

## Occupational Employment and Wage Statistics

# May 2021 State Occupational Employment and Wage Estimates

## Guam

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These occupational employment and wage estimates are calculated with data collected from employers in all industry sectors in Guam.

Additional information, including the hourly and annual 10th, 25th, 75th, and 90th percentile wages and the employment percent relative standard error, is available in the [downloadable XLS file](#).

[Links to OEWS estimates for other areas and states](#)

Major Occupational Groups in Guam (**Note**--clicking a link will scroll the page to the occupational group):

- 00-0000 [All Occupations](#)
- 11-0000 [Management Occupations](#)
- 13-0000 [Business and Financial Operations Occupations](#)
- 15-0000 [Computer and Mathematical Occupations](#)
- 17-0000 [Architecture and Engineering Occupations](#)
- 19-0000 [Life, Physical, and Social Science Occupations](#)
- 21-0000 [Community and Social Service Occupations](#)
- 23-0000 [Legal Occupations](#)
- 25-0000 [Educational Instruction and Library Occupations](#)
- 27-0000 [Arts, Design, Entertainment, Sports, and Media Occupations](#)
- 29-0000 [Healthcare Practitioners and Technical Occupations](#)
- 31-0000 [Healthcare Support Occupations](#)
- 33-0000 [Protective Service Occupations](#)
- 35-0000 [Food Preparation and Serving Related Occupations](#)
- 37-0000 [Building and Grounds Cleaning and Maintenance Occupations](#)
- 39-0000 [Personal Care and Service Occupations](#)
- 41-0000 [Sales and Related Occupations](#)
- 43-0000 [Office and Administrative Support Occupations](#)
- 45-0000 [Farming, Fishing, and Forestry Occupations](#)
- 47-0000 [Construction and Extraction Occupations](#)
- 49-0000 [Installation, Maintenance, and Repair Occupations](#)
- 51-0000 [Production Occupations](#)
- 53-0000 [Transportation and Material Moving Occupations](#)

Occupation code	Occupation title (click on the occupation title to view its profile)	Level	Employment	Employment RSE	Employment per 1,000 jobs	Location quotient	Median hourly wage	Mean hourly wage	Annual mean wage	Mean wage RSE
00-0000	All Occupations	total	58,390	0.0%	1000.000	1.00	\$14.31	\$19.10	\$39,720	0.7%
11-0000	<a href="#">Management Occupations</a>	major	4,890	3.4%	83.682	1.32	\$30.11	\$36.05	\$74,990	1.7%
11-1011	<a href="#">Chief Executives</a>	detail	370	7.5%	6.407	4.50	\$45.55	\$58.12	\$120,880	6.6%
11-1021	<a href="#">General and Operations Managers</a>	detail	1,180	6.5%	20.200	0.95	\$28.83	\$33.72	\$70,130	2.5%
11-2021	<a href="#">Marketing Managers</a>	detail	150	7.4%	2.500	1.26	\$29.30	\$34.33	\$71,400	6.0%
11-2022	<a href="#">Sales Managers</a>	detail	180	3.8%	3.144	0.98	\$28.25	\$31.28	\$65,070	3.2%
11-3012	<a href="#">Administrative Services Managers</a>	detail	720	5.1%	12.346	7.74	\$28.75	\$29.27	\$60,870	4.1%
11-3013	<a href="#">Facilities Managers</a>	detail	50	8.5%	0.916	1.28	\$28.76	\$30.69	\$63,840	3.0%
11-3021	<a href="#">Computer and Information Systems Managers</a>	detail	90	2.3%	1.480	0.43	(8)	(8)	(8)	(8)
11-3031	<a href="#">Financial Managers</a>	detail	330	3.5%	5.622	1.16	\$36.93	\$38.76	\$80,610	1.6%
11-3061	<a href="#">Purchasing Managers</a>	detail	60	13.4%	0.990	2.01	\$22.35	\$27.10	\$56,370	6.0%
11-3071	<a href="#">Transportation, Storage, and Distribution Managers</a>	detail	140	3.6%	2.416	2.35	\$35.72	\$36.38	\$75,670	1.3%
11-3121	<a href="#">Human Resources Managers</a>	detail	80	6.9%	1.355	1.15	\$28.98	\$31.32	\$65,150	2.1%
11-9021	<a href="#">Construction Managers</a>	detail	310	34.2%	5.314	2.63	\$35.72	\$35.11	\$73,020	12.8%
11-9032	<a href="#">Education Administrators, Kindergarten through Secondary</a>	detail	130	1.8%	2.184	1.12	(4)	(4)	\$73,640	0.9%
11-9039	<a href="#">Education Administrators, All Other</a>	detail	220	0.5%	3.720	10.49	\$52.25	\$52.63	\$109,470	0.2%
11-9041	<a href="#">Architectural and Engineering Managers</a>	detail	60	12.5%	1.076	0.81	\$45.52	\$47.46	\$98,730	3.4%
11-9051	<a href="#">Food Service Managers</a>	detail	190	19.1%	3.239	2.17	\$17.60	\$18.36	\$38,200	5.6%
11-9081	<a href="#">Lodging Managers</a>	detail	90	9.6%	1.481	5.81	\$18.13	\$24.53	\$51,010	8.4%
11-9111	<a href="#">Medical and Health Services Managers</a>	detail	80	6.6%	1.332	0.43	\$40.97	\$50.35	\$104,720	2.6%

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11-9141	<a href="#">Property, Real Estate, and Community Association Managers</a>	detail	60	11.4%	1.021	0.61	\$29.97	\$28.57	\$59,420	6.7%
11-9151	<a href="#">Social and Community Service Managers</a>	detail	30	6.2%	0.594	0.54	\$22.30	\$27.73	\$57,680	1.9%
11-9199	<a href="#">Managers, All Other</a>	detail	180	6.1%	3.168	0.90	\$38.39	\$39.57	\$82,310	1.4%
13-0000	<a href="#">Business and Financial Operations Occupations</a>	major	2,920	1.6%	50.051	0.78	\$23.79	\$26.95	\$56,060	0.8%
13-1020	<a href="#">Buyers and Purchasing Agents</a>	broad	210	2.9%	3.535	1.13	\$23.79	\$27.59	\$57,390	1.8%
13-1031	<a href="#">Claims Adjusters, Examiners, and Investigators</a>	detail	90	12.7%	1.579	0.80	\$18.73	\$22.09	\$45,940	2.4%
13-1041	<a href="#">Compliance Officers</a>	detail	240	1.9%	4.059	1.71	\$30.28	\$31.54	\$65,600	0.9%
13-1051	<a href="#">Cost Estimators</a>	detail	50	28.2%	0.860	0.58	\$29.50	\$35.57	\$73,990	7.9%
13-1071	<a href="#">Human Resources Specialists</a>	detail	280	3.3%	4.853	0.92	\$23.79	\$25.94	\$53,960	0.8%
13-1081	<a href="#">Logisticians</a>	detail	60	4.7%	0.961	0.71	\$29.73	\$31.98	\$66,520	1.5%
13-1082	<a href="#">Project Management Specialists</a>	detail	120	14.4%	2.106	0.40	\$23.97	\$27.25	\$56,690	6.5%
13-1111	<a href="#">Management Analysts</a>	detail	170	1.6%	2.874	0.53	\$30.28	\$32.91	\$68,460	1.3%
13-1151	<a href="#">Training and Development Specialists</a>	detail	50	2.5%	0.868	0.36	\$18.73	\$23.70	\$49,290	1.0%
13-1161	<a href="#">Market Research Analysts and Marketing Specialists</a>	detail	70	9.8%	1.276	0.25	\$18.14	\$20.68	\$43,020	2.2%
13-1199	<a href="#">Business Operations Specialists, All Other</a>	detail	420	1.7%	7.174	0.98	\$34.19	\$33.17	\$68,990	0.6%
13-2011	<a href="#">Accountants and Auditors</a>	detail	420	5.7%	7.251	0.77	\$23.13	\$24.71	\$51,400	2.2%
13-2053	<a href="#">Insurance Underwriters</a>	detail	40	33.2%	0.608	0.80	\$14.80	\$18.81	\$39,130	8.6%
13-2072	<a href="#">Loan Officers</a>	detail	80	8.1%	1.380	0.57	\$18.57	\$23.89	\$49,700	3.2%
13-2082	<a href="#">Tax Preparers</a>	detail	110	27.1%	1.884	3.19	\$10.74	\$11.89	\$24,730	2.6%

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15-0000	<a href="#">Computer and Mathematical Occupations</a>	major	740	1.7%	12.605	0.38	\$22.74	\$24.96	\$51,920	0.8%
15-1232	<a href="#">Computer User Support Specialists</a>	detail	230	5.1%	3.881	0.84	\$14.51	\$16.52	\$34,360	1.4%
17-0000	<a href="#">Architecture and Engineering Occupations</a>	major	950	5.3%	16.225	0.94	\$29.30	\$31.31	\$65,120	1.8%
17-1011	<a href="#">Architects, Except Landscape and Naval</a>	detail	60	20.8%	1.084	1.52	\$36.54	\$35.98	\$74,840	3.2%
17-2051	<a href="#">Civil Engineers</a>	detail	280	15.7%	4.840	2.24	\$36.69	\$34.26	\$71,270	2.8%
17-2071	<a href="#">Electrical Engineers</a>	detail	60	17.5%	1.094	0.83	\$37.59	\$35.99	\$74,870	6.7%
17-2111	<a href="#">Health and Safety Engineers, Except Mining Safety Engineers and Inspectors</a>	detail	40	13.4%	0.623	3.84	\$29.06	\$31.45	\$65,420	2.6%
17-2141	<a href="#">Mechanical Engineers</a>	detail	40	12.8%	0.740	0.37	\$29.06	\$30.27	\$62,960	4.9%
17-3011	<a href="#">Architectural and Civil Drafters</a>	detail	70	17.1%	1.260	1.75	\$22.66	\$21.74	\$45,220	6.5%
17-3029	<a href="#">Engineering Technologists and Technicians, Except Drafters, All Other</a>	detail	60	1.5%	1.028	1.97	\$35.22	\$35.05	\$72,910	0.5%
17-3031	<a href="#">Surveying and Mapping Technicians</a>	detail	60	16.5%	0.986	2.48	\$17.58	\$16.72	\$34,770	5.2%
19-0000	<a href="#">Life, Physical, and Social Science Occupations</a>	major	580	3.6%	9.959	1.10	\$24.56	\$29.12	\$60,570	1.9%
19-5011	<a href="#">Occupational Health and Safety Specialists</a>	detail	90	12.6%	1.533	2.03	\$29.11	\$31.34	\$65,180	8.1%
19-5012	<a href="#">Occupational Health and Safety Technicians</a>	detail	50	34.1%	0.880	5.70	\$14.14	\$16.77	\$34,890	6.5%
21-0000	<a href="#">Community and Social Service Occupations</a>	major	800	1.3%	13.747	0.86	\$22.56	\$22.10	\$45,970	1.0%
21-1012	<a href="#">Educational, Guidance, and Career Counselors and Advisors</a>	detail	160	0.9%	2.749	1.31	\$29.42	\$27.34	\$56,870	0.6%

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21-1021	<a href="#">Child, Family, and School Social Workers</a>	detail	50	8.4%	0.776	0.32	\$14.23	\$17.54	\$36,490	0.8%
21-1022	<a href="#">Healthcare Social Workers</a>	detail	100	5.2%	1.786	1.45	\$23.56	\$24.47	\$50,900	2.0%
21-1029	<a href="#">Social Workers, All Other</a>	detail	40	11.7%	0.748	2.12	\$22.56	\$27.60	\$57,420	4.8%
21-1093	<a href="#">Social and Human Service Assistants</a>	detail	160	2.7%	2.656	0.94	\$13.99	\$14.97	\$31,140	1.2%
21-1099	<a href="#">Community and Social Service Specialists, All Other</a>	detail	40	2.1%	0.724	1.12	\$14.21	\$15.72	\$32,700	0.4%
23-0000	<a href="#">Legal Occupations</a>	major	320	2.6%	5.412	0.65	\$32.92	\$38.25	\$79,560	4.9%
23-1011	<a href="#">Lawyers</a>	detail	170	5.7%	2.997	0.62	\$49.53	\$49.92	\$103,840	2.5%
23-2011	<a href="#">Paralegals and Legal Assistants</a>	detail	80	17.7%	1.326	0.56	\$18.50	\$20.78	\$43,210	3.3%
25-0000	<a href="#">Educational Instruction and Library Occupations</a>	major	4,500	0.8%	77.140	1.33	\$23.08	\$22.44	\$46,680	0.6%
25-1194	<a href="#">Career/Technical Education Teachers, Postsecondary</a>	detail	70	6.0%	1.271	1.70	\$36.94	\$33.86	\$70,420	1.9%
25-2011	<a href="#">Preschool Teachers, Except Special Education</a>	detail	70	29.8%	1.117	0.40	\$11.14	\$12.35	\$25,690	7.1%
25-2012	<a href="#">Kindergarten Teachers, Except Special Education</a>	detail	140	2.9%	2.382	2.78	(4)	(4)	\$52,280	1.1%
25-2021	<a href="#">Elementary School Teachers, Except Special Education</a>	detail	820	1.1%	14.021	1.49	(4)	(4)	\$51,570	1.0%
25-2022	<a href="#">Middle School Teachers, Except Special and Career/Technical Education</a>	detail	560	2.2%	9.558	2.27	(4)	(4)	\$48,630	0.9%
25-2031	<a href="#">Secondary School Teachers, Except Special and Career/Technical Education</a>	detail	600	3.8%	10.238	1.41	(4)	(4)	\$51,990	2.1%
25-3021	<a href="#">Self-Enrichment Teachers</a>	detail	550	0.5%	9.440	6.13	\$23.08	\$24.18	\$50,290	0.6%

