

## Occupational Employment Statistics

# May 2015 State Occupational Employment and Wage Estimates

## Guam

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

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

[Links to OES estimates for other areas and States](#)

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

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

Occupation code	Occupation title (click on the occupation title to view its profile)	Level	Employment	Employment RSE	Employment per 1,000 jobs	Location quotient	Median hourly wage	Mean hourly wage	Annual mean wage	Mean wage RSE
00-0000	All Occupations	total	60,580	1.1%	1000.000	1.00	\$12.63	\$16.59	\$34,500	2.6%
11-0000	<a href="#">Management Occupations</a>	major	5,250	3.4%	86.728	1.72	\$26.94	\$31.33	\$65,170	2.2%
11-1011	<a href="#">Chief Executives</a>	detail	840	6.9%	13.915	8.03	\$33.21	\$43.57	\$90,630	3.6%
11-1021	<a href="#">General and Operations Managers</a>	detail	1,960	7.1%	32.403	2.08	\$24.19	\$28.00	\$58,240	3.4%
11-2011	<a href="#">Advertising and Promotions Managers</a>	detail	60	25.4%	1.030	4.84	\$29.15	\$28.41	\$59,080	4.4%
11-2021	<a href="#">Marketing Managers</a>	detail	60	12.4%	1.061	0.76	\$26.38	\$27.25	\$56,680	3.3%
11-2022	<a href="#">Sales Managers</a>	detail	310	10.5%	5.149	1.95	\$21.14	\$22.55	\$46,910	3.0%
11-3011	<a href="#">Administrative Services Managers</a>	detail	320	4.7%	5.357	2.74	\$23.77	\$25.29	\$52,600	1.9%
11-3021	<a href="#">Computer and Information Systems Managers</a>	detail	40	18.8%	0.642	0.26	\$30.83	\$34.11	\$70,950	2.3%
11-3031	<a href="#">Financial Managers</a>	detail	330	7.3%	5.479	1.42	\$29.59	\$36.74	\$76,410	6.4%
11-3061	<a href="#">Purchasing Managers</a>	detail	50	13.0%	0.888	1.69	\$22.92	\$24.42	\$50,790	4.0%
11-3071	<a href="#">Transportation, Storage, and Distribution Managers</a>	detail	80	8.8%	1.286	1.62	\$29.54	\$31.98	\$66,510	4.9%
11-3121	<a href="#">Human Resources Managers</a>	detail	70	5.3%	1.118	1.26	\$30.94	\$29.61	\$61,590	2.5%
11-9021	<a href="#">Construction Managers</a>	detail	200	15.8%	3.283	1.89	\$34.95	\$38.68	\$80,460	5.7%
11-9032	<a href="#">Education Administrators, Elementary and Secondary School</a>	detail	110	4.9%	1.780	1.04	(4)	(4)	\$67,660	3.2%
11-9041	<a href="#">Architectural and Engineering Managers</a>	detail	50	36.5%	0.824	0.63	\$38.49	\$38.42	\$79,900	3.3%
11-9051	<a href="#">Food Service Managers</a>	detail	250	14.0%	4.077	2.79	\$14.21	\$15.56	\$32,360	3.7%
11-9081	<a href="#">Lodging Managers</a>	detail	50	17.2%	0.778	3.02	\$14.09	\$15.56	\$32,370	7.2%
11-9141	<a href="#">Property, Real Estate, and Community Association Managers</a>	detail	70	8.2%	1.157	0.91	\$22.09	\$24.09	\$50,100	5.8%
13-0000	<a href="#">Business and Financial Operations Occupations</a>	major	2,360	3.1%	38.982	0.76	\$21.55	\$23.39	\$48,650	4.3%
13-1022	<a href="#">Wholesale and Retail Buyers, Except Farm Products</a>	detail	60	9.4%	0.981	1.22	\$13.51	\$14.36	\$29,870	4.2%
13-1023	<a href="#">Purchasing Agents, Except Wholesale, Retail, and Farm Products</a>	detail	160	4.2%	2.712	1.28	\$20.01	\$23.93	\$49,780	5.2%
13-1031	<a href="#">Claims Adjusters, Examiners, and Investigators</a>	detail	60	19.9%	0.923	0.47	\$17.58	\$20.27	\$42,170	4.0%
13-1041	<a href="#">Compliance Officers</a>	detail	210	2.3%	3.495	1.88	\$29.87	\$28.69	\$59,680	5.5%
13-1051	<a href="#">Cost Estimators</a>	detail	80	6.9%	1.322	0.84	\$24.90	\$26.67	\$55,480	3.0%
13-1071	<a href="#">Human Resources Specialists</a>	detail	160	4.2%	2.674	0.75	\$21.23	\$22.14	\$46,060	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
13-1111	<a href="#">Management Analysts</a>	detail	140	6.7%	2.352	0.53	\$28.34	\$28.75	\$59,810	6.5%
13-1121	<a href="#">Meeting, Convention, and Event Planners</a>	detail	40	43.8%	0.652	1.03	\$11.39	\$13.52	\$28,110	17.9%
13-1151	<a href="#">Training and Development Specialists</a>	detail	30	5.1%	0.546	0.30	\$19.16	\$19.68	\$40,920	4.3%
13-1161	<a href="#">Market Research Analysts and Marketing Specialists</a>	detail	70	10.9%	1.078	0.29	\$17.36	\$18.41	\$38,290	5.6%
13-1199	<a href="#">Business Operations Specialists, All Other</a>	detail	250	2.2%	4.165	0.62	\$32.14	\$32.40	\$67,380	2.5%
13-2011	<a href="#">Accountants and Auditors</a>	detail	540	6.9%	8.951	1.01	\$18.16	\$19.13	\$39,780	2.2%
13-2031	<a href="#">Budget Analysts</a>	detail	40	1.7%	0.578	1.42	\$24.82	\$25.34	\$52,720	2.3%
13-2041	<a href="#">Credit Analysts</a>	detail	40	8.5%	0.669	1.30	\$23.38	\$26.49	\$55,100	6.5%
13-2053	<a href="#">Insurance Underwriters</a>	detail	130	46.8%	2.092	3.21	\$20.58	\$20.30	\$42,230	11.3%
13-2072	<a href="#">Loan Officers</a>	detail	70	5.5%	1.200	0.54	\$19.78	\$21.62	\$44,970	4.6%
13-2082	<a href="#">Tax Preparers</a>	detail	50	26.3%	0.888	1.70	\$15.36	\$15.86	\$32,990	5.5%
15-0000	<a href="#">Computer and Mathematical Occupations</a>	major	510	3.1%	8.379	0.29	\$21.81	\$24.29	\$50,520	3.3%
15-1121	<a href="#">Computer Systems Analysts</a>	detail	40	0.7%	0.730	0.18	\$22.49	\$23.60	\$49,090	2.2%
15-1142	<a href="#">Network and Computer Systems Administrators</a>	detail	90	8.5%	1.562	0.58	\$23.80	\$24.96	\$51,920	3.3%
15-1151	<a href="#">Computer User Support Specialists</a>	detail	130	5.1%	2.176	0.51	\$16.60	\$17.03	\$35,430	2.2%
17-0000	<a href="#">Architecture and Engineering Occupations</a>	major	920	5.5%	15.179	0.85	\$24.22	\$27.18	\$56,540	3.5%
17-1011	<a href="#">Architects, Except Landscape and Naval</a>	detail	50	20.8%	0.905	1.33	\$29.47	\$32.61	\$67,820	2.2%
17-2051	<a href="#">Civil Engineers</a>	detail	290	14.0%	4.772	2.39	\$25.44	\$29.58	\$61,520	5.2%
17-2071	<a href="#">Electrical Engineers</a>	detail	150	26.9%	2.519	1.95	\$22.13	\$24.58	\$51,120	5.1%
17-2141	<a href="#">Mechanical Engineers</a>	detail	60	18.5%	0.938	0.46	\$27.80	\$31.52	\$65,570	4.5%
17-3011	<a href="#">Architectural and Civil Drafters</a>	detail	90	24.3%	1.560	2.26	\$16.83	\$17.64	\$36,700	4.9%
17-3023	<a href="#">Electrical and Electronics Engineering Technicians</a>	detail	60	14.3%	1.033	1.02	\$25.60	\$25.71	\$53,470	5.0%
17-3029	<a href="#">Engineering Technicians, Except Drafters, All Other</a>	detail	50	8.8%	0.905	1.76	\$30.98	\$30.97	\$64,410	4.8%
19-0000	<a href="#">Life, Physical, and Social Science Occupations</a>	major	350	2.2%	5.740	0.69	\$21.00	\$23.86	\$49,630	4.6%
19-2041	<a href="#">Environmental Scientists and Specialists, Including Health</a>	detail	30	7.0%	0.560	0.88	\$27.43	\$30.18	\$62,760	2.6%

