

Occupational Employment Statistics

May 2018 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 OES 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 [Education, Training, 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	60,170	1.5%	1000.000	1.00	\$13.00	\$17.57	\$36,550	2.5%
11-0000	Management Occupations	major	4,950	2.7%	82.233	1.56	\$28.72	\$33.60	\$69,890	2.5%
11-1011	Chief Executives	detail	270	9.9%	4.532	3.35	\$57.06	\$67.55	\$140,510	9.8%
11-1021	General and Operations Managers	detail	1,500	6.5%	25.005	1.58	\$25.78	\$30.85	\$64,160	3.4%
11-2021	Marketing Managers	detail	80	7.6%	1.369	0.82	\$26.65	\$29.16	\$60,640	2.8%
11-2022	Sales Managers	detail	240	8.3%	3.907	1.49	\$24.56	\$28.15	\$58,550	4.0%
11-3011	Administrative Services Managers	detail	690	4.2%	11.503	5.87	\$25.77	\$28.14	\$58,520	1.7%
11-3021	Computer and Information Systems Managers	detail	80	3.8%	1.298	0.48	\$36.61	\$40.15	\$83,520	2.9%
11-3031	Financial Managers	detail	330	3.9%	5.485	1.31	\$32.12	\$35.64	\$74,130	1.8%
11-3051	Industrial Production Managers	detail	40	45.1%	0.686	0.55	\$37.62	\$39.17	\$81,470	4.9%
11-3061	Purchasing Managers	detail	40	8.1%	0.745	1.55	\$24.42	\$27.59	\$57,380	6.3%
11-3071	Transportation, Storage, and Distribution Managers	detail	120	12.6%	1.996	2.31	\$26.91	\$29.63	\$61,620	4.0%
11-3121	Human Resources Managers	detail	100	9.8%	1.675	1.69	\$28.74	\$31.32	\$65,150	1.8%
11-9021	Construction Managers	detail	240	18.8%	4.010	2.08	\$29.66	\$33.46	\$69,590	5.3%

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11-9032	Education Administrators, Elementary and Secondary School	detail	110	4.0%	1.848	1.02	(4)	(4)	\$74,170	3.4%
11-9039	Education Administrators, All Other	detail	240	2.8%	3.936	13.89	\$46.73	\$46.13	\$95,950	2.5%
11-9041	Architectural and Engineering Managers	detail	40	12.2%	0.718	0.55	\$40.69	\$41.82	\$86,980	3.4%
11-9051	Food Service Managers	detail	230	16.3%	3.902	2.58	\$16.59	\$18.03	\$37,510	3.4%
11-9081	Lodging Managers	detail	60	4.6%	0.921	3.60	\$20.65	\$24.44	\$50,840	5.8%
11-9111	Medical and Health Services Managers	detail	80	10.1%	1.373	0.53	\$38.40	\$41.99	\$87,340	4.0%
11-9141	Property, Real Estate, and Community Association Managers	detail	60	28.5%	1.019	0.73	\$17.90	\$22.75	\$47,320	6.2%
11-9151	Social and Community Service Managers	detail	50	7.8%	0.906	0.87	\$24.76	\$26.98	\$56,130	3.0%
11-9199	Managers, All Other	detail	160	8.3%	2.704	0.85	\$32.56	\$37.69	\$78,400	3.2%
13-0000	Business and Financial Operations Occupations	major	2,240	1.4%	37.242	0.70	\$23.91	\$25.72	\$53,510	4.8%
13-1020	Buyers and Purchasing Agents	broad	190	3.9%	3.105	1.10	\$19.18	\$24.92	\$51,820	8.2%
13-1031	Claims Adjusters, Examiners, and Investigators	detail	100	11.0%	1.619	0.81	\$20.10	\$22.60	\$47,020	6.5%

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13-1041	Compliance Officers	detail	200	0.8%	3.294	1.58	\$30.54	\$31.23	\$64,960	6.4%
13-1051	Cost Estimators	detail	40	18.7%	0.681	0.47	\$29.72	\$30.02	\$62,450	2.7%
13-1071	Human Resources Specialists	detail	210	2.9%	3.557	0.87	\$23.66	\$24.86	\$51,710	3.3%
13-1081	Logisticians	detail	40	0.0%	0.587	0.50	\$32.37	\$32.99	\$68,610	2.6%
13-1111	Management Analysts	detail	150	2.1%	2.425	0.51	\$28.80	\$29.40	\$61,160	4.7%
13-1121	Meeting, Convention, and Event Planners	detail	40	7.6%	0.676	0.89	\$17.19	\$17.01	\$35,370	2.9%
13-1161	Market Research Analysts and Marketing Specialists	detail	50	5.3%	0.834	0.19	\$21.54	\$22.24	\$46,260	2.8%
13-1199	Business Operations Specialists, All Other	detail	290	0.5%	4.840	0.66	\$33.36	\$33.01	\$68,670	2.3%
13-2011	Accountants and Auditors	detail	460	3.4%	7.644	0.88	\$21.49	\$22.94	\$47,720	1.6%
13-2031	Budget Analysts	detail	50	13.4%	0.891	2.44	\$26.76	\$26.36	\$54,830	3.7%
13-2053	Insurance Underwriters	detail	50	4.0%	0.889	1.34	\$17.62	\$19.50	\$40,550	3.1%
13-2072	Loan Officers	detail	60	5.3%	0.986	0.47	\$22.04	\$23.82	\$49,540	2.1%
13-2082	Tax Preparers	detail	70	23.7%	1.130	2.40	\$16.26	\$17.45	\$36,290	12.0%
13-2099	Financial Specialists, All Other	detail	40	2.4%	0.686	0.77	\$34.33	\$34.20	\$71,140	3.4%

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15-0000	Computer and Mathematical Occupations	major	600	4.8%	9.950	0.33	\$22.21	\$24.84	\$51,660	3.3%
15-1121	Computer Systems Analysts	detail	60	6.8%	0.952	0.23	\$24.08	\$25.80	\$53,650	3.8%
15-1142	Network and Computer Systems Administrators	detail	70	7.9%	1.205	0.48	\$24.47	\$27.25	\$56,670	2.9%
15-1151	Computer User Support Specialists	detail	140	13.6%	2.373	0.54	\$15.70	\$17.41	\$36,210	3.1%
15-1152	Computer Network Support Specialists	detail	110	7.0%	1.807	1.44	\$17.34	\$19.01	\$39,530	2.2%
15-1199	Computer Occupations, All Other	detail	110	0.0%	1.750	0.66	\$39.40	\$38.00	\$79,030	2.9%
17-0000	Architecture and Engineering Occupations	major	940	3.8%	15.638	0.89	\$26.51	\$29.00	\$60,330	3.1%
17-1011	Architects, Except Landscape and Naval	detail	50	21.4%	0.771	1.07	\$36.29	\$42.80	\$89,020	6.5%
17-2051	Civil Engineers	detail	280	8.7%	4.620	2.19	\$28.45	\$31.29	\$65,070	4.0%
17-2071	Electrical Engineers	detail	70	9.3%	1.135	0.88	\$29.94	\$30.99	\$64,460	5.4%
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	detail	40	13.4%	0.670	3.70	\$29.60	\$35.03	\$72,870	4.0%
17-2141	Mechanical Engineers	detail	50	34.7%	0.765	0.36	\$23.37	\$28.98	\$60,280	8.6%

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17-3011	Architectural and Civil Drafters	detail	90	28.7%	1.547	2.29	\$20.77	\$20.33	\$42,290	4.8%
17-3029	Engineering Technicians, Except Drafters, All Other	detail	80	1.7%	1.291	2.24	\$24.32	\$23.65	\$49,190	2.6%
19-0000	Life, Physical, and Social Science Occupations	major	390	1.3%	6.523	0.81	\$23.88	\$26.84	\$55,820	1.5%
19-2041	Environmental Scientists and Specialists, Including Health	detail	40	0.0%	0.588	1.06	\$28.17	\$29.13	\$60,590	2.0%
19-3051	Urban and Regional Planners	detail	50	0.0%	0.848	3.24	\$30.42	\$31.18	\$64,850	2.0%
19-4021	Biological Technicians	detail	80	0.0%	1.318	2.46	\$18.21	\$18.20	\$37,850	2.5%
21-0000	Community and Social Service Occupations	major	710	3.3%	11.865	0.79	\$22.06	\$22.30	\$46,370	2.2%
21-1012	Educational, Guidance, School, and Vocational Counselors	detail	150	2.3%	2.495	1.26	\$28.41	\$28.35	\$58,970	2.6%
21-1021	Child, Family, and School Social Workers	detail	80	6.4%	1.280	0.58	\$17.02	\$18.38	\$38,230	2.9%
21-1022	Healthcare Social Workers	detail	60	5.3%	0.921	0.79	\$24.58	\$24.61	\$51,200	2.7%
21-1029	Social Workers, All Other	detail	40	28.4%	0.720	1.81	\$18.64	\$23.17	\$48,190	2.4%
21-1093	Social and Human Service Assistants	detail	90	1.9%	1.569	0.58	\$14.54	\$15.71	\$32,670	2.1%

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23-0000	Legal Occupations	major	250	4.8%	4.079	0.52	\$30.38	\$35.18	\$73,170	6.5%
23-1011	Lawyers	detail	140	8.9%	2.262	0.51	\$50.00	\$48.12	\$100,090	4.1%
23-2011	Paralegals and Legal Assistants	detail	60	6.9%	0.944	0.44	\$18.40	\$20.07	\$41,740	2.2%
25-0000	Education, Training, and Library Occupations	major	4,530	1.2%	75.332	1.24	\$19.59	\$21.82	\$45,390	2.6%
25-2011	Preschool Teachers, Except Special Education	detail	100	17.5%	1.692	0.58	\$11.83	\$15.19	\$31,590	3.6%
25-2012	Kindergarten Teachers, Except Special Education	detail	100	12.0%	1.624	1.79	(4)	(4)	\$46,430	12.8%
25-2021	Elementary School Teachers, Except Special Education	detail	900	2.1%	14.988	1.54	(4)	(4)	\$48,800	2.8%
25-2022	Middle School Teachers, Except Special and Career/Technical Education	detail	530	1.7%	8.732	2.07	(4)	(4)	\$47,540	2.7%
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	detail	600	4.7%	9.949	1.37	(4)	(4)	\$50,460	3.4%
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	detail	150	10.6%	2.410	1.11	(4)	(4)	\$40,890	2.4%
25-3098	Substitute Teachers	detail	530	1.2%	8.797	2.17	\$11.34	\$11.86	\$24,670	4.2%
25-4021	Librarians	detail	60	1.1%	1.029	1.18	\$26.68	\$26.12	\$54,330	2.1%

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25-4031	Library Technicians	detail	(8)	(8)	(8)	(8)	\$16.17	\$15.57	\$32,390	2.3%
25-9031	Instructional Coordinators	detail	170	5.3%	2.839	2.51	\$28.24	\$28.29	\$58,850	3.8%
25-9041	Teacher Assistants	detail	800	4.4%	13.296	1.45	(4)	(4)	\$25,730	2.6%
25-9099	Education, Training, and Library Workers, All Other	detail	70	0.0%	1.120	1.52	\$14.83	\$17.48	\$36,350	2.2%
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	major	550	10.0%	9.158	0.68	\$13.29	\$17.88	\$37,180	4.9%
27-1023	Floral Designers	detail	(8)	(8)	(8)	(8)	\$9.90	\$11.09	\$23,060	8.8%
27-1024	Graphic Designers	detail	70	13.4%	1.243	0.83	\$13.26	\$16.85	\$35,050	15.1%
27-1026	Merchandise Displayers and Window Trimmers	detail	100	29.1%	1.704	1.91	\$9.11	\$9.72	\$20,210	3.6%
27-3031	Public Relations Specialists	detail	30	2.0%	0.509	0.31	\$22.45	\$22.78	\$47,390	2.0%
29-0000	Healthcare Practitioners and Technical Occupations	major	2,200	5.5%	36.631	0.61	\$24.32	\$33.55	\$69,790	3.5%
29-1031	Dietitians and Nutritionists	detail	30	2.7%	0.540	1.21	\$22.82	\$25.66	\$53,360	4.5%
29-1051	Pharmacists	detail	80	27.5%	1.333	0.62	\$56.98	\$55.30	\$115,030	2.2%
29-1061	Anesthesiologists	detail	50	0.0%	0.770	3.59	\$17.95	\$32.73	\$68,070	10.6%
29-1062	Family and General Practitioners	detail	60	35.2%	1.032	1.31	\$87.21	\$89.79	\$186,760	15.2%
29-1123	Physical Therapists	detail	30	11.9%	0.548	0.35	\$29.01	\$29.74	\$61,870	2.8%

