

Occupational Employment and Wage Statistics

May 2023 State Occupational Employment and Wage Estimates

Guam

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](#)
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- 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	64,680	0.0%	1000.000	1.00	\$16.02	\$20.29	\$42,210	0.4%
11-0000	Management Occupations	major	5,580	4.8%	86.211	1.25	\$31.53	\$36.75	\$76,430	1.5%
11-1011	Chief Executives	detail	340	9.4%	5.326	3.83	\$50.08	\$59.17	\$123,080	3.1%
11-1021	General and Operations Managers	detail	1,360	7.4%	21.071	0.91	\$30.07	\$35.52	\$73,870	2.4%
11-2021	Marketing Managers	detail	180	11.3%	2.849	1.17	\$26.17	\$31.98	\$66,520	3.3%
11-2022	Sales Managers	detail	200	5.4%	3.140	0.83	\$30.79	\$31.18	\$64,840	5.4%
11-3012	Administrative Services Managers	detail	1,150	6.8%	17.796	11.14	\$27.05	\$29.09	\$60,500	1.2%
11-3013	Facilities Managers	detail	90	11.0%	1.393	1.61	\$28.85	\$34.23	\$71,190	2.4%
11-3031	Financial Managers	detail	390	6.8%	6.045	1.17	\$36.56	\$39.91	\$83,010	2.7%
11-3061	Purchasing Managers	detail	50	6.2%	0.742	1.45	\$30.29	\$32.85	\$68,320	2.8%
11-3071	Transportation, Storage, and Distribution Managers	detail	(8)	(8)	(8)	(8)	\$37.87	\$38.39	\$79,850	1.8%
11-3121	Human Resources Managers	detail	70	4.6%	1.025	0.78	\$36.55	\$36.62	\$76,170	1.3%
11-9021	Construction Managers	detail	370	11.2%	5.686	2.62	\$31.42	\$36.16	\$75,210	5.7%
11-9031	Education and Childcare Administrators, Preschool and Daycare	detail	50	47.7%	0.799	1.89	\$14.06	\$17.83	\$37,080	8.4%
11-9032	Education Administrators, Kindergarten through Secondary	detail	120	5.2%	1.820	0.91	(4)	(4)	\$77,740	2.1%
11-9039	Education Administrators, All Other	detail	200	0.8%	3.089	9.25	\$55.43	\$55.30	\$115,030	0.5%
11-9041	Architectural and Engineering Managers	detail	50	8.2%	0.785	0.57	\$42.72	\$48.61	\$101,100	2.7%
11-9051	Food Service Managers	detail	110	8.8%	1.713	1.06	\$19.75	\$22.96	\$47,770	2.9%
11-9081	Lodging Managers	detail	100	8.4%	1.515	5.48	\$20.53	\$23.09	\$48,020	3.5%
11-9111	Medical and Health Services Managers	detail	120	9.6%	1.883	0.56	\$44.59	\$50.93	\$105,930	6.1%

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
11-9141	Property, Real Estate, and Community Association Managers	detail	(8)	(8)	(8)	(8)	\$35.38	\$38.15	\$79,340	12.9%
11-9151	Social and Community Service Managers	detail	30	9.7%	0.507	0.44	\$23.49	\$27.14	\$56,460	3.3%
11-9199	Managers, All Other	detail	150	4.3%	2.257	0.58	\$46.86	\$46.08	\$95,850	1.5%
13-0000	Business and Financial Operations Occupations	major	2,930	2.1%	45.260	0.68	\$25.99	\$29.16	\$60,650	0.6%
13-1020	Buyers and Purchasing Agents	broad	210	5.9%	3.299	1.05	\$27.46	\$31.20	\$64,900	1.0%
13-1031	Claims Adjusters, Examiners, and Investigators	detail	80	7.8%	1.167	0.60	\$22.74	\$24.50	\$50,960	1.9%
13-1041	Compliance Officers	detail	270	2.9%	4.154	1.64	\$29.18	\$32.15	\$66,870	0.7%
13-1051	Cost Estimators	detail	60	12.8%	0.853	0.59	\$26.84	\$26.97	\$56,090	5.0%
13-1071	Human Resources Specialists	detail	350	2.6%	5.406	0.92	\$24.43	\$26.02	\$54,130	0.8%
13-1081	Logisticians	detail	100	2.8%	1.535	1.02	\$29.29	\$30.73	\$63,920	1.9%
13-1082	Project Management Specialists	detail	170	5.6%	2.566	0.41	\$27.05	\$30.91	\$64,280	1.9%
13-1111	Management Analysts	detail	(8)	(8)	(8)	(8)	\$31.92	\$35.00	\$72,800	2.4%
13-1151	Training and Development Specialists	detail	40	13.6%	0.629	0.24	\$16.44	\$19.66	\$40,890	4.1%
13-1161	Market Research Analysts and Marketing Specialists	detail	80	14.0%	1.285	0.23	\$21.11	\$22.38	\$46,550	2.4%
13-1199	Business Operations Specialists, All Other	detail	420	2.2%	6.419	0.88	\$39.82	\$39.72	\$82,620	2.3%
13-2011	Accountants and Auditors	detail	480	4.6%	7.436	0.79	\$21.32	\$23.54	\$48,960	2.2%
13-2053	Insurance Underwriters	detail	60	13.2%	0.968	1.45	\$22.97	\$22.12	\$46,020	7.0%
13-2072	Loan Officers	detail	60	11.7%	0.925	0.44	\$23.70	\$29.90	\$62,200	8.0%
13-2082	Tax Preparers	detail	30	25.3%	0.498	0.93	\$13.41	\$14.19	\$29,520	9.1%
13-2099	Financial Specialists, All Other	detail	50	4.7%	0.809	1.00	\$34.33	\$36.12	\$75,140	1.1%

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
15-0000	Computer and Mathematical Occupations	major	790	2.6%	12.274	0.36	\$22.50	\$26.00	\$54,080	2.4%
15-1232	Computer User Support Specialists	detail	200	5.7%	3.066	0.68	\$16.07	\$18.75	\$39,000	6.0%
15-1244	Network and Computer Systems Administrators	detail	70	9.7%	1.053	0.49	\$26.86	\$28.65	\$59,600	1.9%
17-0000	Architecture and Engineering Occupations	major	1,120	4.1%	17.322	1.04	\$29.95	\$33.21	\$69,080	1.1%
17-1011	Architects, Except Landscape and Naval	detail	70	14.1%	1.016	1.39	\$47.35	\$41.89	\$87,130	3.5%
17-2051	Civil Engineers	detail	320	8.7%	5.009	2.32	\$29.95	\$32.58	\$67,760	1.7%
17-2071	Electrical Engineers	detail	180	22.3%	2.721	2.23	\$28.47	\$32.30	\$67,180	4.8%
17-2141	Mechanical Engineers	detail	60	11.3%	0.960	0.52	\$32.95	\$34.91	\$72,610	3.3%
17-3011	Architectural and Civil Drafters	detail	40	26.1%	0.690	0.94	\$22.96	\$21.71	\$45,150	4.9%
17-3023	Electrical and Electronic Engineering Technologists and Technicians	detail	60	3.8%	0.894	1.39	\$32.95	\$34.44	\$71,640	1.6%
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	detail	80	1.6%	1.206	2.77	\$37.10	\$38.28	\$79,620	1.1%
17-3031	Surveying and Mapping Technicians	detail	40	10.4%	0.606	1.64	\$18.02	\$18.49	\$38,460	2.9%
19-0000	Life, Physical, and Social Science Occupations	major	680	3.7%	10.479	1.15	\$25.11	\$28.75	\$59,790	1.2%
19-2041	Environmental Scientists and Specialists, Including Health	detail	100	24.2%	1.524	2.87	\$29.18	\$32.72	\$68,050	2.8%
19-4021	Biological Technicians	detail	80	1.5%	1.268	2.50	\$20.51	\$20.72	\$43,090	0.4%
19-5011	Occupational Health and Safety Specialists	detail	80	7.4%	1.231	1.53	\$28.47	\$31.66	\$65,860	7.0%

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21-0000	Community and Social Service Occupations	major	850	4.5%	13.160	0.83	\$21.64	\$23.35	\$48,570	1.5%
21-1012	Educational, Guidance, and Career Counselors and Advisors	detail	160	4.6%	2.454	1.14	\$30.58	\$28.66	\$59,610	2.3%
21-1021	Child, Family, and School Social Workers	detail	110	3.4%	1.707	0.74	\$17.13	\$19.08	\$39,680	1.2%
21-1022	Healthcare Social Workers	detail	100	2.0%	1.500	1.23	\$23.05	\$23.65	\$49,190	1.3%
21-1091	Health Education Specialists	detail	40	3.6%	0.632	1.66	\$22.38	\$23.83	\$49,570	0.8%
21-1093	Social and Human Service Assistants	detail	190	6.2%	2.882	1.07	\$16.09	\$17.37	\$36,130	0.9%
21-2011	Clergy	detail	50	10.9%	0.733	1.96	\$18.98	\$21.92	\$45,600	6.4%
23-0000	Legal Occupations	major	330	6.3%	5.176	0.63	\$38.62	\$43.36	\$90,180	7.0%
23-1011	Lawyers	detail	200	2.8%	3.146	0.65	\$53.70	\$55.08	\$114,570	4.6%
23-2011	Paralegals and Legal Assistants	detail	60	35.6%	0.906	0.39	\$18.33	\$20.85	\$43,360	3.4%
25-0000	Educational Instruction and Library Occupations	major	3,580	2.0%	55.360	0.96	\$24.40	\$25.20	\$52,420	1.2%
25-1194	Career/Technical Education Teachers, Postsecondary	detail	50	30.4%	0.793	1.08	\$24.20	\$28.28	\$58,830	9.2%
25-2011	Preschool Teachers, Except Special Education	detail	150	11.9%	2.375	0.84	\$9.79	\$14.36	\$29,870	6.8%
25-2012	Kindergarten Teachers, Except Special Education	detail	90	5.4%	1.466	1.88	(4)	(4)	\$55,730	2.1%
25-2021	Elementary School Teachers, Except Special Education	detail	790	4.3%	12.286	1.32	(4)	(4)	\$50,810	2.4%
25-2022	Middle School Teachers, Except Special and Career/Technical Education	detail	500	4.6%	7.806	1.89	(4)	(4)	\$50,070	1.8%