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
21-0000	<a href="#">Community and Social Service Occupations</a>	major	780	7.2%	12.856	0.90	\$20.11	\$20.58	\$42,810	3.4%
21-1012	<a href="#">Educational, Guidance, School, and Vocational Counselors</a>	detail	160	19.8%	2.640	1.44	\$23.86	\$23.87	\$49,640	3.1%
21-1015	<a href="#">Rehabilitation Counselors</a>	detail	(8)	(8)	(8)	(8)	\$16.94	\$17.15	\$35,680	4.4%
21-1021	<a href="#">Child, Family, and School Social Workers</a>	detail	80	41.0%	1.387	0.65	\$15.18	\$17.07	\$35,500	3.2%
21-1023	<a href="#">Mental Health and Substance Abuse Social Workers</a>	detail	80	0.0%	1.311	1.64	\$14.43	\$16.81	\$34,960	3.2%
21-1093	<a href="#">Social and Human Service Assistants</a>	detail	100	0.0%	1.664	0.64	\$18.28	\$18.23	\$37,920	2.6%
21-1094	<a href="#">Community Health Workers</a>	detail	(8)	(8)	(8)	(8)	\$24.65	\$22.49	\$46,780	2.4%
21-2011	<a href="#">Clergy</a>	detail	80	31.0%	1.321	3.77	\$20.18	\$17.82	\$37,070	17.0%
23-0000	<a href="#">Legal Occupations</a>	major	320	4.3%	5.259	0.68	\$28.70	\$33.89	\$70,480	4.4%
23-1011	<a href="#">Lawyers</a>	detail	150	7.2%	2.537	0.57	\$41.78	\$45.36	\$94,350	5.0%
23-2011	<a href="#">Paralegals and Legal Assistants</a>	detail	30	11.2%	0.555	0.28	\$23.79	\$24.23	\$50,390	3.8%
25-0000	<a href="#">Education, Training, and Library Occupations</a>	major	4,420	1.6%	72.944	1.18	\$17.26	\$18.92	\$39,350	2.0%
25-2011	<a href="#">Preschool Teachers, Except Special Education</a>	detail	70	17.2%	1.172	0.44	\$14.61	\$15.54	\$32,320	6.9%
25-2012	<a href="#">Kindergarten Teachers, Except Special Education</a>	detail	80	10.9%	1.350	1.18	(4)	(4)	\$44,310	7.4%
25-2021	<a href="#">Elementary School Teachers, Except Special Education</a>	detail	960	2.6%	15.831	1.58	(4)	(4)	\$44,200	3.2%
25-2022	<a href="#">Middle School Teachers, Except Special and Career/Technical Education</a>	detail	610	2.2%	10.029	2.19	(4)	(4)	\$43,360	3.0%
25-2031	<a href="#">Secondary School Teachers, Except Special and Career/Technical Education</a>	detail	650	8.2%	10.653	1.53	(4)	(4)	\$42,690	3.4%
25-3097	<a href="#">Teachers and Instructors, All Other, Except Substitute Teachers</a>	detail	190	2.5%	3.171	1.60	(4)	(4)	\$29,400	3.2%
25-3098	<a href="#">Substitute Teachers</a>	detail	140	9.2%	2.333	0.51	\$9.12	\$9.48	\$19,730	6.0%
25-4021	<a href="#">Librarians</a>	detail	50	7.1%	0.885	0.93	\$22.58	\$22.28	\$46,340	3.9%
25-4031	<a href="#">Library Technicians</a>	detail	30	5.1%	0.502	0.73	\$14.56	\$14.74	\$30,660	2.6%

