

Occupational Employment Statistics

May 2016 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](#)
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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	61,520	1.1%	1000.000	1.00	\$12.77	\$16.73	\$34,790	2.6%
11-0000	Management Occupations	major	5,170	2.3%	83.992	1.66	\$27.64	\$31.68	\$65,900	2.0%
11-1011	Chief Executives	detail	540	7.8%	8.770	5.51	\$35.95	\$46.57	\$96,870	5.5%
11-1021	General and Operations Managers	detail	1,600	5.5%	26.023	1.67	\$23.33	\$27.74	\$57,700	2.5%
11-2011	Advertising and Promotions Managers	detail	50	23.8%	0.892	4.34	\$23.97	\$25.68	\$53,420	6.3%
11-2021	Marketing Managers	detail	80	9.1%	1.268	0.86	\$23.92	\$27.18	\$56,540	3.5%
11-2022	Sales Managers	detail	290	8.0%	4.643	1.78	\$22.63	\$24.39	\$50,740	3.8%
11-3011	Administrative Services Managers	detail	520	3.2%	8.372	4.41	\$25.66	\$27.99	\$58,210	1.5%
11-3021	Computer and Information Systems Managers	detail	70	17.9%	1.096	0.44	\$30.73	\$35.14	\$73,100	2.1%
11-3031	Financial Managers	detail	360	4.1%	5.803	1.50	\$29.07	\$32.46	\$67,510	1.9%
11-3051	Industrial Production Managers	detail	40	20.4%	0.722	0.60	\$36.96	\$36.47	\$75,860	3.1%
11-3061	Purchasing Managers	detail	60	15.3%	0.990	1.94	\$23.35	\$24.92	\$51,820	3.9%
11-3071	Transportation, Storage, and Distribution Managers	detail	120	11.0%	1.874	2.32	\$25.28	\$29.81	\$62,000	5.2%
11-3121	Human Resources Managers	detail	90	2.8%	1.512	1.64	\$24.58	\$27.34	\$56,880	2.6%
11-9021	Construction Managers	detail	270	13.1%	4.449	2.50	\$36.81	\$40.62	\$84,500	5.8%
11-9032	Education Administrators, Elementary and Secondary School	detail	110	8.2%	1.799	1.04	(4)	(4)	\$69,050	3.9%
11-9039	Education Administrators, All Other	detail	220	0.6%	3.534	14.53	\$42.85	\$43.66	\$90,810	2.3%
11-9041	Architectural and Engineering Managers	detail	60	31.5%	1.013	0.80	\$40.40	\$39.54	\$82,250	2.7%
11-9051	Food Service Managers	detail	190	9.3%	3.105	2.16	\$14.80	\$15.74	\$32,730	3.0%
11-9081	Lodging Managers	detail	50	11.1%	0.840	3.33	\$17.47	\$22.28	\$46,350	5.9%
11-9111	Medical and Health Services Managers	detail	60	13.4%	0.923	0.39	\$35.00	\$40.25	\$83,720	5.4%
11-9141	Property, Real Estate, and Community Association Managers	detail	70	9.5%	1.214	0.95	\$23.54	\$25.47	\$52,980	5.9%
11-9151	Social and Community Service Managers	detail	40	3.9%	0.608	0.68	\$24.38	\$27.31	\$56,810	2.0%
11-9199	Managers, All Other	detail	130	3.9%	2.081	0.72	\$32.50	\$35.39	\$73,610	2.2%
13-0000	Business and Financial Operations Occupations	major	2,450	2.3%	39.832	0.77	\$22.46	\$24.29	\$50,530	4.4%
13-1022	Wholesale and Retail Buyers, Except Farm Products	detail	90	5.2%	1.478	1.90	\$13.02	\$13.76	\$28,620	2.0%

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13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	detail	130	4.5%	2.183	1.03	\$21.55	\$25.98	\$54,040	5.0%
13-1031	Claims Adjusters, Examiners, and Investigators	detail	100	17.2%	1.603	0.82	\$16.62	\$17.95	\$37,340	1.9%
13-1041	Compliance Officers	detail	220	4.3%	3.643	1.87	\$28.71	\$29.68	\$61,730	7.5%
13-1051	Cost Estimators	detail	50	12.3%	0.759	0.50	\$27.33	\$27.67	\$57,540	3.7%
13-1071	Human Resources Specialists	detail	200	4.0%	3.267	0.87	\$22.89	\$23.55	\$48,980	3.0%
13-1081	Logisticians	detail	30	13.6%	0.491	0.47	\$32.29	\$35.09	\$72,990	2.3%
13-1111	Management Analysts	detail	190	2.3%	3.071	0.68	\$24.90	\$27.64	\$57,490	6.3%
13-1121	Meeting, Convention, and Event Planners	detail	40	9.1%	0.592	0.87	\$18.06	\$17.52	\$36,450	3.1%
13-1151	Training and Development Specialists	detail	30	0.0%	0.491	0.26	\$16.39	\$17.44	\$36,270	2.1%
13-1161	Market Research Analysts and Marketing Specialists	detail	60	10.8%	1.037	0.26	\$19.76	\$19.97	\$41,530	4.1%
13-1199	Business Operations Specialists, All Other	detail	280	3.4%	4.514	0.66	\$33.23	\$32.90	\$68,440	2.3%
13-2011	Accountants and Auditors	detail	520	4.7%	8.516	0.96	\$19.94	\$21.16	\$44,010	1.3%
13-2031	Budget Analysts	detail	50	1.2%	0.810	2.08	(8)	(8)	(8)	(8)
13-2041	Credit Analysts	detail	40	7.1%	0.668	1.29	\$23.73	\$26.50	\$55,120	5.7%
13-2053	Insurance Underwriters	detail	90	41.7%	1.474	2.26	\$21.25	\$20.59	\$42,820	9.5%
13-2072	Loan Officers	detail	70	13.8%	1.148	0.53	\$20.12	\$21.83	\$45,410	4.0%
13-2082	Tax Preparers	detail	40	19.6%	0.636	1.27	\$17.68	\$19.71	\$41,000	5.2%
15-0000	Computer and Mathematical Occupations	major	510	2.9%	8.220	0.28	\$21.88	\$24.06	\$50,050	3.8%
15-1121	Computer Systems Analysts	detail	60	4.1%	0.909	0.22	\$22.08	\$21.93	\$45,610	1.9%
15-1142	Network and Computer Systems Administrators	detail	80	16.0%	1.265	0.47	\$26.14	\$26.67	\$55,470	5.5%
15-1151	Computer User Support Specialists	detail	120	6.0%	1.999	0.47	\$16.48	\$17.10	\$35,560	2.4%
15-1152	Computer Network Support Specialists	detail	60	8.3%	1.003	0.75	\$17.13	\$19.29	\$40,130	3.4%
15-1199	Computer Occupations, All Other	detail	80	0.0%	1.361	0.73	\$38.17	\$35.84	\$74,550	3.2%
17-0000	Architecture and Engineering Occupations	major	1,050	6.0%	17.083	0.96	\$23.34	\$26.93	\$56,010	4.3%
17-1011	Architects, Except Landscape and Naval	detail	40	10.0%	0.603	0.85	\$35.30	\$35.47	\$73,770	3.0%
17-2051	Civil Engineers	detail	340	12.0%	5.502	2.68	\$24.40	\$29.23	\$60,790	6.3%

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17-2071	Electrical Engineers	detail	160	32.8%	2.547	1.95	\$22.05	\$23.93	\$49,780	6.0%
17-2141	Mechanical Engineers	detail	60	29.2%	1.055	0.52	\$23.59	\$30.49	\$63,420	6.1%
17-3011	Architectural and Civil Drafters	detail	90	21.5%	1.478	2.14	\$16.43	\$16.75	\$34,840	3.5%
17-3023	Electrical and Electronics Engineering Technicians	detail	70	11.8%	1.180	1.23	\$25.89	\$23.69	\$49,270	3.9%
17-3029	Engineering Technicians, Except Drafters, All Other	detail	80	8.7%	1.276	2.41	\$28.25	\$24.30	\$50,540	20.7%
19-0000	Life, Physical, and Social Science Occupations	major	420	2.0%	6.757	0.82	\$23.09	\$25.34	\$52,700	4.4%
19-3051	Urban and Regional Planners	detail	60	0.0%	0.943	3.80	\$28.62	\$28.64	\$59,570	2.2%
19-4021	Biological Technicians	detail	80	0.0%	1.354	2.54	\$17.41	\$17.21	\$35,790	2.5%
21-0000	Community and Social Service Occupations	major	870	5.3%	14.189	0.99	\$20.90	\$21.24	\$44,180	2.8%
21-1012	Educational, Guidance, School, and Vocational Counselors	detail	150	1.9%	2.386	1.29	\$27.37	\$27.37	\$56,940	2.6%
21-1015	Rehabilitation Counselors	detail	(8)	(8)	(8)	(8)	\$17.26	\$17.43	\$36,240	4.0%
21-1021	Child, Family, and School Social Workers	detail	60	7.6%	0.996	0.47	\$18.16	\$18.44	\$38,350	7.5%
21-1022	Healthcare Social Workers	detail	50	4.3%	0.816	0.72	\$22.70	\$23.16	\$48,170	3.1%
21-1023	Mental Health and Substance Abuse Social Workers	detail	80	0.0%	1.276	1.57	\$19.91	\$19.27	\$40,080	3.2%
21-1029	Social Workers, All Other	detail	50	30.3%	0.775	1.83	\$18.29	\$22.78	\$47,390	14.6%
21-1091	Health Educators	detail	110	2.0%	1.728	4.21	\$22.87	\$23.39	\$48,660	2.7%
21-1093	Social and Human Service Assistants	detail	100	0.0%	1.556	0.61	\$14.15	\$15.10	\$31,410	2.1%
21-2011	Clergy	detail	50	35.1%	0.883	2.51	\$20.58	\$18.39	\$38,250	21.9%
23-0000	Legal Occupations	major	370	2.4%	5.971	0.78	\$28.41	\$32.53	\$67,660	4.9%
23-1011	Lawyers	detail	200	2.5%	3.189	0.72	\$41.25	\$43.50	\$90,480	5.4%
23-2011	Paralegals and Legal Assistants	detail	50	12.8%	0.832	0.42	\$19.44	\$21.23	\$44,170	2.0%
25-0000	Education, Training, and Library Occupations	major	4,420	2.6%	71.919	1.17	\$18.48	\$20.74	\$43,150	3.3%
25-2011	Preschool Teachers, Except Special Education	detail	70	17.2%	1.174	0.43	\$14.94	\$15.92	\$33,110	8.0%
25-2012	Kindergarten Teachers, Except Special Education	detail	90	13.0%	1.543	1.43	(4)	(4)	\$45,260	6.5%