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25-3099	<a href="#">Teachers and Instructors, All Other</a>	detail	150	7.5%	2.485	2.13	(4)	(4)	\$48,250	0.6%
25-4022	<a href="#">Librarians and Media Collections Specialists</a>	detail	50	1.3%	0.856	0.94	\$29.38	\$31.58	\$65,690	0.9%
25-4031	<a href="#">Library Technicians</a>	detail	40	5.5%	0.630	1.22	\$18.11	\$16.65	\$34,630	1.9%
25-9045	<a href="#">Teaching Assistants, Except Postsecondary</a>	detail	750	3.0%	12.786	1.52	(4)	(4)	\$27,640	1.1%
25-9099	<a href="#">Educational Instruction and Library Workers, All Other</a>	detail	70	4.1%	1.247	1.13	\$17.17	\$19.70	\$40,980	0.4%
27-0000	<a href="#">Arts, Design, Entertainment, Sports, and Media Occupations</a>	major	450	3.3%	7.731	0.60	\$14.14	\$17.51	\$36,410	1.7%
27-1024	<a href="#">Graphic Designers</a>	detail	60	20.5%	1.096	0.76	\$14.47	\$15.38	\$31,980	3.5%
27-1026	<a href="#">Merchandise Displayers and Window Trimmers</a>	detail	50	5.6%	0.786	0.69	\$9.36	\$10.38	\$21,590	1.5%
27-3011	<a href="#">Broadcast Announcers and Radio Disc Jockeys</a>	detail	30	9.7%	0.557	3.19	\$10.77	\$11.65	\$24,230	3.8%
29-0000	<a href="#">Healthcare Practitioners and Technical Occupations</a>	major	2,060	2.1%	35.242	0.57	\$22.71	\$32.50	\$67,600	2.3%
29-1051	<a href="#">Pharmacists</a>	detail	70	5.2%	1.156	0.52	\$58.18	\$54.19	\$112,710	1.4%
29-1141	<a href="#">Registered Nurses</a>	detail	690	3.7%	11.742	0.54	(8)	(8)	(8)	(8)
29-1215	<a href="#">Family Medicine Physicians</a>	detail	40	39.5%	0.647	0.89	\$62.59	\$87.60	\$182,210	14.7%
29-1229	<a href="#">Physicians, All Other</a>	detail	60	17.4%	1.029	0.56	(5)	\$102.44	\$213,080	7.6%
29-2042	<a href="#">Emergency Medical Technicians</a>	detail	40	2.1%	0.625	0.55	\$17.55	\$16.28	\$33,870	1.0%
29-2052	<a href="#">Pharmacy Technicians</a>	detail	130	6.5%	2.168	0.70	\$14.09	\$14.42	\$29,990	0.8%
29-2061	<a href="#">Licensed Practical and Licensed Vocational Nurses</a>	detail	110	8.4%	1.841	0.40	\$18.11	\$18.54	\$38,570	1.5%
29-2072	<a href="#">Medical Records Specialists</a>	detail	110	13.6%	1.855	1.45	\$17.68	\$17.87	\$37,170	4.3%

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29-2099	<a href="#">Health Technologists and Technicians, All Other</a>	detail	60	14.2%	1.046	1.05	\$14.09	\$14.41	\$29,970	3.7%
31-0000	<a href="#">Healthcare Support Occupations</a>	major	1,130	4.5%	19.345	0.41	\$11.66	\$13.31	\$27,670	1.3%
31-1131	<a href="#">Nursing Assistants</a>	detail	330	3.6%	5.568	0.60	\$13.73	\$13.38	\$27,830	0.5%
31-9011	<a href="#">Massage Therapists</a>	detail	90	8.6%	1.625	2.83	\$8.86	\$9.44	\$19,640	1.5%
31-9091	<a href="#">Dental Assistants</a>	detail	120	7.1%	2.053	0.83	\$17.94	\$17.94	\$37,320	5.4%
31-9092	<a href="#">Medical Assistants</a>	detail	300	16.9%	5.119	0.99	\$11.60	\$12.53	\$26,060	4.3%
33-0000	<a href="#">Protective Service Occupations</a>	major	2,450	0.9%	41.921	1.74	\$18.09	\$19.18	\$39,900	0.6%
33-1021	<a href="#">First-Line Supervisors of Firefighting and Prevention Workers</a>	detail	50	0.9%	0.856	1.49	\$37.66	\$36.17	\$75,240	0.4%
33-1091	<a href="#">First-Line Supervisors of Security Workers</a>	detail	30	15.1%	0.575	1.46	\$11.32	\$18.24	\$37,950	7.6%
33-2011	<a href="#">Firefighters</a>	detail	300	1.3%	5.104	2.27	\$22.81	\$23.11	\$48,080	0.6%
33-9032	<a href="#">Security Guards</a>	detail	850	2.1%	14.626	1.95	\$9.63	\$10.82	\$22,510	1.3%
33-9092	<a href="#">Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers</a>	detail	50	4.4%	0.861	1.06	\$10.92	\$11.04	\$22,960	1.3%
33-9099	<a href="#">Protective Service Workers, All Other</a>	detail	40	9.9%	0.654	0.92	\$9.65	\$11.14	\$23,180	2.0%
35-0000	<a href="#">Food Preparation and Serving Related Occupations</a>	major	5,580	3.0%	95.511	1.20	\$9.86	\$10.58	\$22,000	0.6%
35-1011	<a href="#">Chefs and Head Cooks</a>	detail	110	9.6%	1.834	1.99	\$18.91	\$22.45	\$46,690	3.7%
35-1012	<a href="#">First-Line Supervisors of Food Preparation and Serving Workers</a>	detail	730	11.1%	12.574	1.70	\$11.37	\$12.42	\$25,830	2.7%
35-2011	<a href="#">Cooks, Fast Food</a>	detail	340	17.5%	5.888	1.08	\$9.86	\$9.94	\$20,670	0.9%
35-2012	<a href="#">Cooks, Institution and Cafeteria</a>	detail	50	19.8%	0.930	0.33	\$14.44	\$13.18	\$27,420	3.8%
35-2014	<a href="#">Cooks, Restaurant</a>	detail	800	10.7%	13.730	1.62	\$10.23	\$11.00	\$22,890	2.5%
35-2015	<a href="#">Cooks, Short Order</a>	detail	30	27.4%	0.515	0.58	\$9.94	\$10.17	\$21,160	2.8%
35-2021	<a href="#">Food Preparation Workers</a>	detail	330	17.5%	5.681	1.02	\$9.69	\$10.16	\$21,130	0.8%

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35-3011	<a href="#">Bartenders</a>	detail	160	22.7%	2.769	0.80	\$9.44	\$9.79	\$20,360	0.9%
35-3023	<a href="#">Fast Food and Counter Workers</a>	detail	900	23.0%	15.499	0.71	\$9.86	\$10.24	\$21,290	2.7%
35-3031	<a href="#">Waiters and Waitresses</a>	detail	1,270	9.2%	21.747	1.70	\$9.45	\$9.43	\$19,610	0.5%
35-3041	<a href="#">Food Servers, Nonrestaurant</a>	detail	100	38.7%	1.711	0.99	\$10.16	\$10.59	\$22,020	2.3%
35-9011	<a href="#">Dining Room and Cafeteria Attendants and Bartender Helpers</a>	detail	50	34.7%	0.872	0.36	\$9.44	\$9.49	\$19,730	1.1%
35-9021	<a href="#">Dishwashers</a>	detail	250	33.7%	4.228	1.58	\$9.35	\$9.42	\$19,590	2.2%
35-9031	<a href="#">Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop</a>	detail	120	22.0%	2.141	0.93	\$9.44	\$9.65	\$20,080	1.1%
35-9099	<a href="#">Food Preparation and Serving Related Workers, All Other</a>	detail	310	32.1%	5.395	9.13	\$8.81	\$9.35	\$19,440	2.1%
37-0000	<a href="#">Building and Grounds Cleaning and Maintenance Occupations</a>	major	2,170	6.7%	37.227	1.28	\$9.78	\$10.99	\$22,850	0.9%
37-1011	<a href="#">First-Line Supervisors of Housekeeping and Janitorial Workers</a>	detail	160	5.5%	2.689	2.47	\$11.58	\$14.66	\$30,500	1.9%
37-1012	<a href="#">First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers</a>	detail	50	22.4%	0.836	1.01	\$13.85	\$15.34	\$31,910	4.2%
37-2011	<a href="#">Janitors and Cleaners, Except Maids and Housekeeping Cleaners</a>	detail	850	8.7%	14.473	1.00	\$9.39	\$10.92	\$22,700	1.5%
37-2012	<a href="#">Maids and Housekeeping Cleaners</a>	detail	570	5.3%	9.818	1.91	\$9.39	\$9.58	\$19,930	0.5%
37-2021	<a href="#">Pest Control Workers</a>	detail	40	4.0%	0.742	1.22	\$13.64	\$13.06	\$27,170	3.6%
37-3011	<a href="#">Landscaping and Groundskeeping Workers</a>	detail	490	23.7%	8.316	1.31	\$10.79	\$10.74	\$22,350	1.9%



Occupation code	Occupation title (click on the occupation title to view its profile)	Level	Employment	Employment RSE	Employment per 1,000 jobs	Location quotient	Median hourly wage	Mean hourly wage	Annual mean wage	Mean wage RSE
39-0000	<a href="#">Personal Care and Service Occupations</a>	major	770	6.6%	13.129	0.72	\$9.44	\$10.72	\$22,310	1.8%
39-3091	<a href="#">Amusement and Recreation Attendants</a>	detail	110	11.1%	1.875	1.01	\$9.10	\$9.30	\$19,330	0.7%
39-5012	<a href="#">Hairdressers, Hairstylists, and Cosmetologists</a>	detail	40	26.0%	0.601	0.30	\$9.51	\$10.18	\$21,170	10.0%
39-6011	<a href="#">Baggage Porters and Bellhops</a>	detail	60	13.3%	0.961	6.59	\$9.34	\$9.70	\$20,170	2.6%
39-6012	<a href="#">Concierges</a>	detail	80	5.8%	1.401	5.88	\$10.62	\$10.98	\$22,830	0.6%
39-9011	<a href="#">Childcare Workers</a>	detail	170	21.4%	2.829	0.91	\$9.00	\$9.49	\$19,750	2.9%
39-9032	<a href="#">Recreation Workers</a>	detail	60	1.5%	1.105	0.59	\$11.08	\$11.46	\$23,830	0.6%
41-0000	<a href="#">Sales and Related Occupations</a>	major	4,750	3.0%	81.281	0.86	\$10.62	\$12.42	\$25,830	1.5%
41-1011	<a href="#">First-Line Supervisors of Retail Sales Workers</a>	detail	410	11.1%	6.969	0.86	\$14.14	\$15.83	\$32,920	2.6%
41-1012	<a href="#">First-Line Supervisors of Non-Retail Sales Workers</a>	detail	60	17.5%	1.012	0.58	\$18.61	\$21.44	\$44,600	7.2%
41-2011	<a href="#">Cashiers</a>	detail	2,200	6.2%	37.704	1.60	\$9.25	\$10.22	\$21,270	0.8%
41-2021	<a href="#">Counter and Rental Clerks</a>	detail	240	15.1%	4.038	1.53	\$10.13	\$10.81	\$22,470	3.5%
41-2022	<a href="#">Parts Salespersons</a>	detail	50	29.8%	0.815	0.43	\$11.08	\$12.63	\$26,270	4.8%
41-2031	<a href="#">Retail Salespersons</a>	detail	1,260	4.7%	21.562	0.82	\$10.15	\$12.24	\$25,460	1.4%
41-3021	<a href="#">Insurance Sales Agents</a>	detail	60	13.7%	0.945	0.32	\$17.68	\$21.92	\$45,590	7.6%
41-3091	<a href="#">Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel</a>	detail	100	9.6%	1.779	0.24	\$15.00	\$19.01	\$39,540	2.7%
41-4012	<a href="#">Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products</a>	detail	250	7.9%	4.225	0.48	\$14.47	\$17.31	\$36,000	3.4%
43-0000	<a href="#">Office and Administrative Support Occupations</a>	major	8,030	1.1%	137.451	1.06	\$14.05	\$15.54	\$32,320	0.5%