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25-9031	<a href="#">Instructional Coordinators</a>	detail	150	1.5%	2.410	2.38	(8)	(8)	(8)	(8)
25-9041	<a href="#">Teacher Assistants</a>	detail	1,030	1.7%	16.931	1.90	(4)	(4)	\$21,960	2.9%
27-0000	<a href="#">Arts, Design, Entertainment, Sports, and Media Occupations</a>	major	650	10.4%	10.707	0.80	\$12.16	\$14.63	\$30,430	4.0%
27-1024	<a href="#">Graphic Designers</a>	detail	120	35.6%	2.026	1.36	\$11.74	\$12.47	\$25,940	3.4%
27-2022	<a href="#">Coaches and Scouts</a>	detail	(8)	(8)	(8)	(8)	(4)	(4)	\$37,540	7.9%
27-3022	<a href="#">Reporters and Correspondents</a>	detail	40	17.0%	0.669	2.25	\$12.36	\$12.67	\$26,350	2.5%
27-4012	<a href="#">Broadcast Technicians</a>	detail	60	46.6%	1.048	5.11	\$13.24	\$13.02	\$27,080	12.3%
27-4031	<a href="#">Camera Operators, Television, Video, and Motion Picture</a>	detail	30	18.2%	0.548	3.77	\$10.35	\$11.32	\$23,550	2.2%
29-0000	<a href="#">Healthcare Practitioners and Technical Occupations</a>	major	1,800	3.4%	29.749	0.51	\$21.53	\$31.21	\$64,930	4.0%
29-1021	<a href="#">Dentists, General</a>	detail	40	21.4%	0.626	0.86	\$67.88	\$85.16	\$177,140	19.1%
29-1031	<a href="#">Dietitians and Nutritionists</a>	detail	40	0.0%	0.579	1.34	\$15.61	\$18.12	\$37,680	2.0%
29-1051	<a href="#">Pharmacists</a>	detail	70	17.5%	1.217	0.57	\$51.58	\$50.35	\$104,730	3.9%
29-1062	<a href="#">Family and General Practitioners</a>	detail	50	13.6%	0.863	0.93	\$72.94	\$82.52	\$171,640	11.6%
29-1069	<a href="#">Physicians and Surgeons, All Other</a>	detail	60	9.4%	1.047	0.45	(5)	\$99.51	\$206,990	9.8%
29-1141	<a href="#">Registered Nurses</a>	detail	520	2.5%	8.607	0.43	\$25.15	\$25.70	\$53,450	1.8%
29-2012	<a href="#">Medical and Clinical Laboratory Technicians</a>	detail	50	10.4%	0.834	0.73	\$13.45	\$14.68	\$30,530	2.3%
29-2021	<a href="#">Dental Hygienists</a>	detail	60	46.5%	1.047	0.72	\$14.98	\$15.89	\$33,050	16.4%
29-2031	<a href="#">Cardiovascular Technologists and Technicians</a>	detail	40	10.5%	0.612	1.64	\$16.26	\$17.53	\$36,470	2.4%
29-2034	<a href="#">Radiologic Technologists</a>	detail	60	17.0%	1.045	0.74	\$19.35	\$19.46	\$40,470	1.7%
29-2052	<a href="#">Pharmacy Technicians</a>	detail	130	23.2%	2.087	0.76	\$13.22	\$13.54	\$28,170	5.0%
29-2061	<a href="#">Licensed Practical and Licensed Vocational Nurses</a>	detail	90	9.1%	1.506	0.30	\$17.22	\$17.42	\$36,230	1.8%
29-2071	<a href="#">Medical Records and Health Information Technicians</a>	detail	90	8.3%	1.410	1.02	\$12.60	\$13.17	\$27,400	4.6%
29-9011	<a href="#">Occupational Health and Safety Specialists</a>	detail	100	5.1%	1.631	3.20	\$22.74	\$23.77	\$49,450	2.8%
31-0000	<a href="#">Healthcare Support Occupations</a>	major	590	6.6%	9.688	0.33	\$10.55	\$11.90	\$24,740	2.8%
31-1014	<a href="#">Nursing Assistants</a>	detail	100	5.6%	1.676	0.16	\$11.16	\$11.86	\$24,660	2.3%
31-9011	<a href="#">Massage Therapists</a>	detail	90	14.4%	1.532	2.29	\$9.07	\$9.26	\$19,260	3.7%
31-9091	<a href="#">Dental Assistants</a>	detail	140	21.0%	2.243	0.96	\$13.38	\$14.51	\$30,180	4.5%
31-9092	<a href="#">Medical Assistants</a>	detail	150	9.7%	2.519	0.58	\$10.97	\$11.29	\$23,480	2.8%

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33-0000	<a href="#">Protective Service Occupations</a>	major	2,740	9.7%	45.225	1.86	\$15.35	\$17.34	\$36,080	6.9%
33-9032	<a href="#">Security Guards</a>	detail	1,140	23.2%	18.819	2.36	\$8.98	\$9.41	\$19,570	3.2%
33-9092	<a href="#">Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers</a>	detail	60	6.8%	1.014	0.99	\$9.26	\$10.02	\$20,850	2.4%
33-9093	<a href="#">Transportation Security Screeners</a>	detail	170	0.0%	2.790	9.20	\$17.40	\$18.24	\$37,950	(8)
35-0000	<a href="#">Food Preparation and Serving Related Occupations</a>	major	6,300	5.3%	104.046	1.14	\$8.98	\$9.41	\$19,570	1.0%
35-1011	<a href="#">Chefs and Head Cooks</a>	detail	160	10.1%	2.651	2.83	\$10.90	\$13.89	\$28,890	4.7%
35-1012	<a href="#">First-Line Supervisors of Food Preparation and Serving Workers</a>	detail	340	13.8%	5.694	0.89	\$10.17	\$10.77	\$22,400	2.2%
35-2011	<a href="#">Cooks, Fast Food</a>	detail	110	42.3%	1.743	0.46	\$9.18	\$9.58	\$19,920	3.7%
35-2012	<a href="#">Cooks, Institution and Cafeteria</a>	detail	90	11.2%	1.423	0.48	\$10.62	\$10.98	\$22,830	1.9%
35-2014	<a href="#">Cooks, Restaurant</a>	detail	930	10.9%	15.329	1.84	\$9.15	\$9.78	\$20,340	1.7%
35-2015	<a href="#">Cooks, Short Order</a>	detail	(8)	(8)	(8)	(8)	\$8.81	\$8.76	\$18,230	4.0%
35-2021	<a href="#">Food Preparation Workers</a>	detail	1,030	11.2%	17.072	2.73	\$8.89	\$9.02	\$18,760	1.8%
35-3011	<a href="#">Bartenders</a>	detail	320	38.2%	5.202	1.22	\$8.95	\$9.04	\$18,810	3.3%
35-3021	<a href="#">Combined Food Preparation and Serving Workers, Including Fast Food</a>	detail	500	31.9%	8.232	0.35	\$9.02	\$9.26	\$19,260	4.1%
35-3022	<a href="#">Counter Attendants, Cafeteria, Food Concession, and Coffee Shop</a>	detail	200	42.5%	3.310	0.94	\$8.85	\$8.82	\$18,350	3.7%
35-3031	<a href="#">Waiters and Waitresses</a>	detail	1,730	7.1%	28.498	1.57	\$8.91	\$9.10	\$18,930	1.6%
35-3041	<a href="#">Food Servers, Nonrestaurant</a>	detail	60	26.4%	0.999	0.54	\$8.92	\$9.18	\$19,090	3.5%
35-9011	<a href="#">Dining Room and Cafeteria Attendants and Bartender Helpers</a>	detail	90	40.5%	1.477	0.49	\$8.88	\$8.86	\$18,420	3.0%
35-9021	<a href="#">Dishwashers</a>	detail	480	7.5%	7.854	2.14	\$8.87	\$8.91	\$18,530	1.4%
35-9031	<a href="#">Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop</a>	detail	230	25.7%	3.813	1.34	\$8.84	\$8.88	\$18,480	2.9%
37-0000	<a href="#">Building and Grounds Cleaning and Maintenance Occupations</a>	major	3,150	4.7%	51.978	1.63	\$8.98	\$9.62	\$20,000	1.3%
37-1011	<a href="#">First-Line Supervisors of Housekeeping and Janitorial Workers</a>	detail	180	5.0%	2.897	2.39	\$10.58	\$12.40	\$25,800	2.1%

