

Occupational Employment Statistics

May 2017 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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- 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](#)
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- 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	1.3%	1000.000	1.00	\$13.00	\$17.30	\$35,980	2.7%
11-0000	Management Occupations	major	5,170	2.4%	84.107	1.65	\$28.57	\$33.46	\$69,590	2.4%
11-1011	Chief Executives	detail	420	7.1%	6.802	4.61	\$47.64	\$60.46	\$125,750	7.4%
11-1021	General and Operations Managers	detail	1,610	6.4%	26.118	1.68	\$25.70	\$30.57	\$63,590	3.4%
11-2011	Advertising and Promotions Managers	detail	40	11.7%	0.611	3.10	\$20.78	\$23.03	\$47,890	3.4%
11-2021	Marketing Managers	detail	80	7.5%	1.347	0.88	\$27.01	\$29.24	\$60,820	3.3%
11-2022	Sales Managers	detail	310	7.8%	5.003	1.92	\$22.48	\$25.68	\$53,420	4.3%
11-3011	Administrative Services Managers	detail	650	4.5%	10.518	5.55	\$25.19	\$26.97	\$56,100	1.7%
11-3021	Computer and Information Systems Managers	detail	70	3.0%	1.133	0.44	\$36.08	\$40.38	\$84,000	2.9%
11-3031	Financial Managers	detail	370	3.3%	6.077	1.52	\$30.53	\$34.35	\$71,450	1.9%
11-3051	Industrial Production Managers	detail	50	26.6%	0.809	0.67	\$37.35	\$37.13	\$77,230	3.4%
11-3061	Purchasing Managers	detail	50	5.5%	0.870	1.76	\$20.56	\$25.53	\$53,090	5.5%
11-3071	Transportation, Storage, and Distribution Managers	detail	130	9.3%	2.077	2.49	\$26.20	\$29.54	\$61,450	4.3%
11-3121	Human Resources Managers	detail	100	10.7%	1.632	1.71	\$28.71	\$30.45	\$63,340	2.1%
11-9021	Construction Managers	detail	230	11.7%	3.675	1.99	\$34.89	\$38.91	\$80,930	4.9%
11-9032	Education Administrators, Elementary and Secondary School	detail	110	3.4%	1.764	1.00	(4)	(4)	\$72,360	3.3%
11-9039	Education Administrators, All Other	detail	230	2.1%	3.720	14.66	\$45.16	\$44.81	\$93,210	2.4%
11-9041	Architectural and Engineering Managers	detail	50	12.4%	0.764	0.61	\$39.59	\$39.35	\$81,860	3.7%
11-9051	Food Service Managers	detail	200	16.9%	3.259	2.23	\$16.37	\$16.93	\$35,220	2.7%
11-9081	Lodging Managers	detail	40	7.4%	0.686	2.67	\$17.53	\$21.93	\$45,600	6.4%
11-9111	Medical and Health Services Managers	detail	70	16.1%	1.214	0.50	\$36.84	\$41.04	\$85,370	3.9%

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11-9141	Property, Real Estate, and Community Association Managers	detail	50	6.3%	0.795	0.61	\$23.21	\$24.51	\$50,980	3.6%
11-9151	Social and Community Service Managers	detail	50	14.0%	0.840	0.84	\$24.39	\$26.36	\$54,830	3.0%
11-9199	Managers, All Other	detail	150	3.3%	2.358	0.78	\$32.20	\$35.11	\$73,030	1.8%
13-0000	Business and Financial Operations Occupations	major	2,390	2.0%	38.866	0.74	\$23.07	\$24.76	\$51,500	4.6%
13-1020	Buyers and Purchasing Agents	broad	230	4.4%	3.670	1.27	\$17.31	\$22.67	\$47,150	8.7%
13-1031	Claims Adjusters, Examiners, and Investigators	detail	90	12.8%	1.492	0.75	\$19.69	\$21.58	\$44,880	6.4%
13-1041	Compliance Officers	detail	210	1.7%	3.452	1.71	\$29.95	\$30.54	\$63,530	7.4%
13-1051	Cost Estimators	detail	30	10.8%	0.566	0.38	\$25.61	\$27.46	\$57,110	2.3%
13-1071	Human Resources Specialists	detail	210	3.0%	3.486	0.90	\$23.33	\$24.08	\$50,090	2.7%
13-1081	Logisticians	detail	30	6.7%	0.496	0.44	\$33.77	\$35.34	\$73,500	2.8%
13-1111	Management Analysts	detail	140	2.9%	2.306	0.50	\$28.78	\$28.98	\$60,280	6.1%
13-1121	Meeting, Convention, and Event Planners	detail	50	7.5%	0.845	1.18	\$17.06	\$16.78	\$34,900	3.2%
13-1161	Market Research Analysts and Marketing Specialists	detail	70	5.8%	1.159	0.28	\$20.09	\$20.42	\$42,470	3.5%
13-1199	Business Operations Specialists, All Other	detail	280	1.3%	4.551	0.65	\$32.56	\$32.48	\$67,560	2.2%
13-2011	Accountants and Auditors	detail	520	6.2%	8.486	0.97	\$20.84	\$22.23	\$46,230	1.4%
13-2031	Budget Analysts	detail	50	1.3%	0.814	2.13	(8)	(8)	(8)	(8)
13-2053	Insurance Underwriters	detail	70	3.4%	1.148	1.82	\$15.84	\$17.79	\$37,010	5.1%
13-2072	Loan Officers	detail	50	8.4%	0.759	0.35	\$21.22	\$23.19	\$48,230	2.9%
13-2082	Tax Preparers	detail	70	26.7%	1.214	2.52	\$16.02	\$17.15	\$35,670	12.2%
15-0000	Computer and Mathematical Occupations	major	580	2.2%	9.468	0.32	\$22.06	\$24.71	\$51,390	3.6%
15-1121	Computer Systems Analysts	detail	70	4.2%	1.107	0.27	\$22.57	\$22.78	\$47,390	2.1%