Occupation code	Occupation title (click on the occupation title to view its profile)	Level	Employment	Employment RSE	Employment per 1,000 jobs	Location quotient	Median hourly wage	Mean hourly wage	Annual mean wage	Mean wage RSE
43-1011	<a href="#">First-Line Supervisors of Office and Administrative Support Workers</a>	detail	860	3.4%	14.768	1.44	\$18.31	\$20.75	\$43,160	1.0%
43-3011	<a href="#">Bill and Account Collectors</a>	detail	70	11.0%	1.168	0.77	\$13.73	\$13.84	\$28,790	2.2%
43-3021	<a href="#">Billing and Posting Clerks</a>	detail	120	10.1%	2.004	0.66	\$13.14	\$13.53	\$28,130	2.0%
43-3031	<a href="#">Bookkeeping, Accounting, and Auditing Clerks</a>	detail	780	4.9%	13.310	1.24	\$14.04	\$14.49	\$30,140	2.3%
43-3051	<a href="#">Payroll and Timekeeping Clerks</a>	detail	90	28.6%	1.574	1.49	\$14.32	\$16.10	\$33,480	4.4%
43-3061	<a href="#">Procurement Clerks</a>	detail	90	7.7%	1.475	3.35	\$17.35	\$16.94	\$35,230	2.5%
43-4031	<a href="#">Court, Municipal, and License Clerks</a>	detail	140	0.4%	2.480	2.33	\$14.27	\$16.39	\$34,100	0.2%
43-4051	<a href="#">Customer Service Representatives</a>	detail	860	3.1%	14.643	0.74	\$13.75	\$13.50	\$28,080	0.8%
43-4061	<a href="#">Eligibility Interviewers, Government Programs</a>	detail	40	0.0%	0.671	0.62	\$14.05	\$15.84	\$32,950	0.1%
43-4071	<a href="#">File Clerks</a>	detail	50	9.9%	0.771	1.27	\$14.05	\$13.75	\$28,610	3.8%
43-4081	<a href="#">Hotel, Motel, and Resort Desk Clerks</a>	detail	160	6.0%	2.658	1.70	\$9.14	\$9.86	\$20,520	0.5%
43-4131	<a href="#">Loan Interviewers and Clerks</a>	detail	60	10.1%	1.060	0.63	\$13.85	\$13.67	\$28,420	1.1%
43-4161	<a href="#">Human Resources Assistants, Except Payroll and Timekeeping</a>	detail	70	16.2%	1.264	1.73	\$14.10	\$15.61	\$32,470	3.0%
43-4171	<a href="#">Receptionists and Information Clerks</a>	detail	250	6.4%	4.324	0.62	\$10.78	\$10.62	\$22,080	0.7%
43-4181	<a href="#">Reservation and Transportation Ticket Agents and Travel Clerks</a>	detail	220	2.4%	3.841	5.37	\$13.85	\$14.91	\$31,010	0.7%
43-4199	<a href="#">Information and Record Clerks, All Other</a>	detail	120	1.2%	2.067	1.88	\$20.78	\$19.90	\$41,390	0.5%
43-5021	<a href="#">Couriers and Messengers</a>	detail	50	9.8%	0.918	1.89	\$10.79	\$11.08	\$23,050	2.1%

Occupation code	Occupation title (click on the occupation title to view its profile)	Level	Employment	Employment RSE	Employment per 1,000 jobs	Location quotient	Median hourly wage	Mean hourly wage	Annual mean wage	Mean wage RSE
43-5032	<a href="#">Dispatchers, Except Police, Fire, and Ambulance</a>	detail	100	6.2%	1.757	1.27	\$16.95	\$16.92	\$35,190	2.1%
43-5051	<a href="#">Postal Service Clerks</a>	detail	30	0.0%	0.548	0.97	\$28.00	\$27.25	\$56,680	0.0%
43-5052	<a href="#">Postal Service Mail Carriers</a>	detail	50	0.0%	0.788	0.33	\$21.60	\$24.08	\$50,090	0.0%
43-5053	<a href="#">Postal Service Mail Sorters, Processors, and Processing Machine Operators</a>	detail	40	0.0%	0.685	0.86	\$21.29	\$23.66	\$49,200	0.0%
43-5061	<a href="#">Production, Planning, and Expediting Clerks</a>	detail	170	7.7%	2.968	1.14	\$22.97	\$20.56	\$42,760	3.0%
43-5071	<a href="#">Shipping, Receiving, and Inventory Clerks</a>	detail	440	7.0%	7.575	1.34	\$13.73	\$14.99	\$31,180	2.6%
43-6011	<a href="#">Executive Secretaries and Executive Administrative Assistants</a>	detail	110	7.5%	1.957	0.59	\$18.32	\$23.30	\$48,460	5.6%
43-6012	<a href="#">Legal Secretaries and Administrative Assistants</a>	detail	80	12.2%	1.305	1.18	\$17.68	\$17.50	\$36,390	2.2%
43-6013	<a href="#">Medical Secretaries and Administrative Assistants</a>	detail	230	8.6%	3.987	0.86	\$13.90	\$14.70	\$30,570	2.4%
43-6014	<a href="#">Secretaries and Administrative Assistants, Except Legal, Medical, and Executive</a>	detail	1,110	4.0%	19.034	1.47	\$14.12	\$15.59	\$32,420	1.1%
43-9021	<a href="#">Data Entry Keyers</a>	detail	80	4.6%	1.305	1.25	\$11.05	\$12.39	\$25,780	1.6%
43-9041	<a href="#">Insurance Claims and Policy Processing Clerks</a>	detail	70	18.9%	1.202	0.78	\$13.85	\$13.89	\$28,880	2.3%
43-9061	<a href="#">Office Clerks, General</a>	detail	710	5.5%	12.214	0.67	\$11.08	\$12.30	\$25,580	2.3%
45-0000	<a href="#">Farming, Fishing, and Forestry Occupations</a>	major	60	7.9%	1.081	0.34	\$15.21	\$17.18	\$35,740	3.2%
47-0000	<a href="#">Construction and Extraction Occupations</a>	major	5,790	5.4%	99.175	2.39	\$17.35	\$17.05	\$35,460	2.3%

Occupation code	Occupation title (click on the occupation title to view its profile)	Level	Employment	Employment RSE	Employment per 1,000 jobs	Location quotient	Median hourly wage	Mean hourly wage	Annual mean wage	Mean wage RSE
47-1011	<a href="#">First-Line Supervisors of Construction Trades and Extraction Workers</a>	detail	440	12.7%	7.467	1.58	\$23.28	\$23.89	\$49,690	4.0%
47-2031	<a href="#">Carpenters</a>	detail	1,080	13.0%	18.487	3.90	\$17.58	\$16.48	\$34,290	2.3%
47-2051	<a href="#">Cement Masons and Concrete Finishers</a>	detail	550	18.9%	9.378	7.08	\$14.27	\$15.55	\$32,330	2.5%
47-2061	<a href="#">Construction Laborers</a>	detail	1,070	15.7%	18.296	2.66	\$11.08	\$12.12	\$25,220	2.7%
47-2073	<a href="#">Operating Engineers and Other Construction Equipment Operators</a>	detail	390	8.1%	6.712	2.34	\$17.98	\$18.88	\$39,270	2.6%
47-2111	<a href="#">Electricians</a>	detail	520	13.4%	8.964	1.94	\$18.21	\$20.72	\$43,100	3.5%
47-2141	<a href="#">Painters, Construction and Maintenance</a>	detail	400	28.8%	6.912	4.55	\$17.75	\$17.53	\$36,470	1.4%
47-2152	<a href="#">Plumbers, Pipefitters, and Steamfitters</a>	detail	200	14.5%	3.475	1.17	\$18.25	\$18.93	\$39,370	5.4%
47-2171	<a href="#">Reinforcing Iron and Rebar Workers</a>	detail	250	15.1%	4.230	36.30	\$18.00	\$17.48	\$36,350	1.5%
47-2181	<a href="#">Roofers</a>	detail	(8)	(8)	(8)	(8)	\$14.17	\$15.04	\$31,280	9.7%
47-2211	<a href="#">Sheet Metal Workers</a>	detail	50	25.6%	0.805	0.92	\$17.77	\$18.51	\$38,500	4.6%
47-2221	<a href="#">Structural Iron and Steel Workers</a>	detail	40	30.8%	0.651	1.34	\$14.27	\$14.69	\$30,540	7.0%
47-3013	<a href="#">Helpers--Electricians</a>	detail	80	21.0%	1.437	2.81	\$14.50	\$17.15	\$35,670	6.0%
47-3015	<a href="#">Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters</a>	detail	40	31.6%	0.654	2.01	\$11.04	\$11.31	\$23,510	8.2%
47-3019	<a href="#">Helpers, Construction Trades, All Other</a>	detail	(8)	(8)	(8)	(8)	\$14.02	\$14.01	\$29,150	7.3%
47-4011	<a href="#">Construction and Building Inspectors</a>	detail	40	30.2%	0.740	0.88	\$18.19	\$22.81	\$47,440	10.5%
47-4041	<a href="#">Hazardous Materials Removal Workers</a>	detail	30	20.1%	0.545	1.73	\$17.95	\$22.21	\$46,200	12.1%
47-4071	<a href="#">Septic Tank Servicers and Sewer Pipe Cleaners</a>	detail	40	15.4%	0.716	3.52	\$23.11	\$22.09	\$45,950	5.9%

Occupation code	Occupation title (click on the occupation title to view its profile)	Level	Employment	Employment RSE	Employment per 1,000 jobs	Location quotient	Median hourly wage	Mean hourly wage	Annual mean wage	Mean wage RSE
47-5032	<a href="#">Explosives Workers, Ordnance Handling Experts, and Blasters</a>	detail	(8)	(8)	(8)	(8)	\$29.66	\$27.76	\$57,730	19.9%
49-0000	<a href="#">Installation, Maintenance, and Repair Occupations</a>	major	3,180	6.0%	54.479	1.38	\$14.97	\$17.87	\$37,170	2.3%
49-1011	<a href="#">First-Line Supervisors of Mechanics, Installers, and Repairers</a>	detail	260	4.0%	4.430	1.19	\$22.74	\$23.35	\$48,560	1.8%
49-2098	<a href="#">Security and Fire Alarm Systems Installers</a>	detail	100	44.3%	1.723	3.14	\$14.60	\$16.73	\$34,790	2.8%
49-3011	<a href="#">Aircraft Mechanics and Service Technicians</a>	detail	60	7.0%	1.058	1.19	\$22.42	\$23.98	\$49,880	1.2%
49-3023	<a href="#">Automotive Service Technicians and Mechanics</a>	detail	240	7.6%	4.114	0.92	\$17.25	\$16.32	\$33,950	2.5%
49-3031	<a href="#">Bus and Truck Mechanics and Diesel Engine Specialists</a>	detail	120	8.0%	1.978	1.07	\$22.08	\$19.60	\$40,780	1.1%
49-3042	<a href="#">Mobile Heavy Equipment Mechanics, Except Engines</a>	detail	130	5.3%	2.153	2.09	\$19.50	\$21.02	\$43,710	1.6%
49-3093	<a href="#">Tire Repairers and Changers</a>	detail	60	40.3%	1.070	1.62	\$11.09	\$12.14	\$25,260	1.6%
49-9021	<a href="#">Heating, Air Conditioning, and Refrigeration Mechanics and Installers</a>	detail	330	21.0%	5.609	2.21	\$17.88	\$23.01	\$47,870	11.1%
49-9043	<a href="#">Maintenance Workers, Machinery</a>	detail	70	21.3%	1.159	2.83	\$17.76	\$17.26	\$35,890	4.8%
49-9051	<a href="#">Electrical Power-Line Installers and Repairers</a>	detail	50	3.7%	0.873	0.99	\$22.59	\$22.67	\$47,160	1.6%
49-9071	<a href="#">Maintenance and Repair Workers, General</a>	detail	650	4.0%	11.104	1.10	\$13.85	\$13.94	\$28,990	0.9%
49-9098	<a href="#">Helpers--Installation, Maintenance, and Repair Workers</a>	detail	390	30.6%	6.609	10.52	\$10.99	\$12.39	\$25,770	1.7%

Occupation code	Occupation title (click on the occupation title to view its profile)	Level	Employment	Employment RSE	Employment per 1,000 jobs	Location quotient	Median hourly wage	Mean hourly wage	Annual mean wage	Mean wage RSE
49-9099	<a href="#">Installation, Maintenance, and Repair Workers, All Other</a>	detail	150	15.9%	2.572	2.21	\$14.18	\$15.74	\$32,740	6.5%
51-0000	<a href="#">Production Occupations</a>	major	1,510	5.0%	25.828	0.43	\$14.31	\$16.34	\$33,980	1.6%
51-1011	<a href="#">First-Line Supervisors of Production and Operating Workers</a>	detail	150	6.3%	2.545	0.57	\$23.07	\$25.54	\$53,130	3.3%
51-2090	<a href="#">Miscellaneous Assemblers and Fabricators</a>	broad	30	19.2%	0.550	0.06	\$11.02	\$11.76	\$24,460	8.0%
51-3011	<a href="#">Bakers</a>	detail	120	14.7%	1.999	1.55	\$10.89	\$11.24	\$23,370	2.5%
51-3021	<a href="#">Butchers and Meat Cutters</a>	detail	100	25.3%	1.773	1.71	\$11.36	\$14.40	\$29,950	8.3%
51-3022	<a href="#">Meat, Poultry, and Fish Cutters and Trimmers</a>	detail	30	37.2%	0.553	0.59	\$12.73	\$11.91	\$24,780	6.6%
51-4121	<a href="#">Welders, Cutters, Solderers, and Brazers</a>	detail	190	9.9%	3.285	1.16	\$18.29	\$19.65	\$40,880	1.6%
51-6011	<a href="#">Laundry and Dry-Cleaning Workers</a>	detail	160	24.2%	2.768	2.48	\$9.22	\$9.57	\$19,910	1.0%
51-8031	<a href="#">Water and Wastewater Treatment Plant and System Operators</a>	detail	40	1.8%	0.630	0.73	\$22.89	\$22.23	\$46,240	0.8%
51-9061	<a href="#">Inspectors, Testers, Sorters, Samplers, and Weighers</a>	detail	40	12.9%	0.635	0.16	\$18.19	\$19.99	\$41,580	4.5%
51-9198	<a href="#">Helpers--Production Workers</a>	detail	200	8.1%	3.499	2.43	<a href="#">(8)</a>	<a href="#">(8)</a>	<a href="#">(8)</a>	<a href="#">(8)</a>
53-0000	<a href="#">Transportation and Material Moving Occupations</a>	major	4,780	2.7%	81.778	0.91	\$11.25	\$14.96	\$31,120	1.0%
53-1047	<a href="#">First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors</a>	detail	230	9.0%	3.872	0.99	\$14.51	\$18.80	\$39,110	3.7%