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37-1012	<a href="#">First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers</a>	detail	50	23.6%	0.835	1.11	\$12.02	\$14.98	\$31,150	8.3%
37-2011	<a href="#">Janitors and Cleaners, Except Maids and Housekeeping Cleaners</a>	detail	1,180	7.8%	19.509	1.25	\$8.96	\$9.46	\$19,680	2.1%
37-2012	<a href="#">Maids and Housekeeping Cleaners</a>	detail	1,150	6.8%	19.022	2.83	\$8.88	\$9.02	\$18,760	1.6%
37-3011	<a href="#">Landscaping and Groundskeeping Workers</a>	detail	510	11.9%	8.366	1.29	\$9.04	\$9.77	\$20,320	1.9%
39-0000	<a href="#">Personal Care and Service Occupations</a>	major	1,510	6.3%	24.978	0.80	\$9.16	\$11.25	\$23,400	2.3%
39-3031	<a href="#">Ushers, Lobby Attendants, and Ticket Takers</a>	detail	90	46.2%	1.438	1.74	\$8.77	\$8.68	\$18,060	5.6%
39-3091	<a href="#">Amusement and Recreation Attendants</a>	detail	230	20.3%	3.727	1.88	\$8.93	\$9.05	\$18,830	2.3%
39-5012	<a href="#">Hairdressers, Hairstylists, and Cosmetologists</a>	detail	80	46.4%	1.339	0.53	\$9.25	\$11.01	\$22,900	6.7%
39-6011	<a href="#">Baggage Porters and Bellhops</a>	detail	230	4.4%	3.744	11.09	(8)	(8)	(8)	(8)
39-6012	<a href="#">Concierges</a>	detail	140	3.1%	2.291	10.05	\$9.21	\$10.00	\$20,810	2.8%
39-7011	<a href="#">Tour Guides and Escorts</a>	detail	190	18.0%	3.199	12.28	\$9.27	\$10.47	\$21,770	3.2%
39-9011	<a href="#">Childcare Workers</a>	detail	180	10.0%	2.960	0.71	\$8.98	\$9.12	\$18,960	2.5%
39-9031	<a href="#">Fitness Trainers and Aerobics Instructors</a>	detail	50	21.1%	0.786	0.46	\$26.55	\$25.59	\$53,230	12.9%
39-9032	<a href="#">Recreation Workers</a>	detail	170	9.6%	2.737	1.12	\$9.09	\$10.35	\$21,520	2.7%
41-0000	<a href="#">Sales and Related Occupations</a>	major	4,490	3.5%	74.038	0.71	\$9.28	\$10.77	\$22,410	1.0%
41-1011	<a href="#">First-Line Supervisors of Retail Sales Workers</a>	detail	400	12.9%	6.524	0.75	\$12.86	\$13.24	\$27,530	2.1%
41-1012	<a href="#">First-Line Supervisors of Non-Retail Sales Workers</a>	detail	70	10.0%	1.225	0.68	\$15.18	\$16.86	\$35,070	6.6%
41-2011	<a href="#">Cashiers</a>	detail	1,830	9.2%	30.193	1.20	\$9.02	\$9.35	\$19,440	1.1%
41-2021	<a href="#">Counter and Rental Clerks</a>	detail	140	34.7%	2.321	0.72	\$9.20	\$10.30	\$21,420	3.1%
41-2022	<a href="#">Parts Salespersons</a>	detail	50	11.4%	0.825	0.48	\$9.47	\$10.64	\$22,130	4.0%
41-2031	<a href="#">Retail Salespersons</a>	detail	1,510	10.6%	24.912	0.74	\$9.32	\$10.45	\$21,740	1.7%
41-3011	<a href="#">Advertising Sales Agents</a>	detail	40	17.6%	0.578	0.53	\$14.26	\$15.68	\$32,620	5.8%
41-3041	<a href="#">Travel Agents</a>	detail	90	21.7%	1.413	2.93	\$12.55	\$12.96	\$26,950	8.2%
41-3099	<a href="#">Sales Representatives, Services, All Other</a>	detail	80	12.2%	1.378	0.21	\$15.11	\$15.98	\$33,240	3.5%

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
41-4012	<a href="#">Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products</a>	detail	120	18.7%	1.959	0.19	\$10.53	\$13.51	\$28,090	10.2%
43-0000	<a href="#">Office and Administrative Support Occupations</a>	major	10,640	2.0%	175.577	1.11	\$11.80	\$13.69	\$28,470	2.2%
43-1011	<a href="#">First-Line Supervisors of Office and Administrative Support Workers</a>	detail	790	5.0%	12.964	1.25	\$19.02	\$19.84	\$41,260	2.8%
43-2011	<a href="#">Switchboard Operators, Including Answering Service</a>	detail	80	8.1%	1.352	1.86	\$9.79	\$11.00	\$22,890	3.6%
43-3011	<a href="#">Bill and Account Collectors</a>	detail	170	7.8%	2.813	1.22	\$11.34	\$12.20	\$25,390	2.1%
43-3021	<a href="#">Billing and Posting Clerks</a>	detail	150	11.3%	2.450	0.69	\$11.62	\$12.59	\$26,180	2.7%
43-3031	<a href="#">Bookkeeping, Accounting, and Auditing Clerks</a>	detail	740	4.3%	12.272	1.07	\$12.52	\$13.39	\$27,850	1.6%
43-3051	<a href="#">Payroll and Timekeeping Clerks</a>	detail	120	15.9%	2.037	1.69	\$13.20	\$13.70	\$28,490	3.1%
43-3061	<a href="#">Procurement Clerks</a>	detail	80	5.9%	1.288	2.48	\$18.94	\$16.93	\$35,220	10.8%
43-3071	<a href="#">Tellers</a>	detail	260	10.3%	4.351	1.20	\$11.00	\$11.42	\$23,750	2.6%
43-4051	<a href="#">Customer Service Representatives</a>	detail	1,010	7.8%	16.744	0.89	\$10.13	\$11.67	\$24,280	3.5%
43-4071	<a href="#">File Clerks</a>	detail	40	25.2%	0.659	0.65	\$9.15	\$9.80	\$20,390	5.2%
43-4081	<a href="#">Hotel, Motel, and Resort Desk Clerks</a>	detail	240	15.3%	3.940	2.23	\$9.02	\$9.42	\$19,590	1.7%
43-4111	<a href="#">Interviewers, Except Eligibility and Loan</a>	detail	50	23.3%	0.801	0.60	\$11.94	\$12.39	\$25,760	5.8%
43-4131	<a href="#">Loan Interviewers and Clerks</a>	detail	50	18.4%	0.787	0.50	\$11.66	\$12.47	\$25,930	3.4%
43-4161	<a href="#">Human Resources Assistants, Except Payroll and Timekeeping</a>	detail	70	5.6%	1.170	1.16	\$14.01	\$14.66	\$30,490	1.6%
43-4171	<a href="#">Receptionists and Information Clerks</a>	detail	320	12.3%	5.271	0.74	\$9.31	\$10.22	\$21,270	2.2%
43-4181	<a href="#">Reservation and Transportation Ticket Agents and Travel Clerks</a>	detail	390	3.7%	6.418	6.38	(8)	(8)	(8)	(8)
43-5011	<a href="#">Cargo and Freight Agents</a>	detail	90	2.7%	1.499	2.55	\$17.08	\$16.85	\$35,050	4.0%
43-5021	<a href="#">Couriers and Messengers</a>	detail	130	19.3%	2.151	4.05	\$10.18	\$11.70	\$24,340	5.8%