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15-1142	Network and Computer Systems Administrators	detail	80	10.6%	1.307	0.50	\$25.07	\$27.19	\$56,560	5.7%
15-1151	Computer User Support Specialists	detail	130	3.7%	2.168	0.50	\$16.26	\$16.94	\$35,230	2.1%
15-1152	Computer Network Support Specialists	detail	80	4.7%	1.253	0.96	\$17.77	\$19.67	\$40,920	2.4%
15-1199	Computer Occupations, All Other	detail	100	0.0%	1.616	0.73	\$38.76	\$37.46	\$77,910	3.2%
17-0000	Architecture and Engineering Occupations	major	980	3.4%	15.979	0.91	\$24.88	\$27.51	\$57,210	3.3%
17-1011	Architects, Except Landscape and Naval	detail	40	9.0%	0.592	0.82	\$35.60	\$36.83	\$76,600	3.5%
17-2051	Civil Engineers	detail	300	9.0%	4.878	2.33	\$27.15	\$29.06	\$60,450	2.6%
17-2071	Electrical Engineers	detail	80	6.4%	1.286	1.00	\$29.05	\$30.55	\$63,550	2.8%
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	detail	30	11.7%	0.540	2.94	\$32.09	\$33.66	\$70,020	6.4%
17-2141	Mechanical Engineers	detail	70	27.8%	1.174	0.57	\$23.20	\$28.77	\$59,840	5.5%
17-3011	Architectural and Civil Drafters	detail	90	10.0%	1.536	2.28	\$17.58	\$18.11	\$37,680	4.5%
17-3023	Electrical and Electronics Engineering Technicians	detail	70	6.9%	1.146	1.27	\$26.32	\$24.65	\$51,260	4.4%
17-3029	Engineering Technicians, Except Drafters, All Other	detail	80	4.5%	1.336	2.49	\$28.15	\$24.03	\$49,980	15.6%
19-0000	Life, Physical, and Social Science Occupations	major	380	2.4%	6.222	0.77	\$23.56	\$26.33	\$54,770	4.8%
19-1023	Zoologists and Wildlife Biologists	detail	30	17.4%	0.502	4.04	\$22.06	\$21.41	\$44,520	7.8%
19-3051	Urban and Regional Planners	detail	50	0.0%	0.892	3.60	\$30.47	\$30.63	\$63,720	2.1%
19-4021	Biological Technicians	detail	80	0.0%	1.278	2.43	\$17.90	\$17.77	\$36,960	2.7%
21-0000	Community and Social Service Occupations	major	810	3.5%	13.206	0.90	\$21.57	\$22.04	\$45,830	2.4%