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25-2021	Elementary School Teachers, Except Special Education	detail	870	4.7%	14.145	1.43	(4)	(4)	\$46,490	3.9%
25-2022	Middle School Teachers, Except Special and Career/Technical Education	detail	510	5.0%	8.354	1.87	(4)	(4)	\$45,830	3.7%
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	detail	620	10.7%	10.122	1.42	(4)	(4)	\$46,080	4.1%
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	detail	180	4.8%	2.929	1.40	(4)	(4)	\$33,900	2.9%
25-4021	Librarians	detail	60	8.6%	1.014	1.10	\$25.45	\$25.39	\$52,810	2.8%
25-4031	Library Technicians	detail	30	2.7%	0.493	0.74	\$15.13	\$14.89	\$30,970	2.7%
25-9031	Instructional Coordinators	detail	160	1.6%	2.625	2.50	(8)	(8)	(8)	(8)
25-9041	Teacher Assistants	detail	760	3.3%	12.434	1.38	(4)	(4)	\$24,690	3.2%
25-9099	Education, Training, and Library Workers, All Other	detail	60	0.0%	1.008	1.41	\$14.36	\$16.65	\$34,640	2.3%
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	major	680	14.5%	11.026	0.81	\$12.85	\$15.58	\$32,410	4.4%
27-1024	Graphic Designers	detail	100	19.8%	1.652	1.10	\$11.95	\$12.58	\$26,160	3.0%
27-2022	Coaches and Scouts	detail	(8)	(8)	(8)	(8)	(4)	(4)	\$39,520	7.7%
27-3022	Reporters and Correspondents	detail	50	14.6%	0.808	2.83	\$12.30	\$12.71	\$26,440	3.0%
27-3031	Public Relations Specialists	detail	30	0.0%	0.509	0.31	\$23.54	\$24.43	\$50,810	1.7%
27-4031	Camera Operators, Television, Video, and Motion Picture	detail	40	18.1%	0.639	4.13	\$10.65	\$11.52	\$23,960	2.1%
29-0000	Healthcare Practitioners and Technical Occupations	major	1,690	5.4%	27.542	0.46	\$21.59	\$29.72	\$61,810	2.9%
29-1031	Dietitians and Nutritionists	detail	30	0.0%	0.515	1.18	\$18.01	\$22.51	\$46,830	2.2%
29-1051	Pharmacists	detail	70	31.4%	1.159	0.53	\$56.65	\$53.99	\$112,300	3.7%
29-1062	Family and General Practitioners	detail	50	6.7%	0.816	0.93	(8)	(8)	(8)	(8)
29-1069	Physicians and Surgeons, All Other	detail	60	7.1%	1.029	0.43	(5)	\$106.31	\$221,130	10.2%
29-1141	Registered Nurses	detail	400	2.7%	6.543	0.32	\$25.20	\$25.43	\$52,890	1.9%
29-1171	Nurse Practitioners	detail	30	6.0%	0.504	0.47	\$21.84	\$24.99	\$51,980	3.5%

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29-2011	Medical and Clinical Laboratory Technologists	detail	40	0.0%	0.623	0.52	\$31.49	\$29.57	\$61,500	3.0%
29-2012	Medical and Clinical Laboratory Technicians	detail	50	0.0%	0.746	0.65	\$16.05	\$16.57	\$34,470	1.8%
29-2031	Cardiovascular Technologists and Technicians	detail	30	14.1%	0.562	1.47	\$14.98	\$18.12	\$37,680	6.2%
29-2034	Radiologic Technologists	detail	50	14.2%	0.788	0.55	\$19.60	\$20.43	\$42,490	1.8%
29-2052	Pharmacy Technicians	detail	(8)	(8)	(8)	(8)	\$14.18	\$14.73	\$30,650	4.4%
29-2061	Licensed Practical and Licensed Vocational Nurses	detail	80	19.0%	1.247	0.25	\$15.66	\$16.39	\$34,090	1.9%
29-2071	Medical Records and Health Information Technicians	detail	60	4.2%	0.967	0.68	\$13.84	\$14.24	\$29,620	2.4%
29-9011	Occupational Health and Safety Specialists	detail	110	15.1%	1.816	3.33	\$24.10	\$23.71	\$49,320	3.5%
29-9012	Occupational Health and Safety Technicians	detail	50	0.5%	0.842	7.14	\$11.64	\$12.94	\$26,920	2.3%
31-0000	Healthcare Support Occupations	major	820	5.8%	13.310	0.46	\$11.15	\$11.97	\$24,890	3.0%
31-1014	Nursing Assistants	detail	220	1.3%	3.640	0.35	\$12.76	\$12.26	\$25,510	3.6%
31-9011	Massage Therapists	detail	120	24.4%	1.907	2.79	\$9.25	\$9.50	\$19,770	3.0%
31-9091	Dental Assistants	detail	150	14.0%	2.453	1.05	\$12.74	\$14.21	\$29,570	9.4%
31-9092	Medical Assistants	detail	180	11.7%	2.939	0.66	\$11.13	\$11.71	\$24,370	3.5%
31-9097	Phlebotomists	detail	50	0.0%	0.816	0.95	\$9.28	\$9.67	\$20,120	3.8%
33-0000	Protective Service Occupations	major	2,720	8.5%	44.239	1.83	\$16.01	\$17.79	\$37,000	4.1%
33-1099	First-Line Supervisors of Protective Service Workers, All Other	detail	70	0.9%	1.084	2.09	(8)	(8)	(8)	(8)
33-9032	Security Guards	detail	970	23.7%	15.833	2.02	\$9.09	\$9.63	\$20,020	3.2%
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	detail	100	8.8%	1.574	1.52	\$9.08	\$9.68	\$20,140	2.8%
33-9093	Transportation Security Screeners	detail	300	0.0%	4.860	15.96	\$18.00	\$19.44	\$40,440	2.7%
35-0000	Food Preparation and Serving Related Occupations	major	6,540	5.0%	106.304	1.15	\$9.14	\$9.74	\$20,250	1.2%
35-1011	Chefs and Head Cooks	detail	210	5.9%	3.458	3.62	\$9.65	\$13.45	\$27,970	5.5%
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	detail	310	14.1%	5.057	0.78	\$10.49	\$11.29	\$23,490	2.2%
35-2011	Cooks, Fast Food	detail	530	40.8%	8.581	2.35	\$8.98	\$9.17	\$19,080	3.7%
35-2012	Cooks, Institution and Cafeteria	detail	60	4.1%	1.052	0.36	\$10.76	\$11.20	\$23,290	2.3%

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35-2014	Cooks, Restaurant	detail	980	10.7%	15.989	1.84	\$9.24	\$9.93	\$20,650	2.1%
35-2015	Cooks, Short Order	detail	60	39.5%	0.957	0.73	\$9.00	\$8.99	\$18,690	3.3%
35-2021	Food Preparation Workers	detail	740	19.9%	12.084	1.99	\$9.08	\$9.28	\$19,300	2.1%
35-3011	Bartenders	detail	190	18.7%	3.116	0.73	\$9.05	\$9.26	\$19,270	2.2%
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	detail	410	40.6%	6.598	0.27	\$9.42	\$9.76	\$20,310	5.7%
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	detail	320	41.3%	5.205	1.46	\$9.02	\$8.99	\$18,700	3.9%
35-3031	Waiters and Waitresses	detail	1,810	7.2%	29.461	1.61	\$9.12	\$9.73	\$20,240	3.1%
35-3041	Food Servers, Nonrestaurant	detail	90	19.3%	1.395	0.75	\$9.24	\$9.81	\$20,400	3.1%
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	detail	100	35.3%	1.663	0.55	\$9.05	\$9.01	\$18,750	3.0%
35-9021	Dishwashers	detail	380	11.5%	6.184	1.71	\$9.03	\$9.08	\$18,880	1.5%
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	detail	320	11.2%	5.226	1.81	\$9.01	\$9.06	\$18,840	2.9%
37-0000	Building and Grounds Cleaning and Maintenance Occupations	major	3,160	4.1%	51.330	1.63	\$9.17	\$9.91	\$20,610	1.1%
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	detail	210	5.0%	3.378	2.94	\$10.92	\$12.82	\$26,670	2.2%
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	detail	920	9.5%	15.000	0.97	\$9.23	\$10.03	\$20,860	1.9%
37-2012	Maids and Housekeeping Cleaners	detail	1,270	5.2%	20.618	3.13	\$9.00	\$9.07	\$18,870	1.4%
37-2021	Pest Control Workers	detail	40	30.8%	0.582	1.12	\$10.92	\$11.34	\$23,580	4.1%
37-3011	Landscaping and Groundskeeping Workers	detail	660	12.4%	10.790	1.67	\$9.34	\$10.02	\$20,840	1.7%
39-0000	Personal Care and Service Occupations	major	1,370	5.1%	22.221	0.69	\$9.30	\$10.82	\$22,500	1.7%
39-1021	First-Line Supervisors of Personal Service Workers	detail	50	15.7%	0.889	0.66	\$13.11	\$13.62	\$28,320	2.6%
39-3031	Ushers, Lobby Attendants, and Ticket Takers	detail	100	8.0%	1.705	2.03	\$8.90	\$8.85	\$18,410	3.8%
39-3091	Amusement and Recreation Attendants	detail	210	32.3%	3.433	1.68	\$9.03	\$9.13	\$18,990	2.7%

Occupation code	Occupation title (click on the occupation title to view its profile)	Level	Employment	Employment RSE	Employment per 1,000 jobs	Location quotient	Median hourly wage	Mean hourly wage	Annual mean wage	Mean wage RSE
39-5012	Hairdressers, Hairstylists, and Cosmetologists	detail	100	30.2%	1.689	0.67	\$11.84	\$12.55	\$26,110	6.3%
39-6011	Baggage Porters and Bellhops	detail	140	13.9%	2.235	7.01	\$9.08	\$9.28	\$19,290	2.2%
39-6012	Concierges	detail	150	9.8%	2.453	10.76	\$9.50	\$10.50	\$21,830	2.0%
39-7011	Tour Guides and Escorts	detail	150	48.9%	2.398	8.71	\$9.22	\$9.75	\$20,280	3.5%
39-9011	Childcare Workers	detail	160	26.6%	2.676	0.66	\$9.20	\$9.40	\$19,550	2.8%
39-9031	Fitness Trainers and Aerobics Instructors	detail	50	0.0%	0.892	0.49	\$27.49	\$24.92	\$51,830	3.6%
39-9032	Recreation Workers	detail	160	8.2%	2.523	1.05	\$9.27	\$10.56	\$21,970	2.5%
41-0000	Sales and Related Occupations	major	4,810	3.3%	78.166	0.75	\$9.44	\$11.14	\$23,160	1.3%
41-1011	First-Line Supervisors of Retail Sales Workers	detail	420	12.1%	6.788	0.80	\$12.14	\$12.88	\$26,790	2.5%
41-1012	First-Line Supervisors of Non-Retail Sales Workers	detail	30	10.0%	0.510	0.28	\$15.43	\$17.56	\$36,530	3.5%
41-2011	Cashiers	detail	1,990	9.2%	32.373	1.28	\$9.17	\$9.53	\$19,820	1.0%
41-2021	Counter and Rental Clerks	detail	160	25.3%	2.604	0.81	\$9.19	\$9.72	\$20,220	2.1%
41-2022	Parts Salespersons	detail	90	9.9%	1.492	0.84	\$9.34	\$10.28	\$21,390	2.5%
41-2031	Retail Salespersons	detail	1,570	10.3%	25.492	0.79	\$9.46	\$11.33	\$23,560	2.7%
41-3011	Advertising Sales Agents	detail	40	12.1%	0.614	0.61	\$15.47	\$16.45	\$34,230	4.2%
41-3021	Insurance Sales Agents	detail	60	21.5%	0.931	0.34	\$13.26	\$14.73	\$30,650	5.5%
41-3041	Travel Agents	detail	120	11.8%	1.980	4.05	\$11.71	\$14.15	\$29,430	6.8%
41-3099	Sales Representatives, Services, All Other	detail	60	14.9%	0.951	0.14	\$14.40	\$15.55	\$32,340	3.8%
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	detail	210	10.5%	3.493	0.35	\$11.96	\$13.90	\$28,910	3.1%
43-0000	Office and Administrative Support Occupations	major	10,790	1.5%	175.459	1.12	\$11.68	\$13.81	\$28,720	2.1%
43-1011	First-Line Supervisors of Office and Administrative Support Workers	detail	840	4.3%	13.650	1.33	\$18.10	\$19.17	\$39,880	2.9%
43-2011	Switchboard Operators, Including Answering Service	detail	70	11.0%	1.208	1.87	\$10.24	\$11.67	\$24,270	4.3%
43-3011	Bill and Account Collectors	detail	140	9.1%	2.287	1.07	\$11.50	\$12.48	\$25,960	2.2%
43-3021	Billing and Posting Clerks	detail	190	7.2%	3.123	0.90	\$12.67	\$12.89	\$26,810	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
43-3031	Bookkeeping, Accounting, and Auditing Clerks	detail	810	3.6%	13.155	1.18	\$13.53	\$14.15	\$29,440	1.4%
43-3051	Payroll and Timekeeping Clerks	detail	60	3.5%	1.039	0.91	\$15.22	\$15.24	\$31,700	2.0%
43-3061	Procurement Clerks	detail	80	9.9%	1.365	2.66	\$13.32	\$15.22	\$31,660	10.1%
43-3071	Tellers	detail	250	4.2%	4.052	1.15	\$11.10	\$11.50	\$23,920	2.2%
43-4051	Customer Service Representatives	detail	1,120	3.4%	18.180	0.94	\$9.84	\$11.34	\$23,580	2.2%
43-4071	File Clerks	detail	40	15.9%	0.582	0.62	\$9.31	\$11.10	\$23,080	4.2%
43-4081	Hotel, Motel, and Resort Desk Clerks	detail	290	6.4%	4.638	2.62	\$9.14	\$9.49	\$19,730	1.1%
43-4111	Interviewers, Except Eligibility and Loan	detail	30	0.0%	0.528	0.40	\$13.42	\$13.45	\$27,980	2.8%
43-4131	Loan Interviewers and Clerks	detail	40	14.2%	0.689	0.43	\$11.20	\$12.19	\$25,360	3.3%
43-4141	New Accounts Clerks	detail	80	20.0%	1.286	4.34	\$13.40	\$13.68	\$28,450	3.8%
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	detail	70	1.9%	1.216	1.24	\$15.57	\$17.01	\$35,370	2.0%
43-4171	Receptionists and Information Clerks	detail	310	12.2%	4.986	0.70	\$9.42	\$10.38	\$21,600	2.0%
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	detail	310	8.6%	5.049	4.84	\$11.72	\$17.24	\$35,860	12.1%
43-5011	Cargo and Freight Agents	detail	170	4.1%	2.793	4.41	(8)	(8)	(8)	(8)
43-5021	Couriers and Messengers	detail	130	9.3%	2.186	4.14	\$10.30	\$11.89	\$24,730	4.0%
43-5032	Dispatchers, Except Police, Fire, and Ambulance	detail	120	4.8%	1.894	1.34	\$11.64	\$14.33	\$29,810	4.0%
43-5051	Postal Service Clerks	detail	30	0.0%	0.553	0.95	\$27.30	\$23.02	\$47,880	(8)
43-5052	Postal Service Mail Carriers	detail	30	0.0%	0.536	0.23	\$28.34	\$23.88	\$49,670	(8)
43-5061	Production, Planning, and Expediting Clerks	detail	270	6.7%	4.410	1.92	\$19.43	\$19.07	\$39,670	3.3%
43-5071	Shipping, Receiving, and Traffic Clerks	detail	240	6.0%	3.831	0.79	\$9.54	\$12.96	\$26,950	8.7%
43-5081	Stock Clerks and Order Fillers	detail	1,220	5.8%	19.786	1.38	\$9.29	\$10.57	\$21,980	2.1%
43-6011	Executive Secretaries and Executive Administrative Assistants	detail	560	11.4%	9.106	2.02	\$14.29	\$16.32	\$33,950	3.4%
43-6012	Legal Secretaries	detail	110	8.8%	1.778	1.31	\$16.84	\$17.25	\$35,870	2.7%
43-6013	Medical Secretaries	detail	70	11.3%	1.180	0.30	\$14.36	\$14.97	\$31,140	2.7%

