7041	Sawing Machine Setters, Operators & Tenders, Wood	MT OJT	CTY	17.77	36,960	36,460	30,080	40,400	31,830	to	40,980
51-7042	Woodworking Machine Setters, Operators & Tenders	MT OJT	CTY	15.81	32,890	32,430	27,900	35,390	28,970	to	37,460
51-7099	Woodworkers, Other	MT OJT	WDA	24.54	51,050	51,140	46,620	53,260	48,440	to	54,280
51-8012	Power Distributors & Dispatchers	LT OJT	PA	44.57	92,700	91,420	63,920	107,090	73,130	to	109,030
51-8013	Power Plant Operators	LT OJT	CTY	31.49	65,500	64,290	50,470	73,020	53,870	to	77,060
51-8021	Stationary Engineers & Boiler Operators	LT OJT	WDA	27.01	56,190	57,450	46,180	61,190	51,500	to	62,920
51-8031	Water & Wastewater Treatment Plant & System Operators	LT OJT	CTY	23.22	48,300	48,440	41,730	51,590	43,710	to	53,440

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51-8091	Chemical Plant & System Operators	MT OJT	PA	30.74	63,950	60,550	50,190	70,830	54,390	to	71,330
51-8092	Gas Plant Operators	LT OJT	WDA	31.81	66,170	68,870	53,000	72,760	57,900	to	76,370
51-8093	Petroleum Pump System Operators, Refinery Operators & Gaugers	MT OJT	WDA	23.45	48,770	50,080	35,530	55,380	37,950	to	58,110
51-8099	Plant & System Operators, Other	MT OJT	WDA	28.49	59,250	57,250	51,910	62,920	53,820	to	62,780
51-9011	Chemical Equipment Operators & Tenders	MT OJT	WDA	18.48	38,440	37,130	28,650	43,330	30,300	to	45,960
51-9012	Separating, Filtering, Clarifying, Precipitating & Still Machine Setters, Operators & Tenders	MT OJT	WDA	20.91	43,490	45,890	26,550	51,960	29,460	to	55,330
51-9021	Crushing, Grinding & Polishing Machine Setters, Operators & Tenders	MT OJT	WDA	20.65	42,950	45,180	30,800	49,020	34,550	to	50,930
51-9022	Grinding & Polishing Workers, Hand	MT OJT	WDA	18.36	38,180	40,260	26,710	43,910	30,170	to	46,630
51-9023	Mixing & Blending Machine Setters, Operators & Tenders	MT OJT	CTY	19.09	39,710	38,330	33,140	42,990	34,620	to	43,360
51-9031	Cutters & Trimmers, Hand	ST OJT	WDA	13.61	28,310	28,190	25,170	29,880	25,760	to	30,620
51-9032	Cutting & Slicing Machine Setters, Operators & Tenders	MT OJT	CTY	13.75	28,600	27,290	20,490	32,660	22,330	to	32,330
51-9041	Extruding, Forming, Pressing & Compacting Machine Setters, Operators & Tenders	MT OJT	WDA	19.89	41,370	39,810	30,650	46,730	32,630	to	48,910
51-9051	Furnace, Kiln, Oven, Drier & Kettle Operators & Tenders	MT OJT	WDA	19.69	40,950	39,380	33,290	44,790	34,600	to	47,600
51-9061	Inspectors, Testers, Sorters, Samplers & Weighers	MT OJT	CTY	23.89	49,700	50,530	38,720	55,190	42,860	to	57,540
51-9071	Jewelers & Precious Stone & Metal Workers	LT OJT	WDA	23.61	49,120	47,110	34,240	56,550	40,790	to	55,320
51-9081	Dental Laboratory Technicians	MT OJT	WDA	20.16	41,940	41,030	31,000	47,410	33,710	to	49,180