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21-1012	Educational, Guidance, School, and Vocational Counselors	detail	150	1.0%	2.357	1.24	\$28.00	\$28.11	\$58,470	2.7%
21-1021	Child, Family, and School Social Workers	detail	60	7.5%	1.039	0.48	\$18.21	\$18.65	\$38,800	6.1%
21-1022	Healthcare Social Workers	detail	50	3.5%	0.816	0.69	\$23.70	\$24.12	\$50,170	3.0%
21-1023	Mental Health and Substance Abuse Social Workers	detail	80	4.4%	1.328	1.69	\$19.50	\$21.09	\$43,870	10.7%
21-1029	Social Workers, All Other	detail	40	24.0%	0.681	1.67	\$18.54	\$22.97	\$47,780	11.5%
21-1093	Social and Human Service Assistants	detail	90	2.0%	1.489	0.55	\$14.16	\$15.09	\$31,390	2.0%
21-2011	Clergy	detail	50	46.3%	0.783	2.24	\$21.17	\$19.42	\$40,400	25.2%
23-0000	Legal Occupations	major	370	2.0%	6.033	0.78	\$29.20	\$32.81	\$68,240	4.0%
23-1011	Lawyers	detail	170	5.5%	2.841	0.64	\$44.54	\$44.81	\$93,210	3.8%
23-2011	Paralegals and Legal Assistants	detail	50	4.8%	0.744	0.37	\$19.85	\$22.75	\$47,320	6.9%
25-0000	Education, Training, and Library Occupations	major	4,430	1.3%	72.082	1.18	\$19.07	\$21.19	\$44,070	3.4%
25-2011	Preschool Teachers, Except Special Education	detail	80	21.3%	1.284	0.45	\$14.18	\$16.11	\$33,520	3.5%
25-2012	Kindergarten Teachers, Except Special Education	detail	80	9.6%	1.375	1.39	(4)	(4)	\$48,310	9.2%
25-2021	Elementary School Teachers, Except Special Education	detail	890	1.2%	14.505	1.47	(4)	(4)	\$47,680	2.7%
25-2022	Middle School Teachers, Except Special and Career/Technical Education	detail	500	1.5%	8.140	1.86	(4)	(4)	\$47,390	2.7%
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	detail	620	5.1%	10.043	1.39	(4)	(4)	\$48,560	2.9%
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	detail	180	10.6%	2.909	1.41	(4)	(4)	\$38,060	3.3%
25-3098	Substitute Teachers	detail	520	0.9%	8.405	1.96	\$11.10	\$11.62	\$24,170	4.0%
25-4021	Librarians	detail	60	5.3%	0.939	1.06	\$26.42	\$26.00	\$54,080	3.2%

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25-9031	Instructional Coordinators	detail	160	1.5%	2.661	2.41	\$27.15	\$26.87	\$55,880	4.0%
25-9041	Teacher Assistants	detail	770	3.8%	12.514	1.37	(4)	(4)	\$25,260	2.5%
25-9099	Education, Training, and Library Workers, All Other	detail	60	0.0%	0.995	1.42	\$15.05	\$17.15	\$35,670	2.2%
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	major	590	10.3%	9.513	0.70	\$14.71	\$19.29	\$40,130	4.8%
27-1023	Floral Designers	detail	40	36.7%	0.629	2.06	\$9.23	\$10.38	\$21,580	8.4%
27-1024	Graphic Designers	detail	90	14.3%	1.486	0.98	\$13.01	\$13.54	\$28,160	2.0%
27-1026	Merchandise Displayers and Window Trimmers	detail	70	14.6%	1.073	1.27	\$9.23	\$9.95	\$20,700	2.7%
27-3031	Public Relations Specialists	detail	30	1.1%	0.561	0.34	\$22.70	\$23.65	\$49,190	1.7%
29-0000	Healthcare Practitioners and Technical Occupations	major	1,990	5.1%	32.319	0.54	\$24.30	\$33.16	\$68,970	3.4%
29-1031	Dietitians and Nutritionists	detail	30	0.0%	0.491	1.11	\$19.33	\$24.32	\$50,580	2.2%
29-1051	Pharmacists	detail	50	6.0%	0.803	0.37	\$55.98	\$53.45	\$111,170	3.2%
29-1062	Family and General Practitioners	detail	50	41.7%	0.852	0.96	\$67.91	\$78.45	\$163,180	16.4%
29-1069	Physicians and Surgeons, All Other	detail	70	2.6%	1.159	0.46	(8)	(8)	(8)	(8)
29-1123	Physical Therapists	detail	30	13.3%	0.499	0.32	\$28.26	\$28.73	\$59,770	3.0%
29-1141	Registered Nurses	detail	550	2.7%	8.881	0.44	(8)	(8)	(8)	(8)
29-2010	Clinical Laboratory Technologists and Technicians	broad	120	7.3%	2.004	0.89	\$21.08	\$22.50	\$46,800	5.5%
29-2021	Dental Hygienists	detail	30	44.7%	0.504	0.34	\$28.02	\$28.93	\$60,170	6.3%
29-2031	Cardiovascular Technologists and Technicians	detail	30	0.0%	0.520	1.32	\$18.24	\$20.73	\$43,120	2.6%
29-2034	Radiologic Technologists	detail	70	10.4%	1.165	0.83	\$22.15	\$22.05	\$45,870	3.2%
29-2052	Pharmacy Technicians	detail	50	16.9%	0.779	0.27	\$15.49	\$16.13	\$33,550	3.6%
29-2061	Licensed Practical and Licensed Vocational Nurses	detail	110	8.0%	1.720	0.35	\$15.88	\$16.08	\$33,440	2.2%
29-9011	Occupational Health and Safety Specialists	detail	120	21.3%	1.973	3.46	\$25.62	\$25.11	\$52,220	2.9%