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
43-5032	<a href="#">Dispatchers, Except Police, Fire, and Ambulance</a>	detail	120	3.3%	2.027	1.42	\$14.43	\$14.52	\$30,200	2.4%
43-5051	<a href="#">Postal Service Clerks</a>	detail	30	0.0%	0.528	0.93	\$27.30	\$23.13	\$48,120	(8)
43-5061	<a href="#">Production, Planning, and Expediting Clerks</a>	detail	650	4.0%	10.694	4.77	\$20.05	\$19.38	\$40,310	2.6%
43-5071	<a href="#">Shipping, Receiving, and Traffic Clerks</a>	detail	270	5.6%	4.427	0.90	\$9.21	\$12.49	\$25,980	7.8%
43-5081	<a href="#">Stock Clerks and Order Fillers</a>	detail	1,310	5.6%	21.645	1.54	\$9.19	\$10.64	\$22,120	2.0%
43-5111	<a href="#">Weighers, Measurers, Checkers, and Samplers, Recordkeeping</a>	detail	30	0.7%	0.576	1.15	\$15.61	\$15.01	\$31,210	2.9%
43-6011	<a href="#">Executive Secretaries and Executive Administrative Assistants</a>	detail	960	12.2%	15.877	3.29	\$13.96	\$15.08	\$31,370	2.5%
43-6012	<a href="#">Legal Secretaries</a>	detail	90	16.7%	1.431	0.97	\$16.95	\$17.88	\$37,190	3.2%
43-6013	<a href="#">Medical Secretaries</a>	detail	40	0.0%	0.680	0.18	\$9.85	\$11.30	\$23,510	2.0%
43-6014	<a href="#">Secretaries and Administrative Assistants, Except Legal, Medical, and Executive</a>	detail	450	10.1%	7.448	0.45	\$13.81	\$14.47	\$30,110	2.5%
43-9011	<a href="#">Computer Operators</a>	detail	40	4.1%	0.736	1.97	\$15.15	\$16.07	\$33,430	2.7%
43-9021	<a href="#">Data Entry Keyers</a>	detail	110	5.1%	1.786	1.24	\$10.08	\$10.93	\$22,730	1.9%
43-9022	<a href="#">Word Processors and Typists</a>	detail	110	2.9%	1.831	3.68	\$15.35	\$14.93	\$31,050	1.7%
43-9041	<a href="#">Insurance Claims and Policy Processing Clerks</a>	detail	(8)	(8)	(8)	(8)	\$11.24	\$12.08	\$25,130	4.2%
43-9061	<a href="#">Office Clerks, General</a>	detail	1,040	7.7%	17.200	0.81	\$9.27	\$10.42	\$21,680	1.3%
43-9199	<a href="#">Office and Administrative Support Workers, All Other</a>	detail	60	11.9%	1.014	0.58	\$18.35	\$17.56	\$36,520	6.2%
45-0000	<a href="#">Farming, Fishing, and Forestry Occupations</a>	major	40	2.7%	0.715	0.22	\$13.88	\$15.68	\$32,620	2.2%
47-0000	<a href="#">Construction and Extraction Occupations</a>	major	5,650	2.6%	93.286	2.35	\$13.72	\$14.57	\$30,300	1.6%
47-1011	<a href="#">First-Line Supervisors of Construction Trades and Extraction Workers</a>	detail	340	13.0%	5.537	1.48	\$19.99	\$22.83	\$47,480	2.3%
47-2021	<a href="#">Brickmasons and Blockmasons</a>	detail	70	22.3%	1.093	2.46	\$13.60	\$13.52	\$28,110	4.0%
47-2031	<a href="#">Carpenters</a>	detail	1,340	14.8%	22.055	4.76	\$13.86	\$14.29	\$29,720	1.4%
47-2051	<a href="#">Cement Masons and Concrete Finishers</a>	detail	580	13.5%	9.646	8.14	\$14.22	\$14.57	\$30,310	2.2%
47-2061	<a href="#">Construction Laborers</a>	detail	930	8.7%	15.415	2.39	\$10.08	\$10.74	\$22,330	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
47-2073	<a href="#">Operating Engineers and Other Construction Equipment Operators</a>	detail	70	9.6%	1.194	0.46	\$16.52	\$17.17	\$35,720	3.6%
47-2111	<a href="#">Electricians</a>	detail	610	6.0%	10.053	2.34	\$17.70	\$19.00	\$39,510	4.6%
47-2141	<a href="#">Painters, Construction and Maintenance</a>	detail	180	13.0%	3.031	1.96	\$13.95	\$14.31	\$29,770	1.5%
47-2152	<a href="#">Plumbers, Pipefitters, and Steamfitters</a>	detail	210	7.3%	3.427	1.21	\$16.05	\$17.14	\$35,650	1.8%
47-2171	<a href="#">Reinforcing Iron and Rebar Workers</a>	detail	120	7.7%	1.946	13.38	\$13.60	\$13.88	\$28,870	2.3%
47-2181	<a href="#">Roofers</a>	detail	40	19.1%	0.629	0.79	\$13.27	\$13.74	\$28,580	3.1%
47-2211	<a href="#">Sheet Metal Workers</a>	detail	170	9.8%	2.859	2.91	\$14.82	\$15.57	\$32,380	1.7%
47-2221	<a href="#">Structural Iron and Steel Workers</a>	detail	40	0.0%	0.578	1.24	\$13.63	\$13.59	\$28,270	3.5%
47-3012	<a href="#">Helpers--Carpenters</a>	detail	40	15.5%	0.655	2.39	\$10.73	\$10.71	\$22,280	2.8%
47-3013	<a href="#">Helpers--Electricians</a>	detail	310	6.9%	5.134	9.89	\$10.90	\$11.15	\$23,190	3.3%
47-3015	<a href="#">Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters</a>	detail	80	6.7%	1.276	3.17	\$10.24	\$10.35	\$21,530	1.7%
47-4011	<a href="#">Construction and Building Inspectors</a>	detail	40	18.9%	0.664	1.00	\$23.85	\$24.16	\$50,250	8.5%
47-4041	<a href="#">Hazardous Materials Removal Workers</a>	detail	60	42.8%	1.063	3.44	\$12.45	\$14.20	\$29,540	14.3%
49-0000	<a href="#">Installation, Maintenance, and Repair Occupations</a>	major	3,230	2.6%	53.316	1.37	\$13.79	\$15.64	\$32,540	2.5%
49-1011	<a href="#">First-Line Supervisors of Mechanics, Installers, and Repairers</a>	detail	260	3.6%	4.224	1.31	\$22.11	\$24.04	\$50,010	4.2%
49-2097	<a href="#">Electronic Home Entertainment Equipment Installers and Repairers</a>	detail	(8)	(8)	(8)	(8)	\$9.33	\$10.07	\$20,950	3.8%
49-2098	<a href="#">Security and Fire Alarm Systems Installers</a>	detail	40	0.0%	0.632	1.35	\$13.37	\$13.99	\$29,100	1.8%
49-3011	<a href="#">Aircraft Mechanics and Service Technicians</a>	detail	110	9.7%	1.766	1.96	(8)	(8)	(8)	(8)
49-3021	<a href="#">Automotive Body and Related Repairers</a>	detail	70	39.8%	1.169	1.13	\$12.55	\$12.07	\$25,110	6.3%
49-3023	<a href="#">Automotive Service Technicians and Mechanics</a>	detail	260	14.4%	4.304	0.93	\$13.71	\$14.33	\$29,810	3.4%
49-3031	<a href="#">Bus and Truck Mechanics and Diesel Engine Specialists</a>	detail	90	6.6%	1.449	0.79	\$15.50	\$14.91	\$31,010	1.9%
49-3042	<a href="#">Mobile Heavy Equipment Mechanics, Except Engines</a>	detail	160	5.7%	2.699	3.05	\$19.49	\$18.50	\$38,470	2.5%
49-3093	<a href="#">Tire Repairers and Changers</a>	detail	70	12.5%	1.205	1.55	\$9.33	\$10.39	\$21,600	6.4%