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25-2031	Secondary School Teachers, Except Special and Career/Technical Education	detail	590	7.4%	9.199	1.34	(4)	(4)	\$52,640	3.3%
25-3021	Self-Enrichment Teachers	detail	60	14.5%	0.880	0.49	\$16.52	\$19.73	\$41,030	7.9%
25-3031	Substitute Teachers, Short-Term	detail	170	8.5%	2.580	0.88	\$12.48	\$14.21	\$29,550	1.1%
25-3099	Teachers and Instructors, All Other	detail	120	4.1%	1.818	2.33	(4)	(4)	\$48,670	1.8%
25-9031	Instructional Coordinators	detail	140	3.9%	2.217	1.62	\$31.17	\$29.87	\$62,130	2.2%
25-9045	Teaching Assistants, Except Postsecondary	detail	110	26.0%	1.735	0.20	(4)	(4)	\$25,780	2.3%
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	major	460	6.2%	7.126	0.51	\$15.77	\$19.72	\$41,010	1.6%
27-1024	Graphic Designers	detail	70	9.0%	1.082	0.77	\$15.77	\$16.15	\$33,580	2.3%
27-3031	Public Relations Specialists	detail	50	12.3%	0.782	0.43	\$21.30	\$23.64	\$49,170	3.0%
27-4099	Media and Communication Equipment Workers, All Other	detail	40	2.0%	0.632	8.40	\$34.33	\$36.95	\$76,850	1.0%
29-0000	Healthcare Practitioners and Technical Occupations	major	2,100	2.0%	32.450	0.53	\$26.11	\$38.74	\$80,590	2.7%
29-1021	Dentists, General	detail	30	16.0%	0.526	0.66	\$75.00	\$77.97	\$162,170	9.3%
29-1051	Pharmacists	detail	80	5.0%	1.229	0.56	\$55.74	\$54.33	\$113,010	1.0%
29-1141	Registered Nurses	detail	740	3.0%	11.410	0.55	(8)	(8)	(8)	(8)
29-1171	Nurse Practitioners	detail	90	10.8%	1.325	0.72	\$39.49	\$42.58	\$88,570	3.9%
29-1215	Family Medicine Physicians	detail	40	28.0%	0.674	0.91	\$107.18	\$109.99	\$228,770	14.2%
29-1216	General Internal Medicine Physicians	detail	40	39.2%	0.560	1.26	(5)	(5)	(5)	5.3%
29-1292	Dental Hygienists	detail	50	32.4%	0.751	0.54	\$29.76	\$32.18	\$66,940	5.5%
29-2034	Radiologic Technologists and Technicians	detail	50	40.0%	0.850	0.58	(8)	(8)	(8)	(8)

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29-2052	Pharmacy Technicians	detail	130	4.8%	2.022	0.67	\$14.49	\$14.70	\$30,580	1.4%
29-2061	Licensed Practical and Licensed Vocational Nurses	detail	90	8.6%	1.382	0.33	\$18.93	\$20.06	\$41,720	1.2%
29-2072	Medical Records Specialists	detail	90	8.2%	1.455	1.19	\$15.68	\$16.46	\$34,240	1.8%
31-0000	Healthcare Support Occupations	major	1,080	3.2%	16.686	0.36	\$14.54	\$15.18	\$31,580	1.9%
31-1120	Home Health and Personal Care Aides	broad	140	6.2%	2.137	0.09	\$10.79	\$11.25	\$23,390	1.3%
31-1131	Nursing Assistants	detail	250	4.1%	3.795	0.43	\$15.26	\$15.92	\$33,100	0.9%
31-9011	Massage Therapists	detail	80	19.8%	1.294	2.12	\$11.80	\$14.43	\$30,010	7.9%
31-9091	Dental Assistants	detail	130	7.2%	2.064	0.85	\$16.88	\$16.96	\$35,270	3.6%
31-9092	Medical Assistants	detail	230	10.7%	3.590	0.71	\$14.50	\$14.69	\$30,560	1.9%
31-9093	Medical Equipment Preparers	detail	50	31.8%	0.710	1.61	\$17.91	\$20.41	\$42,440	9.1%
33-0000	Protective Service Occupations	major	3,840	1.4%	59.310	2.57	\$17.85	\$20.39	\$42,410	0.8%
33-1091	First-Line Supervisors of Security Workers	detail	60	9.0%	0.988	2.31	\$14.65	\$18.22	\$37,900	3.6%
33-9032	Security Guards	detail	950	5.4%	14.731	1.86	\$10.02	\$11.91	\$24,770	1.3%
33-9093	Transportation Security Screeners	detail	260	0.1%	4.035	12.78	\$23.07	\$24.50	\$50,960	0.0%
35-0000	Food Preparation and Serving Related Occupations	major	7,040	2.4%	108.842	1.25	\$10.20	\$11.03	\$22,940	0.7%
35-1011	Chefs and Head Cooks	detail	200	11.7%	3.052	2.69	\$18.16	\$21.16	\$44,020	2.7%
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	detail	700	9.1%	10.865	1.40	\$12.68	\$12.88	\$26,790	2.0%
35-2011	Cooks, Fast Food	detail	370	40.8%	5.753	1.30	\$10.17	\$10.20	\$21,210	1.0%
35-2012	Cooks, Institution and Cafeteria	detail	100	10.2%	1.603	0.56	\$15.29	\$14.09	\$29,310	2.2%
35-2014	Cooks, Restaurant	detail	1,160	6.9%	17.908	1.93	\$10.79	\$11.42	\$23,760	1.3%
35-2015	Cooks, Short Order	detail	110	22.4%	1.656	1.99	\$10.28	\$10.76	\$22,370	1.4%
35-2021	Food Preparation Workers	detail	370	15.3%	5.765	1.00	\$10.18	\$10.33	\$21,490	2.5%
35-3011	Bartenders	detail	210	6.8%	3.278	0.70	\$9.86	\$10.79	\$22,450	1.6%
35-3023	Fast Food and Counter Workers	detail	710	24.7%	11.011	0.45	\$10.25	\$10.33	\$21,490	1.3%

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35-3031	Waiters and Waitresses	detail	1,620	6.7%	25.089	1.70	\$9.89	\$9.97	\$20,730	0.7%
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	detail	330	14.4%	5.124	1.61	\$9.68	\$10.26	\$21,350	1.7%
35-9021	Dishwashers	detail	360	18.4%	5.612	1.84	\$10.00	\$10.03	\$20,870	0.8%
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	detail	150	21.4%	2.396	0.86	\$9.55	\$9.78	\$20,340	1.7%
35-9099	Food Preparation and Serving Related Workers, All Other	detail	560	17.8%	8.653	15.22	\$10.09	\$10.29	\$21,390	0.7%
37-0000	Building and Grounds Cleaning and Maintenance Occupations	major	2,530	4.9%	39.070	1.34	\$10.46	\$11.48	\$23,890	0.7%
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	detail	140	4.9%	2.180	1.93	\$12.20	\$14.04	\$29,210	2.1%
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	detail	70	14.5%	1.019	1.23	\$15.48	\$17.10	\$35,580	1.6%
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	detail	850	7.4%	13.101	0.92	\$10.38	\$11.48	\$23,880	1.4%
37-2012	Maids and Housekeeping Cleaners	detail	810	4.2%	12.504	2.27	\$10.24	\$10.27	\$21,360	0.8%
37-2021	Pest Control Workers	detail	40	3.1%	0.629	1.02	\$14.78	\$15.87	\$33,020	3.1%
37-3011	Landscaping and Groundskeeping Workers	detail	620	21.9%	9.536	1.56	\$11.55	\$11.58	\$24,080	1.1%
39-0000	Personal Care and Service Occupations	major	1,140	4.1%	17.648	0.88	\$10.48	\$11.89	\$24,720	1.2%

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39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	detail	40	4.8%	0.693	1.19	\$14.10	\$14.70	\$30,580	1.6%
39-1022	First-Line Supervisors of Personal Service Workers	detail	40	10.7%	0.642	0.92	\$13.38	\$14.52	\$30,200	3.0%
39-2021	Animal Caretakers	detail	40	22.6%	0.673	0.38	\$11.82	\$12.85	\$26,720	4.7%
39-3031	Ushers, Lobby Attendants, and Ticket Takers	detail	60	12.6%	0.983	1.27	\$9.34	\$9.80	\$20,380	1.4%
39-3091	Amusement and Recreation Attendants	detail	220	5.1%	3.424	1.44	\$9.93	\$10.14	\$21,090	0.6%
39-5012	Hairdressers, Hairstylists, and Cosmetologists	detail	120	20.3%	1.837	0.95	\$14.38	\$16.23	\$33,760	8.4%
39-7010	Tour and Travel Guides	broad	60	13.2%	0.884	2.87	\$12.83	\$14.11	\$29,360	3.6%
39-9011	Childcare Workers	detail	200	11.6%	3.027	0.92	\$10.22	\$10.64	\$22,130	1.2%
39-9031	Exercise Trainers and Group Fitness Instructors	detail	30	22.7%	0.533	0.29	\$11.07	\$12.28	\$25,530	7.9%
39-9032	Recreation Workers	detail	60	6.0%	0.940	0.51	\$10.63	\$12.15	\$25,280	0.6%
39-9099	Personal Care and Service Workers, All Other	detail	(8)	(8)	(8)	(8)	\$9.63	\$9.57	\$19,900	2.3%
41-0000	Sales and Related Occupations	major	4,790	5.1%	74.008	0.84	\$10.72	\$12.86	\$26,760	2.7%
41-1011	First-Line Supervisors of Retail Sales Workers	detail	400	14.2%	6.136	0.86	\$14.91	\$16.80	\$34,950	2.1%
41-1012	First-Line Supervisors of Non-Retail Sales Workers	detail	50	14.1%	0.771	0.52	\$22.24	\$23.65	\$49,180	4.5%
41-2011	Cashiers	detail	2,240	4.3%	34.696	1.60	\$10.26	\$11.05	\$22,980	0.8%
41-2021	Counter and Rental Clerks	detail	210	8.0%	3.199	1.24	\$10.25	\$11.33	\$23,560	1.9%
41-2022	Parts Salespersons	detail	90	8.2%	1.450	0.84	\$11.66	\$13.84	\$28,790	5.2%
41-2031	Retail Salespersons	detail	1,180	13.7%	18.302	0.75	\$10.51	\$11.79	\$24,510	3.7%
41-3011	Advertising Sales Agents	detail	30	7.4%	0.485	0.68	\$14.07	\$17.28	\$35,940	6.2%

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
41-3021	Insurance Sales Agents	detail	40	18.6%	0.662	0.22	\$18.29	\$21.86	\$45,460	3.7%
41-3041	Travel Agents	detail	40	7.8%	0.674	1.76	\$13.65	\$14.66	\$30,490	4.8%
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	detail	150	22.7%	2.321	0.31	\$18.21	\$19.22	\$39,970	7.4%
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	detail	260	10.5%	4.061	0.48	\$14.42	\$16.43	\$34,180	5.9%
41-9011	Demonstrators and Product Promoters	detail	40	2.4%	0.569	1.70	\$16.61	\$16.45	\$34,210	0.6%
43-0000	Office and Administrative Support Occupations	major	9,110	2.8%	140.894	1.15	\$14.31	\$16.29	\$33,870	0.8%
43-1011	First-Line Supervisors of Office and Administrative Support Workers	detail	1,240	7.0%	19.160	1.93	\$18.92	\$20.76	\$43,180	0.9%
43-3011	Bill and Account Collectors	detail	110	14.5%	1.690	1.34	\$13.82	\$15.41	\$32,040	4.0%
43-3021	Billing and Posting Clerks	detail	120	13.5%	1.803	0.64	\$13.81	\$14.70	\$30,570	5.2%
43-3031	Bookkeeping, Accounting, and Auditing Clerks	detail	870	4.8%	13.444	1.36	\$13.99	\$15.04	\$31,290	1.2%
43-3051	Payroll and Timekeeping Clerks	detail	70	8.5%	1.127	1.09	\$18.07	\$17.74	\$36,900	1.8%
43-3061	Procurement Clerks	detail	120	8.4%	1.931	4.76	\$15.47	\$17.01	\$35,380	3.7%
43-3071	Tellers	detail	230	11.8%	3.502	1.56	\$12.60	\$14.03	\$29,180	4.9%
43-4051	Customer Service Representatives	detail	830	8.1%	12.769	0.68	\$12.78	\$13.81	\$28,730	2.2%
43-4061	Eligibility Interviewers, Government Programs	detail	40	4.7%	0.682	0.69	\$15.37	\$16.81	\$34,960	0.5%
43-4071	File Clerks	detail	40	5.5%	0.668	1.23	\$14.86	\$14.95	\$31,090	2.0%