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29-1141	Registered Nurses	detail	600	2.9%	9.896	0.49	\$27.56	\$28.38	\$59,030	1.9%
29-2010	Clinical Laboratory Technologists and Technicians	broad	130	7.0%	2.097	0.95	\$22.32	\$23.57	\$49,020	3.1%
29-2021	Dental Hygienists	detail	40	40.2%	0.668	0.45	\$27.57	\$28.24	\$58,750	6.1%
29-2031	Cardiovascular Technologists and Technicians	detail	30	0.0%	0.535	1.37	(8)	(8)	(8)	(8)
29-2034	Radiologic Technologists	detail	80	10.5%	1.363	0.96	\$22.69	\$22.43	\$46,660	3.3%
29-2052	Pharmacy Technicians	detail	120	31.4%	2.036	0.71	\$12.33	\$13.57	\$28,230	2.5%
29-2061	Licensed Practical and Licensed Vocational Nurses	detail	130	8.4%	2.154	0.44	\$16.57	\$16.68	\$34,700	2.3%
29-2071	Medical Records and Health Information Technicians	detail	60	1.3%	0.934	0.65	\$16.63	\$17.15	\$35,660	1.8%
29-9011	Occupational Health and Safety Specialists	detail	120	29.6%	1.938	3.17	\$26.32	\$26.22	\$54,530	1.8%
29-9012	Occupational Health and Safety Technicians	detail	60	2.8%	0.961	7.72	\$12.74	\$15.01	\$31,210	5.6%
31-0000	Healthcare Support Occupations	major	960	6.6%	16.032	0.56	\$12.72	\$13.28	\$27,620	2.4%
31-1014	Nursing Assistants	detail	330	5.8%	5.481	0.55	\$13.51	\$13.11	\$27,270	2.9%
31-9011	Massage Therapists	detail	130	17.5%	2.181	3.00	\$9.91	\$11.91	\$24,760	13.1%
31-9091	Dental Assistants	detail	190	14.7%	3.075	1.30	\$12.86	\$14.60	\$30,360	8.1%

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31-9092	Medical Assistants	detail	190	16.4%	3.150	0.68	\$12.26	\$12.79	\$26,600	3.3%
33-0000	Protective Service Occupations	major	2,420	6.3%	40.169	1.69	\$16.25	\$18.08	\$37,610	5.1%
33-1099	First-Line Supervisors of Protective Service Workers, All Other	detail	90	10.3%	1.443	2.66	\$15.69	\$20.03	\$41,670	4.0%
33-9032	Security Guards	detail	870	16.7%	14.386	1.87	\$9.40	\$9.89	\$20,580	2.8%
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	detail	110	5.6%	1.752	1.76	\$9.57	\$9.98	\$20,760	2.5%
33-9093	Transportation Security Screeners	detail	230	0.0%	3.856	12.33	\$19.08	\$20.79	\$43,240	2.3%
33-9099	Protective Service Workers, All Other	detail	40	0.0%	0.716	0.73	\$10.93	\$12.61	\$26,230	2.3%
35-0000	Food Preparation and Serving Related Occupations	major	6,810	8.5%	113.147	1.22	\$9.42	\$10.24	\$21,300	1.3%
35-1011	Chefs and Head Cooks	detail	360	3.6%	6.021	6.78	\$11.44	\$15.54	\$32,330	5.6%
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	detail	440	13.1%	7.296	1.09	\$11.19	\$11.89	\$24,740	2.2%
35-2011	Cooks, Fast Food	detail	750	35.8%	12.472	3.70	\$9.52	\$9.65	\$20,080	3.2%
35-2012	Cooks, Institution and Cafeteria	detail	100	25.6%	1.644	0.59	\$11.45	\$11.78	\$24,500	3.4%
35-2014	Cooks, Restaurant	detail	920	10.7%	15.317	1.65	\$9.58	\$10.20	\$21,220	2.7%

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35-2015	Cooks, Short Order	detail	130	44.5%	2.177	2.02	\$10.69	\$10.75	\$22,360	4.0%
35-2021	Food Preparation Workers	detail	500	20.7%	8.292	1.47	\$9.34	\$9.90	\$20,590	2.6%
35-3011	Bartenders	detail	170	30.2%	2.809	0.64	\$9.54	\$10.05	\$20,910	4.1%
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	detail	140	32.7%	2.245	0.09	\$9.87	\$10.07	\$20,950	3.1%
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	detail	570	25.7%	9.434	2.88	\$9.41	\$9.63	\$20,040	4.0%
35-3031	Waiters and Waitresses	detail	1,720	10.7%	28.517	1.60	\$9.19	\$9.76	\$20,310	3.3%
35-3041	Food Servers, Nonrestaurant	detail	120	0.0%	2.068	1.12	\$9.11	\$9.60	\$19,980	2.7%
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	detail	130	38.2%	2.179	0.69	\$9.13	\$9.08	\$18,890	3.6%
35-9021	Dishwashers	detail	360	23.7%	6.040	1.73	\$9.12	\$9.04	\$18,800	2.4%
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	detail	340	9.8%	5.702	1.98	\$9.22	\$9.28	\$19,300	2.2%
35-9099	Food Preparation and Serving Related Workers, All Other	detail	30	0.0%	0.560	1.45	\$8.89	\$8.86	\$18,430	3.9%
37-0000	Building and Grounds Cleaning and Maintenance Occupations	major	3,180	5.8%	52.809	1.73	\$9.36	\$10.27	\$21,350	1.2%

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37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	detail	180	7.8%	2.925	2.75	\$11.68	\$14.45	\$30,050	2.7%
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	detail	80	3.8%	1.270	1.81	\$9.28	\$12.94	\$26,910	3.8%
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	detail	1,150	11.1%	19.176	1.29	\$9.29	\$10.31	\$21,450	1.9%
37-2012	Maids and Housekeeping Cleaners	detail	1,220	4.1%	20.288	3.18	\$9.22	\$9.32	\$19,370	1.4%
37-2021	Pest Control Workers	detail	40	12.9%	0.701	1.31	\$11.10	\$12.07	\$25,110	3.7%
37-3011	Landscaping and Groundskeeping Workers	detail	490	21.5%	8.116	1.29	\$9.74	\$10.35	\$21,540	2.2%
39-0000	Personal Care and Service Occupations	major	1,370	6.5%	22.828	0.61	\$9.71	\$10.97	\$22,810	1.3%
39-1021	First-Line Supervisors of Personal Service Workers	detail	90	14.5%	1.426	0.90	\$14.24	\$15.17	\$31,540	2.6%
39-2021	Nonfarm Animal Caretakers	detail	30	38.4%	0.568	0.41	\$10.71	\$11.17	\$23,230	4.1%
39-3031	Ushers, Lobby Attendants, and Ticket Takers	detail	110	44.2%	1.856	2.01	\$9.49	\$9.59	\$19,940	5.6%

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
39-3091	Amusement and Recreation Attendants	detail	180	17.8%	3.013	1.36	\$9.45	\$9.84	\$20,470	2.8%
39-5012	Hairdressers, Hairstylists, and Cosmetologists	detail	130	13.9%	2.186	0.84	\$12.95	\$13.46	\$27,990	2.8%
39-6011	Baggage Porters and Bellhops	detail	80	5.3%	1.256	4.29	\$9.09	\$9.09	\$18,900	2.5%
39-6012	Concierges	detail	180	3.3%	3.002	11.59	\$9.64	\$10.43	\$21,690	1.6%
39-7010	Tour and Travel Guides	broad	180	12.2%	3.005	8.74	\$9.76	\$10.81	\$22,480	2.2%
39-9011	Childcare Workers	detail	100	43.0%	1.615	0.41	\$9.10	\$9.05	\$18,820	4.0%
41-0000	Sales and Related Occupations	major	5,080	5.0%	84.437	0.84	\$9.72	\$11.86	\$24,680	2.2%
41-1011	First-Line Supervisors of Retail Sales Workers	detail	510	12.0%	8.495	1.04	\$12.38	\$13.94	\$29,000	4.9%
41-1012	First-Line Supervisors of Non-Retail Sales Workers	detail	70	38.2%	1.177	0.69	\$14.65	\$17.31	\$36,000	9.8%
41-2011	Cashiers	detail	1,750	6.0%	29.105	1.16	\$9.33	\$9.81	\$20,400	1.2%
41-2021	Counter and Rental Clerks	detail	200	33.3%	3.377	1.15	\$9.17	\$9.60	\$19,960	2.8%
41-2022	Parts Salespersons	detail	100	16.7%	1.654	0.94	\$9.70	\$10.41	\$21,650	3.1%
41-2031	Retail Salespersons	detail	1,800	8.8%	29.890	0.97	\$9.66	\$11.88	\$24,700	4.4%
41-3011	Advertising Sales Agents	detail	30	11.1%	0.563	0.61	\$14.68	\$17.51	\$36,430	5.3%

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
41-3021	Insurance Sales Agents	detail	70	12.2%	1.115	0.41	\$12.78	\$14.53	\$30,220	3.7%
41-3041	Travel Agents	detail	70	29.3%	1.119	2.33	\$12.07	\$15.60	\$32,450	8.8%
41-3099	Sales Representatives, Services, All Other	detail	100	11.6%	1.727	0.24	\$14.53	\$15.74	\$32,730	3.4%
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	detail	270	21.3%	4.541	0.49	\$11.52	\$13.18	\$27,420	5.5%
43-0000	Office and Administrative Support Occupations	major	10,850	1.9%	180.338	1.20	\$12.05	\$14.25	\$29,640	2.1%
43-1011	First-Line Supervisors of Office and Administrative Support Workers	detail	810	3.6%	13.517	1.32	\$18.34	\$19.69	\$40,960	2.2%
43-2011	Switchboard Operators, Including Answering Service	detail	30	4.7%	0.505	1.02	\$10.74	\$13.50	\$28,090	5.7%
43-3011	Bill and Account Collectors	detail	130	10.2%	2.079	1.20	\$12.32	\$13.44	\$27,950	2.5%
43-3021	Billing and Posting Clerks	detail	160	5.0%	2.736	0.84	\$13.32	\$13.56	\$28,200	2.4%
43-3031	Bookkeeping, Accounting, and Auditing Clerks	detail	840	4.0%	13.921	1.32	\$13.27	\$14.23	\$29,600	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
43-3051	Payroll and Timekeeping Clerks	detail	60	5.0%	0.979	0.98	\$16.34	\$16.50	\$34,320	2.4%
43-3061	Procurement Clerks	detail	90	6.4%	1.426	3.03	\$15.84	\$15.92	\$33,100	4.4%
43-3071	Tellers	detail	300	3.5%	5.054	1.56	\$11.71	\$12.31	\$25,610	2.0%
43-4051	Customer Service Representatives	detail	1,540	4.8%	25.578	1.29	\$10.82	\$11.84	\$24,630	1.7%
43-4071	File Clerks	detail	60	26.3%	1.002	1.32	\$10.79	\$11.73	\$24,410	2.9%
43-4081	Hotel, Motel, and Resort Desk Clerks	detail	300	12.0%	4.953	2.75	\$9.29	\$9.53	\$19,830	1.4%
43-4131	Loan Interviewers and Clerks	detail	60	8.5%	1.069	0.69	\$12.40	\$13.26	\$27,590	2.1%
43-4141	New Accounts Clerks	detail	90	14.3%	1.524	5.32	\$14.82	\$15.39	\$32,010	3.1%
43-4151	Order Clerks	detail	40	37.0%	0.643	0.58	\$11.35	\$12.62	\$26,250	10.4%
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	detail	70	2.3%	1.235	1.43	\$15.95	\$17.06	\$35,470	2.1%
43-4171	Receptionists and Information Clerks	detail	330	11.2%	5.559	0.77	\$9.56	\$10.89	\$22,660	2.3%
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	detail	260	6.8%	4.248	4.66	\$18.45	\$19.68	\$40,940	6.4%
43-4199	Information and Record Clerks, All Other	detail	110	0.0%	1.748	1.63	\$20.04	\$20.00	\$41,590	2.6%
43-5011	Cargo and Freight Agents	detail	310	4.0%	5.104	8.00	(8)	(8)	(8)	(8)