Occupation code	Occupation title (click on the occupation title to view its profile)	Level	Employment	Employment RSE	Employment per 1,000 jobs	Location quotient	Median hourly wage	Mean hourly wage	Annual mean wage	Mean wage RSE
49-9021	<a href="#">Heating, Air Conditioning, and Refrigeration Mechanics and Installers</a>	detail	180	13.1%	2.999	1.51	\$15.88	\$16.59	\$34,500	3.1%
49-9041	<a href="#">Industrial Machinery Mechanics</a>	detail	130	11.2%	2.075	0.89	\$21.96	\$21.73	\$45,200	4.7%
49-9043	<a href="#">Maintenance Workers, Machinery</a>	detail	30	26.7%	0.530	0.79	\$11.39	\$13.82	\$28,740	2.1%
49-9071	<a href="#">Maintenance and Repair Workers, General</a>	detail	990	4.8%	16.401	1.72	\$11.94	\$13.64	\$28,370	2.5%
49-9092	<a href="#">Commercial Divers</a>	detail	40	49.8%	0.616	24.61	\$9.20	\$10.97	\$22,810	18.3%
49-9098	<a href="#">Helpers--Installation, Maintenance, and Repair Workers</a>	detail	410	5.0%	6.706	7.44	\$9.45	\$10.12	\$21,050	1.8%
51-0000	<a href="#">Production Occupations</a>	major	1,550	5.0%	25.574	0.39	\$12.10	\$13.84	\$28,780	4.5%
51-1011	<a href="#">First-Line Supervisors of Production and Operating Workers</a>	detail	90	13.3%	1.492	0.34	\$24.15	\$23.11	\$48,060	4.9%
51-2041	<a href="#">Structural Metal Fabricators and Fitters</a>	detail	(8)	(8)	(8)	(8)	\$14.02	\$14.23	\$29,590	5.4%
51-2099	<a href="#">Assemblers and Fabricators, All Other</a>	detail	30	42.2%	0.540	0.33	\$9.48	\$10.69	\$22,230	7.5%
51-3011	<a href="#">Bakers</a>	detail	160	10.6%	2.603	2.03	\$8.93	\$9.25	\$19,230	2.0%
51-3021	<a href="#">Butchers and Meat Cutters</a>	detail	170	19.2%	2.834	2.85	\$10.26	\$11.67	\$24,260	7.8%
51-4121	<a href="#">Welders, Cutters, Solderers, and Brazers</a>	detail	160	3.4%	2.646	0.94	\$16.98	\$17.07	\$35,510	2.3%
51-6011	<a href="#">Laundry and Dry-Cleaning Workers</a>	detail	220	7.1%	3.607	2.47	\$8.85	\$8.85	\$18,420	2.1%
51-9061	<a href="#">Inspectors, Testers, Sorters, Samplers, and Weighers</a>	detail	40	26.6%	0.687	0.19	\$14.07	\$14.59	\$30,350	3.1%
51-9111	<a href="#">Packaging and Filling Machine Operators and Tenders</a>	detail	50	14.4%	0.850	0.31	\$9.33	\$10.12	\$21,050	3.9%
51-9198	<a href="#">Helpers--Production Workers</a>	detail	50	22.8%	0.778	0.24	\$9.10	\$9.69	\$20,140	3.4%
53-0000	<a href="#">Transportation and Material Moving Occupations</a>	major	3,340	4.0%	55.057	0.80	\$11.58	\$15.94	\$33,150	7.6%
53-1021	<a href="#">First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand</a>	detail	40	3.7%	0.596	0.47	\$20.48	\$21.58	\$44,890	2.4%
53-1031	<a href="#">First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators</a>	detail	90	7.3%	1.430	0.97	\$14.98	\$19.30	\$40,140	5.4%
53-2021	<a href="#">Air Traffic Controllers</a>	detail	(8)	(8)	(8)	(8)	\$36.48	\$39.48	\$82,120	11.4%

Occupation code	Occupation title (click on the occupation title to view its profile)	Level	Employment	Employment RSE	Employment per 1,000 jobs	Location quotient	Median hourly wage	Mean hourly wage	Annual mean wage	Mean wage RSE
53-2022	<a href="#">Airfield Operations Specialists</a>	detail	40	46.3%	0.693	12.06	\$28.55	\$27.48	\$57,160	7.7%
53-3021	<a href="#">Bus Drivers, Transit and Intercity</a>	detail	200	16.2%	3.221	2.63	\$9.30	\$9.96	\$20,720	2.6%
53-3031	<a href="#">Driver/Sales Workers</a>	detail	140	22.3%	2.267	0.75	\$9.13	\$9.77	\$20,310	2.4%
53-3032	<a href="#">Heavy and Tractor-Trailer Truck Drivers</a>	detail	580	7.5%	9.644	0.79	\$14.05	\$14.45	\$30,060	2.2%
53-3033	<a href="#">Light Truck or Delivery Services Drivers</a>	detail	330	8.9%	5.451	0.91	\$9.15	\$9.96	\$20,720	2.0%
53-3041	<a href="#">Taxi Drivers and Chauffeurs</a>	detail	190	20.5%	3.194	2.43	\$9.00	\$9.15	\$19,030	2.2%
53-5011	<a href="#">Sailors and Marine Oilers</a>	detail	40	29.4%	0.723	3.26	\$11.36	\$12.01	\$24,980	9.4%
53-6021	<a href="#">Parking Lot Attendants</a>	detail	50	19.4%	0.771	0.74	\$9.04	\$9.11	\$18,940	3.3%
53-6031	<a href="#">Automotive and Watercraft Service Attendants</a>	detail	90	12.7%	1.491	1.87	\$8.88	\$8.86	\$18,440	2.8%
53-7021	<a href="#">Crane and Tower Operators</a>	detail	50	0.9%	0.840	2.49	\$20.26	\$19.64	\$40,840	2.3%
53-7032	<a href="#">Excavating and Loading Machine and Dragline Operators</a>	detail	(8)	(8)	(8)	(8)	\$11.16	\$11.30	\$23,500	6.4%
53-7051	<a href="#">Industrial Truck and Tractor Operators</a>	detail	110	7.5%	1.806	0.46	\$15.73	\$16.36	\$34,030	3.2%
53-7061	<a href="#">Cleaners of Vehicles and Equipment</a>	detail	180	20.1%	2.894	1.18	\$9.00	\$9.21	\$19,150	2.5%
53-7062	<a href="#">Laborers and Freight, Stock, and Material Movers, Hand</a>	detail	240	13.9%	3.921	0.22	\$11.37	\$13.02	\$27,080	4.3%
53-7064	<a href="#">Packers and Packers, Hand</a>	detail	250	21.3%	4.054	0.78	\$8.95	\$9.17	\$19,060	2.8%
53-7081	<a href="#">Refuse and Recyclable Material Collectors</a>	detail	80	0.0%	1.387	1.67	(8)	(8)	(8)	(8)

[About May 2015 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 \$90.00 per hour or \$187,200 per year.
- (8) Estimates not released.
- (9) The location quotient is the ratio of the area concentration of occupational employment to the national average concentration. A location quotient greater than one indicates the occupation has a higher share of employment than average, and a location quotient less than one indicates the occupation is less prevalent in the area than average.