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
43-4081	Hotel, Motel, and Resort Desk Clerks	detail	160	6.4%	2.450	1.41	\$10.01	\$10.27	\$21,360	0.7%
43-4131	Loan Interviewers and Clerks	detail	70	18.0%	1.078	0.80	\$13.66	\$15.28	\$31,790	5.7%
43-4141	New Accounts Clerks	detail	40	34.2%	0.574	2.11	\$19.78	\$21.43	\$44,580	4.9%
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	detail	80	9.1%	1.163	1.74	\$15.62	\$16.53	\$34,390	1.7%
43-4171	Receptionists and Information Clerks	detail	250	13.4%	3.836	0.58	\$10.46	\$11.06	\$22,990	2.4%
43-4199	Information and Record Clerks, All Other	detail	140	3.6%	2.198	2.20	\$19.97	\$20.40	\$42,430	1.0%
43-5021	Couriers and Messengers	detail	110	16.0%	1.625	3.43	\$10.71	\$11.41	\$23,730	2.6%
43-5051	Postal Service Clerks	detail	30	0.0%	0.479	0.93	\$30.53	\$31.17	\$64,830	0.0%
43-5052	Postal Service Mail Carriers	detail	40	0.0%	0.649	0.30	\$23.86	\$27.00	\$56,160	0.0%
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	detail	40	0.0%	0.572	0.75	\$26.18	\$27.82	\$57,860	0.0%
43-5061	Production, Planning, and Expediting Clerks	detail	130	3.9%	1.956	0.75	(8)	(8)	(8)	(8)
43-5071	Shipping, Receiving, and Inventory Clerks	detail	660	12.5%	10.162	1.83	\$11.59	\$14.11	\$29,350	4.7%
43-6011	Executive Secretaries and Executive Administrative Assistants	detail	80	6.8%	1.238	0.39	\$21.97	\$24.18	\$50,290	4.2%
43-6012	Legal Secretaries and Administrative Assistants	detail	50	10.6%	0.788	0.78	\$19.80	\$20.34	\$42,300	6.5%
43-6013	Medical Secretaries and Administrative Assistants	detail	290	9.7%	4.530	0.92	\$14.01	\$15.26	\$31,740	2.0%
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	detail	1,330	5.4%	20.503	1.74	\$15.19	\$16.51	\$34,330	1.5%

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
43-9021	Data Entry Keyers	detail	90	7.2%	1.455	1.43	\$11.14	\$12.18	\$25,320	1.0%
43-9041	Insurance Claims and Policy Processing Clerks	detail	80	9.5%	1.277	0.80	\$13.83	\$14.22	\$29,570	1.4%
43-9061	Office Clerks, General	detail	770	4.5%	11.943	0.73	\$11.15	\$12.41	\$25,820	2.7%
43-9199	Office and Administrative Support Workers, All Other	detail	70	4.0%	1.036	0.91	(8)	(8)	(8)	(8)
45-0000	Farming, Fishing, and Forestry Occupations	major	40	11.4%	0.626	0.22	\$14.06	\$17.84	\$37,100	6.4%
47-0000	Construction and Extraction Occupations	major	7,110	3.9%	109.959	2.68	\$17.20	\$18.30	\$38,060	1.0%
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	detail	410	7.8%	6.337	1.24	\$24.07	\$26.08	\$54,240	2.4%
47-2031	Carpenters	detail	1,630	9.8%	25.158	5.46	\$17.16	\$18.34	\$38,150	1.6%
47-2051	Cement Masons and Concrete Finishers	detail	700	8.6%	10.845	8.09	\$16.37	\$17.51	\$36,420	2.0%
47-2061	Construction Laborers	detail	1,050	9.2%	16.179	2.41	\$13.52	\$13.68	\$28,460	2.4%
47-2073	Operating Engineers and Other Construction Equipment Operators	detail	530	7.6%	8.254	2.78	\$18.33	\$18.97	\$39,460	1.3%
47-2111	Electricians	detail	720	5.6%	11.108	2.37	\$20.04	\$21.02	\$43,720	0.7%
47-2141	Painters, Construction and Maintenance	detail	420	31.6%	6.520	4.59	\$21.13	\$19.82	\$41,230	5.5%
47-2152	Plumbers, Pipefitters, and Steamfitters	detail	300	13.9%	4.586	1.60	\$18.25	\$19.48	\$40,520	2.4%
47-2171	Reinforcing Iron and Rebar Workers	detail	430	11.8%	6.648	58.03	\$16.89	\$16.98	\$35,320	0.4%
47-2181	Roofers	detail	40	43.7%	0.677	0.76	\$15.41	\$16.31	\$33,920	3.6%
47-2211	Sheet Metal Workers	detail	120	24.4%	1.789	2.34	\$20.80	\$20.44	\$42,520	0.7%
47-2221	Structural Iron and Steel Workers	detail	110	26.4%	1.739	4.14	\$17.02	\$17.34	\$36,070	3.4%

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
47-3013	Helpers--Electricians	detail	60	31.8%	0.869	1.92	\$15.00	\$15.14	\$31,480	3.1%
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	detail	(8)	(8)	(8)	(8)	\$17.14	\$16.95	\$35,260	10.6%
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	detail	70	37.6%	1.153	3.87	\$15.48	\$14.09	\$29,300	9.4%
47-3019	Helpers, Construction Trades, All Other	detail	30	27.8%	0.495	2.76	\$15.76	\$16.12	\$33,520	4.0%
47-4011	Construction and Building Inspectors	detail	40	12.0%	0.592	0.67	\$27.30	\$25.24	\$52,500	4.7%
47-4041	Hazardous Materials Removal Workers	detail	30	16.8%	0.519	1.58	\$25.93	\$26.86	\$55,880	14.5%
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	detail	(8)	(8)	(8)	(8)	\$20.55	\$22.02	\$45,800	2.1%
49-0000	Installation, Maintenance, and Repair Occupations	major	3,380	2.9%	52.262	1.33	\$17.18	\$19.29	\$40,130	1.3%
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	detail	330	4.5%	5.037	1.30	\$23.16	\$24.17	\$50,270	1.9%
49-2011	Computer, Automated Teller, and Office Machine Repairers	detail	40	21.1%	0.639	1.25	\$11.66	\$14.39	\$29,940	14.8%
49-2098	Security and Fire Alarm Systems Installers	detail	90	19.8%	1.455	2.64	\$15.24	\$16.66	\$34,660	6.8%
49-3023	Automotive Service Technicians and Mechanics	detail	210	13.2%	3.171	0.71	\$17.40	\$17.39	\$36,170	4.8%
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	detail	180	5.9%	2.744	2.35	\$20.41	\$21.77	\$45,280	1.2%
49-3093	Tire Repairers and Changers	detail	40	10.6%	0.682	1.02	\$10.52	\$11.48	\$23,880	9.0%

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
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	detail	280	18.1%	4.357	1.66	\$20.22	\$21.91	\$45,570	4.0%
49-9041	Industrial Machinery Mechanics	detail	140	10.8%	2.198	0.81	\$25.08	\$24.60	\$51,160	1.7%
49-9043	Maintenance Workers, Machinery	detail	50	35.3%	0.751	1.97	\$18.49	\$20.05	\$41,710	5.5%
49-9051	Electrical Power-Line Installers and Repairers	detail	60	6.4%	0.881	1.11	\$24.19	\$25.70	\$53,460	1.8%
49-9052	Telecommunications Line Installers and Repairers	detail	60	8.4%	0.949	1.46	\$25.58	\$25.97	\$54,010	5.7%
49-9062	Medical Equipment Repairers	detail	40	16.7%	0.541	1.28	\$15.17	\$18.22	\$37,910	3.7%
49-9071	Maintenance and Repair Workers, General	detail	890	7.2%	13.821	1.40	\$13.77	\$14.78	\$30,730	0.8%
49-9098	Helpers-- Installation, Maintenance, and Repair Workers	detail	310	17.5%	4.752	7.08	\$11.21	\$12.67	\$26,360	3.0%
49-9099	Installation, Maintenance, and Repair Workers, All Other	detail	70	19.0%	1.139	0.98	\$15.35	\$19.05	\$39,630	6.4%
51-0000	Production Occupations	major	1,620	4.8%	25.004	0.43	\$13.77	\$16.91	\$35,160	1.1%
51-1011	First-Line Supervisors of Production and Operating Workers	detail	120	8.9%	1.854	0.42	\$27.50	\$28.36	\$58,990	2.9%
51-3021	Butchers and Meat Cutters	detail	70	28.3%	1.064	1.18	\$13.11	\$15.85	\$32,960	7.6%
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	detail	80	27.8%	1.232	1.35	\$11.55	\$12.17	\$25,310	2.1%
51-4121	Welders, Cutters, Solderers, and Brazers	detail	220	10.4%	3.380	1.22	\$19.87	\$20.30	\$42,230	1.0%
51-6011	Laundry and Dry-Cleaning Workers	detail	90	12.5%	1.430	1.17	\$10.24	\$10.73	\$22,310	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
51-8031	Water and Wastewater Treatment Plant and System Operators	detail	50	4.0%	0.710	0.89	\$20.88	\$21.38	\$44,470	1.1%
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	detail	50	9.8%	0.703	0.18	\$21.50	\$20.62	\$42,880	3.8%
51-9198	Helpers--Production Workers	detail	300	5.7%	4.621	3.86	\$10.73	\$11.11	\$23,120	0.8%
53-0000	Transportation and Material Moving Occupations	major	4,580	3.1%	70.878	0.78	\$11.50	\$17.84	\$37,110	2.2%
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	detail	220	10.1%	3.364	0.86	\$17.13	\$21.13	\$43,950	5.5%
53-3031	Driver/Sales Workers	detail	300	28.3%	4.621	1.52	\$9.96	\$11.00	\$22,880	4.7%
53-3032	Heavy and Tractor-Trailer Truck Drivers	detail	470	17.2%	7.242	0.54	\$17.57	\$18.15	\$37,740	3.6%
53-3033	Light Truck Drivers	detail	450	6.5%	7.002	1.06	\$10.96	\$12.03	\$25,020	2.3%
53-3051	Bus Drivers, School	detail	110	3.8%	1.773	0.72	\$16.44	\$16.24	\$33,770	0.7%
53-3052	Bus Drivers, Transit and Intercity	detail	100	8.4%	1.524	1.25	\$12.75	\$12.69	\$26,390	6.5%
53-3053	Shuttle Drivers and Chauffeurs	detail	110	19.5%	1.716	1.27	\$10.88	\$11.73	\$24,400	3.8%
53-5011	Sailors and Marine Oilers	detail	30	35.8%	0.526	2.66	\$18.86	\$17.43	\$36,260	8.8%
53-6051	Transportation Inspectors	detail	60	5.5%	0.923	5.07	(8)	(8)	(8)	(8)
53-7051	Industrial Truck and Tractor Operators	detail	60	11.9%	0.908	0.18	\$14.94	\$17.21	\$35,790	3.6%
53-7061	Cleaners of Vehicles and Equipment	detail	150	11.8%	2.302	0.96	\$10.12	\$10.37	\$21,560	4.4%
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	detail	340	15.0%	5.239	0.26	\$13.84	\$18.66	\$38,800	4.5%
53-7064	Packers and Packers, Hand	detail	200	13.9%	3.159	0.74	\$9.98	\$10.24	\$21,310	1.4%

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
53-7065	Stockers and Order Fillers	detail	1,230	7.3%	19.024	1.01	\$10.36	\$11.71	\$24,350	2.0%
53-7081	Refuse and Recyclable Material Collectors	detail	(8)	(8)	(8)	(8)	\$14.63	\$14.79	\$30,750	6.9%

(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 \$115.00 per hour or \$239,200 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.