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29-9012	Occupational Health and Safety Technicians	detail	60	3.2%	0.949	7.74	\$12.39	\$14.38	\$29,920	5.9%
31-0000	Healthcare Support Occupations	major	810	6.7%	13.198	0.46	\$12.30	\$13.06	\$27,160	3.0%
31-1014	Nursing Assistants	detail	250	1.5%	4.115	0.40	\$13.21	\$12.79	\$26,610	3.1%
31-9011	Massage Therapists	detail	120	17.4%	1.871	2.58	\$10.38	\$11.57	\$24,060	9.6%
31-9091	Dental Assistants	detail	160	17.1%	2.662	1.13	\$14.21	\$15.42	\$32,070	8.0%
31-9092	Medical Assistants	detail	180	14.0%	2.948	0.65	\$11.00	\$11.93	\$24,810	4.6%
33-0000	Protective Service Occupations	major	2,680	6.0%	43.494	1.82	\$16.51	\$18.00	\$37,440	5.9%
33-1099	First-Line Supervisors of Protective Service Workers, All Other	detail	80	11.2%	1.317	2.52	\$22.65	\$20.30	\$42,220	5.0%
33-9032	Security Guards	detail	930	16.3%	15.123	1.95	\$9.13	\$9.72	\$20,210	3.0%
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	detail	120	7.4%	1.921	1.88	\$9.29	\$9.83	\$20,450	2.6%
33-9093	Transportation Security Screeners	detail	280	0.0%	4.486	15.06	\$18.41	\$20.05	\$41,710	2.5%
33-9099	Protective Service Workers, All Other	detail	40	0.0%	0.665	0.70	\$11.46	\$13.00	\$27,050	2.3%
35-0000	Food Preparation and Serving Related Occupations	major	6,450	6.4%	104.837	1.13	\$9.27	\$9.95	\$20,700	1.1%
35-1011	Chefs and Head Cooks	detail	360	4.4%	5.923	6.42	\$10.58	\$13.36	\$27,780	4.2%
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	detail	330	11.5%	5.333	0.82	\$10.80	\$11.60	\$24,140	2.1%
35-2011	Cooks, Fast Food	detail	530	36.5%	8.660	2.45	\$9.19	\$9.32	\$19,370	3.3%
35-2012	Cooks, Institution and Cafeteria	detail	90	16.0%	1.422	0.50	\$10.88	\$11.29	\$23,480	2.8%
35-2014	Cooks, Restaurant	detail	870	12.5%	14.155	1.58	\$9.57	\$10.34	\$21,510	2.5%
35-2015	Cooks, Short Order	detail	160	45.7%	2.558	2.09	\$10.23	\$10.29	\$21,410	4.5%
35-2021	Food Preparation Workers	detail	640	6.6%	10.415	1.78	\$9.31	\$9.62	\$20,020	2.5%
35-3011	Bartenders	detail	180	22.7%	2.866	0.67	\$9.23	\$9.30	\$19,340	2.5%
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	detail	190	35.9%	3.124	0.12	\$9.74	\$10.15	\$21,110	4.9%

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35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	detail	360	26.3%	5.778	1.73	\$9.23	\$9.50	\$19,760	3.8%
35-3031	Waiters and Waitresses	detail	1,730	9.3%	28.082	1.55	\$9.10	\$9.56	\$19,880	2.9%
35-3041	Food Servers, Nonrestaurant	detail	120	14.2%	1.908	1.03	\$9.15	\$9.58	\$19,930	3.5%
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	detail	60	39.4%	0.913	0.30	\$9.15	\$9.13	\$19,000	3.5%
35-9021	Dishwashers	detail	420	19.1%	6.801	1.93	\$9.04	\$9.04	\$18,800	2.3%
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	detail	400	12.6%	6.502	2.24	\$9.04	\$9.10	\$18,920	2.3%
37-0000	Building and Grounds Cleaning and Maintenance Occupations	major	3,380	5.2%	54.884	1.77	\$9.23	\$10.09	\$21,000	1.4%
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	detail	200	5.4%	3.186	2.93	\$11.33	\$13.72	\$28,540	2.0%
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	detail	80	2.0%	1.308	1.86	\$8.97	\$12.56	\$26,130	3.4%
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	detail	1,150	9.1%	18.659	1.23	\$9.19	\$10.14	\$21,100	2.4%
37-2012	Maids and Housekeeping Cleaners	detail	1,330	7.0%	21.657	3.35	\$9.13	\$9.22	\$19,190	1.5%
37-2021	Pest Control Workers	detail	40	12.8%	0.619	1.17	\$11.37	\$12.25	\$25,470	2.7%
37-3011	Landscaping and Groundskeeping Workers	detail	560	15.0%	9.136	1.43	\$9.50	\$10.22	\$21,270	2.2%
39-0000	Personal Care and Service Occupations	major	1,340	5.8%	21.699	0.60	\$9.47	\$10.54	\$21,930	1.3%
39-1021	First-Line Supervisors of Personal Service Workers	detail	70	15.0%	1.089	0.73	\$13.90	\$14.82	\$30,820	3.8%