## Occupational Employment Statistics

# Technical Notes for May 2015 OES Estimates

### Scope of the survey

The Occupational Employment Statistics (OES) survey is a semiannual mail 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, forms are mailed to two semiannual panels of approximately 200,000 sampled establishments, one panel in May and the other in November. The May 2015 estimates are based on responses from six semiannual panels collected over a 3-year period: May 2015, November 2014, May 2014, November 2013, May 2013, and November 2012. The overall national response rate for the six panels, based on the 50 states and the District of Columbia, is 73.5 percent based on establishments and 69.6 percent based on weighted sampled employment. The unweighted employment of sampled establishments across all six semiannual panels represents approximately 57.9 percent of total national employment. (Response rates are slightly lower for these estimates due to the federal shutdown in October 2013.)

### 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 [www.bls.gov/soc/](http://www.bls.gov/soc/).

### The industry coding system

The May 2015 OES estimates use the 2012 North American Industry Classification System (NAICS). For more information about NAICS, see the BLS website at [www.bls.gov/bls/naics.htm](http://www.bls.gov/bls/naics.htm).

The 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 collects wage data in 12 intervals. For each occupation, respondents are asked to report the number of employees paid within specific wage intervals. The intervals are defined both as hourly rates and the corresponding annual rates, where the annual rate for an occupation is calculated by multiplying the hourly wage rate by a typical work year of 2,080 hours. 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.* About 25 percent of 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 2014 and May 2015 employment) from the BLS Quarterly Census of Employment and Wages to employment totals from the OES survey.

## Changes and special procedures for the May 2015 estimates

With the issuance of data for May 2015, the OES program has incorporated redefined metropolitan area definitions as designated by the Office of Management and Budget. OES data are available for 394 metropolitan areas, 38 metropolitan divisions, and 167 OES-defined nonmetropolitan areas. A listing of the areas and their definitions can be found at [www.bls.gov/oes/current/msa\\_def.htm](http://www.bls.gov/oes/current/msa_def.htm).

The Quarterly Census of Employment and Wages program, from which the OES sample is drawn, has recently begun coding some establishments that were historically found in NAICS 814110 Private Households to NAICS 624120 Services for the Elderly and Persons with Disabilities. 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 three most recent of the six survey panels used to produce the May 2015 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 [www.bls.gov/oes/oes\\_ques.htm](http://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 [www.bls.gov/oes/current/methods\\_statement.pdf](http://www.bls.gov/oes/current/methods_statement.pdf).

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[May 2015 National Occupational Employment and Wage Estimates](#)

[May 2015 State Occupational Employment and Wage Estimates](#)

[May 2015 Metropolitan and Nonmetropolitan Area Occupational Employment and Wage Estimates](#)

[May 2015 National Industry-Specific Occupational Employment and Wage Estimates](#)

[May 2015 Occupation Profiles](#)

**Last Modified Date:** March 30, 2016

# May 2015 OES Estimates

## Occupational Employment Statistics (OES) Survey

Bureau of Labor Statistics, Department of Labor

website: [www.bls.gov/oes](http://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 greater than or equal to \$90.00 per hour or \$187,200 per year