Occupation code	Occupation title (click on the occupation title to view its profile)	Level	Employment	Employment RSE	Employment per 1,000 jobs	Location quotient	Median hourly wage	Mean hourly wage	Annual mean wage	Mean wage RSE
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	detail	690	7.2%	11.206	0.69	\$15.39	\$15.93	\$33,140	3.0%
43-9011	Computer Operators	detail	90	2.9%	1.523	4.57	\$15.71	\$15.97	\$33,230	2.0%
43-9021	Data Entry Keyers	detail	170	2.3%	2.729	1.97	\$11.49	\$14.53	\$30,210	6.9%
43-9041	Insurance Claims and Policy Processing Clerks	detail	(8)	(8)	(8)	(8)	\$11.61	\$12.19	\$25,360	3.8%
43-9061	Office Clerks, General	detail	1,450	4.5%	23.531	1.12	\$9.81	\$10.78	\$22,420	1.5%
43-9199	Office and Administrative Support Workers, All Other	detail	80	10.4%	1.247	0.81	\$18.21	\$17.13	\$35,640	6.8%
45-0000	Farming, Fishing, and Forestry Occupations	major	70	1.0%	1.172	0.35	\$11.53	\$13.36	\$27,800	3.1%
47-0000	Construction and Extraction Occupations	major	5,230	3.8%	84.988	2.14	\$14.01	\$14.64	\$30,450	1.5%
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	detail	330	21.5%	5.293	1.38	\$19.51	\$21.64	\$45,010	5.8%
47-2031	Carpenters	detail	1,140	4.9%	18.492	3.84	\$14.09	\$14.51	\$30,190	1.2%
47-2051	Cement Masons and Concrete Finishers	detail	640	14.3%	10.335	8.34	\$14.00	\$14.27	\$29,670	1.8%
47-2061	Construction Laborers	detail	900	19.7%	14.617	2.25	\$10.42	\$11.00	\$22,890	3.6%
47-2073	Operating Engineers and Other Construction Equipment Operators	detail	180	5.3%	2.867	1.13	\$16.21	\$17.07	\$35,510	3.2%
47-2111	Electricians	detail	490	10.6%	8.035	1.86	\$17.68	\$17.94	\$37,320	1.7%
47-2141	Painters, Construction and Maintenance	detail	170	7.9%	2.747	1.78	\$13.87	\$14.16	\$29,460	1.8%
47-2152	Plumbers, Pipefitters, and Steamfitters	detail	170	14.0%	2.786	0.95	\$16.40	\$16.68	\$34,700	2.7%
47-2171	Reinforcing Iron and Rebar Workers	detail	140	8.4%	2.344	16.44	\$14.16	\$14.71	\$30,600	2.0%
47-2211	Sheet Metal Workers	detail	190	22.1%	3.054	3.19	\$15.28	\$16.16	\$33,610	2.1%
47-2221	Structural Iron and Steel Workers	detail	30	8.0%	0.566	1.14	\$13.94	\$14.01	\$29,150	2.7%
47-3013	Helpers--Electricians	detail	220	18.2%	3.631	7.09	\$12.76	\$12.31	\$25,600	3.1%
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	detail	40	8.6%	0.675	1.75	\$10.10	\$10.34	\$21,510	2.2%
47-3019	Helpers, Construction Trades, All Other	detail	90	16.3%	1.469	9.46	\$9.24	\$10.37	\$21,570	5.1%
49-0000	Installation, Maintenance, and Repair Occupations	major	3,010	2.9%	48.893	1.26	\$14.21	\$16.32	\$33,940	2.8%

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
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	detail	230	3.6%	3.683	1.14	\$21.67	\$24.21	\$50,360	4.1%
49-2011	Computer, Automated Teller, and Office Machine Repairers	detail	30	12.5%	0.556	0.76	\$14.31	\$14.49	\$30,130	6.2%
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	detail	90	2.4%	1.424	0.88	\$17.68	\$18.26	\$37,980	4.8%
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	detail	40	38.5%	0.616	3.39	\$9.74	\$10.18	\$21,170	3.0%
49-2098	Security and Fire Alarm Systems Installers	detail	40	0.0%	0.634	1.31	\$13.85	\$14.06	\$29,240	1.9%
49-3021	Automotive Body and Related Repairers	detail	30	19.1%	0.499	0.49	\$12.04	\$12.01	\$24,980	3.8%
49-3023	Automotive Service Technicians and Mechanics	detail	220	6.6%	3.514	0.76	\$13.39	\$13.84	\$28,780	2.3%
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	detail	110	31.1%	1.864	1.03	\$17.03	\$16.91	\$35,160	2.7%
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	detail	210	6.1%	3.451	3.92	\$17.27	\$17.81	\$37,050	1.9%
49-3093	Tire Repairers and Changers	detail	40	21.8%	0.655	0.84	\$10.26	\$11.42	\$23,740	7.8%
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	detail	180	6.8%	2.944	1.40	\$16.58	\$17.69	\$36,790	2.8%
49-9051	Electrical Power-Line Installers and Repairers	detail	30	6.9%	0.549	0.66	\$23.10	\$21.81	\$45,370	4.0%
49-9052	Telecommunications Line Installers and Repairers	detail	40	25.5%	0.644	0.90	(8)	(8)	(8)	(8)
49-9071	Maintenance and Repair Workers, General	detail	830	5.3%	13.510	1.42	\$11.96	\$13.77	\$28,630	3.3%
49-9098	Helpers--Installation, Maintenance, and Repair Workers	detail	380	5.7%	6.146	7.27	\$9.55	\$10.18	\$21,180	1.5%
49-9099	Installation, Maintenance, and Repair Workers, All Other	detail	50	0.0%	0.826	0.79	\$22.78	\$22.03	\$45,810	2.7%
51-0000	Production Occupations	major	1,670	6.1%	27.192	0.42	\$12.75	\$14.30	\$29,750	4.6%

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
51-1011	First-Line Supervisors of Production and Operating Workers	detail	110	17.1%	1.786	0.41	\$21.42	\$23.64	\$49,170	3.3%
51-2041	Structural Metal Fabricators and Fitters	detail	(8)	(8)	(8)	(8)	\$14.18	\$14.20	\$29,530	6.3%
51-2099	Assemblers and Fabricators, All Other	detail	60	47.1%	0.896	0.55	\$11.15	\$11.36	\$23,630	7.0%
51-3011	Bakers	detail	170	11.2%	2.773	2.16	\$9.05	\$9.54	\$19,850	1.8%
51-3021	Butchers and Meat Cutters	detail	150	8.9%	2.468	2.59	\$10.80	\$12.02	\$25,010	7.5%
51-4121	Welders, Cutters, Solderers, and Brazers	detail	160	9.6%	2.534	0.93	\$17.31	\$17.63	\$36,670	3.9%
51-5112	Printing Press Operators	detail	60	42.0%	0.928	0.77	\$13.41	\$13.05	\$27,140	5.0%
51-6011	Laundry and Dry-Cleaning Workers	detail	200	9.5%	3.285	2.22	\$9.08	\$9.12	\$18,980	2.1%
51-8031	Water and Wastewater Treatment Plant and System Operators	detail	100	0.0%	1.564	1.90	\$18.57	\$18.99	\$39,490	2.4%
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	detail	40	24.1%	0.603	0.16	\$14.41	\$15.20	\$31,610	4.7%
51-9111	Packaging and Filling Machine Operators and Tenders	detail	50	15.0%	0.767	0.28	\$9.60	\$10.42	\$21,680	4.1%
51-9122	Painters, Transportation Equipment	detail	50	44.1%	0.865	2.21	\$14.35	\$15.80	\$32,860	3.2%
51-9198	Helpers--Production Workers	detail	80	21.7%	1.287	0.42	\$10.22	\$10.95	\$22,780	5.2%
53-0000	Transportation and Material Moving Occupations	major	3,700	4.7%	60.197	0.87	\$10.83	\$13.64	\$28,370	4.2%
53-1021	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	detail	60	3.3%	0.909	0.69	\$16.68	\$17.85	\$37,120	2.0%
53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	detail	90	8.0%	1.419	0.98	\$14.70	\$16.51	\$34,350	4.8%
53-2022	Airfield Operations Specialists	detail	50	49.1%	0.879	14.10	(8)	(8)	(8)	(8)
53-3021	Bus Drivers, Transit and Intercity	detail	130	24.0%	2.191	1.81	\$9.14	\$9.51	\$19,790	3.0%
53-3022	Bus Drivers, School or Special Client	detail	160	0.0%	2.672	0.73	\$14.44	\$15.09	\$31,390	3.0%
53-3031	Driver/Sales Workers	detail	190	16.7%	3.082	1.02	\$9.19	\$9.79	\$20,360	2.1%
53-3032	Heavy and Tractor-Trailer Truck Drivers	detail	400	12.9%	6.497	0.54	\$13.89	\$13.92	\$28,950	1.9%