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
43-5021	Couriers and Messengers	detail	120	14.0%	1.938	3.70	\$11.37	\$13.01	\$27,070	4.2%
43-5032	Dispatchers, Except Police, Fire, and Ambulance	detail	130	4.7%	2.182	1.58	\$12.76	\$15.19	\$31,610	3.1%
43-5051	Postal Service Clerks	detail	30	0.0%	0.515	0.95	\$28.89	\$24.90	\$51,780	(8)
43-5052	Postal Service Mail Carriers	detail	30	0.0%	0.548	0.23	\$20.96	\$24.20	\$50,340	(8)
43-5061	Production, Planning, and Expediting Clerks	detail	240	6.7%	3.927	1.62	\$21.78	\$21.50	\$44,730	3.6%
43-5071	Shipping, Receiving, and Traffic Clerks	detail	120	14.9%	2.068	0.46	\$14.47	\$15.44	\$32,110	6.6%
43-5081	Stock Clerks and Order Fillers	detail	1,340	8.3%	22.213	1.56	\$9.40	\$10.75	\$22,370	2.6%
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	detail	40	10.9%	0.585	1.29	(8)	(8)	(8)	(8)
43-6011	Executive Secretaries and Executive Administrative Assistants	detail	320	9.1%	5.352	1.36	\$20.55	\$22.13	\$46,020	4.6%
43-6012	Legal Secretaries	detail	60	10.4%	1.034	0.85	\$16.97	\$17.31	\$36,010	4.1%
43-6013	Medical Secretaries	detail	160	11.5%	2.687	0.66	\$11.79	\$13.39	\$27,840	4.4%

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
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	detail	790	4.5%	13.125	0.88	\$15.55	\$16.11	\$33,510	2.2%
43-9011	Computer Operators	detail	80	1.4%	1.378	5.75	\$17.22	\$17.48	\$36,350	1.7%
43-9021	Data Entry Keyers	detail	70	3.6%	1.213	1.00	\$11.85	\$12.52	\$26,040	1.7%
43-9022	Word Processors and Typists	detail	170	0.0%	2.879	7.84	\$14.53	\$14.89	\$30,970	1.5%
43-9041	Insurance Claims and Policy Processing Clerks	detail	50	2.0%	0.773	0.41	\$11.20	\$11.57	\$24,060	3.1%
43-9061	Office Clerks, General	detail	1,190	3.9%	19.756	0.96	\$10.35	\$11.40	\$23,710	1.1%
43-9199	Office and Administrative Support Workers, All Other	detail	70	1.1%	1.124	0.83	\$19.80	\$17.99	\$37,430	2.8%
45-0000	Farming, Fishing, and Forestry Occupations	major	70	0.9%	1.222	0.37	\$11.67	\$13.56	\$28,200	2.5%
47-0000	Construction and Extraction Occupations	major	4,010	5.8%	66.665	1.62	\$14.55	\$15.21	\$31,630	1.7%
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	detail	250	11.1%	4.084	0.99	\$21.28	\$22.74	\$47,310	3.6%
47-2031	Carpenters	detail	780	12.1%	12.979	2.61	\$15.10	\$15.48	\$32,210	1.5%
47-2051	Cement Masons and Concrete Finishers	detail	340	24.9%	5.651	4.39	\$14.48	\$14.92	\$31,040	2.2%

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
47-2061	Construction Laborers	detail	720	15.1%	11.915	1.72	\$10.44	\$11.03	\$22,940	3.0%
47-2073	Operating Engineers and Other Construction Equipment Operators	detail	230	9.4%	3.816	1.44	\$16.26	\$16.58	\$34,490	1.7%
47-2111	Electricians	detail	330	12.2%	5.558	1.23	\$18.05	\$18.52	\$38,530	2.0%
47-2141	Painters, Construction and Maintenance	detail	190	32.5%	3.208	2.03	\$12.37	\$12.86	\$26,740	4.7%
47-2152	Plumbers, Pipefitters, and Steamfitters	detail	210	12.1%	3.490	1.15	\$16.57	\$16.52	\$34,360	3.0%
47-2171	Reinforcing Iron and Rebar Workers	detail	110	25.3%	1.858	14.65	\$15.28	\$15.61	\$32,480	2.0%
47-2211	Sheet Metal Workers	detail	150	15.0%	2.543	2.80	\$16.09	\$16.73	\$34,800	2.1%
47-3013	Helpers--Electricians	detail	110	38.7%	1.898	3.62	\$15.02	\$14.51	\$30,170	8.3%
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	detail	110	12.3%	1.805	4.78	\$10.30	\$10.58	\$22,020	2.5%
47-3019	Helpers, Construction Trades, All Other	detail	60	44.7%	1.024	5.63	\$10.88	\$11.13	\$23,160	4.0%
47-4011	Construction and Building Inspectors	detail	30	0.0%	0.563	0.78	\$19.12	\$20.12	\$41,850	2.7%
47-4041	Hazardous Materials Removal Workers	detail	40	45.2%	0.618	2.03	\$13.57	\$14.33	\$29,820	4.1%

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
49-0000	Installation, Maintenance, and Repair Occupations	major	2,960	3.6%	49.121	1.26	\$14.07	\$16.32	\$33,950	2.6%
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	detail	200	3.6%	3.307	1.01	\$22.91	\$25.50	\$53,030	4.6%
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	detail	130	12.4%	2.222	1.40	\$18.18	\$19.56	\$40,680	5.9%
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	detail	60	20.7%	0.944	5.24	\$11.10	\$11.87	\$24,690	6.2%
49-2098	Security and Fire Alarm Systems Installers	detail	60	1.8%	0.999	2.04	\$14.32	\$16.22	\$33,740	1.7%
49-3021	Automotive Body and Related Repairers	detail	40	41.1%	0.655	0.67	\$12.67	\$12.54	\$26,090	12.4%
49-3023	Automotive Service Technicians and Mechanics	detail	240	7.8%	3.907	0.87	\$13.61	\$13.93	\$28,970	2.1%
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	detail	70	5.2%	1.232	0.67	\$17.48	\$17.43	\$36,260	2.4%
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	detail	210	6.4%	3.487	3.60	\$17.64	\$18.32	\$38,100	2.5%

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
49-3093	Tire Repairers and Changers	detail	40	27.4%	0.725	0.94	\$12.92	\$13.09	\$27,220	5.1%
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	detail	160	9.1%	2.689	1.20	\$17.16	\$18.43	\$38,340	2.9%
49-9041	Industrial Machinery Mechanics	detail	60	0.7%	1.055	0.42	\$24.35	\$23.08	\$48,010	2.5%
49-9043	Maintenance Workers, Machinery	detail	30	15.5%	0.568	1.02	\$14.15	\$15.05	\$31,300	5.9%
49-9052	Telecommunications Line Installers and Repairers	detail	70	17.2%	1.200	1.47	\$14.61	\$16.18	\$33,660	3.8%
49-9071	Maintenance and Repair Workers, General	detail	750	6.0%	12.485	1.31	\$11.34	\$12.54	\$26,080	1.7%
49-9098	Helpers-- Installation, Maintenance, and Repair Workers	detail	390	13.8%	6.429	8.86	\$10.67	\$10.97	\$22,820	2.3%
49-9099	Installation, Maintenance, and Repair Workers, All Other	detail	80	32.4%	1.285	1.18	\$13.55	\$16.45	\$34,220	7.7%
51-0000	Production Occupations	major	1,500	4.6%	24.850	0.39	\$12.48	\$14.98	\$31,150	4.6%
51-1011	First-Line Supervisors of Production and Operating Workers	detail	120	6.5%	1.946	0.45	\$24.77	\$26.00	\$54,090	5.2%
51-3011	Bakers	detail	180	10.4%	3.058	2.46	\$9.29	\$9.96	\$20,720	1.8%

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
51-3021	Butchers and Meat Cutters	detail	150	12.0%	2.536	2.75	\$10.73	\$12.29	\$25,570	5.2%
51-4121	Welders, Cutters, Solderers, and Brazers	detail	150	9.5%	2.505	0.93	\$17.92	\$18.49	\$38,460	2.4%
51-5112	Printing Press Operators	detail	30	14.1%	0.552	0.46	\$13.00	\$12.80	\$26,630	3.5%
51-6011	Laundry and Dry-Cleaning Workers	detail	170	0.5%	2.786	1.89	\$10.03	\$10.43	\$21,690	2.1%
51-8031	Water and Wastewater Treatment Plant and System Operators	detail	90	0.0%	1.501	1.76	\$19.63	\$20.10	\$41,810	2.6%
51-9122	Painters, Transportation Equipment	detail	40	2.8%	0.605	1.57	\$15.27	\$16.75	\$34,840	3.1%
51-9198	Helpers--Production Workers	detail	90	27.2%	1.489	0.62	\$9.97	\$10.57	\$21,980	5.4%
53-0000	Transportation and Material Moving Occupations	major	3,590	5.1%	59.733	0.84	\$11.17	\$14.44	\$30,030	4.3%
53-1048	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	detail	140	11.4%	2.345	0.83	\$16.47	\$18.30	\$38,050	3.5%
53-2021	Air Traffic Controllers	detail	(8)	(8)	(8)	(8)	\$40.82	\$44.76	\$93,100	9.1%
53-3021	Bus Drivers, Transit and Intercity	detail	140	20.0%	2.245	1.87	\$9.50	\$9.99	\$20,770	3.9%

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
53-3022	Bus Drivers, School or Special Client	detail	150	0.0%	2.466	0.71	\$15.87	\$15.93	\$33,130	3.3%
53-3031	Driver/Sales Workers	detail	250	16.8%	4.094	1.43	\$9.62	\$10.54	\$21,920	2.8%
53-3032	Heavy and Tractor-Trailer Truck Drivers	detail	320	10.5%	5.260	0.42	\$13.92	\$13.96	\$29,050	2.4%
53-3033	Light Truck or Delivery Services Drivers	detail	340	12.1%	5.686	0.90	\$10.59	\$11.00	\$22,880	2.0%
53-3041	Taxi Drivers and Chauffeurs	detail	250	25.9%	4.089	2.85	\$9.43	\$10.26	\$21,340	4.5%
53-3099	Motor Vehicle Operators, All Other	detail	30	4.1%	0.522	1.33	\$21.28	\$22.56	\$46,920	2.9%
53-6021	Parking Lot Attendants	detail	(8)	(8)	(8)	(8)	\$9.55	\$9.81	\$20,410	3.3%
53-6031	Automotive and Watercraft Service Attendants	detail	60	35.3%	0.966	1.23	\$9.78	\$11.22	\$23,330	8.3%
53-6051	Transportation Inspectors	detail	50	14.3%	0.814	3.93	\$17.81	\$18.51	\$38,500	11.1%
53-7021	Crane and Tower Operators	detail	50	9.5%	0.788	2.57	\$19.98	\$21.52	\$44,770	5.0%
53-7032	Excavating and Loading Machine and Dragline Operators	detail	130	13.5%	2.156	6.77	\$17.52	\$17.96	\$37,350	4.4%
53-7051	Industrial Truck and Tractor Operators	detail	130	38.8%	2.119	0.51	\$13.31	\$14.22	\$29,590	3.7%
53-7061	Cleaners of Vehicles and Equipment	detail	410	27.3%	6.776	2.59	\$9.35	\$9.78	\$20,350	3.6%

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
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	detail	450	9.0%	7.472	0.37	\$9.88	\$12.28	\$25,540	3.6%
53-7064	Packers and Packagers, Hand	detail	180	27.1%	2.943	0.64	\$9.26	\$9.22	\$19,180	3.1%

[About May 2018 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.

(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 Statistics

Technical Notes for May 2018 OES Estimates

Scope of the survey

The Occupational Employment Statistics (OES) survey is a semiannual survey measuring occupational employment and wage rates for wage and salary workers in nonfarm establishments in the United States. The OES 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 OES 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 State Workforce Agencies collect most of the data. OES estimates are constructed from a sample of about 1.2 million establishments. Each year, two semiannual panels of approximately 180,000 to 200,000 sampled establishments are contacted, one panel in May and the other in November. Responses are obtained by mail, Internet or other electronic means, email, telephone, or personal visit. The May 2018 estimates are based on responses from six semiannual panels collected over a 3-year period: May 2018, November 2017, May 2017, November 2016, May 2016, and November 2015. The unweighted sampled employment of 83 million across all six semiannual panels represents approximately 58 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 71 percent based on establishments and 68 percent based on weighted sampled employment.