Occupation code	Occupation title (click on the occupation title to view its profile)	Level	Employment	Employment RSE	Employment per 1,000 jobs	Location quotient	Median hourly wage	Mean hourly wage	Annual mean wage	Mean wage RSE
53-3031	<a href="#">Driver/Sales Workers</a>	detail	380	14.5%	6.429	1.90	\$9.69	\$11.02	\$22,920	2.7%
53-3032	<a href="#">Heavy and Tractor-Trailer Truck Drivers</a>	detail	510	5.0%	8.666	0.64	\$17.44	\$17.15	\$35,680	1.7%
53-3033	<a href="#">Light Truck Drivers</a>	detail	340	8.2%	5.825	0.81	\$11.21	\$12.16	\$25,280	1.7%
53-3052	<a href="#">Bus Drivers, Transit and Intercity</a>	detail	80	11.2%	1.329	1.28	\$13.81	\$13.26	\$27,580	5.1%
53-3053	<a href="#">Shuttle Drivers and Chauffeurs</a>	detail	50	10.3%	0.921	0.74	\$11.25	\$12.33	\$25,650	2.6%
53-7021	<a href="#">Crane and Tower Operators</a>	detail	70	20.3%	1.187	3.85	\$24.21	\$25.64	\$53,340	5.3%
53-7051	<a href="#">Industrial Truck and Tractor Operators</a>	detail	110	14.1%	1.879	0.35	\$12.43	\$14.46	\$30,080	4.8%
53-7061	<a href="#">Cleaners of Vehicles and Equipment</a>	detail	200	25.3%	3.355	1.34	\$9.35	\$9.97	\$20,740	2.5%
53-7062	<a href="#">Laborers and Freight, Stock, and Material Movers, Hand</a>	detail	300	10.3%	5.182	0.27	\$11.43	\$13.14	\$27,340	1.5%
53-7064	<a href="#">Packers and Packagers, Hand</a>	detail	200	20.4%	3.420	0.82	\$8.96	\$9.51	\$19,790	1.4%
53-7065	<a href="#">Stockers and Order Fillers</a>	detail	1,370	5.8%	23.408	1.35	\$10.62	\$10.85	\$22,570	1.4%
53-7081	<a href="#">Refuse and Recyclable Material Collectors</a>	detail	110	7.2%	1.934	2.16	\$12.58	\$13.00	\$27,040	2.0%
53-7199	<a href="#">Material Moving Workers, All Other</a>	detail	(8)	(8)	(8)	(8)	\$9.52	\$9.82	\$20,430	1.3%

## [About May 2021 National, State, Metropolitan, and Nonmetropolitan Area Occupational Employment and Wage Estimates](#)

- (1) Estimates for detailed occupations do not sum to the totals because the totals include occupations not shown separately. Estimates do not include self-employed workers.
- (2) Annual wages have been calculated by multiplying the hourly mean wage by a "year-round, full-time" hours figure of 2,080 hours; for those occupations where there is not an hourly wage published, the annual wage has been directly calculated from the reported survey data.
- (3) The relative standard error (RSE) is a measure of the reliability of a survey statistic. The smaller the relative standard error, the more precise the estimate.
- (4) Wages for some occupations that do not generally work year-round, full time, are reported either as hourly wages or annual salaries depending on how they are typically paid.
- (5) This wage is equal to or greater than \$100.00 per hour or \$208,000 per year.
- (8) Estimates not released.
- (9) The location quotient is the ratio of the area concentration of occupational employment to the national average concentration. A location quotient greater than one indicates the occupation has a higher share of employment than average, and a location quotient less than one indicates the occupation is less prevalent in the area than average.



## Occupational Employment and Wage Statistics

# Technical Notes for May 2021 OEWS Estimates

### Scope of the survey

The Occupational Employment and Wage Statistics (OEWS) survey is a semiannual survey measuring occupational employment and wage rates for wage and salary workers in nonfarm establishments in the United States. The OEWS data available from BLS include cross-industry occupational employment and wage estimates for the nation; over 580 areas, including states and the District of Columbia, metropolitan statistical areas (MSAs), nonmetropolitan areas, and territories; national industry-specific estimates at the NAICS sector, 3-digit, most 4-digit, and selected 5- and 6-digit industry levels; and national estimates by ownership across all industries and for schools and hospitals.

The OEWS survey is a cooperative effort between BLS and the State Workforce Agencies (SWAs). BLS funds the survey and provides the procedures and technical support, while the SWAs collect most of the data. OEWS estimates are constructed from a sample of about 1.1 million establishments. Each year, two semiannual panels of approximately 179,000 to 187,000 sampled establishments are contacted, one panel in May and the other in November. Responses are obtained by Internet or other electronic means, mail, email, telephone, or personal visit. The May 2021 estimates are based on responses from six semiannual panels collected over a 3-year period: May 2021, November 2020, May 2020, November 2019, May 2019, and November 2018. The unweighted sampled employment of 82 million across all six semiannual panels represents approximately 62 percent of total national employment. The overall national response rate for the six panels, based on the 50 states and the District of Columbia, is 67.2 percent based on establishments and 64.5 percent based on weighted sampled employment.

### The occupational coding system

The May 2021 OEWS estimates contain approximately 830 occupational categories based on the Office of Management and Budget's 2018 Standard Occupational Classification (SOC) system. Together, these occupations make up 22 of the 23 SOC major occupational groups. Major group 55, Military Specific Occupations, is not included.

For more information about the SOC system, please see the BLS website at [www.bls.gov/soc/](http://www.bls.gov/soc/).

### The industry coding system

The May 2021 OEWS estimates use the 2017 North American Industry Classification System (NAICS). For more information about NAICS, see the BLS website at [www.bls.gov/bls/naics.htm](http://www.bls.gov/bls/naics.htm).

The OEWS survey excludes the majority of the agricultural sector, with the exception of logging (NAICS 113310), support activities for crop production (NAICS 1151), and support activities for animal production (NAICS 1152). Private households (NAICS 814) also are excluded. OEWS federal government data include the U.S. Postal Service and the federal executive branch only. All other industries, including state and local government, are covered by the survey.

## **Survey sample**

The OEWS survey draws its sample from state unemployment insurance (UI) files. Supplemental sources are used for rail transportation (NAICS 4821) and Guam because they do not report to the UI program. The OEWS survey sample is stratified by metropolitan and nonmetropolitan area, industry, and size.

To provide the most occupational coverage, larger employers are more likely to be selected than smaller employers. A census is taken of the executive branch of the federal government, the U.S. Postal Service, and state government.

## **Concepts**

*Occupational employment* is the estimate of total wage and salary employment in an occupation. The OEWS survey defines employment as the number of workers who can be classified as full- or part-time employees, including workers on paid vacations or other types of paid leave; workers on unpaid short-term absences; salaried officers, executives, and staff members of incorporated firms; employees temporarily assigned to other units; and employees for whom the reporting unit is their permanent duty station, regardless of whether that unit prepares their paycheck. The survey does not include the self-employed, owners and partners in unincorporated firms, household workers, or unpaid family workers.

*Wages* for the OEWS survey are straight-time, gross pay, exclusive of premium pay. Base rate; cost-of-living allowances; guaranteed pay; hazardous-duty pay; incentive pay, including commissions and production bonuses; and tips are included. Excluded are overtime pay, severance pay, shift differentials, nonproduction bonuses, employer cost for supplementary benefits, and tuition reimbursements.

The responding establishments are instructed to report hourly rates for part-time workers and to report annual rates for occupations that are typically paid at an annual rate but do not work 2,080 hours per year, such as teachers, pilots, and flight attendants. Other workers, such as some entertainment workers, are paid hourly rates, but generally do not work 40 hours per week, year round. For these workers, only an hourly wage is reported.

OEWS receives wage rate data for the federal government, the U.S. Postal Service, most state governments, and some local government and private sector establishments. For the remaining establishments, the OEWS survey data were placed into 12 intervals. The intervals are defined both as hourly rates and the corresponding annual rates, where the annual rate for an occupation is calculated by multiplying the hourly wage rate by a typical work year of 2,080 hours.

## **Estimation methodology**

The OEWS survey is designed to produce estimates by combining six panels of data collected over a 3-year period. Each OEWS panel contains approximately 179,000 to 187,000 establishments. The full six-panel sample of 1.1 million establishments allows the production of estimates at detailed levels of geography, industry, and occupation.

The May 2021 estimates were produced by a model-based estimation method using three years of OEWS data (MB3). Under MB3, data provided by survey respondents are used to model occupational staffing patterns and wages for all unobserved establishments in the population, including establishments that were not sampled, sampled establishments that did not respond, and respondents that did not meet stability criteria.

A donor pool typically consisting of 10 nearest neighbor responding establishments is used to predict data for each unobserved establishment; if 10 donors are not available, then as few as 5 can be used. Donors are

matched to recipients based on detailed industry, geographic area, ownership, size, and survey panel. Within a given donor pool, donors that are more similar to the unobserved establishment are given more weight in determining the modeled data.

Each establishment's population employment is set as the average of its May 2021 and November 2020 employment from the Quarterly Census of Employment and Wages, the UI database from which the OEWS sample is drawn. Using adjustment factors derived from the OEWS survey data, wages collected in earlier survey panels are adjusted to the reference date of the estimates and donor wages are adjusted for differences between donor and recipient characteristics such as geographic area and industry.

### **Changes and special procedures in the May 2021 estimates**

With the May 2021 estimates, the OEWS program has implemented a new estimation method. This new model-based method, called MB3, has advantages over the previous estimation method, as described in the Monthly Labor Review article at [www.bls.gov/opub/mlr/2019/article/model-based-estimates-for-the-occupational-employment-statistics-program.htm](http://www.bls.gov/opub/mlr/2019/article/model-based-estimates-for-the-occupational-employment-statistics-program.htm). For more information, see the May 2021 Survey Methods and Reliability Statement at [www.bls.gov/oes/methods\\_21.pdf](http://www.bls.gov/oes/methods_21.pdf).

The May 2021 estimates are the first OEWS estimates based entirely on survey data collected using the 2018 SOC. The May 2019 and May 2020 estimates were based on a combination of survey data collected using the 2010 SOC and survey data collected using the 2018 SOC and used a hybrid of the two classification systems. See [www.bls.gov/soc/2018](http://www.bls.gov/soc/2018) and [www.bls.gov/oes/oes\\_ques.htm#qf10](http://www.bls.gov/oes/oes_ques.htm#qf10) for more information.

May 2021 OEWS data are available for most 2018 SOC detailed occupations. To improve data quality, the OEWS program has replaced some 2018 SOC detailed occupations with SOC broad occupations or OEWS-specific aggregations.

The May 2021 OEWS estimates use the metropolitan area definitions delineated in Office of Management and Budget (OMB) Bulletin 17-01. For more information, please see [www.bls.gov/oes/current/msa\\_def.htm](http://www.bls.gov/oes/current/msa_def.htm).

Response rates for the May 2021 estimates were negatively affected by the difficulty of collecting data from employers during the COVID-19 pandemic. Lower response rates may negatively affect data availability and data quality.

### **For more information**

Answers to frequently asked questions about the OEWS data are available at [www.bls.gov/oes/oes\\_ques.htm](http://www.bls.gov/oes/oes_ques.htm).

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[May 2021 National Occupational Employment and Wage Estimates](#)

[May 2021 State Occupational Employment and Wage Estimates](#)

[May 2021 Metropolitan and Nonmetropolitan Area Occupational Employment and Wage Estimates](#)

[May 2021 National Industry-Specific Occupational Employment and Wage Estimates](#)

[May 2021 Occupation Profiles](#)

**Last Modified Date:** March 31, 2022

# May 2021 OEWS Estimates

## Occupational Employment and Wage Statistics (OEWS) Survey

Bureau of Labor Statistics, Department of Labor

website: [www.bls.gov/oes](http://www.bls.gov/oes)

email: [oesinfo@bls.gov](mailto:oesinfo@bls.gov)