[May 2023 National Occupational Employment and Wage Estimates](#)

[May 2023 State Occupational Employment and Wage Estimates](#)

[May 2023 Metropolitan and Nonmetropolitan Area Occupational Employment and Wage Estimates](#)

[May 2023 National Industry-Specific Occupational Employment and Wage Estimates](#)

[May 2023 Occupation Profiles](#)

[Technical notes](#)

Last Modified Date: April 3, 2024

About May 2023 National, State, Metropolitan, and Nonmetropolitan Area Occupational Employment and Wage Estimates

The [National](#), [State](#), [Metropolitan, and Nonmetropolitan Area](#) Occupational Employment and Wage Estimates are calculated from data collected in a national survey of employers. Data on occupational employment and wages are collected from employers of every size, in every state, in metropolitan and nonmetropolitan areas, in all industry sectors. These estimates are cross-industry estimates; each occupation's employment and wage estimates are calculated from data collected from employers in all industry sectors. Self-employed persons are not included in the survey or estimates. The May 2023 OEWS estimates are based on the 2018 Standard Occupational Classification (SOC) system and the Office of Management and Budget's [revised metropolitan area definitions](#), based on the results of the 2010 decennial census.

The National, State, Metropolitan, and Nonmetropolitan Area Occupational Employment and Wage Estimates consist of the following:

- **SOC Code Number:** the Standard Occupational Classification (SOC) system's unique, six-digit (plus hyphen) numerical identifier for each occupation. *When the SOC code is a link, clicking on it leads to a page that contains the occupational definition and national cross-industry estimates.*
- **Occupation Title:** a descriptive title that corresponds to the SOC code.
- **Group:** the level of occupational detail (major group, minor group, broad level, detailed).
- **Employment:** the estimated total occupational employment (not including self-employed).
- **Employment RSE:** the Relative Standard Error of the employment estimate, a measure of the reliability or precision of the employment estimate. The relative standard error is defined as the ratio of the standard error to the survey estimate. For example, a relative standard error of 10 percent implies that the standard error is one-tenth as large as the survey estimate.
- **Employment per 1000 jobs:** the number of jobs (employment) in the given occupation per 1,000 jobs in the given area.
- **Location Quotient:** (State, metropolitan, and nonmetropolitan statistical area estimates only) 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.
- **Median Hourly Wage:** the estimated 50th percentile of the distribution of wages based on data collected from employers in all industries; 50 percent of workers in an occupation earn less than the median wage, and 50 percent earn more than the median wage.
- **Mean Hourly Wage:** the estimated total hourly wages of an occupation divided by its estimated employment, i.e., the average hourly wage.

- **Mean Annual Wage:** the estimated total annual wages of an occupation divided by its estimated employment, i.e., the average annual wage.
- **Mean RSE:** the relative standard error of the mean wage estimates, a measure of the reliability or precision of the mean wage estimates. The relative standard error is defined as the ratio of the standard error to the survey estimate. For example, a relative standard error of 10 percent implies that the standard error is one-tenth as large as the survey estimate.
- **Percentile Wage Estimates:** (National estimates only) A percentile wage estimate shows what percentage of workers in an occupation earn less than a given wage and what percentage earn more. For example, a 25th percentile wage of \$15.00 indicates that 25 percent of workers (in a given occupation in a given area) earn less than \$15.00; therefore 75 percent of workers earn more than \$15.00. More about [percentile wages](#).

Occupational Employment and Wage Statistics

Technical Notes for May 2023 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 the Bureau of Labor Statistics (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 for North American Industry Classification System (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 181,000 to 189,000 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 2023 estimates are based on responses from six semiannual panels collected over a 3-year period: May 2023, November 2022, May 2022, November 2021, May 2021, and November 2020. The unweighted sampled employment of 81.4 million across all six semiannual panels represents approximately 55 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 65.8 percent based on establishments and 64.3 percent based on weighted sampled employment.

The occupational coding system

The May 2023 OEWS estimates contain approximately 830 occupational categories based on the Office of Management and Budget's 2018 Standard Occupational Classification (SOC) system. These occupational categories 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/.

The industry coding system

The May 2023 OEWS estimates use the 2022 NAICS. For more information about NAICS, see the BLS website at 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) are also 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.

Area definitions

The May 2023 OEWS estimates use the metropolitan area definitions delineated in Office of Management and Budget (OMB) Bulletin 17-01. Nonmetropolitan area definitions are specific to the OEWS program and are set in consultation with the state workforce agencies. For more information, please see www.bls.gov/oes/current/msa_def.htm.

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, and most state government, local government, and private sector establishments. For the remaining establishments without wage rate data, the OEWS survey data were placed into 12 wage 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 181,000 to 189,000 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 2023 estimates were produced by a model-based estimation method using 3 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 2023 and November 2022 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.

For more information

Answers to frequently asked questions about the OEWS data are available at www.bls.gov/oes/oes_ques.htm.

[May 2023 National Occupational Employment and Wage Estimates](#)

[May 2023 State Occupational Employment and Wage Estimates](#)

[May 2023 Metropolitan and Nonmetropolitan Area Occupational Employment and Wage Estimates](#)

[May 2023 National Industry-Specific Occupational Employment and Wage Estimates](#)

[May 2023 Occupation Profiles](#)

Last Modified Date: April 3, 2024

May 2023 OEWS Estimates

Occupational Employment and Wage Statistics (OEWS) Survey

Bureau of Labor Statistics, Department of Labor

website: www.bls.gov/oes

email: oeswinfo@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.

Occupational Employment and Wage Statistics (OEWS) Survey

Bureau of Labor Statistics, Department of Labor

website: www.bls.gov/oes

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Not all fields are available for every type of estimate

Field	Field Description
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 \$115.00 per hour or \$239,200 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	64,680	0.0	1000.000	1.00	20.29	42,210	0.4	10.01	10.92	16.02	23.89	36.05	20,830	22,720	33,320	49,690	74,990
11-0000	Management Occupations	major	5,580	4.8	86.211	1.25	36.75	76,430	1.5	17.91	22.99	31.53	44.76	61.41	37,260	47,810	65,570	93,090	127,730
11-1011	Chief Executives	detailed	340	9.4	5.326	3.83	59.17	123,080	3.1	23.22	31.77	50.08	69.20	109.61	48,290	66,080	104,160	143,930	227,990
11-1021	General and Operations Managers	detailed	1,360	7.4	21.071	0.91	35.52	73,870	2.4	18.14	21.81	30.07	42.36	61.55	37,730	45,360	62,540	88,120	128,020
11-2021	Marketing Managers	detailed	180	11.3	2.849	1.17	31.98	66,520	3.3	15.00	20.93	26.17	39.24	58.29	31,200	43,540	54,430	81,620	121,240
11-2022	Sales Managers	detailed	200	5.4	3.140	0.83	31.18	64,840	5.4	17.81	22.26	30.79	38.27	47.09	37,040	46,300	64,030	79,600	97,950
11-3012	Administrative Services Managers	detailed	1,150	6.8	17.796	11.14	29.09	60,500	1.2	17.15	19.90	27.05	34.46	42.73	35,670	41,390	56,260	71,680	88,870
11-3013	Facilities Managers	detailed	90	11.0	1.393	1.61	34.23	71,190	2.4	17.85	22.58	28.85	43.80	56.16	37,120	46,970	60,010	91,100	116,810
11-3031	Financial Managers	detailed	390	6.8	6.045	1.17	39.91	83,010	2.7	20.73	28.50	36.56	46.26	62.29	43,120	59,280	76,050	96,220	129,550
11-3061	Purchasing Managers	detailed	50	6.2	0.742	1.45	32.85	68,320	2.8	16.42	23.78	30.29	38.48	51.75	34,150	49,470	63,000	80,040	107,640
11-3071	Transportation, Storage, and Distribution Managers	detailed	**	**	**	**	38.39	79,850	1.8	22.85	28.89	37.87	45.43	56.23	47,530	60,090	78,780	94,490	116,960
11-3121	Human Resources Managers	detailed	70	4.6	1.025	0.78	36.62	76,170	1.3	19.98	29.25	36.55	44.70	49.58	41,560	60,830	76,030	92,970	103,130
11-9021	Construction Managers	detailed	370	11.2	5.686	2.62	36.16	75,210	5.7	17.52	22.99	31.42	42.70	59.27	36,440	47,820	65,350	88,810	123,280
11-9031	Education and Childcare Administrators, Preschool and Daycare	detailed	50	47.7	0.799	1.89	17.83	37,080	8.4	13.82	14.00	14.06	19.28	25.00	28,750	29,110	29,240	40,100	52,000
11-9032	Education Administrators, Kindergarten through Secondary	detailed	120	5.2	1.820	0.91	*	77,740	2.1	*	*	*	*	*	47,440	66,720	83,620	83,620	102,970
11-9039	Education Administrators, All Other	detailed	200	0.8	3.089	9.25	55.30	115,030	0.5	42.26	48.78	55.43	63.01	70.72	87,900	101,460	115,290	131,060	147,100
11-9041	Architectural and Engineering Managers	detailed	50	8.2	0.785	0.57	48.61	101,100	2.7	34.75	37.86	42.72	59.38	67.14	72,270	78,740	88,850	123,500	139,650
11-9051	Food Service Managers	detailed	110	8.8	1.713	1.06	22.96	47,770	2.9	15.13	18.00	19.75	24.18	36.05	31,470	37,440	41,080	50,290	74,980