Occupation code	Occupation title (click on the occupation title to view its profile)	Level	Employment	Employment RSE	Employment per 1,000 jobs	Location quotient	Median hourly wage	Mean hourly wage	Annual mean wage	Mean wage RSE
53-3033	Light Truck or Delivery Services Drivers	detail	340	9.3%	5.540	0.91	\$9.43	\$10.43	\$21,690	2.0%
53-3041	Taxi Drivers and Chauffeurs	detail	230	26.6%	3.721	2.77	\$9.18	\$9.44	\$19,630	2.3%
53-3099	Motor Vehicle Operators, All Other	detail	40	32.4%	0.679	1.78	\$18.63	\$20.80	\$43,270	9.5%
53-6031	Automotive and Watercraft Service Attendants	detail	100	9.1%	1.548	1.98	\$9.06	\$9.76	\$20,290	5.2%
53-6051	Transportation Inspectors	detail	50	10.8%	0.741	3.79	(8)	(8)	(8)	(8)
53-7021	Crane and Tower Operators	detail	60	21.3%	0.977	3.05	\$17.14	\$18.63	\$38,750	5.7%
53-7032	Excavating and Loading Machine and Dragline Operators	detail	130	22.1%	2.134	6.20	\$15.01	\$15.47	\$32,170	2.2%
53-7051	Industrial Truck and Tractor Operators	detail	120	8.6%	1.930	0.50	\$13.96	\$14.50	\$30,170	2.9%
53-7061	Cleaners of Vehicles and Equipment	detail	(8)	(8)	(8)	(8)	\$8.92	\$9.58	\$19,930	4.8%
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	detail	430	11.1%	7.050	0.38	\$9.20	\$11.14	\$23,180	4.2%
53-7064	Packers and Packagers, Hand	detail	190	35.1%	3.024	0.60	\$9.12	\$9.38	\$19,510	3.1%
53-7081	Refuse and Recyclable Material Collectors	detail	160	0.0%	2.624	3.21	\$9.58	\$9.94	\$20,670	4.1%

[About May 2016 National, State, Metropolitan, and Nonmetropolitan Area Occupational Employment and Wage Estimates](#)

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

Occupational Employment Statistics

Technical Notes for May 2016 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 650 areas, including states and the District of Columbia, metropolitan statistical areas (MSAs), metropolitan divisions, nonmetropolitan areas, and territories; national industry-specific estimates at the NAICS sector, 3-, 4-, 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 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 2016 estimates are based on responses from six semiannual panels collected over a 3-year period: May 2016, November 2015, May 2015, November 2014, May 2014, and November 2013. The overall national response rate for the six panels, based on the 50 states and the District of Columbia, is 73 percent based on establishments and 69 percent based on weighted sampled employment. The unweighted employment of sampled establishments across all six semiannual panels represents approximately 58 percent of total national employment.

The occupational coding system

The OES survey categorizes workers into 821 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 2016 OES estimates use the 2012 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 includes approximately 200,000 establishments. 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 current panel 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 2015 and May 2016 employment) from the BLS Quarterly Census of Employment and Wages to employment totals from the OES survey.

Special Procedures for the May 2016 estimates

In May 2013, the Quarterly Census of Employment and Wages program, from which the OES sample is drawn, began coding some establishments that were historically found in private households (NAICS 814110) to services for the elderly and persons with disabilities (NAICS 624120). Private households are out of scope for OES, so this shift caused a scope increase for OES in NAICS 624120. Because this scope increase affected only the five most recent of the six survey panels used to produce the May 2016 OES estimates, the units that shifted industries were removed from the survey data and not used in estimation.

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 2016 National Occupational Employment and Wage Estimates](#)

[May 2016 State Occupational Employment and Wage Estimates](#)

[May 2016 Metropolitan and Nonmetropolitan Area Occupational Employment and Wage Estimates](#)

[May 2016 National Industry-Specific Occupational Employment and Wage Estimates](#)

[May 2016 Occupation Profiles](#)

Last Modified Date: March 31, 2017

May 2016 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	MSA, metropolitan division, or state FIPS 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	Contains "TRUE" if only the hourly wages are released. Some occupations, such as actors, 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	61,520	1.1	1000.000	1.00	16.73	34,790	2.6	8.76	9.27	12.77	19.78	29.76	18,220	19,280	26,570	41,140	61,900
11-0000	Management Occupations	major	5,170	2.3	83.992	1.66	31.68	65,900	2.0	13.03	18.73	27.64	38.94	53.41	27,110	38,960	57,500	81,000	111,090
11-1011	Chief Executives	detailed	540	7.8	8.770	5.51	46.57	96,870	5.5	12.81	20.99	35.95	60.78	96.83	26,640	43,670	74,770	126,430	201,400
11-1021	General and Operations Managers	detailed	1,600	5.5	26.023	1.67	27.74	57,700	2.5	11.54	15.91	23.33	34.55	48.72	24,010	33,090	48,520	71,850	101,340
11-2011	Advertising and Promotions Managers	detailed	50	23.8	0.892	4.34	25.68	53,420	6.3	13.77	18.02	23.97	34.47	38.43	28,640	37,480	49,860	71,690	79,940
11-2021	Marketing Managers	detailed	80	9.1	1.268	0.86	27.18	56,540	3.5	14.26	17.26	23.92	33.13	46.86	29,660	35,890	49,760	68,920	97,470
11-2022	Sales Managers	detailed	290	8.0	4.643	1.78	24.39	50,740	3.8	10.82	15.71	22.63	29.58	38.00	22,520	32,670	47,080	61,530	79,040
11-3011	Administrative Services Managers	detailed	520	3.2	8.372	4.41	27.99	58,210	1.5	16.21	20.33	25.66	33.47	44.29	33,730	42,290	53,370	69,610	92,120
11-3021	Computer and Information Systems Managers	detailed	70	17.9	1.096	0.44	35.14	73,100	2.1	21.27	26.27	30.73	39.25	56.12	44,250	54,640	63,920	81,650	116,740
11-3031	Financial Managers	detailed	360	4.1	5.803	1.50	32.46	67,510	1.9	17.51	23.04	29.07	38.75	50.71	36,420	47,920	60,460	80,590	105,470
11-3051	Industrial Production Managers	detailed	40	20.4	0.722	0.60	36.47	75,860	3.1	21.89	32.03	36.96	43.57	48.01	45,530	66,630	76,870	90,620	99,850
11-3061	Purchasing Managers	detailed	60	15.3	0.990	1.94	24.92	51,820	3.9	12.28	16.63	23.35	30.79	37.93	25,540	34,600	48,580	64,030	78,900
11-3071	Transportation, Storage, and Distribution Managers	detailed	120	11.0	1.874	2.32	29.81	62,000	5.2	13.53	18.09	25.28	41.25	52.78	28,140	37,630	52,570	85,810	109,770
11-3121	Human Resources Managers	detailed	90	2.8	1.512	1.64	27.34	56,880	2.6	14.18	18.67	24.58	35.97	43.88	29,500	38,840	51,130	74,820	91,260
11-9021	Construction Managers	detailed	270	13.1	4.449	2.50	40.62	84,500	5.8	22.15	29.15	36.81	51.37	66.03	46,080	60,630	76,570	106,860	137,340
11-9032	Education Administrators, Elementary and Secondary School	detailed	110	8.2	1.799	1.04	*	69,050	3.9	*	*	*	*	*	47,400	61,440	70,260	78,000	90,690
11-9039	Education Administrators, All Other	detailed	220	0.6	3.534	14.53	43.66	90,810	2.3	32.47	37.50	42.85	51.11	56.78	67,530	78,000	89,140	106,310	118,110
11-9041	Architectural and Engineering Managers	detailed	60	31.5	1.013	0.80	39.54	82,250	2.7	19.84	29.57	40.40	49.58	57.53	41,260	61,500	84,040	103,120	119,660
11-9051	Food Service Managers	detailed	190	9.3	3.105	2.16	15.74	32,730	3.0	10.28	11.78	14.80	18.29	23.11	21,380	24,510	30,790	38,050	48,070
11-9081	Lodging Managers	detailed	50	11.1	0.840	3.33	22.28	46,350	5.9	12.65	14.29	17.47	28.92	36.86	26,320	29,730	36,340	60,150	76,660
11-9111	Medical and Health Services Managers	detailed	60	13.4	0.923	0.39	40.25	83,720	5.4	23.53	27.09	35.00	44.89	59.20	48,940	56,340	72,810	93,370	123,140
11-9141	Property, Real Estate, and Community Association Managers	detailed	70	9.5	1.214	0.95	25.47	52,980	5.9	11.86	14.70	23.54	34.69	44.31	24,670	30,580	48,950	72,160	92,170
11-9151	Social and Community Service Managers	detailed	40	3.9	0.608	0.68	27.31	56,810	2.0	18.65	20.77	24.38	31.40	37.70	38,790	43,200	50,700	65,300	78,420
11-9199	Managers, All Other	detailed	130	3.9	2.081	0.72	35.39	73,610	2.2	16.62	25.57	32.50	44.94	52.29	34,560	53,180	67,600	93,480	108,770
13-0000	Business and Financial Operations Occupations	major	2,450	2.3	39.832	0.77	24.29	50,530	4.4	12.86	16.59	22.46	30.55	38.69	26,760	34,510	46,720	63,530	80,480
13-1022	Wholesale and Retail Buyers, Except Farm Products	detailed	90	5.2	1.478	1.90	13.76	28,620	2.0	9.19	10.88	13.02	14.89	18.54	19,110	22,620	27,080	30,960	38,550
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	detailed	130	4.5	2.183	1.03	25.98	54,040	5.0	11.12	13.91	21.55	37.56	43.31	23,130	28,930	44,830	78,120	90,080
13-1031	Claims Adjusters, Examiners, and Investigators	detailed	100	17.2	1.603	0.82	17.95	37,340	1.9	10.57	12.62	16.62	21.13	25.06	21,990	26,260	34,570	43,950	52,120
13-1041	Compliance Officers	detailed	220	4.3	3.643	1.87	29.68	61,730	7.5	16.23	21.55	28.71	38.69	38.70	33,760	44,830	59,720	80,480	80,500
13-1051	Cost Estimators	detailed	50	12.3	0.759	0.50	27.67	57,540	3.7	13.79	19.74	27.33	35.29	40.27	28,690	41,050	56,850	73,390	83,770
13-1071	Human Resources Specialists	detailed	200	4.0	3.267	0.87	23.55	48,980	3.0	13.99	17.90	22.89	28.30	34.90	29,110	37,230	47,620	58,860	72,590
13-1081	Logisticians	detailed	30	13.6	0.491	0.47	35.09	72,990	2.3	29.03	29.82	32.29	40.97	43.31	60,390	62,020	67,160	85,210	90,080
13-1111	Management Analysts	detailed	190	2.3	3.071	0.68	27.64	57,490	6.3	13.89	17.81	24.90	34.71	42.16	28,890	37,050	51,800	72,200	87,690