Not all fields are available for every type of estimate

Field	Field Description
area	U.S. (99), state FIPS code, Metropolitan Statistical Area (MSA) or New England City and Town Area (NECTA) code, or OEWS-specific nonmetropolitan area code
area_title	Area name
area_type	Area type: 1= U.S.; 2= State; 3= U.S. Territory; 4= Metropolitan Statistical Area (MSA) or New England City and Town Area (NECTA); 6= Nonmetropolitan Area
prim_state	The primary state for the given area. "US" is used for the national estimates.
naics	North American Industry Classification System (NAICS) code for the given industry
naics_title	North American Industry Classification System (NAICS) title for the given industry
i_group	Industry level. Indicates cross-industry or NAICS sector, 3-digit, 4-digit, 5-digit, or 6-digit industry. For industries that OEWS no longer publishes at the 4-digit NAICS level, the "4-digit" designation indicates the most detailed industry breakdown available: either a standard NAICS 3-digit industry or an OEWS-specific combination of 4-digit industries. Industries that OEWS has aggregated to the 3-digit NAICS level (for example, NAICS 327000) will appear twice, once with the "3-digit" and once with the "4-digit" designation.
own_code	Ownership type: 1= Federal Government; 2= State Government; 3= Local Government; 123= Federal, State, and Local Government; 235=Private, State, and Local Government; 35 = Private and Local Government; 5= Private; 57=Private, Local Government Gambling Establishments (Sector 71), and Local Government Casino Hotels (Sector 72); 58= Private plus State and Local Government Hospitals; 59= Private and Postal Service; 1235= Federal, State, and Local Government and Private Sector
occ_code	The 6-digit Standard Occupational Classification (SOC) code or OEWS-specific code for the occupation
occ_title	SOC title or OEWS-specific title for the occupation
o_group	SOC occupation level. For most occupations, this field indicates the standard SOC major, minor, broad, and detailed levels, in addition to all-occupations totals. For occupations that OEWS no longer publishes at the SOC detailed level, the "detailed" designation indicates the most detailed data available: either a standard SOC broad occupation or an OEWS-specific combination of detailed occupations. Occupations that OEWS has aggregated to the SOC broad occupation level will appear in the file twice, once with the "broad" and once with the "detailed" designation.
tot_emp	Estimated total employment rounded to the nearest 10 (excludes self-employed).
emp_prse	Percent relative standard error (PRSE) for the employment estimate. PRSE is a measure of sampling error, expressed as a percentage of the corresponding estimate. Sampling error occurs when values for a population are estimated from a sample survey of the population, rather than calculated from data for all members of the population. Estimates with lower PRSEs are typically more precise in the presence of sampling error.
jobs_1000	The number of jobs (employment) in the given occupation per 1,000 jobs in the given area. Only available for the state and MSA estimates; otherwise, this column is blank.
loc quotient	The location quotient represents the ratio of an occupation's share of employment in a given area to that occupation's share of employment in the U.S. as a whole. For example, an occupation that makes up 10 percent of employment in a specific metropolitan area compared with 2 percent of U.S. employment would have a location quotient of 5 for the area in question. Only available for the state, metropolitan area, and nonmetropolitan area estimates; otherwise, this column is blank.
pct_total	Percent of industry employment in the given occupation. Percents may not sum to 100 because the totals may include data for occupations that could not be published separately. Only available for the national industry estimates; otherwise, this column is blank.
pct_rpt	Percent of establishments reporting the given occupation for the cell. Only available for the national industry estimates; otherwise, this column is blank.
h_mean	Mean hourly wage
a_mean	Mean annual wage
mean_prse	Percent relative standard error (PRSE) for the mean wage estimate. PRSE is a measure of sampling error, expressed as a percentage of the corresponding estimate. Sampling error occurs when values for a population are estimated from a sample survey of the population, rather than calculated from data for all members of the population. Estimates with lower PRSEs are typically more precise in the presence of sampling error.
h_pct10	Hourly 10th percentile wage
h_pct25	Hourly 25th percentile wage
h_median	Hourly median wage (or the 50th percentile)
h_pct75	Hourly 75th percentile wage
h_pct90	Hourly 90th percentile wage
a_pct10	Annual 10th percentile wage
a_pct25	Annual 25th percentile wage
a_median	Annual median wage (or the 50th percentile)
a_pct75	Annual 75th percentile wage
a_pct90	Annual 90th percentile wage
annual	Contains "TRUE" if only annual wages are released. The OEWS program releases only annual wages for some occupations that typically work fewer than 2,080 hours per year, but are paid on an annual basis, such as teachers, pilots, and athletes.
hourly	Contains "TRUE" if only hourly wages are released. The OEWS program releases only hourly wages for some occupations that typically work fewer than 2,080 hours per year and are paid on an hourly basis, such as actors, dancers, and musicians and singers.

### Notes:

\* = indicates that a wage estimate is not available

\*\* = indicates that an employment estimate is not available

# = indicates a wage equal to or greater than \$100.00 per hour or \$208,000 per year

OCC_CODE	OCC_TITLE	O_GROUP	TOT_EMP	EMP_PRSE	JOBS_1000	LOC_Q	H_MEAN	A_MEAN	MEAN_PRSE	H_PCT10	H_PCT25	H_MEDIAN	H_PCT75	H_PCT90	A_PCT10	A_PCT25	A_MEDIAN	A_PCT75	A_PCT90
00-0000	All Occupations	total	58,390	0.0	1000.000	1.00	19.10	39,720	0.7	9.07	10.79	14.31	22.97	35.22	18,870	22,440	29,760	47,780	73,260
11-0000	Management Occupations	major	4,890	3.4	83.682	1.32	36.05	74,990	1.7	17.57	22.54	30.11	45.52	60.92	36,550	46,880	62,620	94,690	126,710
11-1011	Chief Executives	detailed	370	7.5	6.407	4.50	58.12	120,880	6.6	18.29	29.26	45.55	65.88	#	38,040	60,860	94,750	137,030	#
11-1021	General and Operations Managers	detailed	1,180	6.5	20.200	0.95	33.72	70,130	2.5	17.49	22.43	28.83	41.70	59.15	36,370	46,660	59,960	86,740	123,030
11-2021	Marketing Managers	detailed	150	7.4	2.500	1.26	34.33	71,400	6.0	17.86	22.88	29.30	45.52	62.57	37,140	47,600	60,950	94,690	130,150
11-2022	Sales Managers	detailed	180	3.8	3.144	0.98	31.28	65,070	3.2	14.30	18.22	28.25	35.90	57.15	29,740	37,890	58,760	74,660	118,870
11-3012	Administrative Services Managers	detailed	720	5.1	12.346	7.74	29.27	60,870	4.1	17.59	22.44	28.75	34.28	46.99	36,580	46,670	59,790	71,290	97,740
11-3013	Facilities Managers	detailed	50	8.5	0.916	1.28	30.69	63,840	3.0	17.57	22.44	28.76	37.17	48.97	36,550	46,680	59,810	77,310	101,860
11-3021	Computer and Information Systems Managers	detailed	90	2.3	1.480	0.43	*	*	*	*	*	*	*	*	*	*	*	*	*
11-3031	Financial Managers	detailed	330	3.5	5.622	1.16	38.76	80,610	1.6	22.60	29.17	36.93	47.44	61.03	47,010	60,670	76,820	98,670	126,950
11-3061	Purchasing Managers	detailed	60	13.4	0.990	2.01	27.10	56,370	6.0	14.47	17.72	22.35	35.90	46.91	30,100	36,850	46,490	74,660	97,570
11-3071	Transportation, Storage, and Distribution Managers	detailed	140	3.6	2.416	2.35	36.38	75,670	1.3	21.37	28.29	35.72	42.75	57.31	44,440	58,840	74,300	88,920	119,200
11-3121	Human Resources Managers	detailed	80	6.9	1.355	1.15	31.32	65,150	2.1	17.72	18.43	28.98	37.40	48.97	36,850	38,320	60,270	77,780	101,860
11-9021	Construction Managers	detailed	310	34.2	5.314	2.63	35.11	73,020	12.8	17.74	22.69	35.72	47.24	60.41	36,900	47,200	74,300	98,250	125,660
11-9032	Education Administrators, Kindergarten through Secondary	detailed	130	1.8	2.184	1.12	*	73,640	0.9	*	*	*	*	*	47,150	59,430	74,590	93,920	94,410
11-9039	Education Administrators, All Other	detailed	220	0.5	3.720	10.49	52.63	109,470	0.2	39.78	45.03	52.25	60.58	67.86	82,740	93,660	108,680	126,010	141,150
11-9041	Architectural and Engineering Managers	detailed	60	12.5	1.076	0.81	47.46	98,730	3.4	22.79	35.74	45.52	61.35	75.94	47,400	74,350	94,690	127,610	157,960

OCC_CODE	OCC_TITLE	O_GROUP	TOT_EMP	EMP_PRSE	JOBS_1000	LOC_Q	H_MEAN	A_MEAN	MEAN_PRSE	H_PCT10	H_PCT25	H_MEDIAN	H_PCT75	H_PCT90	A_PCT10	A_PCT25	A_MEDIAN	A_PCT75	A_PCT90
11-9051	Food Service Managers	detailed	190	19.1	3.239	2.17	18.36	38,200	5.6	10.97	13.53	17.60	22.28	28.47	22,820	28,140	36,600	46,330	59,220
11-9081	Lodging Managers	detailed	90	9.6	1.481	5.81	24.53	51,010	8.4	13.81	14.17	18.13	28.92	46.78	28,730	29,480	37,720	60,140	97,310
11-9111	Medical and Health Services Managers	detailed	80	6.6	1.332	0.43	50.35	104,720	2.6	28.76	35.90	40.97	46.99	88.06	59,810	74,680	85,220	97,740	183,170
11-9141	Property, Real Estate, and Community Association Managers	detailed	60	11.4	1.021	0.61	28.57	59,420	6.7	13.65	15.01	29.97	37.21	47.25	28,390	31,210	62,340	77,400	98,280
11-9151	Social and Community Service Managers	detailed	30	6.2	0.594	0.54	27.73	57,680	1.9	17.68	22.10	22.30	35.51	40.40	36,770	45,960	46,380	73,850	84,030
11-9199	Managers, All Other	detailed	180	6.1	3.168	0.90	39.57	82,310	1.4	17.58	28.25	38.39	49.22	62.57	36,570	58,760	79,840	102,370	130,150
13-0000	Business and Financial Operations Occupations	major	2,920	1.6	50.051	0.78	26.95	56,060	0.8	14.23	18.26	23.79	32.11	44.70	29,610	37,980	49,490	66,790	92,980
13-1020	Buyers and Purchasing Agents	detailed	210	2.9	3.535	1.13	27.59	57,390	1.8	14.21	17.55	23.79	42.22	47.25	29,550	36,510	49,490	87,820	98,280
13-1031	Claims Adjusters, Examiners, and Investigators	detailed	90	12.7	1.579	0.80	22.09	45,940	2.4	14.59	16.95	18.73	23.79	34.19	30,350	35,260	38,950	49,490	71,120
13-1041	Compliance Officers	detailed	240	1.9	4.059	1.71	31.54	65,600	0.9	16.95	18.73	30.28	44.70	44.70	35,260	38,950	62,980	92,980	92,980
13-1051	Cost Estimators	detailed	50	28.2	0.860	0.58	35.57	73,990	7.9	19.16	28.18	29.50	46.92	49.20	39,850	58,610	61,350	97,590	102,340
13-1071	Human Resources Specialists	detailed	280	3.3	4.853	0.92	25.94	53,960	0.8	17.68	18.73	23.79	30.28	38.43	36,780	38,950	49,490	62,980	79,930
13-1081	Logisticians	detailed	60	4.7	0.961	0.71	31.98	66,520	1.5	18.34	25.68	29.73	38.49	48.43	38,150	53,410	61,840	80,060	100,730
13-1082	Project Management Specialists	detailed	120	14.4	2.106	0.40	27.25	56,690	6.5	17.74	23.81	23.97	29.87	37.17	36,900	49,530	49,850	62,130	77,310
13-1111	Management Analysts	detailed	170	1.6	2.874	0.53	32.91	68,460	1.3	18.73	26.54	30.28	38.49	47.18	38,950	55,200	62,980	80,060	98,130
13-1151	Training and Development Specialists	detailed	50	2.5	0.868	0.36	23.70	49,290	1.0	10.82	14.79	18.73	29.15	46.31	22,510	30,760	38,950	60,640	96,330

OCC_CODE	OCC_TITLE	O_GROUP	TOT_EMP	EMP_PRSE	JOBS_1000	LOC_Q	H_MEAN	A_MEAN	MEAN_PRSE	H_PCT10	H_PCT25	H_MEDIAN	H_PCT75	H_PCT90	A_PCT10	A_PCT25	A_MEDIAN	A_PCT75	A_PCT90
13-1161	Market Research Analysts and Marketing Specialists	detailed	70	9.8	1.276	0.25	20.68	43,020	2.2	11.49	16.36	18.14	23.70	30.28	23,900	34,020	37,720	49,290	62,980
13-1199	Business Operations Specialists, All Other	detailed	420	1.7	7.174	0.98	33.17	68,990	0.6	16.16	25.90	34.19	40.97	48.43	33,610	53,870	71,120	85,220	100,730
13-2011	Accountants and Auditors	detailed	420	5.7	7.251	0.77	24.71	51,400	2.2	17.85	18.27	23.13	29.00	37.38	37,140	37,990	48,110	60,320	77,750
13-2053	Insurance Underwriters	detailed	40	33.2	0.608	0.80	18.81	39,130	8.6	14.08	14.33	14.80	23.32	29.87	29,280	29,800	30,780	48,510	62,130
13-2072	Loan Officers	detailed	80	8.1	1.380	0.57	23.89	49,700	3.2	13.90	14.60	18.57	29.97	37.97	28,900	30,370	38,630	62,340	78,980
13-2082	Tax Preparers	detailed	110	27.1	1.884	3.19	11.89	24,730	2.6	10.74	10.74	10.74	11.06	18.38	22,350	22,350	22,350	23,000	38,230
15-0000	Computer and Mathematical Occupations	major	740	1.7	12.605	0.38	24.96	51,920	0.8	13.91	14.51	22.74	29.97	42.76	28,930	30,190	47,310	62,330	88,940
15-1232	Computer User Support Specialists	detailed	230	5.1	3.881	0.84	16.52	34,360	1.4	10.82	13.91	14.51	18.18	23.05	22,510	28,940	30,190	37,810	47,940
17-0000	Architecture and Engineering Occupations	major	950	5.3	16.225	0.94	31.31	65,120	1.8	17.79	22.69	29.30	38.04	47.95	37,000	47,200	60,940	79,130	99,730
17-1011	Architects, Except Landscape and Naval	detailed	60	20.8	1.084	1.52	35.98	74,840	3.2	22.74	23.44	36.54	45.77	57.58	47,310	48,760	76,000	95,200	119,770
17-2051	Civil Engineers	detailed	280	15.7	4.840	2.24	34.26	71,270	2.8	22.74	23.03	36.69	40.15	47.39	47,300	47,910	76,320	83,520	98,560
17-2071	Electrical Engineers	detailed	60	17.5	1.094	0.83	35.99	74,870	6.7	22.48	22.69	37.59	47.91	48.05	46,760	47,200	78,180	99,650	99,940
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	detailed	40	13.4	0.623	3.84	31.45	65,420	2.6	18.16	22.98	29.06	37.59	47.51	37,770	47,790	60,440	78,180	98,820
17-2141	Mechanical Engineers	detailed	40	12.8	0.740	0.37	30.27	62,960	4.9	18.07	22.48	29.06	40.80	49.50	37,580	46,760	60,440	84,860	102,960
17-3011	Architectural and Civil Drafters	detailed	70	17.1	1.260	1.75	21.74	45,220	6.5	13.97	14.03	22.66	23.22	28.81	29,050	29,180	47,120	48,300	59,930
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	detailed	60	1.5	1.028	1.97	35.05	72,910	0.5	29.97	31.08	35.22	39.37	44.70	62,340	64,650	73,260	81,890	92,980