The occupational coding system

The OES survey categorizes workers into 810 detailed occupations based on the Office of Management and Budget's 2010 Standard Occupational Classification (SOC) system. Together, these detailed 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 <https://www.bls.gov/soc/>.

The industry coding system

The May 2018 OES estimates use the 2017 North American Industry Classification System (NAICS). For more information about NAICS, see the BLS website at <https://www.bls.gov/bls/naics.htm>.

The OES 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. OES 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 OES 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 OES 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 OES 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 OES 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.

OES receives wage rate data for the federal government, the U.S. Postal Service, and most state governments. For the remaining establishments, the OES survey data are 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. The responding establishments are instructed to report the hourly rate 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.

Estimation methodology

The OES survey is designed to produce estimates by combining six panels of data collected over a 3-year period. Each OES panel contains approximately 180,000 to 200,000 establishments. Recent OES survey panels have a reduced sample; see the “Changes to the May 2018 estimates” section below for more information. The full six-panel sample of nearly 1.2 million establishments allows the production of estimates at detailed levels of geography, industry, and occupation.

Wage updating. Significant reductions in sampling errors are obtained by combining six panels of data, particularly for small geographic areas and occupations. Wages for the current panel need no adjustment. However, wages in the five previous panels need to be updated to the current panel’s reference period.

The OES program uses the BLS Employment Cost Index (ECI) to adjust survey data from prior panels before combining them with the current panel’s data. The wage updating procedure adjusts each detailed occupation’s wage rate, as measured in the earlier panel, according to the average movement of its broader occupational division.

Imputation. Some establishments do not respond for a given panel. For most employers, a “nearest neighbor” hot deck imputation procedure is used to impute missing occupational employment totals. A variant of mean imputation is used to impute missing wage distributions. In some cases, data for nonrespondents are available from earlier panels. In those cases, the older data may be used and aged to represent the current reference period.

Weighting and benchmarking. The sampled establishments are weighted to represent all establishments for the reference period. Weights are further adjusted by the ratio of employment totals (the average of November 2017 and May 2018 employment) from the BLS Quarterly Census of Employment and Wages to employment totals from the OES survey.

Changes to the May 2018 estimates

The OES sample has been reduced in recent survey panels. The November 2017 and May 2018 OES survey panels each had a sample of approximately 186,000 establishments. The May 2017 panel sample consisted of approximately 195,000 establishments, and the November 2016, May 2016, and November 2015 survey panels each consisted of approximately 200,000 establishments.

With the publication of the May 2018 estimates, the OES program has made changes to the metropolitan and nonmetropolitan area data. OES continues to publish data for metropolitan and nonmetropolitan areas that cover the full geography of the United States. However, the level of detail available has been reduced.

Elimination of metropolitan division data. OES no longer publishes data for the metropolitan divisions within the 11 large metropolitan areas that are further broken down into divisions. Data for these 11 areas are available at the Metropolitan Statistical Area (MSA) or New England City and Town Area (NECTA) level only. For a list of metropolitan divisions and the corresponding MSAs/NECTAs, see www.bls.gov/oes/divisions_2018.xlsx.

Consolidation of some nonmetropolitan areas. Some nonmetropolitan areas published in the May 2017 estimates have been combined to form larger nonmetropolitan areas. The May 2018 estimates contain data for 134 nonmetropolitan areas, compared with 167 nonmetropolitan areas in the May 2017 estimates. For a list of the 2018 nonmetropolitan areas, see www.bls.gov/oes/nonmet_2018.xlsx.

A spreadsheet showing all of the new area definitions and names used for the May 2018 OES estimates is available at www.bls.gov/oes/area_definitions_2018.xlsx.

For more information

Answers to frequently asked questions about the OES data are available at https://www.bls.gov/oes/oes_ques.htm. Detailed technical information about the OES survey is available in the Survey Methods and Reliability Statement on the BLS website at https://www.bls.gov/oes/current/methods_statement.pdf.

[May 2018 National Occupational Employment and Wage Estimates](#)

[May 2018 State Occupational Employment and Wage Estimates](#)

[May 2018 Metropolitan and Nonmetropolitan Area Occupational Employment and Wage Estimates](#)

[May 2018 National Industry-Specific Occupational Employment and Wage Estimates](#)

[May 2018 Occupation Profiles](#)

Last Modified Date: March 29, 2019

May 2018 OES Estimates

Occupational Employment Statistics (OES) Survey

Bureau of Labor Statistics, Department of Labor

website: www.bls.gov/oes

phone: 202-691-6569

Not all fields are available for every set of estimates files

Field	Field Description
prim_state	Primary state for the MSA (only on MSA and nonmetropolitan files)
area	State FIPS code, MSA code, or OES-specific nonmetropolitan area code
st	State abbreviation (only on the state file)
state	State name (only on the state file)
area_name	Area name (only on metropolitan and nonmetropolitan area files)
naics	North American Industry Classification System (NAICS) code for the given industry (only on the national industry files)
naics_title	North American Industry Classification System (NAICS) title for the given industry (only on the national industry files)
ownership	Ownership type (only on the industry and ownership level files). Files without an ownership field will always represent private, federal, state, and local government ownerships combined.
occ_code	The 6-digit Standard Occupational Classification (SOC) code or OES-specific code for the occupation
occ_title	Standard Occupational Classification title or OES-specific title for the occupation
occ_group	Shows the SOC occupation level: "total"=total of all occupations; "major"=SOC major group; "minor"=SOC minor group; "broad"=SOC broad occupation; "detailed"=SOC detailed occupation
tot_emp	Estimated total employment rounded to the nearest 10 (excludes self-employed)
emp_prse	Percent relative standard error (RSE) for the employment. Relative standard error is a measure of the reliability of a statistic; the smaller the relative standard error, the more precise the estimate.
pct_total	Percent of industry employment in the given occupation (only on the national industry files). Percents may not total to 100 due to occupational data not published separately.
pct_rpt	Percent of establishments reporting the given occupation in the given industry (only on the national industry files)
jobs_1000	The number of jobs (employment) in the given occupation per 1,000 jobs in the given area (only on the statewide, metropolitan, and nonmetropolitan area files)
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 on the state, metropolitan, and nonmetropolitan statistical area files.)
h_mean	Mean hourly wage
a_mean	Mean annual wage
mean_prse	Percent relative standard error (RSE) for the mean wage. Relative standard error is a measure of the reliability of a statistic; the smaller the relative standard error, the more precise the estimate.
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 the annual wages are released. The OES 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	dancers, and musicians and singers, are paid hourly and generally don't work a standard 2,080 hour work year.

Notes:

* = indicates that a wage estimate is not available

** = indicates that an employment estimate is not available

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

~ = indicates that the percent of establishments reporting the occupation is less than 0.5%

OCC_CODE	OCC_TITLE	OCC_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	60,170	1.5	1000.000	1.00	17.57	36,550	2.5	8.92	9.47	13.00	20.85	31.39	18,550	19,710	27,040	43,370	65,300
11-0000	Management Occupations	major	4,950	2.7	82.233	1.56	33.60	69,890	2.5	14.22	19.56	28.72	41.00	57.61	29,580	40,670	59,750	85,290	119,840
11-1011	Chief Executives	detailed	270	9.9	4.532	3.35	67.55	140,510	9.8	17.99	33.15	57.06	87.95	#	37,430	68,950	118,680	182,940	#
11-1021	General and Operations Managers	detailed	1,500	6.5	25.005	1.58	30.85	64,160	3.4	12.87	17.46	25.78	37.77	54.99	26,780	36,320	53,620	78,560	114,370
11-2021	Marketing Managers	detailed	80	7.6	1.369	0.82	29.16	60,640	2.8	16.91	20.75	26.65	35.33	46.38	35,180	43,150	55,440	73,480	96,460
11-2022	Sales Managers	detailed	240	8.3	3.907	1.49	28.15	58,550	4.0	12.27	18.74	24.56	32.16	45.23	25,510	38,980	51,080	66,900	94,080
11-3011	Administrative Services Managers	detailed	690	4.2	11.503	5.87	28.14	58,520	1.7	15.82	19.89	25.77	33.33	44.46	32,910	41,370	53,600	69,320	92,480
11-3021	Computer and Information Systems Managers	detailed	80	3.8	1.298	0.48	40.15	83,520	2.9	21.18	27.68	36.61	47.01	62.01	44,050	57,580	76,160	97,770	128,990
11-3031	Financial Managers	detailed	330	3.9	5.485	1.31	35.64	74,130	1.8	18.31	24.86	32.12	44.22	57.31	38,090	51,720	66,820	91,980	119,200
11-3051	Industrial Production Managers	detailed	40	45.1	0.686	0.55	39.17	81,470	4.9	26.47	33.77	37.62	42.37	48.74	55,050	70,240	78,240	88,130	101,380
11-3061	Purchasing Managers	detailed	40	8.1	0.745	1.55	27.59	57,380	6.3	9.73	16.38	24.42	35.07	52.14	20,240	34,070	50,800	72,950	108,440
11-3071	Transportation, Storage, and Distribution Managers	detailed	120	12.6	1.996	2.31	29.63	61,620	4.0	13.89	17.65	26.91	37.92	54.26	28,890	36,720	55,970	78,880	112,850
11-3121	Human Resources Managers	detailed	100	9.8	1.675	1.69	31.32	65,150	1.8	18.26	22.84	28.74	39.40	49.39	37,970	47,510	59,780	81,950	102,740
11-9021	Construction Managers	detailed	240	18.8	4.010	2.08	33.46	69,590	5.3	13.46	18.14	29.66	42.04	59.76	27,990	37,740	61,690	87,440	124,300
11-9032	Education Administrators, Elementary and Secondary School	detailed	110	4.0	1.848	1.02	*	74,170	3.4	*	*	*	*	*	53,660	67,320	74,960	82,590	96,370
11-9039	Education Administrators, All Other	detailed	240	2.8	3.936	13.89	46.13	95,950	2.5	32.51	38.65	46.73	55.29	61.42	67,610	80,400	97,200	115,010	127,740
11-9041	Architectural and Engineering Managers	detailed	40	12.2	0.718	0.55	41.82	86,980	3.4	21.43	29.29	40.69	55.76	64.44	44,570	60,930	84,630	115,980	134,040
11-9051	Food Service Managers	detailed	230	16.3	3.902	2.58	18.03	37,510	3.4	11.80	13.62	16.59	20.72	24.75	24,540	28,330	34,510	43,090	51,490
11-9081	Lodging Managers	detailed	60	4.6	0.921	3.60	24.44	50,840	5.8	13.23	15.82	20.65	30.79	37.27	27,510	32,900	42,950	64,040	77,530
11-9111	Medical and Health Services Managers	detailed	80	10.1	1.373	0.53	41.99	87,340	4.0	24.93	29.42	38.40	47.47	64.89	51,860	61,190	79,870	98,740	134,980