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
13-1121	Meeting, Convention, and Event Planners	detailed	40	9.1	0.592	0.87	17.52	36,450	3.1	11.68	15.26	18.06	21.04	22.99	24,290	31,750	37,560	43,770	47,820
13-1151	Training and Development Specialists	detailed	30	0.0	0.491	0.26	17.44	36,270	2.1	12.50	13.77	16.39	20.36	23.61	26,000	28,640	34,090	42,350	49,110
13-1161	Market Research Analysts and Marketing Specialists	detailed	60	10.8	1.037	0.26	19.97	41,530	4.1	10.96	15.63	19.76	23.98	29.31	22,790	32,500	41,100	49,890	60,960
13-1199	Business Operations Specialists, All Other	detailed	280	3.4	4.514	0.66	32.90	68,440	2.3	20.86	27.47	33.23	38.36	44.39	43,390	57,130	69,120	79,800	92,320
13-2011	Accountants and Auditors	detailed	520	4.7	8.516	0.96	21.16	44,010	1.3	13.57	16.42	19.94	24.58	30.35	28,220	34,140	41,470	51,130	63,120
13-2031	Budget Analysts	detailed	50	1.2	0.810	2.08	*	*	*	*	*	*	*	*	*	*	*	*	*
13-2041	Credit Analysts	detailed	40	7.1	0.668	1.29	26.50	55,120	5.7	11.35	20.37	23.73	32.89	37.74	23,610	42,370	49,360	68,400	78,510
13-2053	Insurance Underwriters	detailed	90	41.7	1.474	2.26	20.59	42,820	9.5	10.31	13.94	21.25	26.62	30.45	21,440	29,000	44,190	55,380	63,330
13-2072	Loan Officers	detailed	70	13.8	1.148	0.53	21.83	45,410	4.0	12.35	15.97	20.12	25.94	32.82	25,690	33,220	41,850	53,960	68,270
13-2082	Tax Preparers	detailed	40	19.6	0.636	1.27	19.71	41,000	5.2	13.83	15.74	17.68	21.41	32.61	28,760	32,740	36,780	44,540	67,830
15-0000	Computer and Mathematical Occupations	major	510	2.9	8.220	0.28	24.06	50,050	3.8	12.74	16.39	21.88	30.31	38.44	26,510	34,090	45,510	63,040	79,960
15-1121	Computer Systems Analysts	detailed	60	4.1	0.909	0.22	21.93	45,610	1.9	15.21	19.49	22.08	25.11	28.95	31,640	40,540	45,920	52,230	60,210
15-1142	Network and Computer Systems Administrators	detailed	80	16.0	1.265	0.47	26.67	55,470	5.5	17.15	20.72	26.14	33.60	37.38	35,680	43,090	54,380	69,890	77,750
15-1151	Computer User Support Specialists	detailed	120	6.0	1.999	0.47	17.10	35,560	2.4	10.11	12.41	16.48	21.22	26.31	21,040	25,820	34,270	44,150	54,720
15-1152	Computer Network Support Specialists	detailed	60	8.3	1.003	0.75	19.29	40,130	3.4	12.29	13.76	17.13	22.13	29.59	25,550	28,620	35,640	46,030	61,540
15-1199	Computer Occupations, All Other	detailed	80	0.0	1.361	0.73	35.84	74,550	3.2	17.97	32.72	38.17	42.07	45.79	37,370	68,050	79,400	87,510	95,240
17-0000	Architecture and Engineering Occupations	major	1,050	6.0	17.083	0.96	26.93	56,010	4.3	14.16	18.05	23.34	33.24	44.20	29,460	37,550	48,550	69,130	91,930
17-1011	Architects, Except Landscape and Naval	detailed	40	10.0	0.603	0.85	35.47	73,770	3.0	24.38	28.28	35.30	43.11	47.36	50,720	58,830	73,430	89,660	98,520
17-2051	Civil Engineers	detailed	340	12.0	5.502	2.68	29.23	60,790	6.3	17.25	20.13	24.40	34.61	45.05	35,880	41,870	50,760	72,000	93,700
17-2071	Electrical Engineers	detailed	160	32.8	2.547	1.95	23.93	49,780	6.0	14.89	17.81	22.05	28.72	37.40	30,960	37,050	45,860	59,750	77,780
17-2141	Mechanical Engineers	detailed	60	29.2	1.055	0.52	30.49	63,420	6.1	19.72	21.17	23.59	38.56	46.36	41,020	44,040	49,070	80,200	96,440
17-3011	Architectural and Civil Drafters	detailed	90	21.5	1.478	2.14	16.75	34,840	3.5	12.64	14.07	16.43	18.83	22.57	26,280	29,260	34,180	39,160	46,940
17-3023	Electrical and Electronics Engineering Technicians	detailed	70	11.8	1.180	1.23	23.69	49,270	3.9	10.45	13.47	25.89	31.08	38.69	21,730	28,020	53,860	64,640	80,480
17-3029	Engineering Technicians, Except Drafters, All Other	detailed	80	8.7	1.276	2.41	24.30	50,540	20.7	9.91	11.59	28.25	32.47	37.02	20,610	24,120	58,750	67,540	77,010
19-0000	Life, Physical, and Social Science Occupations	major	420	2.0	6.757	0.82	25.34	52,700	4.4	13.65	17.10	23.09	32.94	39.84	28,380	35,560	48,030	68,510	82,860
19-3051	Urban and Regional Planners	detailed	60	0.0	0.943	3.80	28.64	59,570	2.2	16.86	21.62	28.62	35.28	40.59	35,060	44,970	59,530	73,380	84,430
19-4021	Biological Technicians	detailed	80	0.0	1.354	2.54	17.21	35,790	2.5	13.42	14.81	17.41	19.17	21.37	27,910	30,810	36,210	39,860	44,440
21-0000	Community and Social Service Occupations	major	870	5.3	14.189	0.99	21.24	44,180	2.8	11.17	15.18	20.90	26.32	31.76	23,230	31,570	43,460	54,750	66,050
21-1012	Educational, Guidance, School, and Vocational Counselors	detailed	150	1.9	2.386	1.29	27.37	56,940	2.6	19.91	23.40	27.37	31.27	36.17	41,410	48,680	56,930	65,040	75,240
21-1015	Rehabilitation Counselors	detailed	**	**	**	**	17.43	36,240	4.0	15.22	15.99	17.26	18.54	20.81	31,660	33,250	35,910	38,560	43,290
21-1021	Child, Family, and School Social Workers	detailed	60	7.6	0.996	0.47	18.44	38,350	7.5	11.81	13.72	18.16	22.71	26.93	24,550	28,540	37,770	47,240	56,020
21-1022	Healthcare Social Workers	detailed	50	4.3	0.816	0.72	23.16	48,170	3.1	19.40	20.64	22.70	25.71	28.88	40,360	42,930	47,220	53,470	60,080
21-1023	Mental Health and Substance Abuse Social Workers	detailed	80	0.0	1.276	1.57	19.27	40,080	3.2	12.88	14.03	19.91	22.65	24.51	26,780	29,190	41,400	47,110	50,990
21-1029	Social Workers, All Other	detailed	50	30.3	0.775	1.83	22.78	47,390	14.6	15.25	16.39	18.29	29.43	37.56	31,720	34,090	38,040	61,220	78,120

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
21-1091	Health Educators	detailed	110	2.0	1.728	4.21	23.39	48,660	2.7	17.47	20.14	22.87	26.76	29.78	36,330	41,900	47,560	55,650	61,930
21-1093	Social and Human Service Assistants	detailed	100	0.0	1.556	0.61	15.10	31,410	2.1	10.93	12.58	14.15	17.35	21.59	22,730	26,170	29,430	36,090	44,900
21-2011	Clergy	detailed	50	35.1	0.883	2.51	18.39	38,250	21.9	8.54	8.92	20.58	24.85	28.83	17,760	18,550	42,800	51,680	59,970
23-0000	Legal Occupations	major	370	2.4	5.971	0.78	32.53	67,660	4.9	13.71	17.92	28.41	42.73	52.99	28,520	37,260	59,100	88,870	110,230
23-1011	Lawyers	detailed	200	2.5	3.189	0.72	43.50	90,480	5.4	25.41	30.98	41.25	49.56	61.40	52,850	64,440	85,800	103,070	127,710
23-2011	Paralegals and Legal Assistants	detailed	50	12.8	0.832	0.42	21.23	44,170	2.0	14.48	16.52	19.44	26.79	30.47	30,110	34,360	40,440	55,720	63,380
25-0000	Education, Training, and Library Occupations	major	4,420	2.6	71.919	1.17	20.74	43,150	3.3	10.09	11.79	18.48	26.26	33.00	21,000	24,520	38,430	54,630	68,630
25-2011	Preschool Teachers, Except Special Education	detailed	70	17.2	1.174	0.43	15.92	33,110	8.0	8.84	10.39	14.94	21.04	24.79	18,380	21,610	31,070	43,760	51,570
25-2012	Kindergarten Teachers, Except Special Education	detailed	90	13.0	1.543	1.43	*	45,260	6.5	*	*	*	*	*	22,230	33,090	46,080	57,790	65,820
25-2021	Elementary School Teachers, Except Special Education	detailed	870	4.7	14.145	1.43	*	46,490	3.9	*	*	*	*	*	29,580	37,020	47,510	57,060	62,590
25-2022	Middle School Teachers, Except Special and Career/Technical Education	detailed	510	5.0	8.354	1.87	*	45,830	3.7	*	*	*	*	*	31,650	36,880	45,270	54,980	62,090
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	detailed	620	10.7	10.122	1.42	*	46,080	4.1	*	*	*	*	*	28,480	35,640	45,220	55,580	62,650
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	detailed	180	4.8	2.929	1.40	*	33,900	2.9	*	*	*	*	*	21,390	21,390	21,400	39,620	61,460
25-4021	Librarians	detailed	60	8.6	1.014	1.10	25.39	52,810	2.8	11.85	19.91	25.45	30.24	37.09	24,660	41,410	52,930	62,890	77,150
25-4031	Library Technicians	detailed	30	2.7	0.493	0.74	14.89	30,970	2.7	12.03	13.20	15.13	17.05	18.19	25,030	27,450	31,470	35,460	37,840
25-9031	Instructional Coordinators	detailed	160	1.6	2.625	2.50	*	*	*	*	*	*	*	*	*	*	*	*	*
25-9041	Teacher Assistants	detailed	760	3.3	12.434	1.38	*	24,690	3.2	*	*	*	*	*	18,900	20,690	23,490	28,400	33,770
25-9099	Education, Training, and Library Workers, All Other	detailed	60	0.0	1.008	1.41	16.65	34,640	2.3	13.14	13.89	14.36	18.13	20.20	27,330	28,880	29,870	37,700	42,010
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	major	680	14.5	11.026	0.81	15.58	32,410	4.4	8.85	9.52	12.85	18.60	25.90	18,400	19,790	26,730	38,680	53,870
27-1024	Graphic Designers	detailed	100	19.8	1.652	1.10	12.58	26,160	3.0	9.68	10.54	11.95	13.96	16.07	20,140	21,910	24,850	29,040	33,430
27-2022	Coaches and Scouts	detailed	**	**	**	**	*	39,520	7.7	*	*	*	*	*	23,050	27,290	33,470	44,850	74,200
27-3022	Reporters and Correspondents	detailed	50	14.6	0.808	2.83	12.71	26,440	3.0	8.88	9.57	12.30	14.54	18.08	18,470	19,910	25,590	30,250	37,610
27-3031	Public Relations Specialists	detailed	30	0.0	0.509	0.31	24.43	50,810	1.7	14.53	19.49	23.54	28.49	35.33	30,230	40,530	48,970	59,250	73,480
27-4031	Camera Operators, Television, Video, and Motion Picture	detailed	40	18.1	0.639	4.13	11.52	23,960	2.1	8.74	9.24	10.65	13.25	16.20	18,180	19,210	22,150	27,550	33,700
29-0000	Healthcare Practitioners and Technical Occupations	major	1,690	5.4	27.542	0.46	29.72	61,810	2.9	12.34	15.11	21.59	31.64	56.70	25,660	31,430	44,910	65,810	117,950
29-1031	Dietitians and Nutritionists	detailed	30	0.0	0.515	1.18	22.51	46,830	2.2	12.71	14.52	18.01	32.60	37.66	26,440	30,200	37,460	67,820	78,330
29-1051	Pharmacists	detailed	70	31.4	1.159	0.53	53.99	112,300	3.7	35.31	52.08	56.65	61.23	64.69	73,450	108,320	117,830	127,350	134,550
29-1062	Family and General Practitioners	detailed	50	6.7	0.816	0.93	*	*	*	*	*	*	*	*	*	*	*	*	*
29-1069	Physicians and Surgeons, All Other	detailed	60	7.1	1.029	0.43	106.31	221,130	10.2	38.79	74.89	#	#	#	80,670	155,770	#	#	#
29-1141	Registered Nurses	detailed	400	2.7	6.543	0.32	25.43	52,890	1.9	16.93	20.47	25.20	29.84	35.32	35,220	42,580	52,410	62,070	73,460
29-1171	Nurse Practitioners	detailed	30	6.0	0.504	0.47	24.99	51,980	3.5	15.65	17.26	21.84	33.09	38.72	32,560	35,890	45,420	68,820	80,540
29-2011	Medical and Clinical Laboratory Technologists	detailed	40	0.0	0.623	0.52	29.57	61,500	3.0	18.70	25.48	31.49	35.21	37.44	38,890	52,990	65,490	73,230	77,880
29-2012	Medical and Clinical Laboratory Technicians	detailed	50	0.0	0.746	0.65	16.57	34,470	1.8	12.12	13.39	16.05	20.24	22.59	25,220	27,860	33,380	42,090	46,980