OCC_CODE	OCC_TITLE	O_GROUP	TOT_EMP	EMP_PRSE	JOBS_1000	LOC_Q	H_MEAN	A_MEAN	MEAN_PRSE	H_PCT10	H_PCT25	H_MEDIAN	H_PCT75	H_PCT90	A_PCT10	A_PCT25	A_MEDIAN	A_PCT75	A_PCT90
17-3031	Surveying and Mapping Technicians	detailed	60	16.5	0.986	2.48	16.72	34,770	5.2	8.88	10.95	17.58	17.91	28.45	18,470	22,780	36,560	37,250	59,180
19-0000	Life, Physical, and Social Science Occupations	major	580	3.6	9.959	1.10	29.12	60,570	1.9	14.88	18.96	24.56	37.29	48.16	30,950	39,430	51,080	77,560	100,180
19-5011	Occupational Health and Safety Specialists	detailed	90	12.6	1.533	2.03	31.34	65,180	8.1	14.97	18.06	29.11	46.91	48.16	31,140	37,560	60,550	97,580	100,180
19-5012	Occupational Health and Safety Technicians	detailed	50	34.1	0.880	5.70	16.77	34,890	6.5	14.08	14.08	14.14	18.10	23.16	29,290	29,290	29,410	37,640	48,160
21-0000	Community and Social Service Occupations	major	800	1.3	13.747	0.86	22.10	45,970	1.0	11.00	14.65	22.56	29.06	29.69	22,880	30,460	46,920	60,450	61,760
21-1012	Educational, Guidance, and Career Counselors and Advisors	detailed	160	0.9	2.749	1.31	27.34	56,870	0.6	14.65	23.33	29.42	29.42	36.94	30,470	48,520	61,190	61,190	76,840
21-1021	Child, Family, and School Social Workers	detailed	50	8.4	0.776	0.32	17.54	36,490	0.8	13.85	14.09	14.23	22.56	23.08	28,810	29,310	29,590	46,920	48,000
21-1022	Healthcare Social Workers	detailed	100	5.2	1.786	1.45	24.47	50,900	2.0	17.98	22.84	23.56	29.06	29.69	37,390	47,500	49,000	60,450	61,760
21-1029	Social Workers, All Other	detailed	40	11.7	0.748	2.12	27.60	57,420	4.8	17.89	17.89	22.56	36.17	45.94	37,200	37,200	46,920	75,230	95,560
21-1093	Social and Human Service Assistants	detailed	160	2.7	2.656	0.94	14.97	31,140	1.2	10.70	11.00	13.99	17.64	22.25	22,260	22,880	29,100	36,700	46,270
21-1099	Community and Social Service Specialists, All Other	detailed	40	2.1	0.724	1.12	15.72	32,700	0.4	11.74	11.74	14.21	17.10	23.33	24,410	24,410	29,550	35,570	48,520
23-0000	Legal Occupations	major	320	2.6	5.412	0.65	38.25	79,560	4.9	13.89	22.39	32.92	52.34	63.28	28,900	46,570	68,470	108,870	131,630
23-1011	Lawyers	detailed	170	5.7	2.997	0.62	49.92	103,840	2.5	30.45	37.39	49.53	61.20	63.28	63,330	77,770	103,010	127,300	131,630
23-2011	Paralegals and Legal Assistants	detailed	80	17.7	1.326	0.56	20.78	43,210	3.3	13.89	14.69	18.50	23.33	31.08	28,890	30,560	38,480	48,520	64,650



OCC_CODE	OCC_TITLE	O_GROUP	TOT_EMP	EMP_PRSE	JOBS_1000	LOC_Q	H_MEAN	A_MEAN	MEAN_PRSE	H_PCT10	H_PCT25	H_MEDIAN	H_PCT75	H_PCT90	A_PCT10	A_PCT25	A_MEDIAN	A_PCT75	A_PCT90
25-0000	Educational Instruction and Library Occupations	major	4,500	0.8	77.140	1.33	22.44	46,680	0.6	11.15	14.39	23.08	29.38	36.94	23,190	29,940	48,010	61,120	76,840
25-1194	Career/Technical Education Teachers, Postsecondary	detailed	70	6.0	1.271	1.70	33.86	70,420	1.9	18.15	23.15	36.94	46.68	46.68	37,740	48,160	76,840	97,090	97,090
25-2011	Preschool Teachers, Except Special Education	detailed	70	29.8	1.117	0.40	12.35	25,690	7.1	9.06	9.10	11.14	11.24	22.15	18,850	18,940	23,170	23,390	46,070
25-2012	Kindergarten Teachers, Except Special Education	detailed	140	2.9	2.382	2.78	*	52,280	1.1	*	*	*	*	*	37,950	47,140	48,010	60,550	60,550
25-2021	Elementary School Teachers, Except Special Education	detailed	820	1.1	14.021	1.49	*	51,570	1.0	*	*	*	*	*	29,230	38,280	48,490	61,120	76,840
25-2022	Middle School Teachers, Except Special and Career/Technical Education	detailed	560	2.2	9.558	2.27	*	48,630	0.9	*	*	*	*	*	29,210	38,280	48,490	61,120	61,120
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	detailed	600	3.8	10.238	1.41	*	51,990	2.1	*	*	*	*	*	34,500	38,280	48,490	61,120	76,840
25-3021	Self-Enrichment Teachers	detailed	550	0.5	9.440	6.13	24.18	50,290	0.6	23.08	23.08	23.08	23.08	29.11	48,010	48,010	48,010	48,010	60,550
25-3099	Teachers and Instructors, All Other	detailed	150	7.5	2.485	2.13	*	48,250	0.6	*	*	*	*	*	26,480	32,410	37,950	48,280	94,470
25-4022	Librarians and Media Collections Specialists	detailed	50	1.3	0.856	0.94	31.58	65,690	0.9	23.31	29.38	29.38	36.94	36.94	48,490	61,120	61,120	76,840	76,840
25-4031	Library Technicians	detailed	40	5.5	0.630	1.22	16.65	34,630	1.9	10.93	14.53	18.11	18.11	18.22	22,740	30,230	37,660	37,660	37,900

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25-9045	Teaching Assistants, Except Postsecondary	detailed	750	3.0	12.786	1.52	*	27,640	1.1	*	*	*	*	*	22,330	23,980	23,980	29,940	37,390
25-9099	Educational Instruction and Library Workers, All Other	detailed	70	4.1	1.247	1.13	19.70	40,980	0.4	15.15	15.15	17.17	21.47	29.07	31,510	31,510	35,710	44,660	60,470
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	major	450	3.3	7.731	0.60	17.51	36,410	1.7	9.18	10.65	14.14	22.54	30.82	19,100	22,150	29,420	46,880	64,110
27-1024	Graphic Designers	detailed	60	20.5	1.096	0.76	15.38	31,980	3.5	10.82	11.60	14.47	18.33	23.27	22,510	24,130	30,100	38,130	48,400
27-1026	Merchandise Displayers and Window Trimmers	detailed	50	5.6	0.786	0.69	10.38	21,590	1.5	9.36	9.36	9.36	10.91	12.78	19,460	19,460	19,460	22,680	26,590
27-3011	Broadcast Announcers and Radio Disc Jockeys	detailed	30	9.7	0.557	3.19	11.65	24,230	3.8	8.75	9.18	10.77	12.19	14.45	18,200	19,100	22,400	25,360	30,060
29-0000	Healthcare Practitioners and Technical Occupations	major	2,060	2.1	35.242	0.57	32.50	67,600	2.3	14.00	17.62	22.71	35.92	58.18	29,120	36,640	47,240	74,710	121,020
29-1051	Pharmacists	detailed	70	5.2	1.156	0.52	54.19	112,710	1.4	36.31	49.16	58.18	62.02	62.91	75,530	102,250	121,020	129,000	130,840
29-1141	Registered Nurses	detailed	690	3.7	11.742	0.54	*	*	*	*	*	*	*	*	*	*	*	*	*
29-1215	Family Medicine Physicians	detailed	40	39.5	0.647	0.89	87.60	182,210	14.7	37.46	61.86	62.59	#	#	77,920	128,660	130,180	#	#
29-1229	Physicians, All Other	detailed	60	17.4	1.029	0.56	102.44	213,080	7.6	58.70	62.59	#	#	#	122,090	130,180	#	#	#
29-2042	Emergency Medical Technicians	detailed	40	2.1	0.625	0.55	16.28	33,870	1.0	10.67	14.08	17.55	17.65	17.65	22,180	29,290	36,500	36,710	36,710
29-2052	Pharmacy Technicians	detailed	130	6.5	2.168	0.70	14.42	29,990	0.8	10.57	11.12	14.09	17.39	17.95	21,980	23,130	29,300	36,170	37,330
29-2061	Licensed Practical and Licensed Vocational Nurses	detailed	110	8.4	1.841	0.40	18.54	38,570	1.5	14.19	17.65	18.11	18.25	22.54	29,510	36,710	37,670	37,950	46,870

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29-2072	Medical Records Specialists	detailed	110	13.6	1.855	1.45	17.87	37,170	4.3	11.23	14.09	17.68	22.37	22.67	23,360	29,300	36,770	46,520	47,150
29-2099	Health Technologists and Technicians, All Other	detailed	60	14.2	1.046	1.05	14.41	29,970	3.7	11.25	11.25	14.09	14.09	17.53	23,410	23,410	29,300	29,300	36,450
31-0000	Healthcare Support Occupations	major	1,130	4.5	19.345	0.41	13.31	27,670	1.3	8.88	10.98	11.66	14.55	18.17	18,460	22,840	24,240	30,260	37,790
31-1131	Nursing Assistants	detailed	330	3.6	5.568	0.60	13.38	27,830	0.5	10.24	10.98	13.73	14.55	17.91	21,300	22,840	28,560	30,260	37,250
31-9011	Massage Therapists	detailed	90	8.6	1.625	2.83	9.44	19,640	1.5	8.83	8.83	8.86	9.39	11.14	18,360	18,370	18,430	19,520	23,170
31-9091	Dental Assistants	detailed	120	7.1	2.053	0.83	17.94	37,320	5.4	11.60	14.02	17.94	22.42	22.63	24,130	29,170	37,300	46,640	47,080
31-9092	Medical Assistants	detailed	300	16.9	5.119	0.99	12.53	26,060	4.3	8.80	10.95	11.60	14.17	17.73	18,300	22,770	24,130	29,470	36,880
33-0000	Protective Service Occupations	major	2,450	0.9	41.921	1.74	19.18	39,900	0.6	9.63	10.00	18.09	23.26	29.64	20,040	20,800	37,620	48,390	61,650
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	detailed	50	0.9	0.856	1.49	36.17	75,240	0.4	29.64	33.15	37.66	37.66	38.08	61,650	68,950	78,330	78,330	79,200
33-1091	First-Line Supervisors of Security Workers	detailed	30	15.1	0.575	1.46	18.24	37,950	7.6	9.80	10.82	11.32	28.86	36.46	20,380	22,510	23,550	60,030	75,840
33-2011	Firefighters	detailed	300	1.3	5.104	2.27	23.11	48,080	0.6	14.37	18.09	22.81	28.86	28.86	29,890	37,620	47,440	60,030	60,030
33-9032	Security Guards	detailed	850	2.1	14.626	1.95	10.82	22,510	1.3	9.32	9.63	9.63	11.12	13.72	19,390	20,040	20,040	23,130	28,550
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	detailed	50	4.4	0.861	1.06	11.04	22,960	1.3	8.75	10.55	10.92	11.30	14.15	18,200	21,950	22,710	23,500	29,420
33-9099	Protective Service Workers, All Other	detailed	40	9.9	0.654	0.92	11.14	23,180	2.0	9.42	9.65	9.65	9.65	15.44	19,600	20,070	20,070	20,070	32,110
35-0000	Food Preparation and Serving Related Occupations	major	5,580	3.0	95.511	1.20	10.58	22,000	0.6	8.81	9.43	9.86	10.69	12.27	18,330	19,600	20,510	22,240	25,520
35-1011	Chefs and Head Cooks	detailed	110	9.6	1.834	1.99	22.45	46,690	3.7	13.85	14.75	18.91	29.00	36.18	28,810	30,670	39,340	60,310	75,240