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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 (_
51-9082	Medical Appliance Technicians	MT OJT	PA	21.20	44,090	43,110	30,220	51,020	34,390	to	51,510
51-9083	Ophthalmic Laboratory Technicians	MT OJT	WDA	17.81	37,050	37,140	30,520	40,310	33,590	to	40,920
51-9111	Packaging & Filling Machine Operators & Tenders	MT OJT	WDA	17.66	36,740	36,340	27,240	41,490	30,250	to	44,220
51-9123	Painting, Coating & Decorating Workers	MT OJT	WDA	17.94	37,320	33,630	28,140	41,910	32,330	to	44,620
51-9124	Coating, Painting & Spraying Machine Oprs/Tenders	MT OJT	CTY	20.95	43,580	45,310	33,350	48,690	38,530	to	50,370
51-9141	Semiconductor Processors	MT OJT	PA	19.18	39,900	37,750	30,230	44,740	32,260	to	46,500
51-9151	Photographic Process Workers & Processing Machine Operators	ST OJT	WDA	15.37	31,980	31,390	25,900	35,010	27,080	to	36,610
51-9161	CNC Tool Operators	MT OJT	CTY	21.08	43,840	41,030	35,050	48,230	36,140	to	52,380
51-9162	CNC Tool Programmers	PS	WDA	31.56	65,650	62,280	49,250	73,850	52,550	to	76,100
51-9191	Adhesive Bonding Machine Operators & Tenders	MT OJT	WDA	13.92	28,960	26,180	21,970	32,450	22,320	to	32,560
51-9192	Cleaning, Washing & Metal Pickling Equipment Operators & Tenders	MT OJT	WDA	18.63	38,760	36,470	28,050	44,110	31,300	to	42,650
51-9193	Cooling & Freezing Equipment Operators & Tenders	MT OJT	WDA	17.86	37,140	33,080	23,630	43,900	26,500	to	50,990
51-9194	Etchers & Engravers	MT OJT	WDA	17.68	36,770	36,630	29,780	40,270	31,840	to	43,190
51-9195	Molders, Shapers & Casters, Except Metal & Plastic	LT OJT	CTY	18.19	37,830	36,590	31,790	40,850	32,910	to	41,300
51-9196	Paper Goods Machine Setters, Operators & Tenders	MT OJT	WDA	20.15	41,920	42,030	31,020	47,360	33,910	to	49,700
51-9197	Tire Builders	MT OJT	PA	16.77	34,890	33,950	27,390	38,640	29,140	to	38,810

^{* -} Occupation generally not compensated at an hourly rate

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

MAY 2019

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 Ran al Wa	_
51-9198	HelpersProduction Workers	ST OJT	CTY	15.63	32,510	33,630	26,530	35,490	28,780	to	37,240
51-9199	Production Workers, Other	MT OJT	CTY	13.28	27,620	23,170	21,820	30,520	21,170	to	28,140
53-0000	Transportation & Material Moving Occupations	#	CTY	17.01	35,370	34,680	24,130	40,990	27,260	to	42,110
53-1041	Aircraft Cargo Handling Supervisors	WK EXP	WDA	25.55	53,150	42,690	33,870	62,780	36,030	to	81,480
53-1047	Supervisors - Transportation & Material Moving Workers	WK EXP	CTY	26.87	55,880	57,660	34,710	66,460	38,340	to	66,760
53-2011	Airline Pilots, Copilots & Flight Engineers	BD+	WDA	*	104,340	101,600	85,430	113,800	87,850	to	121,260
53-2012	Commercial Pilots	MT OJT	WDA	*	83,250	72,570	65,790	91,970	69,250	to	86,860
53-2021	Air Traffic Controllers	AD+	PA	54.61	113,590	105,990	67,480	136,640	77,930	to	149,890
53-2022	Airfield Operations Specialists	LT OJT	PA	34.96	72,730	67,180	35,490	91,350	41,860	to	82,540
53-3011	Ambulance Drivers & Attendants	MT OJT	WDA	11.93	24,820	24,950	21,060	26,710	22,070	to	27,910
53-3031	Driver/Sales Workers	ST OJT	CTY	10.74	22,340	19,190	18,200	24,420	17,770	to	20,610
53-3032	Heavy & Tractor-Trailer Truck Drivers	PS	CTY	19.98	41,560	40,550	35,160	44,750	36,320	to	47,090
53-3033	Light Truck or Delivery Services Drivers	ST OJT	CTY	11.43	23,770	21,580	17,740	26,780	18,830	to	24,670
53-3052	Bus Drivers, Transit & Intercity	MT OJT	WDA	16.95	35,250	31,930	27,750	39,000	28,330	to	38,910
53-3058	Passenger Vehicle Drivers	ST OJT	CTY	14.37	29,890	28,900	19,570	35,050	20,990	to	35,160
53-3099	Motor Vehicle Operators, Other	ST OJT	WDA	19.14	39,810	44,760	23,010	48,210	24,890	to	51,140