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39-3031	Ushers, Lobby Attendants, and Ticket Takers	detail	110	3.9%	1.788	2.04	\$9.23	\$9.31	\$19,370	4.3%
39-3091	Amusement and Recreation Attendants	detail	150	19.2%	2.380	1.09	\$9.14	\$9.57	\$19,910	2.7%
39-5012	Hairdressers, Hairstylists, and Cosmetologists	detail	90	35.6%	1.427	0.58	\$11.95	\$12.21	\$25,390	3.4%
39-6011	Baggage Porters and Bellhops	detail	160	15.9%	2.519	8.43	\$9.25	\$9.50	\$19,760	2.4%
39-6012	Concierges	detail	160	4.1%	2.653	10.58	\$9.73	\$10.77	\$22,410	1.7%
39-7010	Tour and Travel Guides	broad	170	10.5%	2.802	8.66	\$9.69	\$10.36	\$21,560	2.3%
39-9011	Childcare Workers	detail	(8)	(8)	(8)	(8)	\$9.22	\$9.43	\$19,620	4.4%
39-9032	Recreation Workers	detail	160	2.2%	2.565	1.04	\$9.14	\$10.21	\$21,230	3.0%
41-0000	Sales and Related Occupations	major	5,000	3.7%	81.315	0.80	\$9.43	\$11.71	\$24,360	3.3%
41-1011	First-Line Supervisors of Retail Sales Workers	detail	460	9.5%	7.443	0.88	\$12.57	\$13.67	\$28,440	4.4%
41-1012	First-Line Supervisors of Non-Retail Sales Workers	detail	60	33.0%	0.959	0.54	\$14.54	\$20.14	\$41,880	18.6%
41-2011	Cashiers	detail	1,820	6.0%	29.588	1.18	\$9.12	\$9.64	\$20,050	1.2%
41-2021	Counter and Rental Clerks	detail	170	36.9%	2.757	0.88	\$9.17	\$9.68	\$20,140	2.2%
41-2022	Parts Salespersons	detail	110	10.2%	1.856	1.05	\$9.32	\$9.91	\$20,620	3.0%
41-2031	Retail Salespersons	detail	1,710	6.2%	27.827	0.89	\$9.35	\$11.20	\$23,290	3.8%
41-3011	Advertising Sales Agents	detail	30	11.7%	0.527	0.55	\$14.31	\$15.82	\$32,910	5.5%
41-3021	Insurance Sales Agents	detail	70	11.5%	1.092	0.40	\$13.13	\$14.67	\$30,520	3.9%
41-3041	Travel Agents	detail	80	17.7%	1.294	2.74	\$11.69	\$14.84	\$30,870	11.0%
41-3099	Sales Representatives, Services, All Other	detail	100	11.0%	1.595	0.23	\$14.59	\$15.81	\$32,880	3.0%
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	detail	290	14.1%	4.658	0.48	\$11.40	\$13.02	\$27,090	3.3%