OCC_CODE	OCC_TITLE	OCC_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
11-9141	Property, Real Estate, and Community Association Managers	detailed	60	28.5	1.019	0.73	22.75	47,320	6.2	12.78	14.68	17.90	29.17	41.95	26,580	30,530	37,220	60,670	87,250
11-9151	Social and Community Service Managers	detailed	50	7.8	0.906	0.87	26.98	56,130	3.0	17.06	20.71	24.76	30.93	38.27	35,490	43,080	51,500	64,340	79,590
11-9199	Managers, All Other	detailed	160	8.3	2.704	0.85	37.69	78,400	3.2	17.80	25.41	32.56	46.15	57.88	37,020	52,860	67,730	95,990	120,400
13-0000	Business and Financial Operations Occupations	major	2,240	1.4	37.242	0.70	25.72	53,510	4.8	13.37	17.28	23.91	32.52	41.16	27,800	35,930	49,730	67,640	85,610
13-1020	Buyers and Purchasing Agents	detailed	190	3.9	3.105	1.10	24.92	51,820	8.2	10.22	13.17	19.18	40.21	46.74	21,260	27,400	39,890	83,640	97,220
13-1031	Claims Adjusters, Examiners, and Investigators	detailed	100	11.0	1.619	0.81	22.60	47,020	6.5	11.07	14.52	20.10	29.44	38.27	23,020	30,190	41,810	61,230	79,600
13-1041	Compliance Officers	detailed	200	0.8	3.294	1.58	31.23	64,960	6.4	16.53	21.87	30.54	41.15	41.16	34,380	45,500	63,530	85,600	85,610
13-1051	Cost Estimators	detailed	40	18.7	0.681	0.47	30.02	62,450	2.7	19.44	24.60	29.72	36.02	40.25	40,440	51,170	61,820	74,910	83,720
13-1071	Human Resources Specialists	detailed	210	2.9	3.557	0.87	24.86	51,710	3.3	15.32	18.62	23.66	29.40	37.78	31,870	38,720	49,210	61,140	78,590
13-1081	Logisticians	detailed	40	0.0	0.587	0.50	32.99	68,610	2.6	18.06	28.38	32.37	41.98	44.75	37,570	59,040	67,330	87,320	93,080
13-1111	Management Analysts	detailed	150	2.1	2.425	0.51	29.40	61,160	4.7	16.61	21.69	28.80	36.45	42.34	34,540	45,120	59,900	75,820	88,070
13-1121	Meeting, Convention, and Event Planners	detailed	40	7.6	0.676	0.89	17.01	35,370	2.9	10.06	12.72	17.19	21.53	24.09	20,930	26,460	35,740	44,790	50,110
13-1161	Market Research Analysts and Marketing Specialists	detailed	50	5.3	0.834	0.19	22.24	46,260	2.8	14.81	17.26	21.54	25.75	32.83	30,810	35,900	44,800	53,560	68,290
13-1199	Business Operations Specialists, All Other	detailed	290	0.5	4.840	0.66	33.01	68,670	2.3	17.42	25.95	33.36	39.98	45.86	36,230	53,970	69,380	83,170	95,390
13-2011	Accountants and Auditors	detailed	460	3.4	7.644	0.88	22.94	47,720	1.6	14.77	17.11	21.49	26.92	32.11	30,730	35,600	44,690	55,980	66,800
13-2031	Budget Analysts	detailed	50	13.4	0.891	2.44	26.36	54,830	3.7	15.90	20.26	26.76	31.78	36.96	33,070	42,130	55,660	66,100	76,880
13-2053	Insurance Underwriters	detailed	50	4.0	0.889	1.34	19.50	40,550	3.1	12.25	13.81	17.62	23.31	30.21	25,490	28,720	36,650	48,490	62,850
13-2072	Loan Officers	detailed	60	5.3	0.986	0.47	23.82	49,540	2.1	15.78	17.66	22.04	27.82	35.40	32,830	36,730	45,840	57,870	73,640
13-2082	Tax Preparers	detailed	70	23.7	1.130	2.40	17.45	36,290	12.0	9.24	10.74	16.26	23.20	29.61	19,210	22,340	33,810	48,260	61,580
13-2099	Financial Specialists, All Other	detailed	40	2.4	0.686	0.77	34.20	71,140	3.4	25.13	30.41	34.33	38.81	43.34	52,270	63,260	71,410	80,720	90,160
15-0000	Computer and Mathematical Occupations	major	600	4.8	9.950	0.33	24.84	51,660	3.3	12.60	15.89	22.21	31.01	42.17	26,210	33,050	46,190	64,500	87,710
15-1121	Computer Systems Analysts	detailed	60	6.8	0.952	0.23	25.80	53,650	3.8	17.79	20.89	24.08	28.49	34.03	37,000	43,460	50,090	59,260	70,790

OCC_CODE	OCC_TITLE	OCC_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
15-1142	Network and Computer Systems Administrators	detailed	70	7.9	1.205	0.48	27.25	56,670	2.9	16.56	20.13	24.47	32.64	41.52	34,450	41,880	50,890	67,880	86,350
15-1151	Computer User Support Specialists	detailed	140	13.6	2.373	0.54	17.41	36,210	3.1	10.77	12.59	15.70	21.82	27.71	22,390	26,180	32,650	45,380	57,640
15-1152	Computer Network Support Specialists	detailed	110	7.0	1.807	1.44	19.01	39,530	2.2	12.39	14.08	17.34	22.41	27.74	25,770	29,280	36,070	46,600	57,710
15-1199	Computer Occupations, All Other	detailed	110	0.0	1.750	0.66	38.00	79,030	2.9	20.04	34.90	39.40	43.91	48.56	41,670	72,580	81,940	91,330	100,990
17-0000	Architecture and Engineering Occupations	major	940	3.8	15.638	0.89	29.00	60,330	3.1	14.36	19.88	26.51	36.30	46.50	29,860	41,340	55,150	75,500	96,710
17-1011	Architects, Except Landscape and Naval	detailed	50	21.4	0.771	1.07	42.80	89,020	6.5	26.24	28.60	36.29	50.34	79.11	54,590	59,490	75,490	104,700	164,550
17-2051	Civil Engineers	detailed	280	8.7	4.620	2.19	31.29	65,070	4.0	18.54	22.46	28.45	37.29	46.93	38,570	46,720	59,180	77,570	97,620
17-2071	Electrical Engineers	detailed	70	9.3	1.135	0.88	30.99	64,460	5.4	16.93	22.01	29.94	38.33	45.39	35,210	45,780	62,280	79,740	94,400
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	detailed	40	13.4	0.670	3.70	35.03	72,870	4.0	20.85	25.46	29.60	50.69	58.78	43,370	52,960	61,560	105,430	122,270
17-2141	Mechanical Engineers	detailed	50	34.7	0.765	0.36	28.98	60,280	8.6	19.72	21.12	23.37	38.01	52.46	41,020	43,920	48,600	79,050	109,130
17-3011	Architectural and Civil Drafters	detailed	90	28.7	1.547	2.29	20.33	42,290	4.8	13.70	16.85	20.77	23.52	27.25	28,500	35,060	43,190	48,920	56,680
17-3029	Engineering Technicians, Except Drafters, All Other	detailed	80	1.7	1.291	2.24	23.65	49,190	2.6	10.01	11.37	24.32	34.34	38.26	20,830	23,660	50,590	71,420	79,590
19-0000	Life, Physical, and Social Science Occupations	major	390	1.3	6.523	0.81	26.84	55,820	1.5	14.72	18.19	23.88	35.27	43.17	30,610	37,840	49,680	73,360	89,790
19-2041	Environmental Scientists and Specialists, Including Health	detailed	40	0.0	0.588	1.06	29.13	60,590	2.0	16.52	18.83	28.17	38.27	45.85	34,350	39,170	58,600	79,590	95,370
19-3051	Urban and Regional Planners	detailed	50	0.0	0.848	3.24	31.18	64,850	2.0	19.67	23.77	30.42	37.73	43.51	40,920	49,450	63,280	78,470	90,490
19-4021	Biological Technicians	detailed	80	0.0	1.318	2.46	18.20	37,850	2.5	13.74	15.78	18.21	20.81	23.26	28,570	32,830	37,880	43,270	48,380
21-0000	Community and Social Service Occupations	major	710	3.3	11.865	0.79	22.30	46,370	2.2	12.60	16.02	22.06	27.68	32.38	26,210	33,320	45,880	57,580	67,340

OCC_CODE	OCC_TITLE	OCC_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
21-1012	Educational, Guidance, School, and Vocational Counselors	detailed	150	2.3	2.495	1.26	28.35	58,970	2.6	20.63	24.22	28.41	32.61	37.77	42,920	50,370	59,090	67,840	78,560
21-1021	Child, Family, and School Social Workers	detailed	80	6.4	1.280	0.58	18.38	38,230	2.9	12.56	13.70	17.02	22.79	27.16	26,130	28,500	35,400	47,400	56,500
21-1022	Healthcare Social Workers	detailed	60	5.3	0.921	0.79	24.61	51,200	2.7	19.71	21.55	24.58	27.89	29.94	41,000	44,830	51,120	58,000	62,280
21-1029	Social Workers, All Other	detailed	40	28.4	0.720	1.81	23.17	48,190	2.4	15.84	16.89	18.64	27.06	39.31	32,960	35,130	38,770	56,290	81,760
21-1093	Social and Human Service Assistants	detailed	90	1.9	1.569	0.58	15.71	32,670	2.1	11.98	13.00	14.54	18.03	22.28	24,920	27,030	30,240	37,500	46,340
23-0000	Legal Occupations	major	250	4.8	4.079	0.52	35.18	73,170	6.5	14.26	18.40	30.38	52.11	60.87	29,670	38,280	63,180	108,390	126,600
23-1011	Lawyers	detailed	140	8.9	2.262	0.51	48.12	100,090	4.1	28.17	34.94	50.00	58.61	68.10	58,590	72,670	104,000	121,910	141,640
23-2011	Paralegals and Legal Assistants	detailed	60	6.9	0.944	0.44	20.07	41,740	2.2	13.68	16.02	18.40	23.30	29.77	28,450	33,310	38,260	48,460	61,920
25-0000	Education, Training, and Library Occupations	major	4,530	1.2	75.332	1.24	21.82	45,390	2.6	10.28	12.12	19.59	27.80	35.34	21,390	25,200	40,740	57,810	73,500
25-2011	Preschool Teachers, Except Special Education	detailed	100	17.5	1.692	0.58	15.19	31,590	3.6	8.99	9.62	11.83	20.71	25.72	18,700	20,010	24,610	43,080	53,490
25-2012	Kindergarten Teachers, Except Special Education	detailed	100	12.0	1.624	1.79	*	46,430	12.8	*	*	*	*	*	21,500	33,960	47,680	59,970	68,940
25-2021	Elementary School Teachers, Except Special Education	detailed	900	2.1	14.988	1.54	*	48,800	2.8	*	*	*	*	*	29,620	39,010	50,150	59,960	65,640
25-2022	Middle School Teachers, Except Special and Career/Technical Education	detailed	530	1.7	8.732	2.07	*	47,540	2.7	*	*	*	*	*	32,370	38,600	47,870	58,000	65,010
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	detailed	600	4.7	9.949	1.37	*	50,460	3.4	*	*	*	*	*	32,440	39,870	49,350	59,720	66,900

OCC_CODE	OCC_TITLE	OCC_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
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	detailed	150	10.6	2.410	1.11	*	40,890	2.4	*	*	*	*	*	21,390	21,400	33,040	49,380	71,910
25-3098	Substitute Teachers	detailed	530	1.2	8.797	2.17	11.86	24,670	4.2	10.04	10.53	11.34	12.16	15.80	20,880	21,900	23,590	25,290	32,870
25-4021	Librarians	detailed	60	1.1	1.029	1.18	26.12	54,330	2.1	11.04	20.46	26.68	31.41	38.09	22,970	42,550	55,500	65,330	79,220
25-4031	Library Technicians	detailed	**	**	**	**	15.57	32,390	2.3	12.04	13.73	16.17	17.89	18.92	25,050	28,560	33,630	37,210	39,360
25-9031	Instructional Coordinators	detailed	170	5.3	2.839	2.51	28.29	58,850	3.8	20.53	24.83	28.24	31.31	37.25	42,700	51,640	58,740	65,130	77,470
25-9041	Teacher Assistants	detailed	800	4.4	13.296	1.45	*	25,730	2.6	*	*	*	*	*	19,640	21,570	24,470	29,570	35,260
25-9099	Education, Training, and Library Workers, All Other	detailed	70	0.0	1.120	1.52	17.48	36,350	2.2	14.34	14.34	14.83	19.80	24.32	29,830	29,840	30,840	41,190	50,590
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	major	550	10.0	9.158	0.68	17.88	37,180	4.9	8.82	9.45	13.29	23.35	32.38	18,350	19,650	27,640	48,580	67,340
27-1023	Floral Designers	detailed	**	**	**	**	11.09	23,060	8.8	8.64	8.96	9.90	13.42	14.81	17,970	18,630	20,600	27,900	30,810
27-1024	Graphic Designers	detailed	70	13.4	1.243	0.83	16.85	35,050	15.1	10.18	11.39	13.26	14.94	22.46	21,170	23,700	27,590	31,070	46,720
27-1026	Merchandise Displayers and Window Trimmers	detailed	100	29.1	1.704	1.91	9.72	20,210	3.6	8.56	8.77	9.11	9.60	11.82	17,810	18,240	18,960	19,960	24,590
27-3031	Public Relations Specialists	detailed	30	2.0	0.509	0.31	22.78	47,390	2.0	11.93	17.59	22.45	26.66	33.47	24,820	36,590	46,700	55,450	69,620
29-0000	Healthcare Practitioners and Technical Occupations	major	2,200	5.5	36.631	0.61	33.55	69,790	3.5	12.66	16.69	24.32	35.30	62.25	26,330	34,710	50,590	73,430	129,480
29-1031	Dietitians and Nutritionists	detailed	30	2.7	0.540	1.21	25.66	53,360	4.5	14.40	16.64	22.82	35.24	38.87	29,950	34,620	47,460	73,300	80,840
29-1051	Pharmacists	detailed	80	27.5	1.333	0.62	55.30	115,030	2.2	39.43	52.02	56.98	62.20	70.60	82,010	108,190	118,510	129,380	146,850
29-1061	Anesthesiologists	detailed	50	0.0	0.770	3.59	32.73	68,070	10.6	16.04	16.76	17.95	19.15	#	33,360	34,850	37,340	39,830	#
29-1062	Family and General Practitioners	detailed	60	35.2	1.032	1.31	89.79	186,760	15.2	32.98	37.44	87.21	#	#	68,610	77,870	181,400	#	#
29-1123	Physical Therapists	detailed	30	11.9	0.548	0.35	29.74	61,870	2.8	25.74	26.96	29.01	31.17	36.98	53,530	56,080	60,340	64,830	76,910
29-1141	Registered Nurses	detailed	600	2.9	9.896	0.49	28.38	59,030	1.9	19.88	22.53	27.56	33.54	39.10	41,350	46,860	57,320	69,770	81,320
29-2010	Clinical Laboratory Technologists and Technicians	detailed	130	7.0	2.097	0.95	23.57	49,020	3.1	13.96	17.17	22.32	29.51	36.49	29,030	35,710	46,420	61,390	75,900
29-2021	Dental Hygienists	detailed	40	40.2	0.668	0.45	28.24	58,750	6.1	17.19	21.83	27.57	34.10	38.81	35,750	45,410	57,350	70,920	80,720