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
11-9081	Lodging Managers	detailed	100	8.4	1.515	5.48	23.09	48,020	3.5	14.42	16.40	20.53	25.21	33.65	29,990	34,100	42,700	52,440	69,990
11-9111	Medical and Health Services Managers	detailed	120	9.6	1.883	0.56	50.93	105,930	6.1	25.00	30.22	44.59	57.24	103.79	52,000	62,870	92,740	119,060	215,890
11-9141	Property, Real Estate, and Community Association Managers	detailed	**	**	**	**	38.15	79,340	12.9	16.78	24.04	35.38	43.98	57.37	34,890	50,000	73,600	91,480	119,330
11-9151	Social and Community Service Managers	detailed	30	9.7	0.507	0.44	27.14	56,460	3.3	19.71	22.24	23.49	34.03	35.27	40,990	46,260	48,860	70,770	73,360
11-9199	Managers, All Other	detailed	150	4.3	2.257	0.58	46.08	95,850	1.5	24.00	30.78	46.86	56.82	65.66	49,920	64,030	97,470	118,190	136,570
13-0000	Business and Financial Operations Occupations	major	2,930	2.1	45.260	0.68	29.16	60,650	0.6	15.17	19.62	25.99	36.47	47.78	31,560	40,810	54,050	75,860	99,380
13-1020	Buyers and Purchasing Agents	detailed	210	5.9	3.299	1.05	31.20	64,900	1.0	14.64	18.94	27.46	45.02	52.08	30,450	39,400	57,120	93,640	108,330
13-1031	Claims Adjusters, Examiners, and Investigators	detailed	80	7.8	1.167	0.60	24.50	50,960	1.9	15.16	17.88	22.74	28.43	37.65	31,530	37,190	47,300	59,130	78,310
13-1041	Compliance Officers	detailed	270	2.9	4.154	1.64	32.15	66,870	0.7	16.30	19.94	29.18	44.71	49.11	33,900	41,480	60,690	93,000	102,150
13-1051	Cost Estimators	detailed	60	12.8	0.853	0.59	26.97	56,090	5.0	12.90	16.33	26.84	32.24	46.77	26,820	33,970	55,830	67,070	97,280
13-1071	Human Resources Specialists	detailed	350	2.6	5.406	0.92	26.02	54,130	0.8	17.84	19.97	24.43	29.71	36.36	37,110	41,540	50,810	61,800	75,630
13-1081	Logisticians	detailed	100	2.8	1.535	1.02	30.73	63,920	1.9	17.21	24.36	29.29	35.69	50.44	35,790	50,660	60,920	74,240	104,920
13-1082	Project Management Specialists	detailed	170	5.6	2.566	0.41	30.91	64,280	1.9	19.73	21.64	27.05	32.74	45.67	41,050	45,010	56,260	68,100	94,990
13-1111	Management Analysts	detailed	**	**	**	**	35.00	72,800	2.4	21.64	26.90	31.92	41.14	49.11	45,010	55,950	66,390	85,570	102,150
13-1151	Training and Development Specialists	detailed	40	13.6	0.629	0.24	19.66	40,890	4.1	11.42	12.75	16.44	26.72	32.22	23,750	26,520	34,200	55,570	67,020
13-1161	Market Research Analysts and Marketing Specialists	detailed	80	14.0	1.285	0.23	22.38	46,550	2.4	15.00	17.94	21.11	25.18	29.25	31,200	37,310	43,910	52,380	60,840

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
13-1199	Business Operations Specialists, All Other	detailed	420	2.2	6.419	0.88	39.72	82,620	2.3	24.86	32.03	39.82	46.45	52.08	51,710	66,620	82,830	96,620	108,330
13-2011	Accountants and Auditors	detailed	480	4.6	7.436	0.79	23.54	48,960	2.2	15.73	17.84	21.32	27.46	33.67	32,720	37,110	44,350	57,120	70,030
13-2053	Insurance Underwriters	detailed	60	13.2	0.968	1.45	22.12	46,020	7.0	14.48	14.80	22.97	24.26	31.88	30,110	30,780	47,780	50,470	66,310
13-2072	Loan Officers	detailed	60	11.7	0.925	0.44	29.90	62,200	8.0	16.91	19.58	23.70	32.95	51.76	35,180	40,730	49,290	68,540	107,660
13-2082	Tax Preparers	detailed	30	25.3	0.498	0.93	14.19	29,520	9.1	9.57	10.53	13.41	14.11	23.12	19,900	21,900	27,890	29,350	48,090
13-2099	Financial Specialists, All Other	detailed	50	4.7	0.809	1.00	36.12	75,140	1.1	24.08	30.20	34.33	42.08	46.45	50,080	62,820	71,410	87,530	96,620
15-0000	Computer and Mathematical Occupations	major	790	2.6	12.274	0.36	26.00	54,080	2.4	12.30	15.53	22.50	33.61	46.95	25,580	32,290	46,800	69,910	97,660
15-1232	Computer User Support Specialists	detailed	200	5.7	3.066	0.68	18.75	39,000	6.0	11.66	13.75	16.07	20.20	24.71	24,260	28,610	33,430	42,020	51,400
15-1244	Network and Computer Systems Administrators	detailed	70	9.7	1.053	0.49	28.65	59,600	1.9	22.00	25.27	26.86	34.25	38.70	45,760	52,560	55,870	71,240	80,500
17-0000	Architecture and Engineering Occupations	major	1,120	4.1	17.322	1.04	33.21	69,080	1.1	19.13	24.45	29.95	41.14	50.25	39,790	50,850	62,300	85,570	104,520
17-1011	Architects, Except Landscape and Naval	detailed	70	14.1	1.016	1.39	41.89	87,130	3.5	23.61	31.00	47.35	48.07	56.82	49,120	64,490	98,490	99,980	118,190
17-2051	Civil Engineers	detailed	320	8.7	5.009	2.32	32.58	67,760	1.7	23.58	25.24	29.95	37.67	47.77	49,050	52,500	62,300	78,350	99,360
17-2071	Electrical Engineers	detailed	180	22.3	2.721	2.23	32.30	67,180	4.8	22.93	24.76	28.47	38.46	47.22	47,700	51,490	59,210	80,000	98,220
17-2141	Mechanical Engineers	detailed	60	11.3	0.960	0.52	34.91	72,610	3.3	23.44	26.91	32.95	44.77	48.07	48,750	55,970	68,530	93,120	99,990
17-3011	Architectural and Civil Drafters	detailed	40	26.1	0.690	0.94	21.71	45,150	4.9	12.98	16.39	22.96	27.72	28.73	27,000	34,080	47,750	57,660	59,760
17-3023	Electrical and Electronic Engineering Technologists and Technicians	detailed	60	3.8	0.894	1.39	34.44	71,640	1.6	20.48	28.74	32.95	41.14	50.44	42,600	59,770	68,540	85,570	104,920
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	detailed	80	1.6	1.206	2.77	38.28	79,620	1.1	33.22	34.33	37.10	42.08	43.80	69,100	71,410	77,160	87,530	91,100

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	40	10.4	0.606	1.64	18.49	38,460	2.9	9.50	11.84	18.02	21.69	30.77	19,760	24,620	37,480	45,120	64,000
19-0000	Life, Physical, and Social Science Occupations	major	680	3.7	10.479	1.15	28.75	59,790	1.2	16.30	19.29	25.11	37.50	47.35	33,900	40,130	52,230	78,000	98,490
19-2041	Environmental Scientists and Specialists, Including Health	detailed	100	24.2	1.524	2.87	32.72	68,050	2.8	18.51	25.15	29.18	37.74	51.76	38,500	52,320	60,700	78,490	107,660
19-4021	Biological Technicians	detailed	80	1.5	1.268	2.50	20.72	43,090	0.4	15.94	16.62	20.51	23.56	26.26	33,160	34,570	42,660	49,000	54,620
19-5011	Occupational Health and Safety Specialists	detailed	80	7.4	1.231	1.53	31.66	65,860	7.0	15.00	18.96	28.47	40.15	52.08	31,200	39,430	59,220	83,510	108,330
21-0000	Community and Social Service Occupations	major	850	4.5	13.160	0.83	23.35	48,570	1.5	12.31	15.55	21.64	29.71	37.12	25,590	32,330	45,010	61,800	77,210
21-1012	Educational, Guidance, and Career Counselors and Advisors	detailed	160	4.6	2.454	1.14	28.66	59,610	2.3	16.76	22.80	30.58	32.08	39.42	34,850	47,420	63,600	66,730	81,990
21-1021	Child, Family, and School Social Workers	detailed	110	3.4	1.707	0.74	19.08	39,680	1.2	13.86	14.18	17.13	21.64	29.77	28,820	29,480	35,640	45,010	61,920
21-1022	Healthcare Social Workers	detailed	100	2.0	1.500	1.23	23.65	49,190	1.3	17.84	19.60	23.05	27.91	30.29	37,110	40,770	47,940	58,050	63,000
21-1091	Health Education Specialists	detailed	40	3.6	0.632	1.66	23.83	49,570	0.8	14.73	17.34	22.38	27.91	30.53	30,630	36,070	46,550	58,050	63,500
21-1093	Social and Human Service Assistants	detailed	190	6.2	2.882	1.07	17.37	36,130	0.9	10.14	12.30	16.09	20.62	24.63	21,090	25,570	33,470	42,890	51,230
21-2011	Clergy	detailed	50	10.9	0.733	1.96	21.92	45,600	6.4	9.25	11.93	18.98	28.03	30.11	19,240	24,810	39,470	58,300	62,630
23-0000	Legal Occupations	major	330	6.3	5.176	0.63	43.36	90,180	7.0	15.64	22.95	38.62	61.87	72.80	32,540	47,740	80,330	128,690	151,430
23-1011	Lawyers	detailed	200	2.8	3.146	0.65	55.08	114,570	4.6	32.49	38.62	53.70	64.42	81.17	67,580	80,330	111,700	133,990	168,830
23-2011	Paralegals and Legal Assistants	detailed	60	35.6	0.906	0.39	20.85	43,360	3.4	11.81	14.98	18.33	25.26	35.07	24,560	31,160	38,130	52,540	72,950
25-0000	Educational Instruction and Library Occupations	major	3,580	2.0	55.360	0.96	25.20	52,420	1.2	12.48	17.44	24.40	30.49	37.33	25,960	36,270	50,750	63,410	77,640

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
25-1194	Career/Technical Education Teachers, Postsecondary	detailed	50	30.4	0.793	1.08	28.28	58,830	9.2	18.43	18.43	24.20	40.66	45.90	38,330	38,330	50,330	84,580	95,480
25-2011	Preschool Teachers, Except Special Education	detailed	150	11.9	2.375	0.84	14.36	29,870	6.8	9.63	9.71	9.79	18.77	23.59	20,030	20,210	20,350	39,030	49,070
25-2012	Kindergarten Teachers, Except Special Education	detailed	90	5.4	1.466	1.88	*	55,730	2.1	*	*	*	*	*	39,780	50,480	50,480	63,300	63,300
25-2021	Elementary School Teachers, Except Special Education	detailed	790	4.3	12.286	1.32	*	50,810	2.4	*	*	*	*	*	28,510	39,480	50,870	63,410	63,410
25-2022	Middle School Teachers, Except Special and Career/Technical Education	detailed	500	4.6	7.806	1.89	*	50,070	1.8	*	*	*	*	*	34,610	39,680	50,650	63,130	63,130
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	detailed	590	7.4	9.199	1.34	*	52,640	3.3	*	*	*	*	*	30,800	40,270	51,270	62,750	62,750
25-3021	Self-Enrichment Teachers	detailed	60	14.5	0.880	0.49	19.73	41,030	7.9	10.52	13.39	16.52	22.24	31.08	21,870	27,850	34,370	46,270	64,640
25-3031	Substitute Teachers, Short-Term	detailed	170	8.5	2.580	0.88	14.21	29,550	1.1	12.48	12.48	12.48	17.44	17.44	25,960	25,960	25,960	36,270	36,270
25-3099	Teachers and Instructors, All Other	detailed	120	4.1	1.818	2.33	*	48,670	1.8	*	*	*	*	*	31,300	31,300	32,410	42,830	108,210
25-9031	Instructional Coordinators	detailed	140	3.9	2.217	1.62	29.87	62,130	2.2	19.02	25.74	31.17	31.17	37.23	39,560	53,540	64,830	64,830	77,440
25-9045	Teaching Assistants, Except Postsecondary	detailed	110	26.0	1.735	0.20	*	25,780	2.3	*	*	*	*	*	20,450	22,610	25,000	27,940	29,470
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	major	460	6.2	7.126	0.51	19.72	41,010	1.6	9.99	11.14	15.77	23.44	35.43	20,770	23,170	32,790	48,760	73,690
27-1024	Graphic Designers	detailed	70	9.0	1.082	0.77	16.15	33,580	2.3	12.27	13.37	15.77	18.04	22.41	25,520	27,800	32,790	37,510	46,620