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
29-2031	Cardiovascular Technologists and Technicians	detailed	30	14.1	0.562	1.47	18.12	37,680	6.2	12.60	13.48	14.98	24.98	28.35	26,200	28,040	31,150	51,960	58,960
29-2034	Radiologic Technologists	detailed	50	14.2	0.788	0.55	20.43	42,490	1.8	15.21	16.86	19.60	23.55	28.36	31,640	35,060	40,770	48,980	58,990
29-2052	Pharmacy Technicians	detailed	**	**	**	**	14.73	30,650	4.4	12.56	13.17	14.18	15.21	19.32	26,130	27,390	29,480	31,650	40,180
29-2061	Licensed Practical and Licensed Vocational Nurses	detailed	80	19.0	1.247	0.25	16.39	34,090	1.9	12.38	13.51	15.66	18.56	22.22	25,740	28,090	32,570	38,610	46,220
29-2071	Medical Records and Health Information Technicians	detailed	60	4.2	0.967	0.68	14.24	29,620	2.4	8.83	9.45	13.84	18.12	20.78	18,360	19,650	28,790	37,700	43,230
29-9011	Occupational Health and Safety Specialists	detailed	110	15.1	1.816	3.33	23.71	49,320	3.5	14.37	17.68	24.10	28.61	32.34	29,900	36,770	50,120	59,500	67,270
29-9012	Occupational Health and Safety Technicians	detailed	50	0.5	0.842	7.14	12.94	26,920	2.3	8.78	9.54	11.64	15.15	19.68	18,270	19,840	24,200	31,520	40,920
31-0000	Healthcare Support Occupations	major	820	5.8	13.310	0.46	11.97	24,890	3.0	8.75	9.25	11.15	13.61	16.42	18,200	19,240	23,190	28,310	34,160
31-1014	Nursing Assistants	detailed	220	1.3	3.640	0.35	12.26	25,510	3.6	8.93	11.45	12.76	13.82	14.45	18,570	23,820	26,540	28,740	30,060
31-9011	Massage Therapists	detailed	120	24.4	1.907	2.79	9.50	19,770	3.0	8.59	8.84	9.25	9.96	11.27	17,870	18,380	19,230	20,710	23,430
31-9091	Dental Assistants	detailed	150	14.0	2.453	1.05	14.21	29,570	9.4	8.89	9.83	12.74	18.05	22.57	18,500	20,450	26,500	37,550	46,950
31-9092	Medical Assistants	detailed	180	11.7	2.939	0.66	11.71	24,370	3.5	8.88	9.52	11.13	13.70	15.75	18,470	19,800	23,140	28,500	32,770
31-9097	Phlebotomists	detailed	50	0.0	0.816	0.95	9.67	20,120	3.8	8.65	8.88	9.28	9.69	11.90	17,990	18,480	19,290	20,150	24,750
33-0000	Protective Service Occupations	major	2,720	8.5	44.239	1.83	17.79	37,000	4.1	8.76	9.25	16.01	23.73	30.09	18,220	19,240	33,300	49,370	62,590
33-1099	First-Line Supervisors of Protective Service Workers, All Other	detailed	70	0.9	1.084	2.09	*	*	*	*	*	*	*	*	*	*	*	*	*
33-9032	Security Guards	detailed	970	23.7	15.833	2.02	9.63	20,020	3.2	8.57	8.77	9.09	9.41	10.77	17,830	18,240	18,910	19,580	22,400
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	detailed	100	8.8	1.574	1.52	9.68	20,140	2.8	8.47	8.70	9.08	10.26	12.12	17,610	18,100	18,890	21,330	25,210
33-9093	Transportation Security Screeners	detailed	300	0.0	4.860	15.96	19.44	40,440	2.7	15.18	17.42	18.00	21.13	25.83	31,570	36,240	37,440	43,940	53,720
35-0000	Food Preparation and Serving Related Occupations	major	6,540	5.0	106.304	1.15	9.74	20,250	1.2	8.58	8.79	9.14	9.55	11.70	17,850	18,280	19,010	19,870	24,340
35-1011	Chefs and Head Cooks	detailed	210	5.9	3.458	3.62	13.45	27,970	5.5	8.63	8.95	9.65	16.08	22.97	17,960	18,610	20,080	33,440	47,770
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	detailed	310	14.1	5.057	0.78	11.29	23,490	2.2	8.81	9.31	10.49	11.95	16.02	18,320	19,370	21,810	24,850	33,320
35-2011	Cooks, Fast Food	detailed	530	40.8	8.581	2.35	9.17	19,080	3.7	8.52	8.69	8.98	9.26	9.56	17,720	18,080	18,670	19,270	19,880
35-2012	Cooks, Institution and Cafeteria	detailed	60	4.1	1.052	0.36	11.20	23,290	2.3	8.74	9.17	10.76	13.21	14.49	18,180	19,070	22,380	27,480	30,130
35-2014	Cooks, Restaurant	detailed	980	10.7	15.989	1.84	9.93	20,650	2.1	8.59	8.83	9.24	10.33	12.03	17,860	18,370	19,220	21,490	25,030
35-2015	Cooks, Short Order	detailed	60	39.5	0.957	0.73	8.99	18,690	3.3	8.54	8.71	9.00	9.30	9.54	17,760	18,120	18,720	19,340	19,830
35-2021	Food Preparation Workers	detailed	740	19.9	12.084	1.99	9.28	19,300	2.1	8.58	8.77	9.08	9.40	9.70	17,850	18,240	18,880	19,540	20,190
35-3011	Bartenders	detailed	190	18.7	3.116	0.73	9.26	19,270	2.2	8.54	8.73	9.05	9.41	10.65	17,760	18,160	18,820	19,570	22,160
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	detailed	410	40.6	6.598	0.27	9.76	20,310	5.7	8.67	8.95	9.42	10.47	11.58	18,040	18,620	19,590	21,780	24,080
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	detailed	320	41.3	5.205	1.46	8.99	18,700	3.9	8.57	8.74	9.02	9.30	9.50	17,820	18,170	18,760	19,340	19,760
35-3031	Waiters and Waitresses	detailed	1,810	7.2	29.461	1.61	9.73	20,240	3.1	8.58	8.78	9.12	9.50	12.17	17,840	18,260	18,960	19,750	25,310
35-3041	Food Servers, Nonrestaurant	detailed	90	19.3	1.395	0.75	9.81	20,400	3.1	8.61	8.84	9.24	10.42	12.22	17,900	18,390	19,210	21,680	25,420

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35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	detailed	100	35.3	1.663	0.55	9.01	18,750	3.0	8.58	8.75	9.05	9.34	9.56	17,840	18,210	18,810	19,420	19,880
35-9021	Dishwashers	detailed	380	11.5	6.184	1.71	9.08	18,880	1.5	8.57	8.74	9.03	9.34	9.56	17,820	18,180	18,790	19,420	19,880
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	detailed	320	11.2	5.226	1.81	9.06	18,840	2.9	8.56	8.73	9.01	9.31	9.53	17,800	18,150	18,750	19,360	19,820
37-0000	Building and Grounds Cleaning and Maintenance Occupations	major	3,160	4.1	51.330	1.63	9.91	20,610	1.1	8.59	8.80	9.17	9.66	12.33	17,860	18,310	19,070	20,090	25,640
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	detailed	210	5.0	3.378	2.94	12.82	26,670	2.2	8.83	9.36	10.92	14.41	19.94	18,370	19,470	22,720	29,980	41,480
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	detailed	920	9.5	15.000	0.97	10.03	20,860	1.9	8.61	8.85	9.23	9.97	13.14	17,920	18,400	19,200	20,730	27,340
37-2012	Maids and Housekeeping Cleaners	detailed	1,270	5.2	20.618	3.13	9.07	18,870	1.4	8.54	8.71	9.00	9.29	9.54	17,760	18,120	18,710	19,320	19,830
37-2021	Pest Control Workers	detailed	40	30.8	0.582	1.12	11.34	23,580	4.1	8.89	9.62	10.92	12.57	14.29	18,490	20,010	22,710	26,140	29,720
37-3011	Landscaping and Groundskeeping Workers	detailed	660	12.4	10.790	1.67	10.02	20,840	1.7	8.62	8.89	9.34	10.69	13.13	17,940	18,490	19,430	22,230	27,300
39-0000	Personal Care and Service Occupations	major	1,370	5.1	22.221	0.69	10.82	22,500	1.7	8.60	8.86	9.30	11.15	14.28	17,890	18,430	19,350	23,190	29,710
39-1021	First-Line Supervisors of Personal Service Workers	detailed	50	15.7	0.889	0.66	13.62	28,320	2.6	9.46	10.88	13.11	15.86	18.66	19,680	22,630	27,280	33,000	38,810
39-3031	Ushers, Lobby Attendants, and Ticket Takers	detailed	100	8.0	1.705	2.03	8.85	18,410	3.8	8.46	8.63	8.90	9.17	9.41	17,590	17,950	18,510	19,070	19,560
39-3091	Amusement and Recreation Attendants	detailed	210	32.3	3.433	1.68	9.13	18,990	2.7	8.53	8.72	9.03	9.38	9.69	17,740	18,130	18,780	19,520	20,150
39-5012	Hairdressers, Hairstylists, and Cosmetologists	detailed	100	30.2	1.689	0.67	12.55	26,110	6.3	9.27	10.16	11.84	13.95	15.30	19,280	21,140	24,620	29,020	31,820
39-6011	Baggage Porters and Bellhops	detailed	140	13.9	2.235	7.01	9.28	19,290	2.2	8.59	8.77	9.08	9.40	9.93	17,870	18,250	18,890	19,550	20,660
39-6012	Concierges	detailed	150	9.8	2.453	10.76	10.50	21,830	2.0	8.64	8.95	9.50	11.61	14.07	17,970	18,610	19,770	24,150	29,270
39-7011	Tour Guides and Escorts	detailed	150	48.9	2.398	8.71	9.75	20,280	3.5	8.59	8.83	9.22	9.76	11.65	17,870	18,360	19,190	20,300	24,230
39-9011	Childcare Workers	detailed	160	26.6	2.676	0.66	9.40	19,550	2.8	8.61	8.83	9.20	9.68	11.08	17,900	18,370	19,140	20,140	23,040
39-9031	Fitness Trainers and Aerobics Instructors	detailed	50	0.0	0.892	0.49	24.92	51,830	3.6	8.81	14.56	27.49	30.19	31.80	18,320	30,280	57,180	62,790	66,150
39-9032	Recreation Workers	detailed	160	8.2	2.523	1.05	10.56	21,970	2.5	8.62	8.86	9.27	10.92	14.09	17,930	18,440	19,280	22,710	29,320
41-0000	Sales and Related Occupations	major	4,810	3.3	78.166	0.75	11.14	23,160	1.3	8.66	8.94	9.44	11.57	15.06	18,010	18,590	19,630	24,060	31,330
41-1011	First-Line Supervisors of Retail Sales Workers	detailed	420	12.1	6.788	0.80	12.88	26,790	2.5	9.15	10.22	12.14	14.77	17.93	19,040	21,270	25,240	30,730	37,290
41-1012	First-Line Supervisors of Non-Retail Sales Workers	detailed	30	10.0	0.510	0.28	17.56	36,530	3.5	10.89	12.79	15.43	21.32	27.88	22,650	26,600	32,100	44,350	58,000
41-2011	Cashiers	detailed	1,990	9.2	32.373	1.28	9.53	19,820	1.0	8.60	8.81	9.17	9.64	11.37	17,890	18,330	19,060	20,040	23,650
41-2021	Counter and Rental Clerks	detailed	160	25.3	2.604	0.81	9.72	20,220	2.1	8.60	8.82	9.19	9.87	11.64	17,900	18,350	19,110	20,530	24,210
41-2022	Parts Salespersons	detailed	90	9.9	1.492	0.84	10.28	21,390	2.5	8.62	8.89	9.34	10.92	13.05	17,930	18,480	19,430	22,720	27,150
41-2031	Retail Salespersons	detailed	1,570	10.3	25.492	0.79	11.33	23,560	2.7	8.68	8.97	9.46	11.63	14.74	18,050	18,650	19,680	24,190	30,670
41-3011	Advertising Sales Agents	detailed	40	12.1	0.614	0.61	16.45	34,230	4.2	9.70	12.72	15.47	20.61	23.89	20,170	26,460	32,170	42,860	49,690
41-3021	Insurance Sales Agents	detailed	60	21.5	0.931	0.34	14.73	30,650	5.5	9.13	10.62	13.26	16.44	22.37	19,000	22,100	27,570	34,190	46,530
41-3041	Travel Agents	detailed	120	11.8	1.980	4.05	14.15	29,430	6.8	9.08	9.75	11.71	15.22	26.02	18,890	20,280	24,360	31,660	54,130
41-3099	Sales Representatives, Services, All Other	detailed	60	14.9	0.951	0.14	15.55	32,340	3.8	9.60	11.13	14.40	18.85	24.36	19,970	23,150	29,960	39,200	50,670