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
43-0000	Office and Administrative Support Occupations	major	10,820	2.1%	175.855	1.14	\$11.92	\$14.11	\$29,340	2.3%
43-1011	First-Line Supervisors of Office and Administrative Support Workers	detail	850	3.4%	13.747	1.34	\$18.64	\$19.90	\$41,400	3.0%
43-2011	Switchboard Operators, Including Answering Service	detail	60	20.2%	0.904	1.60	\$11.00	\$12.99	\$27,020	5.4%
43-3011	Bill and Account Collectors	detail	140	7.4%	2.217	1.16	\$11.58	\$12.92	\$26,870	2.2%
43-3021	Billing and Posting Clerks	detail	190	7.4%	3.108	0.93	\$13.06	\$13.50	\$28,090	2.6%
43-3031	Bookkeeping, Accounting, and Auditing Clerks	detail	820	3.6%	13.357	1.24	\$13.57	\$14.36	\$29,880	1.3%
43-3051	Payroll and Timekeeping Clerks	detail	60	4.2%	0.988	0.92	\$15.81	\$16.01	\$33,300	2.6%
43-3061	Procurement Clerks	detail	100	9.2%	1.596	3.23	\$14.88	\$15.53	\$32,300	7.7%
43-3071	Tellers	detail	270	6.5%	4.325	1.26	\$11.17	\$11.51	\$23,940	2.4%
43-4051	Customer Service Representatives	detail	1,370	5.2%	22.274	1.15	\$10.89	\$11.87	\$24,680	1.6%
43-4071	File Clerks	detail	50	34.8%	0.889	1.07	\$10.40	\$11.37	\$23,650	3.0%
43-4081	Hotel, Motel, and Resort Desk Clerks	detail	300	13.8%	4.823	2.71	\$9.16	\$9.49	\$19,750	1.5%
43-4131	Loan Interviewers and Clerks	detail	50	13.8%	0.746	0.47	\$11.87	\$13.03	\$27,090	3.2%
43-4141	New Accounts Clerks	detail	80	16.0%	1.373	4.70	\$13.76	\$14.04	\$29,210	4.0%
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	detail	80	2.1%	1.255	1.33	\$16.07	\$17.44	\$36,270	2.7%
43-4171	Receptionists and Information Clerks	detail	380	17.0%	6.191	0.87	\$9.24	\$10.26	\$21,350	2.8%
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	detail	360	10.1%	5.868	5.64	\$11.36	\$16.36	\$34,040	8.3%
43-5021	Couriers and Messengers	detail	130	7.2%	2.123	3.94	\$11.16	\$12.71	\$26,430	4.0%
43-5032	Dispatchers, Except Police, Fire, and Ambulance	detail	130	7.2%	2.032	1.46	\$12.87	\$14.96	\$31,120	3.3%
43-5051	Postal Service Clerks	detail	30	0.0%	0.553	0.95	\$24.77	\$23.52	\$48,910	(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
43-5052	Postal Service Mail Carriers	detail	30	0.0%	0.553	0.23	\$19.29	\$22.47	\$46,730	(8)
43-5061	Production, Planning, and Expediting Clerks	detail	260	8.2%	4.239	1.80	\$20.08	\$19.76	\$41,110	4.4%
43-5071	Shipping, Receiving, and Traffic Clerks	detail	220	10.0%	3.498	0.74	\$10.73	\$13.10	\$27,250	7.3%
43-5081	Stock Clerks and Order Fillers	detail	1,280	7.9%	20.751	1.45	\$9.34	\$10.84	\$22,550	2.4%
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	detail	50	13.9%	0.731	1.44	(8)	(8)	(8)	(8)
43-6011	Executive Secretaries and Executive Administrative Assistants	detail	360	8.2%	5.928	1.42	\$17.71	\$19.32	\$40,180	4.9%
43-6012	Legal Secretaries	detail	80	7.9%	1.289	0.99	\$17.78	\$18.60	\$38,680	7.7%
43-6013	Medical Secretaries	detail	100	13.4%	1.671	0.41	\$12.11	\$13.62	\$28,320	6.1%
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	detail	720	5.9%	11.719	0.74	\$15.39	\$15.87	\$33,000	2.7%
43-9011	Computer Operators	detail	90	2.5%	1.421	5.01	\$16.26	\$16.64	\$34,610	1.9%
43-9021	Data Entry Keyers	detail	110	4.6%	1.804	1.43	\$12.15	\$16.64	\$34,600	5.2%
43-9022	Word Processors and Typists	detail	180	0.0%	2.898	6.34	\$14.41	\$14.65	\$30,470	1.5%
43-9041	Insurance Claims and Policy Processing Clerks	detail	30	17.2%	0.543	0.28	\$11.83	\$12.42	\$25,830	2.7%
43-9061	Office Clerks, General	detail	1,260	3.9%	20.514	0.99	\$9.94	\$11.11	\$23,120	1.1%
43-9199	Office and Administrative Support Workers, All Other	detail	(8)	(8)	(8)	(8)	\$19.36	\$17.50	\$36,390	3.0%
45-0000	Farming, Fishing, and Forestry Occupations	major	60	0.9%	1.024	0.31	\$11.74	\$13.70	\$28,500	3.2%
47-0000	Construction and Extraction Occupations	major	4,870	3.5%	79.101	1.97	\$14.13	\$14.82	\$30,820	1.6%