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27-3031	Public Relations Specialists	detailed	50	12.3	0.782	0.43	23.64	49,170	3.0	13.36	16.95	21.30	27.00	36.54	27,790	35,250	44,300	56,160	76,000	
27-4099	Media and Communication Equipment Workers, All Other	detailed	40	2.0	0.632	8.40	36.95	76,850	1.0	29.29	32.95	34.33	40.97	50.51	60,920	68,540	71,410	85,220	105,060	
29-0000	Healthcare Practitioners and Technical Occupations	major	2,100	2.0	32.450	0.53	38.74	80,590	2.7	13.71	17.54	26.11	41.36	65.48	28,520	36,490	54,310	86,030	136,200	
29-1021	Dentists, General	detailed	30	16.0	0.526	0.66	77.97	162,170	9.3	36.58	49.61	75.00	75.00	#	76,090	103,180	156,000	156,010	#	
29-1051	Pharmacists	detailed	80	5.0	1.229	0.56	54.33	113,010	1.0	39.30	46.15	55.74	64.55	67.72	81,740	96,000	115,950	134,270	140,860	
29-1141	Registered Nurses	detailed	740	3.0	11.410	0.55	*	*	*	*	*	*	*	*	*	*	*	*	*	*
29-1171	Nurse Practitioners	detailed	90	10.8	1.325	0.72	42.58	88,570	3.9	18.89	24.00	39.49	61.61	78.07	39,300	49,910	82,150	128,140	162,390	
29-1215	Family Medicine Physicians	detailed	40	28.0	0.674	0.91	109.99	228,770	14.2	41.28	65.48	107.18	#	#	85,860	136,200	222,940	#	#	
29-1216	General Internal Medicine Physicians	detailed	40	39.2	0.560	1.26	#	#	5.3	#	#	#	#	#	#	#	#	#	#	#
29-1292	Dental Hygienists	detailed	50	32.4	0.751	0.54	32.18	66,940	5.5	20.25	28.90	29.76	37.95	45.75	42,120	60,110	61,900	78,930	95,160	
29-2034	Radiologic Technologists and Technicians	detailed	50	40.0	0.850	0.58	*	*	*	*	*	*	*	*	*	*	*	*	*	*
29-2052	Pharmacy Technicians	detailed	130	4.8	2.022	0.67	14.70	30,580	1.4	10.79	12.75	14.49	17.24	19.15	22,430	26,520	30,130	35,860	39,830	
29-2061	Licensed Practical and Licensed Vocational Nurses	detailed	90	8.6	1.382	0.33	20.06	41,720	1.2	16.73	17.36	18.93	21.40	24.24	34,800	36,110	39,370	44,510	50,420	
29-2072	Medical Records Specialists	detailed	90	8.2	1.455	1.19	16.46	34,240	1.8	11.11	13.00	15.68	18.88	24.28	23,110	27,040	32,620	39,270	50,490	
31-0000	Healthcare Support Occupations	major	1,080	3.2	16.686	0.36	15.18	31,580	1.9	10.53	11.97	14.54	17.07	20.83	21,890	24,890	30,250	35,510	43,320	
31-1120	Home Health and Personal Care Aides	detailed	140	6.2	2.137	0.09	11.25	23,390	1.3	9.25	9.25	10.79	12.45	13.29	19,240	19,240	22,450	25,890	27,640	
31-1131	Nursing Assistants	detailed	250	4.1	3.795	0.43	15.92	33,100	0.9	13.33	14.05	15.26	17.28	19.31	27,730	29,220	31,730	35,940	40,150	
31-9011	Massage Therapists	detailed	80	19.8	1.294	2.12	14.43	30,010	7.9	9.97	10.51	11.80	18.42	21.74	20,740	21,870	24,540	38,320	45,220	

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31-9091	Dental Assistants	detailed	130	7.2	2.064	0.85	16.96	35,270	3.6	11.17	14.36	16.88	21.02	22.73	23,220	29,880	35,120	43,730	47,280
31-9092	Medical Assistants	detailed	230	10.7	3.590	0.71	14.69	30,560	1.9	11.63	13.34	14.50	16.26	19.48	24,180	27,750	30,160	33,820	40,510
31-9093	Medical Equipment Preparers	detailed	50	31.8	0.710	1.61	20.41	42,440	9.1	10.94	11.42	17.91	22.45	36.59	22,760	23,750	37,260	46,690	76,110
33-0000	Protective Service Occupations	major	3,840	1.4	59.310	2.57	20.39	42,410	0.8	10.02	11.43	17.85	25.78	35.99	20,840	23,770	37,130	53,620	74,860
33-1091	First-Line Supervisors of Security Workers	detailed	60	9.0	0.988	2.31	18.22	37,900	3.6	10.01	10.83	14.65	21.37	39.64	20,830	22,520	30,470	44,450	82,450
33-9032	Security Guards	detailed	950	5.4	14.731	1.86	11.91	24,770	1.3	10.01	10.02	10.02	12.96	16.56	20,830	20,840	20,840	26,960	34,440
33-9093	Transportation Security Screeners	detailed	260	0.1	4.035	12.78	24.50	50,960	0.0	18.58	21.78	23.07	27.30	33.11	38,650	45,300	47,990	56,780	68,870
35-0000	Food Preparation and Serving Related Occupations	major	7,040	2.4	108.842	1.25	11.03	22,940	0.7	9.37	9.88	10.20	10.93	13.41	19,500	20,550	21,210	22,720	27,890
35-1011	Chefs and Head Cooks	detailed	200	11.7	3.052	2.69	21.16	44,020	2.7	13.00	14.51	18.16	24.32	34.61	27,040	30,170	37,770	50,580	71,990
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	detailed	700	9.1	10.865	1.40	12.88	26,790	2.0	10.62	11.01	12.68	14.00	16.07	22,100	22,900	26,380	29,110	33,430
35-2011	Cooks, Fast Food	detailed	370	40.8	5.753	1.30	10.20	21,210	1.0	10.14	10.16	10.17	10.18	10.48	21,080	21,140	21,150	21,160	21,800
35-2012	Cooks, Institution and Cafeteria	detailed	100	10.2	1.603	0.56	14.09	29,310	2.2	11.46	11.67	15.29	15.83	16.25	23,830	24,280	31,800	32,920	33,810
35-2014	Cooks, Restaurant	detailed	1,160	6.9	17.908	1.93	11.42	23,760	1.3	9.97	10.20	10.79	12.29	13.25	20,740	21,220	22,450	25,560	27,560
35-2015	Cooks, Short Order	detailed	110	22.4	1.656	1.99	10.76	22,370	1.4	10.12	10.18	10.28	10.97	11.29	21,050	21,170	21,390	22,810	23,470
35-2021	Food Preparation Workers	detailed	370	15.3	5.765	1.00	10.33	21,490	2.5	9.25	9.37	10.18	10.86	11.20	19,240	19,500	21,170	22,590	23,300
35-3011	Bartenders	detailed	210	6.8	3.278	0.70	10.79	22,450	1.6	9.25	9.25	9.86	10.38	13.23	19,240	19,240	20,520	21,590	27,530
35-3023	Fast Food and Counter Workers	detailed	710	24.7	11.011	0.45	10.33	21,490	1.3	9.83	9.99	10.25	10.31	11.36	20,450	20,790	21,330	21,430	23,630
35-3031	Waiters and Waitresses	detailed	1,620	6.7	25.089	1.70	9.97	20,730	0.7	9.25	9.47	9.89	10.25	10.42	19,240	19,700	20,580	21,320	21,680
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	detailed	330	14.4	5.124	1.61	10.26	21,350	1.7	9.27	9.31	9.68	9.68	13.24	19,290	19,370	20,130	20,130	27,540
35-9021	Dishwashers	detailed	360	18.4	5.612	1.84	10.03	20,870	0.8	9.60	9.86	10.00	10.25	10.34	19,980	20,500	20,800	21,320	21,510

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35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	detailed	150	21.4	2.396	0.86	9.78	20,340	1.7	9.25	9.47	9.55	9.71	10.16	19,240	19,700	19,870	20,200	21,140
35-9099	Food Preparation and Serving Related Workers, All Other	detailed	560	17.8	8.653	15.22	10.29	21,390	0.7	9.90	10.00	10.09	10.30	10.62	20,580	20,800	20,980	21,430	22,090
37-0000	Building and Grounds Cleaning and Maintenance Occupations	major	2,530	4.9	39.070	1.34	11.48	23,890	0.7	9.63	10.04	10.46	11.82	14.35	20,030	20,880	21,750	24,590	29,840
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	detailed	140	4.9	2.180	1.93	14.04	29,210	2.1	11.06	11.32	12.20	15.91	19.56	22,990	23,550	25,380	33,090	40,680
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	detailed	70	14.5	1.019	1.23	17.10	35,580	1.6	12.44	14.15	15.48	18.57	21.41	25,870	29,430	32,200	38,630	44,530
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	detailed	850	7.4	13.101	0.92	11.48	23,880	1.4	9.60	9.90	10.38	12.63	14.35	19,970	20,590	21,590	26,270	29,840
37-2012	Maids and Housekeeping Cleaners	detailed	810	4.2	12.504	2.27	10.27	21,360	0.8	9.56	10.00	10.24	10.40	10.71	19,870	20,800	21,300	21,640	22,290
37-2021	Pest Control Workers	detailed	40	3.1	0.629	1.02	15.87	33,020	3.1	10.69	13.93	14.78	17.68	21.59	22,240	28,970	30,730	36,770	44,900
37-3011	Landscaping and Groundskeeping Workers	detailed	620	21.9	9.536	1.56	11.58	24,080	1.1	10.02	10.46	11.55	12.45	13.93	20,840	21,750	24,030	25,900	28,970
39-0000	Personal Care and Service Occupations	major	1,140	4.1	17.648	0.88	11.89	24,720	1.2	9.42	9.95	10.48	12.73	16.13	19,600	20,690	21,790	26,470	33,550

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39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	detailed	40	4.8	0.693	1.19	14.70	30,580	1.6	10.73	11.53	14.10	16.23	20.00	22,330	23,980	29,330	33,770	41,600
39-1022	First-Line Supervisors of Personal Service Workers	detailed	40	10.7	0.642	0.92	14.52	30,200	3.0	11.70	12.32	13.38	16.12	19.68	24,330	25,630	27,830	33,530	40,930
39-2021	Animal Caretakers	detailed	40	22.6	0.673	0.38	12.85	26,720	4.7	10.38	11.34	11.82	14.86	16.98	21,590	23,590	24,590	30,910	35,310
39-3031	Ushers, Lobby Attendants, and Ticket Takers	detailed	60	12.6	0.983	1.27	9.80	20,380	1.4	9.25	9.25	9.34	9.51	11.08	19,240	19,240	19,420	19,770	23,040
39-3091	Amusement and Recreation Attendants	detailed	220	5.1	3.424	1.44	10.14	21,090	0.6	9.42	9.42	9.93	10.13	11.37	19,600	19,600	20,650	21,060	23,650
39-5012	Hairdressers, Hairstylists, and Cosmetologists	detailed	120	20.3	1.837	0.95	16.23	33,760	8.4	12.81	13.09	14.38	17.84	22.18	26,640	27,230	29,900	37,110	46,120
39-7010	Tour and Travel Guides	detailed	60	13.2	0.884	2.87	14.11	29,360	3.6	9.93	10.85	12.83	16.77	20.51	20,650	22,560	26,690	34,880	42,650
39-9011	Childcare Workers	detailed	200	11.6	3.027	0.92	10.64	22,130	1.2	10.21	10.22	10.22	10.48	12.08	21,240	21,250	21,250	21,790	25,130
39-9031	Exercise Trainers and Group Fitness Instructors	detailed	30	22.7	0.533	0.29	12.28	25,530	7.9	9.50	9.50	11.07	12.80	20.00	19,760	19,760	23,020	26,620	41,600
39-9032	Recreation Workers	detailed	60	6.0	0.940	0.51	12.15	25,280	0.6	10.62	10.62	10.63	13.29	14.86	22,090	22,090	22,110	27,640	30,910
39-9099	Personal Care and Service Workers, All Other	detailed	**	**	**	**	9.57	19,900	2.3	9.27	9.63	9.63	9.63	9.64	19,270	20,020	20,020	20,020	20,050
41-0000	Sales and Related Occupations	major	4,790	5.1	74.008	0.84	12.86	26,760	2.7	9.63	10.14	10.72	13.82	18.02	20,030	21,100	22,290	28,740	37,480
41-1011	First-Line Supervisors of Retail Sales Workers	detailed	400	14.2	6.136	0.86	16.80	34,950	2.1	11.41	13.36	14.91	18.57	23.08	23,720	27,790	31,000	38,620	48,000