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35-1012	First-Line Supervisors of Food Preparation and Serving Workers	detailed	730	11.1	12.574	1.70	12.42	25,830	2.7	10.22	10.77	11.37	14.35	15.07	21,270	22,390	23,640	29,860	31,340
35-2011	Cooks, Fast Food	detailed	340	17.5	5.888	1.08	9.94	20,670	0.9	9.42	9.75	9.86	9.86	10.87	19,600	20,280	20,510	20,510	22,610
35-2012	Cooks, Institution and Cafeteria	detailed	50	19.8	0.930	0.33	13.18	27,420	3.8	9.47	11.22	14.44	14.76	15.38	19,690	23,340	30,040	30,690	31,980
35-2014	Cooks, Restaurant	detailed	800	10.7	13.730	1.62	11.00	22,890	2.5	8.81	10.03	10.23	11.19	13.58	18,330	20,850	21,270	23,280	28,240
35-2015	Cooks, Short Order	detailed	30	27.4	0.515	0.58	10.17	21,160	2.8	8.88	9.47	9.94	11.22	11.45	18,470	19,690	20,670	23,340	23,810
35-2021	Food Preparation Workers	detailed	330	17.5	5.681	1.02	10.16	21,130	0.8	8.81	9.47	9.69	10.03	12.20	18,330	19,690	20,150	20,860	25,380
35-3011	Bartenders	detailed	160	22.7	2.769	0.80	9.79	20,360	0.9	8.75	8.75	9.44	9.96	10.50	18,200	18,200	19,640	20,720	21,830
35-3023	Fast Food and Counter Workers	detailed	900	23.0	15.499	0.71	10.24	21,290	2.7	9.42	9.42	9.86	10.62	11.78	19,600	19,600	20,510	22,090	24,500
35-3031	Waiters and Waitresses	detailed	1,270	9.2	21.747	1.70	9.43	19,610	0.5	8.81	8.81	9.45	9.67	9.90	18,330	18,330	19,650	20,120	20,590
35-3041	Food Servers, Nonrestaurant	detailed	100	38.7	1.711	0.99	10.59	22,020	2.3	9.78	9.86	10.16	10.35	12.23	20,350	20,510	21,140	21,530	25,440
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	detailed	50	34.7	0.872	0.36	9.49	19,730	1.1	9.42	9.43	9.44	9.44	9.46	19,600	19,610	19,640	19,640	19,670
35-9021	Dishwashers	detailed	250	33.7	4.228	1.58	9.42	19,590	2.2	8.81	8.81	9.35	9.73	10.47	18,330	18,330	19,440	20,250	21,780
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	detailed	120	22.0	2.141	0.93	9.65	20,080	1.1	9.43	9.43	9.44	9.76	9.83	19,610	19,620	19,640	20,300	20,440
35-9099	Food Preparation and Serving Related Workers, All Other	detailed	310	32.1	5.395	9.13	9.35	19,440	2.1	8.81	8.81	8.81	9.65	10.45	18,330	18,330	18,330	20,070	21,740
37-0000	Building and Grounds Cleaning and Maintenance Occupations	major	2,170	6.7	37.227	1.28	10.99	22,850	0.9	8.86	9.17	9.78	11.18	14.31	18,420	19,070	20,350	23,260	29,750

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37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	detailed	160	5.5	2.689	2.47	14.66	30,500	1.9	10.96	11.13	11.58	14.61	23.05	22,790	23,150	24,080	30,400	47,940
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	detailed	50	22.4	0.836	1.01	15.34	31,910	4.2	10.82	11.04	13.85	17.58	22.58	22,510	22,970	28,810	36,560	46,960
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	detailed	850	8.7	14.473	1.00	10.92	22,700	1.5	8.86	9.10	9.39	11.14	14.80	18,420	18,930	19,540	23,170	30,790
37-2012	Maids and Housekeeping Cleaners	detailed	570	5.3	9.818	1.91	9.58	19,930	0.5	8.86	8.86	9.39	9.68	11.06	18,420	18,440	19,540	20,140	23,010
37-2021	Pest Control Workers	detailed	40	4.0	0.742	1.22	13.06	27,170	3.6	9.03	11.10	13.64	14.51	14.51	18,790	23,080	28,360	30,180	30,180
37-3011	Landscaping and Groundskeeping Workers	detailed	490	23.7	8.316	1.31	10.74	22,350	1.9	8.84	9.19	10.79	11.18	13.23	18,380	19,100	22,440	23,260	27,520
39-0000	Personal Care and Service Occupations	major	770	6.6	13.129	0.72	10.72	22,310	1.8	8.87	9.00	9.44	10.88	14.12	18,450	18,720	19,640	22,630	29,380
39-3091	Amusement and Recreation Attendants	detailed	110	11.1	1.875	1.01	9.30	19,330	0.7	8.75	8.87	9.10	9.52	9.97	18,200	18,450	18,930	19,800	20,730
39-5012	Hairdressers, Hairstylists, and Cosmetologists	detailed	40	26.0	0.601	0.30	10.18	21,170	10.0	9.09	9.49	9.51	9.67	10.63	18,900	19,750	19,770	20,120	22,110
39-6011	Baggage Porters and Bellhops	detailed	60	13.3	0.961	6.59	9.70	20,170	2.6	8.87	8.88	9.34	10.10	10.62	18,440	18,470	19,430	21,010	22,090
39-6012	Concierges	detailed	80	5.8	1.401	5.88	10.98	22,830	0.6	9.19	9.21	10.62	11.42	13.77	19,120	19,150	22,090	23,760	28,630
39-9011	Childcare Workers	detailed	170	21.4	2.829	0.91	9.49	19,750	2.9	8.99	9.00	9.00	9.64	10.49	18,700	18,720	18,720	20,050	21,820
39-9032	Recreation Workers	detailed	60	1.5	1.105	0.59	11.46	23,830	0.6	9.10	9.10	11.08	11.08	14.74	18,930	18,930	23,050	23,050	30,670
41-0000	Sales and Related Occupations	major	4,750	3.0	81.281	0.86	12.42	25,830	1.5	8.83	9.04	10.62	13.62	17.68	18,370	18,800	22,090	28,320	36,770

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41-1011	First-Line Supervisors of Retail Sales Workers	detailed	410	11.1	6.969	0.86	15.83	32,920	2.6	9.08	11.22	14.14	17.87	23.18	18,890	23,330	29,420	37,170	48,220
41-1012	First-Line Supervisors of Non-Retail Sales Workers	detailed	60	17.5	1.012	0.58	21.44	44,600	7.2	11.31	14.55	18.61	23.68	37.08	23,520	30,260	38,710	49,260	77,120
41-2011	Cashiers	detailed	2,200	6.2	37.704	1.60	10.22	21,270	0.8	8.81	8.98	9.25	10.94	13.62	18,330	18,680	19,240	22,750	28,320
41-2021	Counter and Rental Clerks	detailed	240	15.1	4.038	1.53	10.81	22,470	3.5	8.84	8.95	10.13	11.08	13.90	18,380	18,610	21,060	23,040	28,910
41-2022	Parts Salespersons	detailed	50	29.8	0.815	0.43	12.63	26,270	4.8	9.09	9.92	11.08	13.77	17.35	18,910	20,620	23,040	28,630	36,090
41-2031	Retail Salespersons	detailed	1,260	4.7	21.562	0.82	12.24	25,460	1.4	8.81	9.06	10.15	11.34	16.82	18,330	18,850	21,100	23,590	34,990
41-3021	Insurance Sales Agents	detailed	60	13.7	0.945	0.32	21.92	45,590	7.6	11.23	14.43	17.68	29.66	30.00	23,350	30,010	36,770	61,700	62,390
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	detailed	100	9.6	1.779	0.24	19.01	39,540	2.7	9.32	12.40	15.00	22.62	32.34	19,380	25,780	31,200	47,050	67,270
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	detailed	250	7.9	4.225	0.48	17.31	36,000	3.4	10.82	11.27	14.47	20.97	27.33	22,510	23,450	30,110	43,620	56,850
43-0000	Office and Administrative Support Occupations	major	8,030	1.1	137.451	1.06	15.54	32,320	0.5	9.13	11.00	14.05	17.99	22.94	19,000	22,870	29,230	37,410	47,720
43-1011	First-Line Supervisors of Office and Administrative Support Workers	detailed	860	3.4	14.768	1.44	20.75	43,160	1.0	11.34	14.24	18.31	23.38	29.30	23,580	29,620	38,090	48,620	60,940
43-3011	Bill and Account Collectors	detailed	70	11.0	1.168	0.77	13.84	28,790	2.2	10.79	10.79	13.73	17.35	17.71	22,440	22,440	28,560	36,090	36,840

OCC_CODE	OCC_TITLE	O_GROUP	TOT_EMP	EMP_PRSE	JOBS_1000	LOC_Q	H_MEAN	A_MEAN	MEAN_PRSE	H_PCT10	H_PCT25	H_MEDIAN	H_PCT75	H_PCT90	A_PCT10	A_PCT25	A_MEDIAN	A_PCT75	A_PCT90
43-3021	Billing and Posting Clerks	detailed	120	10.1	2.004	0.66	13.53	28,130	2.0	10.34	10.91	13.14	17.58	17.89	21,510	22,700	27,340	36,560	37,220
43-3031	Bookkeeping, Accounting, and Auditing Clerks	detailed	780	4.9	13.310	1.24	14.49	30,140	2.3	9.06	10.96	14.04	17.81	22.56	18,850	22,810	29,200	37,050	46,920
43-3051	Payroll and Timekeeping Clerks	detailed	90	28.6	1.574	1.49	16.10	33,480	4.4	11.56	14.04	14.32	17.97	22.66	24,030	29,200	29,790	37,370	47,130
43-3061	Procurement Clerks	detailed	90	7.7	1.475	3.35	16.94	35,230	2.5	10.12	10.91	17.35	22.04	24.56	21,050	22,700	36,090	45,840	51,080
43-4031	Court, Municipal, and License Clerks	detailed	140	0.4	2.480	2.33	16.39	34,100	0.2	11.22	14.27	14.27	17.97	22.66	23,340	29,690	29,690	37,370	47,130
43-4051	Customer Service Representatives	detailed	860	3.1	14.643	0.74	13.50	28,080	0.8	9.14	11.16	13.75	14.31	17.72	19,020	23,210	28,590	29,760	36,860
43-4061	Eligibility Interviewers, Government Programs	detailed	40	0.0	0.671	0.62	15.84	32,950	0.1	11.05	14.05	14.05	17.72	21.70	22,980	29,230	29,230	36,860	45,140
43-4071	File Clerks	detailed	50	9.9	0.771	1.27	13.75	28,610	3.8	8.81	11.05	14.05	17.35	18.05	18,310	22,980	29,230	36,090	37,530
43-4081	Hotel, Motel, and Resort Desk Clerks	detailed	160	6.0	2.658	1.70	9.86	20,520	0.5	9.06	9.08	9.14	10.72	10.92	18,840	18,880	19,020	22,310	22,710
43-4131	Loan Interviewers and Clerks	detailed	60	10.1	1.060	0.63	13.67	28,420	1.1	10.82	11.04	13.85	14.35	17.90	22,510	22,970	28,810	29,840	37,230
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	detailed	70	16.2	1.264	1.73	15.61	32,470	3.0	10.96	11.14	14.10	18.16	22.66	22,810	23,180	29,320	37,770	47,130
43-4171	Receptionists and Information Clerks	detailed	250	6.4	4.324	0.62	10.62	22,080	0.7	8.86	9.14	10.78	11.06	13.50	18,420	19,020	22,420	23,000	28,080
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	detailed	220	2.4	3.841	5.37	14.91	31,010	0.7	9.84	13.18	13.85	17.17	21.83	20,460	27,420	28,810	35,720	45,400
43-4199	Information and Record Clerks, All Other	detailed	120	1.2	2.067	1.88	19.90	41,390	0.5	9.07	15.15	20.78	24.56	27.30	18,870	31,510	43,220	51,080	56,780
43-5021	Couriers and Messengers	detailed	50	9.8	0.918	1.89	11.08	23,050	2.1	8.93	8.95	10.79	13.87	13.89	18,570	18,610	22,440	28,840	28,900

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43-5032	Dispatchers, Except Police, Fire, and Ambulance	detailed	100	6.2	1.757	1.27	16.92	35,190	2.1	10.82	12.83	16.95	21.97	25.58	22,510	26,680	35,260	45,690	53,210
43-5051	Postal Service Clerks	detailed	30	0.0	0.548	0.97	27.25	56,680	0.0	21.29	24.88	28.00	30.87	31.49	44,280	51,750	58,230	64,210	65,500
43-5052	Postal Service Mail Carriers	detailed	50	0.0	0.788	0.33	24.08	50,090	0.0	18.51	18.51	21.60	32.32	32.32	38,500	38,500	44,930	67,230	67,230
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	detailed	40	0.0	0.685	0.86	23.66	49,200	0.0	18.69	21.29	21.29	28.48	30.87	38,880	44,280	44,280	59,230	64,210
43-5061	Production, Planning, and Expediting Clerks	detailed	170	7.7	2.968	1.14	20.56	42,760	3.0	10.96	14.32	22.97	23.26	29.37	22,810	29,790	47,780	48,370	61,090
43-5071	Shipping, Receiving, and Inventory Clerks	detailed	440	7.0	7.575	1.34	14.99	31,180	2.6	8.84	10.63	13.73	20.94	22.99	18,380	22,120	28,560	43,560	47,820
43-6011	Executive Secretaries and Executive Administrative Assistants	detailed	110	7.5	1.957	0.59	23.30	48,460	5.6	14.08	14.35	18.32	23.38	47.75	29,280	29,850	38,100	48,620	99,330
43-6012	Legal Secretaries and Administrative Assistants	detailed	80	12.2	1.305	1.18	17.50	36,390	2.2	14.03	14.14	17.68	21.54	22.56	29,180	29,420	36,770	44,810	46,920
43-6013	Medical Secretaries and Administrative Assistants	detailed	230	8.6	3.987	0.86	14.70	30,570	2.4	10.79	10.95	13.90	17.89	22.29	22,440	22,780	28,900	37,220	46,360
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	detailed	1,110	4.0	19.034	1.47	15.59	32,420	1.1	9.61	11.08	14.12	18.05	22.65	19,990	23,050	29,360	37,530	47,110
43-9021	Data Entry Keyers	detailed	80	4.6	1.305	1.25	12.39	25,780	1.6	8.97	10.99	11.05	14.05	17.62	18,670	22,860	22,980	29,230	36,650
43-9041	Insurance Claims and Policy Processing Clerks	detailed	70	18.9	1.202	0.78	13.89	28,880	2.3	10.82	11.08	13.85	16.34	17.81	22,510	23,050	28,810	33,980	37,050