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
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	detail	280	16.0%	4.520	1.16	\$20.17	\$21.95	\$45,660	4.3%
47-2031	Carpenters	detail	970	7.5%	15.804	3.25	\$14.47	\$15.01	\$31,220	1.8%
47-2051	Cement Masons and Concrete Finishers	detail	590	17.4%	9.590	7.65	\$13.90	\$14.06	\$29,250	2.2%
47-2061	Construction Laborers	detail	870	11.0%	14.199	2.10	\$10.41	\$10.99	\$22,860	2.8%
47-2073	Operating Engineers and Other Construction Equipment Operators	detail	220	7.8%	3.595	1.40	\$15.60	\$16.26	\$33,810	2.4%
47-2111	Electricians	detail	400	15.6%	6.536	1.48	\$17.86	\$18.25	\$37,970	1.6%
47-2141	Painters, Construction and Maintenance	detail	190	11.4%	3.148	2.03	\$13.91	\$14.13	\$29,400	2.1%
47-2152	Plumbers, Pipefitters, and Steamfitters	detail	210	10.5%	3.404	1.13	\$16.45	\$16.50	\$34,320	2.6%
47-2171	Reinforcing Iron and Rebar Workers	detail	140	7.8%	2.339	18.04	\$14.41	\$15.10	\$31,420	2.4%
47-2211	Sheet Metal Workers	detail	180	24.7%	2.935	3.15	\$15.37	\$16.26	\$33,820	2.3%
47-3013	Helpers--Electricians	detail	110	36.8%	1.713	3.36	\$13.61	\$13.10	\$27,260	4.4%
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	detail	110	18.1%	1.746	4.54	\$9.94	\$10.36	\$21,560	2.2%
47-3019	Helpers, Construction Trades, All Other	detail	140	15.3%	2.292	14.12	\$9.55	\$10.46	\$21,770	5.6%
47-4011	Construction and Building Inspectors	detail	40	11.1%	0.623	0.90	\$20.77	\$22.65	\$47,110	22.0%
49-0000	Installation, Maintenance, and Repair Occupations	major	3,210	4.1%	52.126	1.34	\$14.07	\$16.13	\$33,550	2.6%
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	detail	240	4.0%	3.834	1.19	\$22.54	\$25.00	\$51,990	4.1%
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	detail	70	25.0%	1.208	6.67	\$10.77	\$11.54	\$24,010	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
49-2098	Security and Fire Alarm Systems Installers	detail	70	0.0%	1.091	2.23	\$14.45	\$15.81	\$32,880	1.8%
49-3023	Automotive Service Technicians and Mechanics	detail	260	7.4%	4.148	0.92	\$13.58	\$13.90	\$28,920	1.6%
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	detail	120	26.4%	1.897	1.04	\$16.94	\$16.71	\$34,760	2.5%
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	detail	210	6.5%	3.443	3.73	\$17.39	\$18.16	\$37,760	2.7%
49-3093	Tire Repairers and Changers	detail	30	38.9%	0.527	0.65	\$13.12	\$12.82	\$26,660	5.6%
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	detail	190	8.6%	3.117	1.45	\$16.50	\$17.71	\$36,840	2.8%
49-9041	Industrial Machinery Mechanics	detail	70	1.6%	1.087	0.45	\$23.90	\$22.83	\$47,480	2.9%
49-9043	Maintenance Workers, Machinery	detail	40	22.8%	0.626	1.07	\$12.22	\$14.15	\$29,430	9.5%
49-9051	Electrical Power-Line Installers and Repairers	detail	50	41.7%	0.749	0.92	\$19.59	\$20.46	\$42,560	6.0%
49-9052	Telecommunications Line Installers and Repairers	detail	70	26.5%	1.172	1.56	\$14.09	\$15.21	\$31,640	3.2%
49-9071	Maintenance and Repair Workers, General	detail	830	8.2%	13.435	1.42	\$11.46	\$12.83	\$26,680	1.4%
49-9098	Helpers-- Installation, Maintenance, and Repair Workers	detail	390	11.3%	6.406	8.15	\$10.23	\$10.66	\$22,170	2.2%
49-9099	Installation, Maintenance, and Repair Workers, All Other	detail	70	11.1%	1.107	1.03	\$21.52	\$20.48	\$42,600	4.3%
51-0000	Production Occupations	major	1,510	5.9%	24.480	0.39	\$12.24	\$14.65	\$30,480	5.8%
51-1011	First-Line Supervisors of Production and Operating Workers	detail	110	7.8%	1.736	0.40	\$25.86	\$26.45	\$55,010	6.7%
51-3011	Bakers	detail	190	14.4%	3.041	2.37	\$9.23	\$9.64	\$20,060	1.6%

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
51-3021	Butchers and Meat Cutters	detail	150	6.0%	2.451	2.66	\$11.05	\$12.17	\$25,320	6.2%
51-4121	Welders, Cutters, Solderers, and Brazers	detail	170	8.3%	2.713	1.03	\$17.82	\$18.32	\$38,110	2.7%
51-5112	Printing Press Operators	detail	40	23.9%	0.678	0.56	\$12.87	\$12.70	\$26,420	2.9%
51-6011	Laundry and Dry-Cleaning Workers	detail	190	31.6%	3.122	2.13	\$9.24	\$9.31	\$19,370	2.5%
51-8031	Water and Wastewater Treatment Plant and System Operators	detail	90	0.0%	1.464	1.78	\$19.51	\$19.97	\$41,530	2.4%
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	detail	40	13.6%	0.614	0.16	\$13.11	\$14.30	\$29,730	4.5%
51-9122	Painters, Transportation Equipment	detail	50	42.9%	0.754	2.03	\$14.79	\$16.24	\$33,780	3.1%
51-9198	Helpers--Production Workers	detail	80	17.6%	1.380	0.49	\$11.03	\$11.32	\$23,540	4.4%
53-0000	Transportation and Material Moving Occupations	major	3,700	4.9%	60.190	0.86	\$10.41	\$13.76	\$28,610	4.4%
53-1048	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	detail	140	9.3%	2.220	0.80	\$15.50	\$17.37	\$36,130	3.7%
53-3021	Bus Drivers, Transit and Intercity	detail	170	14.9%	2.714	2.20	\$9.36	\$9.79	\$20,350	3.0%
53-3022	Bus Drivers, School or Special Client	detail	160	0.0%	2.566	0.72	\$14.52	\$15.12	\$31,460	3.0%
53-3031	Driver/Sales Workers	detail	200	14.3%	3.262	1.09	\$9.30	\$9.87	\$20,530	1.9%
53-3032	Heavy and Tractor-Trailer Truck Drivers	detail	280	19.0%	4.624	0.38	\$13.69	\$13.70	\$28,500	2.8%
53-3033	Light Truck or Delivery Services Drivers	detail	340	10.3%	5.578	0.91	\$9.78	\$10.62	\$22,080	1.8%
53-3041	Taxi Drivers and Chauffeurs	detail	210	16.1%	3.446	2.47	\$9.43	\$9.88	\$20,540	2.4%
53-3099	Motor Vehicle Operators, All Other	detail	40	20.4%	0.650	1.63	\$19.73	\$21.83	\$45,400	5.9%
53-6021	Parking Lot Attendants	detail	(8)	(8)	(8)	(8)	\$9.16	\$9.38	\$19,520	4.0%