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41-1012	First-Line Supervisors of Non-Retail Sales Workers	detailed	50	14.1	0.771	0.52	23.65	49,180	4.5	13.76	20.04	22.24	27.22	32.91	28,620	41,680	46,250	56,610	68,460
41-2011	Cashiers	detailed	2,240	4.3	34.696	1.60	11.05	22,980	0.8	9.51	9.73	10.26	12.24	13.82	19,780	20,230	21,340	25,460	28,740
41-2021	Counter and Rental Clerks	detailed	210	8.0	3.199	1.24	11.33	23,560	1.9	10.07	10.07	10.25	12.33	13.48	20,950	20,950	21,320	25,650	28,030
41-2022	Parts Salespersons	detailed	90	8.2	1.450	0.84	13.84	28,790	5.2	10.75	11.45	11.66	16.42	21.22	22,350	23,810	24,250	34,150	44,140
41-2031	Retail Salespersons	detailed	1,180	13.7	18.302	0.75	11.79	24,510	3.7	9.83	10.02	10.51	11.60	15.49	20,450	20,850	21,850	24,120	32,220
41-3011	Advertising Sales Agents	detailed	30	7.4	0.485	0.68	17.28	35,940	6.2	10.01	10.98	14.07	21.38	27.69	20,820	22,830	29,270	44,470	57,580
41-3021	Insurance Sales Agents	detailed	40	18.6	0.662	0.22	21.86	45,460	3.7	12.74	15.47	18.29	26.19	31.67	26,500	32,180	38,040	54,480	65,870
41-3041	Travel Agents	detailed	40	7.8	0.674	1.76	14.66	30,490	4.8	9.95	12.25	13.65	16.97	20.22	20,700	25,480	28,390	35,290	42,060
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	detailed	150	22.7	2.321	0.31	19.22	39,970	7.4	12.84	15.58	18.21	23.04	25.61	26,710	32,400	37,870	47,930	53,270
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	detailed	260	10.5	4.061	0.48	16.43	34,180	5.9	10.84	12.21	14.42	17.56	27.21	22,550	25,410	29,990	36,520	56,600
41-9011	Demonstrators and Product Promoters	detailed	40	2.4	0.569	1.70	16.45	34,210	0.6	12.63	16.60	16.61	17.71	17.92	26,260	34,530	34,560	36,840	37,280
43-0000	Office and Administrative Support Occupations	major	9,110	2.8	140.894	1.15	16.29	33,870	0.8	10.21	11.34	14.31	19.06	25.10	21,240	23,580	29,750	39,650	52,210
43-1011	First-Line Supervisors of Office and Administrative Support Workers	detailed	1,240	7.0	19.160	1.93	20.76	43,180	0.9	12.21	14.57	18.92	25.32	31.07	25,390	30,310	39,350	52,670	64,630
43-3011	Bill and Account Collectors	detailed	110	14.5	1.690	1.34	15.41	32,040	4.0	11.02	12.44	13.82	17.46	21.67	22,920	25,870	28,740	36,310	45,070

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	13.5	1.803	0.64	14.70	30,570	5.2	9.89	11.03	13.81	17.60	21.54	20,560	22,930	28,720	36,620	44,800
43-3031	Bookkeeping, Accounting, and Auditing Clerks	detailed	870	4.8	13.444	1.36	15.04	31,290	1.2	10.50	11.73	13.99	17.60	20.12	21,840	24,400	29,090	36,610	41,850
43-3051	Payroll and Timekeeping Clerks	detailed	70	8.5	1.127	1.09	17.74	36,900	1.8	12.75	14.49	18.07	21.03	23.40	26,520	30,140	37,590	43,740	48,660
43-3061	Procurement Clerks	detailed	120	8.4	1.931	4.76	17.01	35,380	3.7	10.20	11.59	15.47	22.45	24.24	21,220	24,110	32,180	46,700	50,420
43-3071	Tellers	detailed	230	11.8	3.502	1.56	14.03	29,180	4.9	10.44	11.20	12.60	17.69	18.24	21,720	23,290	26,210	36,800	37,940
43-4051	Customer Service Representatives	detailed	830	8.1	12.769	0.68	13.81	28,730	2.2	9.56	11.06	12.78	16.18	18.60	19,870	23,000	26,580	33,660	38,690
43-4061	Eligibility Interviewers, Government Programs	detailed	40	4.7	0.682	0.69	16.81	34,960	0.5	12.75	13.75	15.37	17.73	24.50	26,520	28,600	31,970	36,880	50,960
43-4071	File Clerks	detailed	40	5.5	0.668	1.23	14.95	31,090	2.0	11.33	12.75	14.86	16.70	18.45	23,560	26,520	30,910	34,740	38,380
43-4081	Hotel, Motel, and Resort Desk Clerks	detailed	160	6.4	2.450	1.41	10.27	21,360	0.7	9.51	9.61	10.01	10.35	11.51	19,780	19,990	20,820	21,520	23,930
43-4131	Loan Interviewers and Clerks	detailed	70	18.0	1.078	0.80	15.28	31,790	5.7	11.16	12.40	13.66	17.94	20.09	23,220	25,790	28,410	37,320	41,780
43-4141	New Accounts Clerks	detailed	40	34.2	0.574	2.11	21.43	44,580	4.9	16.81	19.78	19.78	21.60	25.35	34,960	41,150	41,150	44,920	52,730
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	detailed	80	9.1	1.163	1.74	16.53	34,390	1.7	10.63	12.95	15.62	19.61	22.45	22,100	26,930	32,490	40,790	46,700
43-4171	Receptionists and Information Clerks	detailed	250	13.4	3.836	0.58	11.06	22,990	2.4	9.75	10.00	10.46	12.14	13.02	20,270	20,800	21,760	25,240	27,070
43-4199	Information and Record Clerks, All Other	detailed	140	3.6	2.198	2.20	20.40	42,430	1.0	12.18	15.98	19.97	24.69	28.55	25,330	33,240	41,540	51,360	59,380
43-5021	Couriers and Messengers	detailed	110	16.0	1.625	3.43	11.41	23,730	2.6	9.75	9.82	10.71	11.68	14.38	20,280	20,420	22,270	24,300	29,910
43-5051	Postal Service Clerks	detailed	30	0.0	0.479	0.93	31.17	64,830	0.0	26.18	28.64	30.53	34.54	35.17	54,450	59,570	63,500	71,840	73,150
43-5052	Postal Service Mail Carriers	detailed	40	0.0	0.649	0.30	27.00	56,160	0.0	19.83	23.11	23.86	31.03	36.20	41,250	48,070	49,620	64,540	75,300

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43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	detailed	40	0.0	0.572	0.75	27.82	57,860	0.0	20.05	25.20	26.18	31.10	34.54	41,700	52,420	54,450	64,690	71,840
43-5061	Production, Planning, and Expediting Clerks	detailed	130	3.9	1.956	0.75	*	*	*	*	*	*	*	*	*	*	*	*	*
43-5071	Shipping, Receiving, and Inventory Clerks	detailed	660	12.5	10.162	1.83	14.11	29,350	4.7	9.93	10.43	11.59	15.10	24.14	20,650	21,700	24,110	31,410	50,210
43-6011	Executive Secretaries and Executive Administrative Assistants	detailed	80	6.8	1.238	0.39	24.18	50,290	4.2	14.89	16.39	21.97	27.49	37.81	30,960	34,100	45,700	57,180	78,650
43-6012	Legal Secretaries and Administrative Assistants	detailed	50	10.6	0.788	0.78	20.34	42,300	6.5	13.99	15.05	19.80	24.03	29.65	29,100	31,300	41,180	49,980	61,670
43-6013	Medical Secretaries and Administrative Assistants	detailed	290	9.7	4.530	0.92	15.26	31,740	2.0	11.09	11.68	14.01	17.57	21.02	23,070	24,290	29,140	36,550	43,720
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	detailed	1,330	5.4	20.503	1.74	16.51	34,330	1.5	10.88	12.50	15.19	19.27	23.42	22,630	26,000	31,590	40,080	48,720
43-9021	Data Entry Keyers	detailed	90	7.2	1.455	1.43	12.18	25,320	1.0	10.07	10.07	11.14	13.70	15.29	20,950	20,950	23,170	28,490	31,800
43-9041	Insurance Claims and Policy Processing Clerks	detailed	80	9.5	1.277	0.80	14.22	29,570	1.4	10.92	11.11	13.83	16.02	20.57	22,720	23,110	28,760	33,320	42,780
43-9061	Office Clerks, General	detailed	770	4.5	11.943	0.73	12.41	25,820	2.7	9.55	10.38	11.15	13.64	16.00	19,860	21,590	23,180	28,370	33,280
43-9199	Office and Administrative Support Workers, All Other	detailed	70	4.0	1.036	0.91	*	*	*	*	*	*	*	*	*	*	*	*	*
45-0000	Farming, Fishing, and Forestry Occupations	major	40	11.4	0.626	0.22	17.84	37,100	6.4	10.50	10.82	14.06	23.89	29.49	21,840	22,500	29,240	49,690	61,340