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43-9061	Office Clerks, General	detailed	710	5.5	12.214	0.67	12.30	25,580	2.3	8.97	9.21	11.08	14.05	17.72	18,670	19,150	23,050	29,230	36,860
45-0000	Farming, Fishing, and Forestry Occupations	major	60	7.9	1.081	0.34	17.18	35,740	3.2	9.25	11.32	15.21	18.99	29.34	19,250	23,540	31,630	39,500	61,020
47-0000	Construction and Extraction Occupations	major	5,790	5.4	99.175	2.39	17.05	35,460	2.3	10.96	13.90	17.35	18.19	23.24	22,790	28,910	36,100	37,830	48,340
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	detailed	440	12.7	7.467	1.58	23.89	49,690	4.0	14.41	18.27	23.28	29.66	37.03	29,970	37,990	48,420	61,690	77,010
47-2031	Carpenters	detailed	1,080	13.0	18.487	3.90	16.48	34,290	2.3	13.85	14.08	17.58	17.95	18.19	28,810	29,280	36,560	37,340	37,830
47-2051	Cement Masons and Concrete Finishers	detailed	550	18.9	9.378	7.08	15.55	32,330	2.5	13.85	13.98	14.27	17.58	17.95	28,810	29,090	29,670	36,560	37,330
47-2061	Construction Laborers	detailed	1,070	15.7	18.296	2.66	12.12	25,220	2.7	8.99	10.90	11.08	14.02	14.16	18,700	22,660	23,050	29,170	29,460
47-2073	Operating Engineers and Other Construction Equipment Operators	detailed	390	8.1	6.712	2.34	18.88	39,270	2.6	14.14	17.58	17.98	18.58	27.01	29,410	36,560	37,390	38,640	56,180
47-2111	Electricians	detailed	520	13.4	8.964	1.94	20.72	43,100	3.5	13.90	17.68	18.21	23.21	29.41	28,900	36,770	37,880	48,280	61,170
47-2141	Painters, Construction and Maintenance	detailed	400	28.8	6.912	4.55	17.53	36,470	1.4	14.07	14.27	17.75	18.17	22.75	29,270	29,680	36,930	37,790	47,310
47-2152	Plumbers, Pipefitters, and Steamfitters	detailed	200	14.5	3.475	1.17	18.93	39,370	5.4	14.02	17.68	18.25	23.11	23.21	29,170	36,770	37,950	48,070	48,280
47-2171	Reinforcing Iron and Rebar Workers	detailed	250	15.1	4.230	36.30	17.48	36,350	1.5	14.26	16.91	18.00	18.11	18.11	29,660	35,180	37,440	37,670	37,670
47-2181	Roofers	detailed	**	**	**	**	15.04	31,280	9.7	11.07	14.14	14.17	14.17	17.98	23,020	29,410	29,470	29,470	37,400
47-2211	Sheet Metal Workers	detailed	50	25.6	0.805	0.92	18.51	38,500	4.6	14.21	17.58	17.77	18.21	22.97	29,560	36,560	36,970	37,880	47,780
47-2221	Structural Iron and Steel Workers	detailed	40	30.8	0.651	1.34	14.69	30,540	7.0	11.16	11.24	14.27	17.93	18.03	23,220	23,380	29,670	37,290	37,490
47-3013	Helpers--Electricians	detailed	80	21.0	1.437	2.81	17.15	35,670	6.0	11.22	13.98	14.50	22.57	22.57	23,340	29,080	30,150	46,940	46,940

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47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	detailed	40	31.6	0.654	2.01	11.31	23,510	8.2	8.77	8.77	11.04	14.02	14.05	18,250	18,250	22,970	29,160	29,220
47-3019	Helpers, Construction Trades, All Other	detailed	**	**	**	**	14.01	29,150	7.3	14.02	14.02	14.02	14.05	14.05	29,160	29,170	29,170	29,220	29,220
47-4011	Construction and Building Inspectors	detailed	40	30.2	0.740	0.88	22.81	47,440	10.5	14.37	17.68	18.19	29.20	29.41	29,880	36,770	37,840	60,730	61,170
47-4041	Hazardous Materials Removal Workers	detailed	30	20.1	0.545	1.73	22.21	46,200	12.1	13.99	15.68	17.95	28.45	36.18	29,090	32,620	37,330	59,180	75,240
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	detailed	40	15.4	0.716	3.52	22.09	45,950	5.9	11.04	18.19	23.11	29.41	29.41	22,970	37,840	48,070	61,170	61,170
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	detailed	**	**	**	**	27.76	57,730	19.9	18.16	23.17	29.66	29.67	37.84	37,760	48,200	61,700	61,710	78,720
49-0000	Installation, Maintenance, and Repair Occupations	major	3,180	6.0	54.479	1.38	17.87	37,170	2.3	10.79	11.32	14.97	22.56	28.59	22,440	23,550	31,130	46,930	59,460
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	detailed	260	4.0	4.430	1.19	23.35	48,560	1.8	11.22	14.21	22.74	29.16	36.95	23,340	29,550	47,310	60,660	76,850
49-2098	Security and Fire Alarm Systems Installers	detailed	100	44.3	1.723	3.14	16.73	34,790	2.8	10.82	11.50	14.60	22.32	23.62	22,510	23,930	30,360	46,420	49,130
49-3011	Aircraft Mechanics and Service Technicians	detailed	60	7.0	1.058	1.19	23.98	49,880	1.2	17.08	17.58	22.42	28.81	35.64	35,520	36,560	46,630	59,930	74,140
49-3023	Automotive Service Technicians and Mechanics	detailed	240	7.6	4.114	0.92	16.32	33,950	2.5	9.01	11.32	17.25	17.99	22.76	18,740	23,550	35,880	37,420	47,340

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49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	detailed	120	8.0	1.978	1.07	19.60	40,780	1.1	14.11	15.93	22.08	22.76	23.00	29,350	33,130	45,920	47,340	47,830
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	detailed	130	5.3	2.153	2.09	21.02	43,710	1.6	14.30	17.77	19.50	23.20	28.59	29,750	36,950	40,560	48,250	59,460
49-3093	Tire Repairers and Changers	detailed	60	40.3	1.070	1.62	12.14	25,260	1.6	10.54	10.74	11.09	13.63	13.85	21,920	22,350	23,080	28,340	28,810
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	detailed	330	21.0	5.609	2.21	23.01	47,870	11.1	11.13	14.11	17.88	23.00	46.00	23,160	29,350	37,190	47,830	95,680
49-9043	Maintenance Workers, Machinery	detailed	70	21.3	1.159	2.83	17.26	35,890	4.8	10.93	13.85	17.76	22.28	22.32	22,740	28,810	36,950	46,350	46,420
49-9051	Electrical Power-Line Installers and Repairers	detailed	50	3.7	0.873	0.99	22.67	47,160	1.6	14.23	17.92	22.59	28.59	34.78	29,600	37,270	47,000	59,460	72,350
49-9071	Maintenance and Repair Workers, General	detailed	650	4.0	11.104	1.10	13.94	28,990	0.9	9.02	10.89	13.85	14.49	22.28	18,770	22,660	28,810	30,130	46,350
49-9098	Helpers--Installation, Maintenance, and Repair Workers	detailed	390	30.6	6.609	10.52	12.39	25,770	1.7	9.02	10.80	10.99	13.96	17.52	18,770	22,470	22,850	29,030	36,450
49-9099	Installation, Maintenance, and Repair Workers, All Other	detailed	150	15.9	2.572	2.21	15.74	32,740	6.5	10.79	11.14	14.18	14.18	27.29	22,440	23,180	29,480	29,480	56,760
51-0000	Production Occupations	major	1,510	5.0	25.828	0.43	16.34	33,980	1.6	9.07	10.62	14.31	18.41	28.80	18,860	22,090	29,760	38,290	59,900
51-1011	First-Line Supervisors of Production and Operating Workers	detailed	150	6.3	2.545	0.57	25.54	53,130	3.3	9.21	14.35	23.07	37.43	41.11	19,160	29,850	47,980	77,860	85,510

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51-2090	Miscellaneous Assemblers and Fabricators	detailed	30	19.2	0.550	0.06	11.76	24,460	8.0	9.19	10.21	11.02	13.24	14.21	19,120	21,230	22,930	27,540	29,550
51-3011	Bakers	detailed	120	14.7	1.999	1.55	11.24	23,370	2.5	8.93	9.22	10.89	11.27	13.93	18,580	19,170	22,640	23,440	28,980
51-3021	Butchers and Meat Cutters	detailed	100	25.3	1.773	1.71	14.40	29,950	8.3	9.04	11.07	11.36	18.08	22.55	18,800	23,030	23,630	37,610	46,900
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	detailed	30	37.2	0.553	0.59	11.91	24,780	6.6	9.02	10.76	12.73	13.59	13.66	18,770	22,380	26,470	28,270	28,410
51-4121	Welders, Cutters, Solderers, and Brazers	detailed	190	9.9	3.285	1.16	19.65	40,880	1.6	14.13	18.02	18.29	22.93	24.55	29,390	37,480	38,050	47,690	51,060
51-6011	Laundry and Dry-Cleaning Workers	detailed	160	24.2	2.768	2.48	9.57	19,910	1.0	8.85	9.22	9.22	9.23	11.06	18,400	19,170	19,170	19,200	22,990
51-8031	Water and Wastewater Treatment Plant and System Operators	detailed	40	1.8	0.630	0.73	22.23	46,240	0.8	18.15	18.15	22.89	26.76	28.96	37,760	37,760	47,610	55,660	60,240
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	detailed	40	12.9	0.635	0.16	19.99	41,580	4.5	10.79	17.49	18.19	22.53	28.43	22,440	36,380	37,830	46,850	59,140
51-9198	Helpers--Production Workers	detailed	200	8.1	3.499	2.43	*	*	*	*	*	*	*	*	*	*	*	*	*
53-0000	Transportation and Material Moving Occupations	major	4,780	2.7	81.778	0.91	14.96	31,120	1.0	8.86	9.35	11.25	17.35	23.10	18,420	19,440	23,400	36,090	48,050
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	detailed	230	9.0	3.872	0.99	18.80	39,110	3.7	10.82	13.52	14.51	23.07	29.96	22,510	28,120	30,170	47,990	62,330
53-3031	Driver/Sales Workers	detailed	380	14.5	6.429	1.90	11.02	22,920	2.7	8.81	9.35	9.69	11.12	14.29	18,330	19,440	20,160	23,130	29,730
53-3032	Heavy and Tractor-Trailer Truck Drivers	detailed	510	5.0	8.666	0.64	17.15	35,680	1.7	11.27	14.24	17.44	18.47	23.10	23,450	29,630	36,280	38,410	48,050

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53-3033	Light Truck Drivers	detailed	340	8.2	5.825	0.81	12.16	25,280	1.7	9.12	9.52	11.21	13.40	17.65	18,970	19,800	23,320	27,880	36,700
53-3052	Bus Drivers, Transit and Intercity	detailed	80	11.2	1.329	1.28	13.26	27,580	5.1	11.40	11.40	13.81	14.54	17.12	23,710	23,710	28,710	30,250	35,610
53-3053	Shuttle Drivers and Chauffeurs	detailed	50	10.3	0.921	0.74	12.33	25,650	2.6	8.75	9.30	11.25	14.29	15.76	18,200	19,330	23,400	29,730	32,780
53-7021	Crane and Tower Operators	detailed	70	20.3	1.187	3.85	25.64	53,340	5.3	18.26	18.84	24.21	30.36	30.36	37,980	39,190	50,350	63,160	63,160
53-7051	Industrial Truck and Tractor Operators	detailed	110	14.1	1.879	0.35	14.46	30,080	4.8	9.30	10.55	12.43	17.97	23.29	19,350	21,940	25,860	37,370	48,440
53-7061	Cleaners of Vehicles and Equipment	detailed	200	25.3	3.355	1.34	9.97	20,740	2.5	8.81	8.96	9.35	10.57	11.12	18,330	18,640	19,440	21,990	23,130
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	detailed	300	10.3	5.182	0.27	13.14	27,340	1.5	8.96	10.50	11.43	14.19	19.42	18,640	21,830	23,770	29,520	40,390
53-7064	Packers and Packagers, Hand	detailed	200	20.4	3.420	0.82	9.51	19,790	1.4	8.81	8.86	8.96	10.12	11.12	18,330	18,420	18,640	21,050	23,130
53-7065	Stockers and Order Fillers	detailed	1,370	5.8	23.408	1.35	10.85	22,570	1.4	8.81	8.96	10.62	10.99	14.00	18,330	18,640	22,090	22,850	29,110
53-7081	Refuse and Recyclable Material Collectors	detailed	110	7.2	1.934	2.16	13.00	27,040	2.0	9.30	9.30	12.58	16.95	17.30	19,350	19,350	26,170	35,260	35,980
53-7199	Material Moving Workers, All Other	detailed	**	**	**	**	9.82	20,430	1.3	8.75	9.30	9.52	9.52	11.35	18,200	19,350	19,800	19,800	23,620