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29-2031	Cardiovascular Technologists and Technicians	detailed	30	0.0	0.535	1.37	*	*	*	*	*	*	*	*	*	*	*	*	*
29-2034	Radiologic Technologists	detailed	80	10.5	1.363	0.96	22.43	46,660	3.3	11.14	14.04	22.69	30.15	35.38	23,170	29,200	47,190	62,700	73,590
29-2052	Pharmacy Technicians	detailed	120	31.4	2.036	0.71	13.57	28,230	2.5	9.77	10.63	12.33	16.03	18.40	20,320	22,100	25,650	33,330	38,260
29-2061	Licensed Practical and Licensed Vocational Nurses	detailed	130	8.4	2.154	0.44	16.68	34,700	2.3	12.33	14.16	16.57	18.68	22.66	25,640	29,440	34,470	38,850	47,130
29-2071	Medical Records and Health Information Technicians	detailed	60	1.3	0.934	0.65	17.15	35,660	1.8	11.41	13.38	16.63	20.87	23.26	23,740	27,840	34,600	43,410	48,380
29-9011	Occupational Health and Safety Specialists	detailed	120	29.6	1.938	3.17	26.22	54,530	1.8	16.55	20.65	26.32	30.26	37.11	34,410	42,960	54,740	62,930	77,190
29-9012	Occupational Health and Safety Technicians	detailed	60	2.8	0.961	7.72	15.01	31,210	5.6	9.25	10.27	12.74	17.26	24.23	19,240	21,360	26,500	35,900	50,390
31-0000	Healthcare Support Occupations	major	960	6.6	16.032	0.56	13.28	27,620	2.4	9.26	10.27	12.72	14.83	18.60	19,260	21,370	26,460	30,850	38,680
31-1014	Nursing Assistants	detailed	330	5.8	5.481	0.55	13.11	27,270	2.9	9.61	11.91	13.51	14.70	15.52	20,000	24,780	28,110	30,580	32,280
31-9011	Massage Therapists	detailed	130	17.5	2.181	3.00	11.91	24,760	13.1	8.86	9.22	9.91	11.76	21.62	18,420	19,180	20,620	24,450	44,980
31-9091	Dental Assistants	detailed	190	14.7	3.075	1.30	14.60	30,360	8.1	9.07	10.13	12.86	17.75	23.91	18,860	21,070	26,750	36,930	49,740
31-9092	Medical Assistants	detailed	190	16.4	3.150	0.68	12.79	26,600	3.3	9.46	10.51	12.26	14.46	17.66	19,670	21,850	25,500	30,080	36,730
33-0000	Protective Service Occupations	major	2,420	6.3	40.169	1.69	18.08	37,610	5.1	9.08	9.56	16.25	23.64	30.51	18,890	19,880	33,790	49,170	63,470
33-1099	First-Line Supervisors of Protective Service Workers, All Other	detailed	90	10.3	1.443	2.66	20.03	41,670	4.0	10.07	11.46	15.69	26.58	34.98	20,940	23,840	32,640	55,290	72,760
33-9032	Security Guards	detailed	870	16.7	14.386	1.87	9.89	20,580	2.8	8.82	9.09	9.40	9.80	11.54	18,340	18,900	19,560	20,380	24,000
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	detailed	110	5.6	1.752	1.76	9.98	20,760	2.5	8.91	9.17	9.57	10.57	11.95	18,530	19,070	19,910	21,990	24,860
33-9093	Transportation Security Screeners	detailed	230	0.0	3.856	12.33	20.79	43,240	2.3	18.09	18.27	19.08	22.80	27.17	37,630	37,990	39,690	47,430	56,520
33-9099	Protective Service Workers, All Other	detailed	40	0.0	0.716	0.73	12.61	26,230	2.3	8.95	9.44	10.93	14.26	19.80	18,620	19,630	22,730	29,670	41,190
35-0000	Food Preparation and Serving Related Occupations	major	6,810	8.5	113.147	1.22	10.24	21,300	1.3	8.74	9.03	9.42	10.12	12.28	18,180	18,790	19,590	21,050	25,530

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35-1011	Chefs and Head Cooks	detailed	360	3.6	6.021	6.78	15.54	32,330	5.6	9.17	9.63	11.44	16.24	27.98	19,080	20,040	23,800	33,780	58,190
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	detailed	440	13.1	7.296	1.09	11.89	24,740	2.2	9.27	10.13	11.19	12.29	16.47	19,290	21,080	23,280	25,560	34,260
35-2011	Cooks, Fast Food	detailed	750	35.8	12.472	3.70	9.65	20,080	3.2	9.05	9.23	9.52	9.83	10.05	18,830	19,200	19,800	20,440	20,890
35-2012	Cooks, Institution and Cafeteria	detailed	100	25.6	1.644	0.59	11.78	24,500	3.4	9.94	10.51	11.45	12.38	14.72	20,670	21,860	23,810	25,750	30,620
35-2014	Cooks, Restaurant	detailed	920	10.7	15.317	1.65	10.20	21,220	2.7	8.77	9.08	9.58	11.09	12.79	18,240	18,880	19,930	23,070	26,590
35-2015	Cooks, Short Order	detailed	130	44.5	2.177	2.02	10.75	22,360	4.0	9.40	9.89	10.69	11.54	12.09	19,540	20,580	22,240	23,990	25,140
35-2021	Food Preparation Workers	detailed	500	20.7	8.292	1.47	9.90	20,590	2.6	8.62	8.93	9.34	10.15	11.92	17,920	18,570	19,420	21,120	24,800
35-3011	Bartenders	detailed	170	30.2	2.809	0.64	10.05	20,910	4.1	8.87	9.14	9.54	10.22	12.95	18,460	19,000	19,840	21,270	26,940
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	detailed	140	32.7	2.245	0.09	10.07	20,950	3.1	8.77	9.17	9.87	10.95	11.64	18,230	19,060	20,530	22,770	24,210
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	detailed	570	25.7	9.434	2.88	9.63	20,040	4.0	8.80	9.05	9.41	9.84	11.15	18,300	18,830	19,580	20,460	23,190
35-3031	Waiters and Waitresses	detailed	1,720	10.7	28.517	1.60	9.76	20,310	3.3	8.64	8.88	9.19	9.55	11.02	17,970	18,470	19,120	19,870	22,930
35-3041	Food Servers, Nonrestaurant	detailed	120	0.0	2.068	1.12	9.60	19,980	2.7	8.53	8.77	9.11	9.57	12.07	17,750	18,230	18,940	19,900	25,110
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	detailed	130	38.2	2.179	0.69	9.08	18,890	3.6	8.58	8.81	9.13	9.40	9.79	17,850	18,310	18,980	19,550	20,370
35-9021	Dishwashers	detailed	360	23.7	6.040	1.73	9.04	18,800	2.4	8.64	8.84	9.12	9.38	9.58	17,980	18,390	18,970	19,510	19,920
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	detailed	340	9.8	5.702	1.98	9.28	19,300	2.2	8.71	8.93	9.22	9.51	9.84	18,110	18,560	19,170	19,770	20,470
35-9099	Food Preparation and Serving Related Workers, All Other	detailed	30	0.0	0.560	1.45	8.86	18,430	3.9	8.45	8.63	8.89	9.15	9.36	17,580	17,950	18,490	19,040	19,470
37-0000	Building and Grounds Cleaning and Maintenance Occupations	major	3,180	5.8	52.809	1.73	10.27	21,350	1.2	8.68	8.98	9.36	10.11	12.69	18,050	18,670	19,480	21,030	26,400

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37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	detailed	180	7.8	2.925	2.75	14.45	30,050	2.7	9.22	10.23	11.68	16.90	24.28	19,170	21,280	24,290	35,160	50,500
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	detailed	80	3.8	1.270	1.81	12.94	26,910	3.8	8.70	8.92	9.28	10.94	19.05	18,090	18,550	19,310	22,760	39,620
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	detailed	1,150	11.1	19.176	1.29	10.31	21,450	1.9	8.63	8.89	9.29	10.48	14.19	17,940	18,500	19,320	21,800	29,520
37-2012	Maids and Housekeeping Cleaners	detailed	1,220	4.1	20.288	3.18	9.32	19,370	1.4	8.63	8.91	9.22	9.58	9.99	17,960	18,530	19,170	19,920	20,770
37-2021	Pest Control Workers	detailed	40	12.9	0.701	1.31	12.07	25,110	3.7	9.21	9.88	11.10	13.03	16.68	19,150	20,560	23,090	27,100	34,700
37-3011	Landscaping and Groundskeeping Workers	detailed	490	21.5	8.116	1.29	10.35	21,540	2.2	8.97	9.26	9.74	11.08	12.50	18,660	19,270	20,250	23,050	26,000
39-0000	Personal Care and Service Occupations	major	1,370	6.5	22.828	0.61	10.97	22,810	1.3	8.81	9.13	9.71	12.00	14.87	18,330	18,990	20,200	24,970	30,940
39-1021	First-Line Supervisors of Personal Service Workers	detailed	90	14.5	1.426	0.90	15.17	31,540	2.6	10.30	11.97	14.24	18.15	22.27	21,420	24,890	29,620	37,760	46,310
39-2021	Nonfarm Animal Caretakers	detailed	30	38.4	0.568	0.41	11.17	23,230	4.1	9.42	9.91	10.71	11.51	13.74	19,600	20,620	22,270	23,930	28,580
39-3031	Ushers, Lobby Attendants, and Ticket Takers	detailed	110	44.2	1.856	2.01	9.59	19,940	5.6	8.97	9.16	9.49	9.81	10.88	18,650	19,060	19,730	20,390	22,630
39-3091	Amusement and Recreation Attendants	detailed	180	17.8	3.013	1.36	9.84	20,470	2.8	8.84	9.07	9.45	9.90	11.56	18,380	18,870	19,660	20,600	24,040
39-5012	Hairdressers, Hairstylists, and Cosmetologists	detailed	130	13.9	2.186	0.84	13.46	27,990	2.8	10.67	11.61	12.95	14.85	17.41	22,180	24,150	26,930	30,890	36,220
39-6011	Baggage Porters and Bellhops	detailed	80	5.3	1.256	4.29	9.09	18,900	2.5	8.57	8.78	9.09	9.39	9.76	17,830	18,270	18,900	19,530	20,290
39-6012	Concierges	detailed	180	3.3	3.002	11.59	10.43	21,690	1.6	8.73	9.09	9.64	11.52	13.47	18,160	18,910	20,060	23,950	28,010
39-7010	Tour and Travel Guides	detailed	180	12.2	3.005	8.74	10.81	22,480	2.2	8.83	9.14	9.76	11.36	13.97	18,370	19,010	20,290	23,620	29,050
39-9011	Childcare Workers	detailed	100	43.0	1.615	0.41	9.05	18,820	4.0	8.63	8.83	9.10	9.36	9.56	17,960	18,370	18,920	19,480	19,890