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41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	detailed	210	10.5	3.493	0.35	13.90	28,910	3.1	8.90	9.48	11.96	16.86	21.93	18,510	19,730	24,870	35,060	45,620
43-0000	Office and Administrative Support Occupations	major	10,790	1.5	175.459	1.12	13.81	28,720	2.1	8.81	9.36	11.68	16.69	22.67	18,310	19,460	24,290	34,720	47,160
43-1011	First-Line Supervisors of Office and Administrative Support Workers	detailed	840	4.3	13.650	1.33	19.17	39,880	2.9	10.37	13.64	18.10	23.78	29.38	21,570	28,360	37,650	49,450	61,110
43-2011	Switchboard Operators, Including Answering Service	detailed	70	11.0	1.208	1.87	11.67	24,270	4.3	8.82	9.29	10.24	11.68	18.06	18,340	19,320	21,300	24,290	37,560
43-3011	Bill and Account Collectors	detailed	140	9.1	2.287	1.07	12.48	25,960	2.2	8.94	9.69	11.50	14.60	17.90	18,590	20,160	23,910	30,370	37,220
43-3021	Billing and Posting Clerks	detailed	190	7.2	3.123	0.90	12.89	26,810	2.5	8.91	9.87	12.67	14.67	18.05	18,540	20,520	26,360	30,520	37,550
43-3031	Bookkeeping, Accounting, and Auditing Clerks	detailed	810	3.6	13.155	1.18	14.15	29,440	1.4	9.34	10.77	13.53	17.03	20.37	19,420	22,410	28,150	35,410	42,370
43-3051	Payroll and Timekeeping Clerks	detailed	60	3.5	1.039	0.91	15.24	31,700	2.0	10.38	12.73	15.22	17.65	19.67	21,590	26,480	31,650	36,710	40,920
43-3061	Procurement Clerks	detailed	80	9.9	1.365	2.66	15.22	31,660	10.1	8.81	9.68	13.32	20.19	23.09	18,330	20,140	27,700	42,000	48,040
43-3071	Tellers	detailed	250	4.2	4.052	1.15	11.50	23,920	2.2	9.54	10.11	11.10	12.27	14.50	19,840	21,020	23,100	25,510	30,160
43-4051	Customer Service Representatives	detailed	1,120	3.4	18.180	0.94	11.34	23,580	2.2	8.68	9.02	9.84	12.72	15.96	18,040	18,760	20,470	26,470	33,190
43-4071	File Clerks	detailed	40	15.9	0.582	0.62	11.10	23,080	4.2	8.57	8.84	9.31	12.67	16.96	17,820	18,380	19,360	26,340	35,270
43-4081	Hotel, Motel, and Resort Desk Clerks	detailed	290	6.4	4.638	2.62	9.49	19,730	1.1	8.56	8.78	9.14	9.64	11.36	17,810	18,260	19,010	20,060	23,630
43-4111	Interviewers, Except Eligibility and Loan	detailed	30	0.0	0.528	0.40	13.45	27,980	2.8	9.98	12.30	13.42	14.54	16.96	20,750	25,590	27,920	30,240	35,280
43-4131	Loan Interviewers and Clerks	detailed	40	14.2	0.689	0.43	12.19	25,360	3.3	9.09	9.74	11.20	13.87	17.60	18,910	20,250	23,300	28,840	36,620
43-4141	New Accounts Clerks	detailed	80	20.0	1.286	4.34	13.68	28,450	3.8	9.97	11.76	13.40	14.74	18.05	20,730	24,460	27,860	30,660	37,540
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	detailed	70	1.9	1.216	1.24	17.01	35,370	2.0	9.72	11.71	15.57	19.79	27.72	20,210	24,350	32,390	41,150	57,660
43-4171	Receptionists and Information Clerks	detailed	310	12.2	4.986	0.70	10.38	21,600	2.0	8.64	8.93	9.42	11.20	13.69	17,980	18,570	19,590	23,300	28,480
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	detailed	310	8.6	5.049	4.84	17.24	35,860	12.1	8.77	9.26	11.72	26.92	29.28	18,230	19,260	24,380	56,000	60,900
43-5011	Cargo and Freight Agents	detailed	170	4.1	2.793	4.41	*	*	*	*	*	*	*	*	*	*	*	*	*
43-5021	Couriers and Messengers	detailed	130	9.3	2.186	4.14	11.89	24,730	4.0	8.68	9.07	10.30	13.59	17.18	18,060	18,860	21,420	28,260	35,740
43-5032	Dispatchers, Except Police, Fire, and Ambulance	detailed	120	4.8	1.894	1.34	14.33	29,810	4.0	8.71	9.15	11.64	18.25	23.96	18,110	19,020	24,210	37,970	49,840
43-5051	Postal Service Clerks	detailed	30	0.0	0.553	0.95	23.02	47,880	*	15.63	15.64	27.30	27.31	27.31	32,520	32,530	56,790	56,800	56,800
43-5052	Postal Service Mail Carriers	detailed	30	0.0	0.536	0.23	23.88	49,670	*	16.07	17.70	28.34	28.78	28.78	33,420	36,810	58,940	59,850	59,860
43-5061	Production, Planning, and Expediting Clerks	detailed	270	6.7	4.410	1.92	19.07	39,670	3.3	9.34	12.35	19.43	24.52	28.90	19,430	25,700	40,420	51,010	60,120
43-5071	Shipping, Receiving, and Traffic Clerks	detailed	240	6.0	3.831	0.79	12.96	26,950	8.7	8.70	9.01	9.54	17.40	20.34	18,090	18,740	19,840	36,190	42,300
43-5081	Stock Clerks and Order Fillers	detailed	1,220	5.8	19.786	1.38	10.57	21,980	2.1	8.62	8.87	9.29	10.74	15.97	17,920	18,440	19,320	22,350	33,220
43-6011	Executive Secretaries and Executive Administrative Assistants	detailed	560	11.4	9.106	2.02	16.32	33,950	3.4	10.21	11.26	14.29	19.43	24.44	21,240	23,420	29,720	40,420	50,840
43-6012	Legal Secretaries	detailed	110	8.8	1.778	1.31	17.25	35,870	2.7	11.29	13.62	16.84	19.50	25.01	23,490	28,320	35,030	40,550	52,020
43-6013	Medical Secretaries	detailed	70	11.3	1.180	0.30	14.97	31,140	2.7	9.17	11.72	14.36	18.04	21.78	19,080	24,380	29,860	37,520	45,310

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43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	detailed	690	7.2	11.206	0.69	15.93	33,140	3.0	9.95	11.86	15.39	18.79	22.97	20,690	24,680	32,020	39,090	47,770
43-9011	Computer Operators	detailed	90	2.9	1.523	4.57	15.97	33,230	2.0	11.03	13.24	15.71	18.53	22.13	22,940	27,540	32,670	38,540	46,030
43-9021	Data Entry Keyers	detailed	170	2.3	2.729	1.97	14.53	30,210	6.9	9.34	10.29	11.49	13.73	30.95	19,430	21,410	23,890	28,570	64,370
43-9041	Insurance Claims and Policy Processing Clerks	detailed	**	**	**	**	12.19	25,360	3.8	9.21	10.23	11.61	13.54	15.48	19,150	21,280	24,160	28,160	32,200
43-9061	Office Clerks, General	detailed	1,450	4.5	23.531	1.12	10.78	22,420	1.5	8.68	9.04	9.81	11.65	14.29	18,050	18,810	20,410	24,230	29,720
43-9199	Office and Administrative Support Workers, All Other	detailed	80	10.4	1.247	0.81	17.13	35,640	6.8	10.08	13.89	18.21	20.19	21.82	20,970	28,890	37,880	42,000	45,380
45-0000	Farming, Fishing, and Forestry Occupations	major	70	1.0	1.172	0.35	13.36	27,800	3.1	8.92	9.77	11.53	15.41	21.20	18,540	20,320	23,990	32,060	44,100
47-0000	Construction and Extraction Occupations	major	5,230	3.8	84.988	2.14	14.64	30,450	1.5	9.49	12.32	14.01	16.46	19.40	19,740	25,620	29,140	34,240	40,350
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	detailed	330	21.5	5.293	1.38	21.64	45,010	5.8	13.68	15.70	19.51	26.57	33.11	28,450	32,650	40,580	55,270	68,870
47-2031	Carpenters	detailed	1,140	4.9	18.492	3.84	14.51	30,190	1.2	12.45	13.06	14.09	15.24	17.89	25,900	27,170	29,300	31,700	37,220
47-2051	Cement Masons and Concrete Finishers	detailed	640	14.3	10.335	8.34	14.27	29,670	1.8	12.34	12.97	14.00	15.11	17.56	25,660	26,980	29,120	31,430	36,530
47-2061	Construction Laborers	detailed	900	19.7	14.617	2.25	11.00	22,890	3.6	8.70	9.11	10.42	12.64	14.57	18,110	18,960	21,680	26,290	30,310
47-2073	Operating Engineers and Other Construction Equipment Operators	detailed	180	5.3	2.867	1.13	17.07	35,510	3.2	12.46	13.82	16.21	18.69	23.54	25,910	28,750	33,720	38,880	48,950
47-2111	Electricians	detailed	490	10.6	8.035	1.86	17.94	37,320	1.7	14.75	16.15	17.68	19.25	22.95	30,680	33,590	36,780	40,040	47,730
47-2141	Painters, Construction and Maintenance	detailed	170	7.9	2.747	1.78	14.16	29,460	1.8	11.52	12.69	13.87	15.06	17.88	23,970	26,400	28,850	31,330	37,180
47-2152	Plumbers, Pipefitters, and Steamfitters	detailed	170	14.0	2.786	0.95	16.68	34,700	2.7	11.32	13.60	16.40	19.41	23.12	23,550	28,280	34,120	40,370	48,090
47-2171	Reinforcing Iron and Rebar Workers	detailed	140	8.4	2.344	16.44	14.71	30,600	2.0	12.36	13.04	14.16	15.48	18.18	25,720	27,130	29,460	32,210	37,800
47-2211	Sheet Metal Workers	detailed	190	22.1	3.054	3.19	16.16	33,610	2.1	12.59	13.57	15.28	18.47	21.95	26,190	28,220	31,780	38,420	45,660
47-2221	Structural Iron and Steel Workers	detailed	30	8.0	0.566	1.14	14.01	29,150	2.7	12.25	12.95	13.94	14.99	16.52	25,480	26,930	28,990	31,190	34,350
47-3013	Helpers--Electricians	detailed	220	18.2	3.631	7.09	12.31	25,600	3.1	9.13	10.58	12.76	14.08	14.88	18,990	22,010	26,550	29,290	30,940
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	detailed	40	8.6	0.675	1.75	10.34	21,510	2.2	8.70	9.09	10.10	11.45	12.62	18,100	18,910	21,010	23,810	26,240
47-3019	Helpers, Construction Trades, All Other	detailed	90	16.3	1.469	9.46	10.37	21,570	5.1	8.62	8.85	9.24	12.70	14.15	17,930	18,420	19,220	26,410	29,430
49-0000	Installation, Maintenance, and Repair Occupations	major	3,010	2.9	48.893	1.26	16.32	33,940	2.8	9.02	10.49	14.21	19.63	27.22	18,760	21,820	29,560	40,830	56,610
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	detailed	230	3.6	3.683	1.14	24.21	50,360	4.1	11.79	14.96	21.67	32.70	41.74	24,530	31,120	45,080	68,020	86,820
49-2011	Computer, Automated Teller, and Office Machine Repairers	detailed	30	12.5	0.556	0.76	14.49	30,130	6.2	9.60	12.43	14.31	16.68	19.58	19,960	25,850	29,770	34,690	40,730
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	detailed	90	2.4	1.424	0.88	18.26	37,980	4.8	11.27	13.17	17.68	22.79	27.22	23,440	27,380	36,770	47,400	56,610