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MAY 2019

SOC Code	Occupational Title	Educ. Level	Area Type	Average Hourly Wage (\$)	Average Annual Wage (\$)	Median Annual Wage (\$)	Entry Annual Wage (\$)	Exper'd Annual Wage (\$)			_
53-4011	Locomotive Engineers	WK EXP	PA	35.92	74,700	72,290	55,430	84,340	61,030	to	86,550
53-4013	Rail Yard Engineers, Dinkey Operators & Hostlers	MT OJT	PA	25.07	52,140	47,610	39,280	58,580	41,670	to	59,680
53-4022	Railroad Brake/Signal/Switch Oprs & Locomotive Firers	MT OJT	PA	28.41	59,100	57,800	38,430	69,430	44,960	to	69,960
53-4031	Railroad Conductors & Yardmasters	MT OJT	PA	32.78	68,180	65,520	49,460	77,540	53,880	to	80,900
53-5021	Captains, Mates & Pilots of Water Vessels	PS+	PA	37.43	77,850	80,540	43,790	94,880	54,180	to	98,090
53-5031	Ship Engineers	PS+	PA	34.13	70,990	69,970	39,530	86,710	43,700	to	87,620
53-6011	Bridge & Lock Tenders	ST OJT	PA	26.00	54,090	55,190	48,470	56,900	50,330	to	57,280
53-6021	Parking Lot Attendants	ST OJT	WDA	11.36	23,630	22,720	18,980	25,960	19,950	to	26,150
53-6031	Automotive & Watercraft Service Attendants	ST OJT	CTY	9.35	19,450	17,880	16,770	20,790	16,480	to	24,640
53-6041	Traffic Technicians	MT OJT	PA	28.93	60,170	59,060	44,660	67,930	51,270	to	68,570
53-6051	Transportation Inspectors	MT OJT	WDA	37.06	77,080	64,370	51,900	89,670	56,520	to	103,430
53-6061	Transportation Attendants	ST OJT	PA	13.30	27,670	26,780	21,370	30,820	22,780	to	31,670
53-6098	Aircraft Service Attendants & Other Transport'n Workers	ST OJT	WDA	21.71	45,170	50,480	24,890	55,310	33,010	to	56,490
53-7011	Conveyor Operators & Tenders	ST OJT	WDA	16.93	35,220	35,310	29,040	38,320	30,370	to	40,350
53-7021	Crane & Tower Operators	WK EXP	CTY	22.31	46,400	49,090	30,600	54,300	33,910	to	59,140
53-7031	Dredge Operators	MT OJT	PA	21.13	43,950	43,760	37,280	47,280	38,440	to	49,550

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MAY 2019

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53-7041	Hoist & Winch Operators	ST OJT	PA	20.66	42,970	41,900	33,810	47,550	36,060	to	48,950
53-7051	Industrial Truck & Tractor Operators	ST OJT	CTY	17.52	36,440	36,120	30,580	39,360	32,320	to	40,760
53-7061	Cleaners of Vehicles & Equipment	ST OJT	CTY	13.98	29,070	26,660	21,450	32,880	22,360	to	33,950
53-7062	Laborers & Freight, Stock & Material Movers	ST OJT	CTY	16.48	34,290	33,200	25,460	38,700	27,580	to	41,650
53-7063	Machine Feeders & Offbearers	ST OJT	WDA	16.94	35,240	35,510	30,420	37,660	32,330	to	38,540
53-7064	Packers & Packagers, Hand	ST OJT	CTY	14.05	29,220	30,080	20,750	33,450	22,560	to	35,460
53-7065	Stockers & Order Fillers	ST OJT	CTY	15.87	33,010	28,130	21,960	38,540	23,510	to	38,600
53-7071	Gas Compressor & Gas Pumping Station Operators	MT OJT	WDA	31.30	65,100	70,580	49,680	72,810	64,630	to	76,400
53-7072	Pump Operators	MT OJT	PA	23.40	48,670	48,190	33,150	56,430	38,100	to	59,430
53-7073	Wellhead Pumpers	WK EXP	PA	21.16	44,010	39,060	32,710	49,660	34,760	to	48,470
53-7081	Refuse & Recyclable Material Collectors	ST OJT	CTY	17.43	36,250	36,000	27,530	40,600	29,490	to	43,900
53-7121	Tank Car, Truck & Ship Loaders	ST OJT	PA	24.93	51,860	51,270	34,200	60,680	36,070	to	68,940
53-7199	Material Moving Workers, Other	ST OJT	WDA	20.82	43,300	43,520	28,240	50,830	31,320	to	50,390

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