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41-0000	Sales and Related Occupations	major	5,080	5.0	84.437	0.84	11.86	24,680	2.2	8.80	9.10	9.72	12.28	16.48	18,300	18,930	20,210	25,540	34,270
41-1011	First-Line Supervisors of Retail Sales Workers	detailed	510	12.0	8.495	1.04	13.94	29,000	4.9	9.87	10.75	12.38	16.03	20.47	20,540	22,360	25,750	33,340	42,580
41-1012	First-Line Supervisors of Non-Retail Sales Workers	detailed	70	38.2	1.177	0.69	17.31	36,000	9.8	12.55	13.34	14.65	17.13	29.54	26,090	27,740	30,480	35,630	61,440
41-2011	Cashiers	detailed	1,750	6.0	29.105	1.16	9.81	20,400	1.2	8.75	8.97	9.33	10.02	11.88	18,190	18,650	19,400	20,830	24,720
41-2021	Counter and Rental Clerks	detailed	200	33.3	3.377	1.15	9.60	19,960	2.8	8.60	8.86	9.17	9.60	11.39	17,890	18,420	19,080	19,970	23,680
41-2022	Parts Salespersons	detailed	100	16.7	1.654	0.94	10.41	21,650	3.1	8.92	9.21	9.70	11.26	12.54	18,560	19,150	20,170	23,420	26,080
41-2031	Retail Salespersons	detailed	1,800	8.8	29.890	0.97	11.88	24,700	4.4	8.77	9.07	9.66	12.41	15.97	18,230	18,860	20,090	25,820	33,210
41-3011	Advertising Sales Agents	detailed	30	11.1	0.563	0.61	17.51	36,430	5.3	9.00	9.75	14.68	20.68	28.02	18,720	20,290	30,540	43,020	58,280
41-3021	Insurance Sales Agents	detailed	70	12.2	1.115	0.41	14.53	30,220	3.7	9.27	10.47	12.78	16.87	22.69	19,280	21,780	26,580	35,090	47,190
41-3041	Travel Agents	detailed	70	29.3	1.119	2.33	15.60	32,450	8.8	9.68	10.59	12.07	18.94	28.58	20,130	22,030	25,100	39,380	59,450
41-3099	Sales Representatives, Services, All Other	detailed	100	11.6	1.727	0.24	15.74	32,730	3.4	9.61	11.27	14.53	20.21	23.67	20,000	23,440	30,220	42,030	49,230
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	detailed	270	21.3	4.541	0.49	13.18	27,420	5.5	9.02	9.78	11.52	14.50	20.20	18,770	20,340	23,960	30,170	42,010
43-0000	Office and Administrative Support Occupations	major	10,850	1.9	180.338	1.20	14.25	29,640	2.1	8.92	9.55	12.05	17.17	23.48	18,560	19,850	25,070	35,710	48,840
43-1011	First-Line Supervisors of Office and Administrative Support Workers	detailed	810	3.6	13.517	1.32	19.69	40,960	2.2	10.66	13.77	18.34	24.69	30.56	22,160	28,640	38,140	51,350	63,570
43-2011	Switchboard Operators, Including Answering Service	detailed	30	4.7	0.505	1.02	13.50	28,090	5.7	8.64	9.02	10.74	18.65	21.20	17,980	18,760	22,330	38,800	44,100
43-3011	Bill and Account Collectors	detailed	130	10.2	2.079	1.20	13.44	27,950	2.5	9.65	10.62	12.32	15.06	18.81	20,070	22,090	25,620	31,310	39,120
43-3021	Billing and Posting Clerks	detailed	160	5.0	2.736	0.84	13.56	28,200	2.4	9.43	10.73	13.32	15.52	18.54	19,610	22,320	27,710	32,280	38,560

OCC_CODE	OCC_TITLE	OCC_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
43-3031	Bookkeeping, Accounting, and Auditing Clerks	detailed	840	4.0	13.921	1.32	14.23	29,600	1.5	9.43	10.72	13.27	17.13	20.32	19,620	22,300	27,610	35,620	42,260
43-3051	Payroll and Timekeeping Clerks	detailed	60	5.0	0.979	0.98	16.50	34,320	2.4	10.86	13.05	16.34	19.73	22.95	22,600	27,130	33,980	41,040	47,740
43-3061	Procurement Clerks	detailed	90	6.4	1.426	3.03	15.92	33,100	4.4	9.28	10.57	15.84	20.87	23.26	19,300	21,990	32,960	43,410	48,390
43-3071	Tellers	detailed	300	3.5	5.054	1.56	12.31	25,610	2.0	9.40	10.25	11.71	13.69	15.70	19,540	21,320	24,360	28,470	32,660
43-4051	Customer Service Representatives	detailed	1,540	4.8	25.578	1.29	11.84	24,630	1.7	8.72	9.17	10.82	13.54	16.65	18,140	19,080	22,510	28,160	34,620
43-4071	File Clerks	detailed	60	26.3	1.002	1.32	11.73	24,410	2.9	8.96	9.57	10.79	12.66	15.60	18,630	19,900	22,440	26,320	32,440
43-4081	Hotel, Motel, and Resort Desk Clerks	detailed	300	12.0	4.953	2.75	9.53	19,830	1.4	8.70	8.95	9.29	9.74	11.20	18,090	18,610	19,320	20,260	23,300
43-4131	Loan Interviewers and Clerks	detailed	60	8.5	1.069	0.69	13.26	27,590	2.1	9.92	10.90	12.40	14.48	17.81	20,630	22,660	25,800	30,120	37,040
43-4141	New Accounts Clerks	detailed	90	14.3	1.524	5.32	15.39	32,010	3.1	10.60	12.22	14.82	17.87	21.60	22,050	25,410	30,830	37,170	44,930
43-4151	Order Clerks	detailed	40	37.0	0.643	0.58	12.62	26,250	10.4	9.48	10.28	11.35	12.46	18.16	19,720	21,370	23,610	25,910	37,770
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	detailed	70	2.3	1.235	1.43	17.06	35,470	2.1	9.14	11.53	15.95	19.91	27.11	19,010	23,980	33,170	41,400	56,390
43-4171	Receptionists and Information Clerks	detailed	330	11.2	5.559	0.77	10.89	22,660	2.3	8.78	9.08	9.56	11.88	14.84	18,270	18,880	19,880	24,700	30,870
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	detailed	260	6.8	4.248	4.66	19.68	40,940	6.4	8.91	9.43	18.45	29.23	31.32	18,540	19,610	38,380	60,800	65,150
43-4199	Information and Record Clerks, All Other	detailed	110	0.0	1.748	1.63	20.00	41,590	2.6	13.41	16.26	20.04	23.20	25.85	27,880	33,830	41,670	48,260	53,770
43-5011	Cargo and Freight Agents	detailed	310	4.0	5.104	8.00	*	*	*	*	*	*	*	*	*	*	*	*	*
43-5021	Couriers and Messengers	detailed	120	14.0	1.938	3.70	13.01	27,070	4.2	9.04	9.75	11.37	14.12	17.80	18,790	20,290	23,650	29,380	37,020
43-5032	Dispatchers, Except Police, Fire, and Ambulance	detailed	130	4.7	2.182	1.58	15.19	31,610	3.1	9.18	9.78	12.76	19.31	23.87	19,080	20,330	26,540	40,160	49,650
43-5051	Postal Service Clerks	detailed	30	0.0	0.515	0.95	24.90	51,780	*	19.64	21.49	28.89	28.90	28.90	40,850	44,700	60,090	60,100	60,110
43-5052	Postal Service Mail Carriers	detailed	30	0.0	0.548	0.23	24.20	50,340	*	17.78	19.31	20.96	30.05	30.05	36,990	40,160	43,590	62,490	62,500
43-5061	Production, Planning, and Expediting Clerks	detailed	240	6.7	3.927	1.62	21.50	44,730	3.6	12.18	15.57	21.78	27.04	31.04	25,340	32,370	45,300	56,250	64,570

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43-5071	Shipping, Receiving, and Traffic Clerks	detailed	120	14.9	2.068	0.46	15.44	32,110	6.6	9.05	10.38	14.47	21.27	21.28	18,820	21,600	30,100	44,240	44,260
43-5081	Stock Clerks and Order Fillers	detailed	1,340	8.3	22.213	1.56	10.75	22,370	2.6	8.66	8.95	9.40	10.99	16.03	18,020	18,620	19,560	22,850	33,350
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	detailed	40	10.9	0.585	1.29	*	*	*	*	*	*	*	*	*	*	*	*	*
43-6011	Executive Secretaries and Executive Administrative Assistants	detailed	320	9.1	5.352	1.36	22.13	46,020	4.6	11.50	15.38	20.55	27.27	36.16	23,920	31,990	42,750	56,730	75,210
43-6012	Legal Secretaries	detailed	60	10.4	1.034	0.85	17.31	36,010	4.1	12.06	14.40	16.97	19.04	24.35	25,090	29,950	35,290	39,600	50,650
43-6013	Medical Secretaries	detailed	160	11.5	2.687	0.66	13.39	27,840	4.4	9.40	10.31	11.79	15.59	19.93	19,550	21,450	24,520	32,430	41,460
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	detailed	790	4.5	13.125	0.88	16.11	33,510	2.2	9.73	11.84	15.55	19.16	23.71	20,240	24,620	32,350	39,850	49,310
43-9011	Computer Operators	detailed	80	1.4	1.378	5.75	17.48	36,350	1.7	13.12	14.51	17.22	19.94	23.61	27,290	30,180	35,810	41,470	49,110
43-9021	Data Entry Keyers	detailed	70	3.6	1.213	1.00	12.52	26,040	1.7	9.75	10.54	11.85	13.97	16.89	20,280	21,930	24,650	29,060	35,130
43-9022	Word Processors and Typists	detailed	170	0.0	2.879	7.84	14.89	30,970	1.5	9.83	12.11	14.53	17.60	20.18	20,440	25,180	30,220	36,620	41,970
43-9041	Insurance Claims and Policy Processing Clerks	detailed	50	2.0	0.773	0.41	11.57	24,060	3.1	8.88	9.87	11.20	13.17	14.81	18,470	20,520	23,300	27,400	30,810
43-9061	Office Clerks, General	detailed	1,190	3.9	19.756	0.96	11.40	23,710	1.1	8.83	9.22	10.35	12.62	15.34	18,370	19,180	21,530	26,240	31,900
43-9199	Office and Administrative Support Workers, All Other	detailed	70	1.1	1.124	0.83	17.99	37,430	2.8	9.79	13.71	19.80	21.47	23.87	20,360	28,510	41,190	44,660	49,640
45-0000	Farming, Fishing, and Forestry Occupations	major	70	0.9	1.222	0.37	13.56	28,200	2.5	9.32	9.93	11.67	15.31	21.58	19,370	20,650	24,270	31,840	44,890
47-0000	Construction and Extraction Occupations	major	4,010	5.8	66.665	1.62	15.21	31,630	1.7	9.66	12.10	14.55	17.51	20.98	20,090	25,170	30,260	36,430	43,630
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	detailed	250	11.1	4.084	0.99	22.74	47,310	3.6	15.51	17.58	21.28	26.82	32.53	32,250	36,570	44,260	55,790	67,660
47-2031	Carpenters	detailed	780	12.1	12.979	2.61	15.48	32,210	1.5	12.81	13.66	15.10	17.21	18.80	26,640	28,420	31,410	35,800	39,100