Occupation code	Occupation title (click on the occupation title to view its profile)	Level	Employment	Employment RSE	Employment per 1,000 jobs	Location quotient	Median hourly wage	Mean hourly wage	Annual mean wage	Mean wage RSE
53-6031	Automotive and Watercraft Service Attendants	detail	120	22.2%	1.981	2.38	\$9.39	\$10.25	\$21,310	6.0%
53-6051	Transportation Inspectors	detail	50	11.4%	0.744	3.53	(8)	(8)	(8)	(8)
53-7021	Crane and Tower Operators	detail	50	23.0%	0.774	2.53	\$19.48	\$21.22	\$44,130	7.8%
53-7032	Excavating and Loading Machine and Dragline Operators	detail	120	15.2%	1.894	5.94	\$17.05	\$17.40	\$36,190	2.6%
53-7051	Industrial Truck and Tractor Operators	detail	180	31.0%	2.999	0.75	\$13.47	\$13.96	\$29,050	3.3%
53-7061	Cleaners of Vehicles and Equipment	detail	(8)	(8)	(8)	(8)	\$9.13	\$9.64	\$20,040	5.1%
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	detail	490	7.8%	7.917	0.42	\$9.39	\$11.07	\$23,020	3.8%
53-7064	Packers and Packers, Hand	detail	230	15.5%	3.685	0.75	\$9.13	\$9.27	\$19,290	2.5%

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(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 2017 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 2017 estimates are based on responses from six semiannual panels collected over a 3-year period: May 2017, November 2016, May 2016, November 2015, May 2015, and November 2014. The overall national response rate for the six panels, based on the 50 states and the District of Columbia, is 72 percent based on establishments and 68 percent based on weighted sampled employment. The unweighted sampled employment of 82 million across all six semiannual panels represents approximately 58 percent of total national 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 2017 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 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 2016 and May 2017 employment) from the BLS Quarterly Census of Employment and Wages to employment totals from the OES survey.

Changes to the May 2017 estimates

The May 2017 OES estimates are the first to be based on the 2017 North American Industry Classification System, which replaces the 2012 NAICS used in the May 2012-May 2016 estimates. All six panels used in the May 2017 estimates were collected using the 2012 NAICS; these data were mapped to the 2017 NAICS codes.

Beginning with the May 2017 estimates, OES has replaced 21 detailed occupations with 10 aggregations of those occupations. In most cases, occupations were aggregated to the SOC broad occupation level. The remaining aggregations do not correspond to SOC broad occupations and use OES-specific codes and titles. The purpose of these aggregations is to achieve more robust estimates by combining similar occupations for which the survey does not have the information needed to distinguish between occupations for accurate coding.

In addition, some 4- and 5-digit NAICS industries that OES previously published are no longer published separately. Some of these industries are now published at their standard 3- and 4-digit NAICS levels, respectively. Others are published as OES-specific industry aggregations. The new industry aggregations will improve sampling efficiency by combining industries with similar staffing patterns.

For more information about the new aggregations, see www.bls.gov/oes/changes_2017.htm.

The May 2017 estimates include additional establishments in the services for the elderly and persons with disabilities industry (NAICS 624120). 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. These newly in-scope units were removed from the survey data and not used for the May 2015 and May 2016 estimates. OES now has six panels of survey data collected under the new scope, so the May 2017 estimates include the full set of establishments from the expanded scope of NAICS 624120 for the first time.

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 2017 National Occupational Employment and Wage Estimates](#)

[May 2017 State Occupational Employment and Wage Estimates](#)

[May 2017 Metropolitan and Nonmetropolitan Area Occupational Employment and Wage Estimates](#)

[May 2017 National Industry-Specific Occupational Employment and Wage Estimates](#)

[May 2017 Occupation Profiles](#)

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