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49-2097	Electronic Home Entertainment Equipment Installers and Repairers	detailed	40	38.5	0.616	3.39	10.18	21,170	3.0	8.62	9.01	9.74	11.01	11.79	17,940	18,730	20,260	22,900	24,520
49-2098	Security and Fire Alarm Systems Installers	detailed	40	0.0	0.634	1.31	14.06	29,240	1.9	9.14	10.62	13.85	16.98	18.91	19,010	22,080	28,810	35,330	39,320
49-3021	Automotive Body and Related Repairers	detailed	30	19.1	0.499	0.49	12.01	24,980	3.8	8.77	9.36	12.04	14.12	16.17	18,240	19,460	25,040	29,360	33,640
49-3023	Automotive Service Technicians and Mechanics	detailed	220	6.6	3.514	0.76	13.84	28,780	2.3	9.19	10.73	13.39	16.37	18.90	19,120	22,310	27,850	34,060	39,310
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	detailed	110	31.1	1.864	1.03	16.91	35,160	2.7	12.62	15.01	17.03	18.98	22.00	26,250	31,210	35,410	39,470	45,760
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	detailed	210	6.1	3.451	3.92	17.81	37,050	1.9	12.62	14.29	17.27	21.35	24.12	26,250	29,720	35,910	44,400	50,170
49-3093	Tire Repairers and Changers	detailed	40	21.8	0.655	0.84	11.42	23,740	7.8	8.66	9.07	10.26	13.76	15.06	18,020	18,870	21,350	28,610	31,330
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	detailed	180	6.8	2.944	1.40	17.69	36,790	2.8	12.25	13.74	16.58	21.39	27.21	25,490	28,580	34,490	44,480	56,600
49-9051	Electrical Power-Line Installers and Repairers	detailed	30	6.9	0.549	0.66	21.81	45,370	4.0	12.45	16.31	23.10	27.22	29.44	25,890	33,930	48,040	56,610	61,220
49-9052	Telecommunications Line Installers and Repairers	detailed	40	25.5	0.644	0.90	*	*	*	*	*	*	*	*	*	*	*	*	*
49-9071	Maintenance and Repair Workers, General	detailed	830	5.3	13.510	1.42	13.77	28,630	3.3	8.83	9.56	11.96	15.71	19.49	18,370	19,890	24,890	32,670	40,540
49-9098	Helpers--Installation, Maintenance, and Repair Workers	detailed	380	5.7	6.146	7.27	10.18	21,180	1.5	8.61	8.96	9.55	11.06	12.57	17,910	18,640	19,860	23,000	26,140
49-9099	Installation, Maintenance, and Repair Workers, All Other	detailed	50	0.0	0.826	0.79	22.03	45,810	2.7	15.35	18.66	22.78	25.26	27.22	31,930	38,810	47,390	52,540	56,610
51-0000	Production Occupations	major	1,670	6.1	27.192	0.42	14.30	29,750	4.6	8.77	9.25	12.75	17.37	23.33	18,230	19,240	26,510	36,120	48,530
51-1011	First-Line Supervisors of Production and Operating Workers	detailed	110	17.1	1.786	0.41	23.64	49,170	3.3	12.76	15.23	21.42	32.19	37.87	26,540	31,680	44,560	66,950	78,770
51-2041	Structural Metal Fabricators and Fitters	detailed	**	**	**	**	14.20	29,530	6.3	12.44	13.10	14.18	15.26	17.63	25,860	27,240	29,490	31,730	36,680
51-2099	Assemblers and Fabricators, All Other	detailed	60	47.1	0.896	0.55	11.36	23,630	7.0	8.76	9.28	11.15	13.44	14.71	18,220	19,290	23,200	27,950	30,600
51-3011	Bakers	detailed	170	11.2	2.773	2.16	9.54	19,850	1.8	8.53	8.73	9.05	9.43	11.17	17,750	18,150	18,830	19,620	23,230
51-3021	Butchers and Meat Cutters	detailed	150	8.9	2.468	2.59	12.02	25,010	7.5	8.69	9.13	10.80	13.38	18.89	18,070	18,980	22,450	27,830	39,280
51-4121	Welders, Cutters, Solderers, and Brazers	detailed	160	9.6	2.534	0.93	17.63	36,670	3.9	11.72	15.47	17.31	19.50	23.87	24,370	32,170	36,000	40,560	49,650
51-5112	Printing Press Operators	detailed	60	42.0	0.928	0.77	13.05	27,140	5.0	10.10	12.39	13.41	14.42	15.11	21,010	25,780	27,890	29,990	31,420
51-6011	Laundry and Dry-Cleaning Workers	detailed	200	9.5	3.285	2.22	9.12	18,980	2.1	8.60	8.78	9.08	9.39	9.62	17,880	18,260	18,890	19,520	20,000
51-8031	Water and Wastewater Treatment Plant and System Operators	detailed	100	0.0	1.564	1.90	18.99	39,490	2.4	13.40	15.50	18.57	22.43	24.97	27,870	32,230	38,620	46,660	51,940
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	detailed	40	24.1	0.603	0.16	15.20	31,610	4.7	10.41	12.75	14.41	17.37	21.80	21,650	26,530	29,970	36,140	45,340
51-9111	Packaging and Filling Machine Operators and Tenders	detailed	50	15.0	0.767	0.28	10.42	21,680	4.1	8.70	9.04	9.60	11.46	13.60	18,100	18,800	19,970	23,840	28,290
51-9122	Painters, Transportation Equipment	detailed	50	44.1	0.865	2.21	15.80	32,860	3.2	12.34	13.09	14.35	19.22	22.31	25,660	27,230	29,850	39,980	46,400

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51-9198	Helpers--Production Workers	detailed	80	21.7	1.287	0.42	10.95	22,780	5.2	8.72	9.14	10.22	12.98	14.22	18,130	19,000	21,270	27,000	29,570
53-0000	Transportation and Material Moving Occupations	major	3,700	4.7	60.197	0.87	13.64	28,370	4.2	8.66	9.03	10.83	15.50	24.72	18,010	18,780	22,540	32,240	51,410
53-1021	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	detailed	60	3.3	0.909	0.69	17.85	37,120	2.0	11.26	13.64	16.68	21.93	26.85	23,410	28,380	34,700	45,610	55,840
53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	detailed	90	8.0	1.419	0.98	16.51	34,350	4.8	9.21	12.65	14.70	20.37	26.08	19,160	26,310	30,570	42,370	54,240
53-2022	Airfield Operations Specialists	detailed	50	49.1	0.879	14.10	*	*	*	*	*	*	*	*	*	*	*	*	*
53-3021	Bus Drivers, Transit and Intercity	detailed	130	24.0	2.191	1.81	9.51	19,790	3.0	8.57	8.78	9.14	9.64	11.63	17,820	18,260	19,000	20,050	24,190
53-3022	Bus Drivers, School or Special Client	detailed	160	0.0	2.672	0.73	15.09	31,390	3.0	12.48	13.22	14.44	16.78	18.84	25,960	27,490	30,040	34,910	39,190
53-3031	Driver/Sales Workers	detailed	190	16.7	3.082	1.02	9.79	20,360	2.1	8.57	8.80	9.19	10.25	12.56	17,820	18,310	19,110	21,330	26,120
53-3032	Heavy and Tractor-Trailer Truck Drivers	detailed	400	12.9	6.497	0.54	13.92	28,950	1.9	10.80	12.42	13.89	15.35	17.59	22,470	25,840	28,900	31,930	36,590
53-3033	Light Truck or Delivery Services Drivers	detailed	340	9.3	5.540	0.91	10.43	21,690	2.0	8.64	8.93	9.43	11.42	14.03	17,960	18,570	19,620	23,760	29,180
53-3041	Taxi Drivers and Chauffeurs	detailed	230	26.6	3.721	2.77	9.44	19,630	2.3	8.58	8.81	9.18	9.69	11.15	17,850	18,320	19,090	20,150	23,190
53-3099	Motor Vehicle Operators, All Other	detailed	40	32.4	0.679	1.78	20.80	43,270	9.5	15.77	16.84	18.63	24.53	30.29	32,800	35,030	38,760	51,030	63,010
53-6031	Automotive and Watercraft Service Attendants	detailed	100	9.1	1.548	1.98	9.76	20,290	5.2	8.57	8.75	9.06	9.40	10.35	17,820	18,210	18,850	19,550	21,520
53-6051	Transportation Inspectors	detailed	50	10.8	0.741	3.79	*	*	*	*	*	*	*	*	*	*	*	*	*
53-7021	Crane and Tower Operators	detailed	60	21.3	0.977	3.05	18.63	38,750	5.7	13.02	14.32	17.14	23.06	27.67	27,080	29,780	35,660	47,950	57,560
53-7032	Excavating and Loading Machine and Dragline Operators	detailed	130	22.1	2.134	6.20	15.47	32,170	2.2	10.81	12.37	15.01	17.90	21.61	22,490	25,730	31,220	37,230	44,950
53-7051	Industrial Truck and Tractor Operators	detailed	120	8.6	1.930	0.50	14.50	30,170	2.9	8.98	11.22	13.96	17.72	21.03	18,680	23,330	29,040	36,860	43,740
53-7061	Cleaners of Vehicles and Equipment	detailed	**	**	**	**	9.58	19,930	4.8	8.42	8.62	8.92	9.23	11.61	17,500	17,920	18,560	19,190	24,140
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	detailed	430	11.1	7.050	0.38	11.14	23,180	4.2	8.56	8.80	9.20	13.25	17.08	17,800	18,300	19,130	27,550	35,530
53-7064	Packers and Packers, Hand	detailed	190	35.1	3.024	0.60	9.38	19,510	3.1	8.60	8.80	9.12	9.45	10.64	17,900	18,300	18,970	19,650	22,130
53-7081	Refuse and Recyclable Material Collectors	detailed	160	0.0	2.624	3.21	9.94	20,670	4.1	8.71	9.05	9.58	10.79	11.79	18,120	18,820	19,930	22,430	24,520