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47-0000	Construction and Extraction Occupations	major	7,110	3.9	109.959	2.68	18.30	38,060	1.0	13.24	15.66	17.20	20.06	23.37	27,540	32,570	35,780	41,710	48,600
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	detailed	410	7.8	6.337	1.24	26.08	54,240	2.4	14.83	20.42	24.07	29.86	38.14	30,850	42,470	50,060	62,110	79,340
47-2031	Carpenters	detailed	1,630	9.8	25.158	5.46	18.34	38,150	1.6	15.58	16.70	17.16	19.53	22.72	32,410	34,730	35,690	40,630	47,260
47-2051	Cement Masons and Concrete Finishers	detailed	700	8.6	10.845	8.09	17.51	36,420	2.0	15.66	16.14	16.37	19.04	20.63	32,570	33,580	34,060	39,590	42,910
47-2061	Construction Laborers	detailed	1,050	9.2	16.179	2.41	13.68	28,460	2.4	10.52	11.13	13.52	14.63	17.77	21,880	23,140	28,120	30,430	36,950
47-2073	Operating Engineers and Other Construction Equipment Operators	detailed	530	7.6	8.254	2.78	18.97	39,460	1.3	14.65	17.56	18.33	19.53	23.16	30,480	36,530	38,130	40,620	48,160
47-2111	Electricians	detailed	720	5.6	11.108	2.37	21.02	43,720	0.7	16.92	18.41	20.04	22.72	27.88	35,190	38,290	41,670	47,260	57,990
47-2141	Painters, Construction and Maintenance	detailed	420	31.6	6.520	4.59	19.82	41,230	5.5	13.96	16.91	21.13	22.34	23.40	29,030	35,170	43,950	46,470	48,670
47-2152	Plumbers, Pipefitters, and Steamfitters	detailed	300	13.9	4.586	1.60	19.48	40,520	2.4	17.05	18.00	18.25	22.31	23.37	35,460	37,450	37,960	46,400	48,600
47-2171	Reinforcing Iron and Rebar Workers	detailed	430	11.8	6.648	58.03	16.98	35,320	0.4	16.73	16.73	16.89	16.96	17.35	34,800	34,800	35,130	35,280	36,100
47-2181	Roofers	detailed	40	43.7	0.677	0.76	16.31	33,920	3.6	12.41	15.41	15.41	17.85	19.46	25,810	32,040	32,040	37,140	40,470
47-2211	Sheet Metal Workers	detailed	120	24.4	1.789	2.34	20.44	42,520	0.7	18.19	18.36	20.80	20.97	23.08	37,840	38,190	43,270	43,620	48,010
47-2221	Structural Iron and Steel Workers	detailed	110	26.4	1.739	4.14	17.34	36,070	3.4	14.27	15.00	17.02	18.57	21.28	29,680	31,200	35,400	38,620	44,250
47-3013	Helpers--Electricians	detailed	60	31.8	0.869	1.92	15.14	31,480	3.1	12.00	13.32	15.00	17.10	17.30	24,960	27,710	31,200	35,560	35,990
47-3014	Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	detailed	**	**	**	**	16.95	35,260	10.6	15.47	17.14	17.14	17.15	18.05	32,180	35,650	35,650	35,680	37,540

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47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	detailed	70	37.6	1.153	3.87	14.09	29,300	9.4	10.07	11.41	15.48	16.33	16.35	20,950	23,740	32,200	33,970	34,000
47-3019	Helpers, Construction Trades, All Other	detailed	30	27.8	0.495	2.76	16.12	33,520	4.0	14.21	15.37	15.76	15.76	17.79	29,570	31,970	32,780	32,780	37,010
47-4011	Construction and Building Inspectors	detailed	40	12.0	0.592	0.67	25.24	52,500	4.7	15.51	19.33	27.30	29.92	33.31	32,260	40,210	56,780	62,230	69,280
47-4041	Hazardous Materials Removal Workers	detailed	30	16.8	0.519	1.58	26.86	55,880	14.5	16.92	19.59	25.93	32.58	39.35	35,200	40,760	53,930	67,760	81,860
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	detailed	**	**	**	**	22.02	45,800	2.1	16.50	16.83	20.55	25.94	27.15	34,320	35,010	42,740	53,960	56,470
49-0000	Installation, Maintenance, and Repair Occupations	major	3,380	2.9	52.262	1.33	19.29	40,130	1.3	10.68	13.23	17.18	23.22	30.18	22,210	27,520	35,730	48,300	62,770
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	detailed	330	4.5	5.037	1.30	24.17	50,270	1.9	13.43	16.30	23.16	30.09	37.73	27,920	33,900	48,180	62,580	78,480
49-2011	Computer, Automated Teller, and Office Machine Repairers	detailed	40	21.1	0.639	1.25	14.39	29,940	14.8	10.64	10.65	11.66	15.00	21.17	22,130	22,150	24,250	31,200	44,030
49-2098	Security and Fire Alarm Systems Installers	detailed	90	19.8	1.455	2.64	16.66	34,660	6.8	11.15	12.59	15.24	20.45	22.90	23,190	26,190	31,700	42,530	47,630
49-3023	Automotive Service Technicians and Mechanics	detailed	210	13.2	3.171	0.71	17.39	36,170	4.8	10.13	12.42	17.40	22.08	26.22	21,060	25,830	36,180	45,920	54,530
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	detailed	180	5.9	2.744	2.35	21.77	45,280	1.2	16.67	18.87	20.41	24.27	28.29	34,670	39,240	42,440	50,470	58,850
49-3093	Tire Repairers and Changers	detailed	40	10.6	0.682	1.02	11.48	23,880	9.0	10.38	10.52	10.52	11.06	14.94	21,580	21,880	21,880	23,000	31,080

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49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	detailed	280	18.1	4.357	1.66	21.91	45,570	4.0	13.66	16.81	20.22	23.42	32.51	28,410	34,970	42,060	48,720	67,620
49-9041	Industrial Machinery Mechanics	detailed	140	10.8	2.198	0.81	24.60	51,160	1.7	17.17	21.67	25.08	27.88	30.18	35,710	45,060	52,170	57,990	62,770
49-9043	Maintenance Workers, Machinery	detailed	50	35.3	0.751	1.97	20.05	41,710	5.5	9.82	14.89	18.49	25.16	27.50	20,420	30,980	38,460	52,330	57,210
49-9051	Electrical Power-Line Installers and Repairers	detailed	60	6.4	0.881	1.11	25.70	53,460	1.8	17.98	20.23	24.19	30.72	37.46	37,400	42,080	50,310	63,900	77,920
49-9052	Telecommunications Line Installers and Repairers	detailed	60	8.4	0.949	1.46	25.97	54,010	5.7	15.41	16.37	25.58	38.94	38.94	32,050	34,060	53,200	81,000	81,000
49-9062	Medical Equipment Repairers	detailed	40	16.7	0.541	1.28	18.22	37,910	3.7	12.50	15.17	15.17	22.98	25.58	25,990	31,540	31,540	47,810	53,200
49-9071	Maintenance and Repair Workers, General	detailed	890	7.2	13.821	1.40	14.78	30,730	0.8	10.46	11.29	13.77	17.06	18.87	21,760	23,490	28,650	35,490	39,250
49-9098	Helpers--Installation, Maintenance, and Repair Workers	detailed	310	17.5	4.752	7.08	12.67	26,360	3.0	9.84	10.44	11.21	14.37	17.40	20,460	21,720	23,310	29,900	36,200
49-9099	Installation, Maintenance, and Repair Workers, All Other	detailed	70	19.0	1.139	0.98	19.05	39,630	6.4	10.70	10.70	15.35	27.64	32.51	22,250	22,260	31,930	57,490	67,620
51-0000	Production Occupations	major	1,620	4.8	25.004	0.43	16.91	35,160	1.1	9.99	10.91	13.77	21.27	27.62	20,780	22,690	28,640	44,250	57,440
51-1011	First-Line Supervisors of Production and Operating Workers	detailed	120	8.9	1.854	0.42	28.36	58990	2.9	14.2	17.27	27.5	35.79	46.75	29530	35920	57200	74430	97230
51-3021	Butchers and Meat Cutters	detailed	70	28.3	1.064	1.18	15.85	32960	7.6	11.12	11.43	13.11	18.29	24.14	23140	23780	27270	38040	50210
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	detailed	80	27.8	1.232	1.35	12.17	25310	2.1	10.63	10.84	11.55	13.43	14.19	22120	22540	24020	27930	29520

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51-4121	Welders, Cutters, Solderers, and Brazers	detailed	220	10.4	3.38	1.22	20.3	42230	1	15.73	18.07	19.87	22.39	24.57	32710	37590	41340	46560	51110
51-6011	Laundry and Dry-Cleaning Workers	detailed	90	12.5	1.43	1.17	10.73	22310	2.1	10	10.21	10.24	10.91	11.74	20800	21230	21290	22690	24410
51-8031	Water and Wastewater Treatment Plant and System Operators	detailed	50	4	0.71	0.89	21.38	44470	1.1	15.12	16.67	20.88	26.2	29.85	31450	34670	43430	54500	62090
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	detailed	50	9.8	0.703	0.18	20.62	42880	3.8	10.13	15.4	21.5	25.3	27.66	21070	32030	44710	52630	57530
51-9198	Helpers--Production Workers	detailed	300	5.7	4.621	3.86	11.11	23120	0.8	9.64	9.93	10.73	12.47	12.6	20050	20650	22320	25940	26210
53-0000	Transportation and Material Moving Occupations	major	4580	3.1	70.878	0.78	17.84	37110	2.2	9.89	10.24	11.5	17.57	29.71	20570	21300	23920	36550	61800
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	detailed	220	10.1	3.364	0.86	21.13	43950	5.5	12.52	14.51	17.13	24.5	37.15	26040	30180	35640	50960	77270
53-3031	Driver/Sales Workers	detailed	300	28.3	4.621	1.52	11	22880	4.7	9.84	9.93	9.96	10.69	13.72	20460	20650	20710	22230	28530
53-3032	Heavy and Tractor-Trailer Truck Drivers	detailed	470	17.2	7.242	0.54	18.15	37740	3.6	13.29	16.22	17.57	19.49	21.93	27650	33730	36550	40530	45610
53-3033	Light Truck Drivers	detailed	450	6.5	7.002	1.06	12.03	25020	2.3	10.17	10.64	10.96	12.61	14.89	21150	22120	22800	26230	30970
53-3051	Bus Drivers, School	detailed	110	3.8	1.773	0.72	16.24	33770	0.7	13.23	15.36	16.44	16.96	18.64	27520	31950	34200	35280	38780
53-3052	Bus Drivers, Transit and Intercity	detailed	100	8.4	1.524	1.25	12.69	26390	6.5	9.71	10.52	12.75	12.75	18.65	20200	21870	26520	26520	38790
53-3053	Shuttle Drivers and Chauffeurs	detailed	110	19.5	1.716	1.27	11.73	24400	3.8	10.09	10.35	10.88	12.62	14.41	20990	21520	22630	26260	29980
53-5011	Sailors and Marine Oilers	detailed	30	35.8	0.526	2.66	17.43	36260	8.8	10.3	15.36	18.86	18.86	18.86	21430	31940	39230	39230	39230

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53-6051	Transportation Inspectors	detailed	60	5.5	0.923	5.07	*	*	*	*	*	*	*	*	*	*	*	*	*	*
53-7051	Industrial Truck and Tractor Operators	detailed	60	11.9	0.908	0.18	17.21	35790	3.6	10.75	11.87	14.94	22.09	25.69	22360	24690	31070	45950	53440	
53-7061	Cleaners of Vehicles and Equipment	detailed	150	11.8	2.302	0.96	10.37	21560	4.4	10	10.03	10.12	10.29	10.53	20800	20870	21040	21410	21890	
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	detailed	340	15	5.239	0.26	18.66	38800	4.5	9.87	10.92	13.84	26.19	36.44	20520	22710	28780	54480	75800	
53-7064	Packers and Packagers, Hand	detailed	200	13.9	3.159	0.74	10.24	21310	1.4	9.49	9.8	9.98	10.39	10.86	19740	20370	20750	21610	22590	
53-7065	Stockers and Order Fillers	detailed	1230	7.3	19.024	1.01	11.71	24350	2	9.84	10.1	10.36	11.21	14.57	20460	21010	21560	23320	30300	
53-7081	Refuse and Recyclable Material Collectors	detailed	**	**	**	**	14.79	30750	6.9	11.45	12.75	14.63	15.36	18.01	23820	26520	30420	31950	37460	