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47-2051	Cement Masons and Concrete Finishers	detailed	340	24.9	5.651	4.39	14.92	31,040	2.2	12.78	13.42	14.48	15.54	17.76	26,580	27,910	30,130	32,320	36,930
47-2061	Construction Laborers	detailed	720	15.1	11.915	1.72	11.03	22,940	3.0	8.79	9.22	10.44	12.39	14.48	18,280	19,180	21,720	25,770	30,120
47-2073	Operating Engineers and Other Construction Equipment Operators	detailed	230	9.4	3.816	1.44	16.58	34,490	1.7	12.88	14.20	16.26	18.50	21.44	26,790	29,550	33,810	38,480	44,590
47-2111	Electricians	detailed	330	12.2	5.558	1.23	18.52	38,530	2.0	14.09	16.20	18.05	20.94	24.69	29,300	33,690	37,540	43,560	51,350
47-2141	Painters, Construction and Maintenance	detailed	190	32.5	3.208	2.03	12.86	26,740	4.7	9.88	10.75	12.37	14.34	16.43	20,540	22,350	25,730	29,820	34,160
47-2152	Plumbers, Pipefitters, and Steamfitters	detailed	210	12.1	3.490	1.15	16.52	34,360	3.0	11.20	13.46	16.57	18.69	22.87	23,300	27,990	34,470	38,880	47,560
47-2171	Reinforcing Iron and Rebar Workers	detailed	110	25.3	1.858	14.65	15.61	32,480	2.0	12.94	13.86	15.28	17.23	18.65	26,920	28,830	31,790	35,850	38,790
47-2211	Sheet Metal Workers	detailed	150	15.0	2.543	2.80	16.73	34,800	2.1	12.81	13.93	16.09	18.89	22.91	26,650	28,970	33,460	39,290	47,640
47-3013	Helpers--Electricians	detailed	110	38.7	1.898	3.62	14.51	30,170	8.3	10.25	13.15	15.02	16.67	18.08	21,310	27,350	31,240	34,680	37,610
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	detailed	110	12.3	1.805	4.78	10.58	22,020	2.5	8.69	9.14	10.30	11.62	13.33	18,080	19,010	21,420	24,170	27,720
47-3019	Helpers, Construction Trades, All Other	detailed	60	44.7	1.024	5.63	11.13	23,160	4.0	8.99	9.53	10.88	12.60	14.08	18,710	19,830	22,630	26,200	29,290
47-4011	Construction and Building Inspectors	detailed	30	0.0	0.563	0.78	20.12	41,850	2.7	12.85	13.85	19.12	26.49	30.09	26,730	28,810	39,770	55,100	62,580
47-4041	Hazardous Materials Removal Workers	detailed	40	45.2	0.618	2.03	14.33	29,820	4.1	10.81	12.33	13.57	15.42	18.51	22,470	25,650	28,230	32,070	38,510
49-0000	Installation, Maintenance, and Repair Occupations	major	2,960	3.6	49.121	1.26	16.32	33,950	2.6	9.14	10.71	14.07	19.32	27.86	19,020	22,280	29,270	40,180	57,950
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	detailed	200	3.6	3.307	1.01	25.50	53,030	4.6	12.46	15.10	22.91	34.26	44.67	25,930	31,400	47,650	71,270	92,910
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	detailed	130	12.4	2.222	1.40	19.56	40,680	5.9	12.54	14.12	18.18	24.47	28.46	26,080	29,360	37,820	50,890	59,190
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	detailed	60	20.7	0.944	5.24	11.87	24,690	6.2	8.79	9.57	11.10	13.56	16.74	18,270	19,910	23,090	28,200	34,810

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49-2098	Security and Fire Alarm Systems Installers	detailed	60	1.8	0.999	2.04	16.22	33,740	1.7	9.72	11.65	14.32	18.65	27.28	20,220	24,230	29,790	38,790	56,740
49-3021	Automotive Body and Related Repairers	detailed	40	41.1	0.655	0.67	12.54	26,090	12.4	8.64	9.04	12.67	15.48	17.80	17,970	18,800	26,350	32,190	37,020
49-3023	Automotive Service Technicians and Mechanics	detailed	240	7.8	3.907	0.87	13.93	28,970	2.1	9.27	11.03	13.61	16.61	19.08	19,290	22,940	28,310	34,550	39,690
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	detailed	70	5.2	1.232	0.67	17.43	36,260	2.4	12.56	14.62	17.48	20.20	23.40	26,130	30,410	36,350	42,020	48,680
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	detailed	210	6.4	3.487	3.60	18.32	38,100	2.5	12.70	14.50	17.64	22.12	26.06	26,410	30,150	36,700	46,010	54,200
49-3093	Tire Repairers and Changers	detailed	40	27.4	0.725	0.94	13.09	27,220	5.1	9.45	11.06	12.92	14.47	17.64	19,650	23,000	26,880	30,090	36,690
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	detailed	160	9.1	2.689	1.20	18.43	38,340	2.9	11.37	13.92	17.16	24.33	28.45	23,650	28,950	35,690	50,600	59,180
49-9041	Industrial Machinery Mechanics	detailed	60	0.7	1.055	0.42	23.08	48,010	2.5	14.92	18.86	24.35	28.45	29.41	31,030	39,230	50,640	59,180	61,170
49-9043	Maintenance Workers, Machinery	detailed	30	15.5	0.568	1.02	15.05	31,300	5.9	10.45	11.56	14.15	17.21	22.04	21,740	24,050	29,420	35,800	45,840
49-9052	Telecommunications Line Installers and Repairers	detailed	70	17.2	1.200	1.47	16.18	33,660	3.8	10.42	12.92	14.61	18.52	24.75	21,670	26,870	30,400	38,530	51,490
49-9071	Maintenance and Repair Workers, General	detailed	750	6.0	12.485	1.31	12.54	26,080	1.7	8.91	9.57	11.34	14.87	17.92	18,520	19,900	23,590	30,930	37,280
49-9098	Helpers--Installation, Maintenance, and Repair Workers	detailed	390	13.8	6.429	8.86	10.97	22,820	2.3	8.76	9.23	10.67	12.09	14.09	18,210	19,200	22,190	25,140	29,300
49-9099	Installation, Maintenance, and Repair Workers, All Other	detailed	80	32.4	1.285	1.18	16.45	34,220	7.7	8.59	9.10	13.55	25.38	28.45	17,870	18,930	28,180	52,800	59,180
51-0000	Production Occupations	major	1,500	4.6	24.850	0.39	14.98	31,150	4.6	8.84	9.38	12.48	18.62	25.15	18,390	19,510	25,950	38,740	52,320

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51-1011	First-Line Supervisors of Production and Operating Workers	detailed	120	6.5	1.946	0.45	26.00	54,090	5.2	14.05	17.16	24.77	33.53	38.86	29,220	35,700	51,520	69,740	80,820
51-3011	Bakers	detailed	180	10.4	3.058	2.46	9.96	20,720	1.8	8.67	8.92	9.29	9.95	12.32	18,030	18,560	19,320	20,700	25,620
51-3021	Butchers and Meat Cutters	detailed	150	12.0	2.536	2.75	12.29	25,570	5.2	8.95	9.38	10.73	14.24	18.74	18,620	19,500	22,310	29,620	38,970
51-4121	Welders, Cutters, Solderers, and Brazers	detailed	150	9.5	2.505	0.93	18.49	38,460	2.4	14.80	16.29	17.92	19.87	24.50	30,790	33,880	37,270	41,330	50,950
51-5112	Printing Press Operators	detailed	30	14.1	0.552	0.46	12.80	26,630	3.5	9.52	10.97	13.00	14.49	15.57	19,790	22,820	27,040	30,140	32,380
51-6011	Laundry and Dry-Cleaning Workers	detailed	170	0.5	2.786	1.89	10.43	21,690	2.1	8.73	9.19	10.03	11.13	11.84	18,160	19,110	20,870	23,150	24,630
51-8031	Water and Wastewater Treatment Plant and System Operators	detailed	90	0.0	1.501	1.76	20.10	41,810	2.6	14.44	16.64	19.63	23.34	27.07	30,040	34,610	40,830	48,550	56,310
51-9122	Painters, Transportation Equipment	detailed	40	2.8	0.605	1.57	16.75	34,840	3.1	13.04	13.87	15.27	20.27	23.62	27,120	28,850	31,750	42,160	49,130
51-9198	Helpers--Production Workers	detailed	90	27.2	1.489	0.62	10.57	21,980	5.4	8.54	8.90	9.97	11.77	14.21	17,750	18,520	20,740	24,480	29,550
53-0000	Transportation and Material Moving Occupations	major	3,590	5.1	59.733	0.84	14.44	30,030	4.3	9.00	9.41	11.17	16.95	26.80	18,710	19,570	23,240	35,250	55,730
53-1048	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	detailed	140	11.4	2.345	0.83	18.30	38,050	3.5	9.92	12.42	16.47	21.56	32.06	20,630	25,820	34,270	44,850	66,690
53-2021	Air Traffic Controllers	detailed	**	**	**	**	44.76	93,100	9.1	32.97	35.46	40.82	54.04	58.33	68,570	73,750	84,900	112,400	121,320
53-3021	Bus Drivers, Transit and Intercity	detailed	140	20.0	2.245	1.87	9.99	20,770	3.9	8.71	9.08	9.50	10.09	12.69	18,120	18,890	19,750	20,980	26,390
53-3022	Bus Drivers, School or Special Client	detailed	150	0.0	2.466	0.71	15.93	33,130	3.3	12.90	14.03	15.87	17.81	19.00	26,840	29,190	33,010	37,050	39,510
53-3031	Driver/Sales Workers	detailed	250	16.8	4.094	1.43	10.54	21,920	2.8	8.76	9.09	9.62	11.42	13.82	18,210	18,900	20,010	23,740	28,750
53-3032	Heavy and Tractor-Trailer Truck Drivers	detailed	320	10.5	5.260	0.42	13.96	29,050	2.4	10.03	11.75	13.92	16.51	18.43	20,860	24,440	28,940	34,350	38,330
53-3033	Light Truck or Delivery Services Drivers	detailed	340	12.1	5.686	0.90	11.00	22,880	2.0	9.08	9.61	10.59	11.75	13.68	18,900	19,990	22,030	24,450	28,450

OCC_CODE	OCC_TITLE	OCC_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
53-3041	Taxi Drivers and Chauffeurs	detailed	250	25.9	4.089	2.85	10.26	21,340	4.5	8.69	9.03	9.43	10.49	12.42	18,080	18,790	19,610	21,810	25,830
53-3099	Motor Vehicle Operators, All Other	detailed	30	4.1	0.522	1.33	22.56	46,920	2.9	17.15	18.36	21.28	25.66	30.58	35,660	38,180	44,250	53,360	63,610
53-6021	Parking Lot Attendants	detailed	**	**	**	**	9.81	20,410	3.3	8.90	9.15	9.55	10.43	11.55	18,520	19,030	19,870	21,700	24,020
53-6031	Automotive and Watercraft Service Attendants	detailed	60	35.3	0.966	1.23	11.22	23,330	8.3	9.06	9.33	9.78	11.34	17.28	18,840	19,410	20,350	23,590	35,940
53-6051	Transportation Inspectors	detailed	50	14.3	0.814	3.93	18.51	38,500	11.1	10.01	13.90	17.81	22.58	27.34	20,820	28,900	37,030	46,970	56,870
53-7021	Crane and Tower Operators	detailed	50	9.5	0.788	2.57	21.52	44,770	5.0	14.04	16.07	19.98	27.24	29.94	29,200	33,430	41,560	56,650	62,270
53-7032	Excavating and Loading Machine and Dragline Operators	detailed	130	13.5	2.156	6.77	17.96	37,350	4.4	12.95	15.36	17.52	20.14	24.05	26,940	31,950	36,440	41,890	50,020
53-7051	Industrial Truck and Tractor Operators	detailed	130	38.8	2.119	0.51	14.22	29,590	3.7	9.22	10.08	13.31	17.29	21.18	19,190	20,960	27,680	35,960	44,040
53-7061	Cleaners of Vehicles and Equipment	detailed	410	27.3	6.776	2.59	9.78	20,350	3.6	8.87	9.05	9.35	9.70	9.91	18,440	18,810	19,460	20,170	20,610
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	detailed	450	9.0	7.472	0.37	12.28	25,540	3.6	9.05	9.35	9.88	14.00	20.47	18,820	19,440	20,560	29,120	42,570
53-7064	Packers and Packagers, Hand	detailed	180	27.1	2.943	0.64	9.22	19,180	3.1	8.76	8.97	9.26	9.55	9.78	18,230	18,660	19,250	19,850	20,340