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



OCC_CODE	OCC_TITLE	OCC_GROUP	TOT_EMP	EMP_PRSE	JOBS_1000	LOC_Q	H_MEAN	A_MEAN	MEAN_PRSE	H_PCT10	H_PCT25	H_MEDIAN	H_PCT75	H_PCT90	A_PCT10	A_PCT25	A_MEDIAN	A_PCT75	A_PCT90
00-0000	All Occupations	total	60,580	1.1	1000.000	1.00	16.59	34,500	2.6	8.61	9.15	12.63	19.40	29.54	17,910	19,020	26,280	40,360	61,440
11-0000	Management Occupations	major	5,250	3.4	86.728	1.72	31.33	65,170	2.2	12.97	18.16	26.94	38.35	53.17	26,990	37,780	56,040	79,770	110,590
11-1011	Chief Executives	detailed	840	6.9	13.915	8.03	43.57	90,630	3.6	13.61	20.52	33.21	53.30	#	28,300	42,680	69,080	110,850	#
11-1021	General and Operations Managers	detailed	1,960	7.1	32.403	2.08	28.00	58,240	3.4	12.07	16.91	24.19	36.35	47.42	25,100	35,180	50,310	75,610	98,630
11-2011	Advertising and Promotions Managers	detailed	60	25.4	1.030	4.84	28.41	59,080	4.4	14.44	20.46	29.15	35.78	39.17	30,040	42,560	60,630	74,430	81,470
11-2021	Marketing Managers	detailed	60	12.4	1.061	0.76	27.25	56,680	3.3	13.42	17.37	26.38	33.78	43.17	27,900	36,130	54,880	70,270	89,800
11-2022	Sales Managers	detailed	310	10.5	5.149	1.95	22.55	46,910	3.0	11.96	16.30	21.14	27.88	34.75	24,880	33,910	43,960	57,980	72,280
11-3011	Administrative Services Managers	detailed	320	4.7	5.357	2.74	25.29	52,600	1.9	15.36	18.91	23.77	30.25	37.77	31,950	39,340	49,450	62,930	78,570
11-3021	Computer and Information Systems Managers	detailed	40	18.8	0.642	0.26	34.11	70,950	2.3	22.54	26.20	30.83	36.87	53.11	46,880	54,500	64,120	76,690	110,470
11-3031	Financial Managers	detailed	330	7.3	5.479	1.42	36.74	76,410	6.4	18.17	23.47	29.59	43.49	63.91	37,790	48,810	61,550	90,450	132,940
11-3061	Purchasing Managers	detailed	50	13.0	0.888	1.69	24.42	50,790	4.0	12.62	16.50	22.92	29.14	36.07	26,250	34,320	47,670	60,600	75,030
11-3071	Transportation, Storage, and Distribution Managers	detailed	80	8.8	1.286	1.62	31.98	66,510	4.9	16.02	20.98	29.54	44.15	53.16	33,310	43,640	61,440	91,830	110,560
11-3121	Human Resources Managers	detailed	70	5.3	1.118	1.26	29.61	61,590	2.5	15.35	20.70	30.94	37.27	45.15	31,930	43,050	64,360	77,520	93,910
11-9021	Construction Managers	detailed	200	15.8	3.283	1.89	38.68	80,460	5.7	20.68	26.06	34.95	49.40	61.63	43,020	54,200	72,700	102,740	128,200
11-9032	Education Administrators, Elementary and Secondary School	detailed	110	4.9	1.780	1.04	*	67,660	3.2	*	*	*	*	*	48,850	58,910	69,190	77,150	88,740
11-9041	Architectural and Engineering Managers	detailed	50	36.5	0.824	0.63	38.42	79,900	3.3	23.93	30.33	38.49	47.41	53.74	49,770	63,100	80,050	98,620	111,780
11-9051	Food Service Managers	detailed	250	14.0	4.077	2.79	15.56	32,360	3.7	10.48	11.73	14.21	18.18	23.08	21,800	24,390	29,550	37,820	48,010
11-9081	Lodging Managers	detailed	50	17.2	0.778	3.02	15.56	32,370	7.2	8.88	10.04	14.09	17.88	24.14	18,470	20,880	29,310	37,200	50,210
11-9141	Property, Real Estate, and Community Association Managers	detailed	70	8.2	1.157	0.91	24.09	50,100	5.8	11.34	14.43	22.09	32.37	42.03	23,590	30,020	45,950	67,330	87,430
13-0000	Business and Financial Operations Occupations	major	2,360	3.1	38.982	0.76	23.39	48,650	4.3	12.07	15.72	21.55	30.08	37.13	25,110	32,690	44,830	62,560	77,230
13-1022	Wholesale and Retail Buyers, Except Farm Products	detailed	60	9.4	0.981	1.22	14.36	29,870	4.2	9.72	11.82	13.51	15.93	18.20	20,220	24,580	28,110	33,140	37,860
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	detailed	160	4.2	2.712	1.28	23.93	49,780	5.2	10.66	13.96	20.01	37.12	38.25	22,170	29,040	41,610	77,210	79,550
13-1031	Claims Adjusters, Examiners, and Investigators	detailed	60	19.9	0.923	0.47	20.27	42,170	4.0	12.08	14.41	17.58	23.78	34.85	25,140	29,970	36,570	49,460	72,480
13-1041	Compliance Officers	detailed	210	2.3	3.495	1.88	28.69	59,680	5.5	13.92	19.03	29.87	37.13	38.25	28,960	39,580	62,130	77,230	79,560
13-1051	Cost Estimators	detailed	80	6.9	1.322	0.84	26.67	55,480	3.0	13.78	19.84	24.90	33.48	41.01	28,660	41,270	51,790	69,630	85,300
13-1071	Human Resources Specialists	detailed	160	4.2	2.674	0.75	22.14	46,060	3.3	12.22	16.71	21.23	26.52	33.79	25,420	34,760	44,150	55,160	70,280
13-1111	Management Analysts	detailed	140	6.7	2.352	0.53	28.75	59,810	6.5	15.60	21.28	28.34	35.99	42.33	32,450	44,260	58,940	74,860	88,050
13-1121	Meeting, Convention, and Event Planners	detailed	40	43.8	0.652	1.03	13.52	28,110	17.9	8.64	9.22	11.39	16.94	21.86	17,960	19,170	23,680	35,230	45,460
13-1151	Training and Development Specialists	detailed	30	5.1	0.546	0.30	19.68	40,920	4.3	12.32	13.99	19.16	23.68	28.71	25,630	29,100	39,860	49,260	59,710
13-1161	Market Research Analysts and Marketing Specialists	detailed	70	10.9	1.078	0.29	18.41	38,290	5.6	10.10	12.93	17.36	23.67	28.74	21,010	26,890	36,110	49,220	59,780
13-1199	Business Operations Specialists, All Other	detailed	250	2.2	4.165	0.62	32.40	67,380	2.5	21.55	27.14	32.14	38.24	43.88	44,830	56,450	66,840	79,540	91,260
13-2011	Accountants and Auditors	detailed	540	6.9	8.951	1.01	19.13	39,780	2.2	9.83	14.95	18.16	23.01	28.84	20,440	31,090	37,780	47,850	59,980
13-2031	Budget Analysts	detailed	40	1.7	0.578	1.42	25.34	52,720	2.3	17.81	20.77	24.82	28.99	36.60	37,050	43,210	51,630	60,290	76,130
13-2041	Credit Analysts	detailed	40	8.5	0.669	1.30	26.49	55,100	6.5	10.59	19.95	23.38	33.17	37.99	22,020	41,490	48,630	68,990	79,010
13-2053	Insurance Underwriters	detailed	130	46.8	2.092	3.21	20.30	42,230	11.3	10.11	14.29	20.58	25.84	29.48	21,030	29,720	42,800	53,740	61,320
13-2072	Loan Officers	detailed	70	5.5	1.200	0.54	21.62	44,970	4.6	12.20	15.12	19.78	26.15	34.84	25,380	31,450	41,140	54,390	72,460
13-2082	Tax Preparers	detailed	50	26.3	0.888	1.70	15.86	32,990	5.5	12.69	13.76	15.36	17.68	19.64	26,390	28,620	31,960	36,770	40,860

OCC_CODE	OCC_TITLE	OCC_GROUP	TOT_EMP	EMP_PRSE	JOBS_1000	LOC_Q	H_MEAN	A_MEAN	MEAN_PRSE	H_PCT10	H_PCT25	H_MEDIAN	H_PCT75	H_PCT90	A_PCT10	A_PCT25	A_MEDIAN	A_PCT75	A_PCT90
15-0000	Computer and Mathematical Occupations	major	510	3.1	8.379	0.29	24.29	50,520	3.3	12.64	16.32	21.81	31.37	38.87	26,290	33,940	45,360	65,250	80,860
15-1121	Computer Systems Analysts	detailed	40	0.7	0.730	0.18	23.60	49,090	2.2	16.93	19.67	22.49	27.52	33.63	35,210	40,910	46,790	57,240	69,950
15-1142	Network and Computer Systems Administrators	detailed	90	8.5	1.562	0.58	24.96	51,920	3.3	15.83	19.72	23.80	30.74	35.69	32,920	41,020	49,500	63,930	74,240
15-1151	Computer User Support Specialists	detailed	130	5.1	2.176	0.51	17.03	35,430	2.2	9.76	12.61	16.60	20.24	26.37	20,310	26,230	34,540	42,100	54,850
17-0000	Architecture and Engineering Occupations	major	920	5.5	15.179	0.85	27.18	56,540	3.5	15.12	18.52	24.22	33.79	43.33	31,440	38,520	50,370	70,280	90,130
17-1011	Architects, Except Landscape and Naval	detailed	50	20.8	0.905	1.33	32.61	67,820	2.2	19.38	24.85	29.47	42.60	51.01	40,320	51,690	61,290	88,610	106,100
17-2051	Civil Engineers	detailed	290	14.0	4.772	2.39	29.58	61,520	5.2	16.77	19.39	25.44	35.97	46.15	34,880	40,340	52,910	74,810	95,990
17-2071	Electrical Engineers	detailed	150	26.9	2.519	1.95	24.58	51,120	5.1	14.36	17.64	22.13	31.69	40.08	29,880	36,690	46,040	65,910	83,360
17-2141	Mechanical Engineers	detailed	60	18.5	0.938	0.46	31.52	65,570	4.5	19.34	21.53	27.80	38.11	44.86	40,230	44,780	57,820	79,270	93,310
17-3011	Architectural and Civil Drafters	detailed	90	24.3	1.560	2.26	17.64	36,700	4.9	12.26	14.09	16.83	20.42	24.08	25,500	29,310	35,010	42,470	50,090
17-3023	Electrical and Electronics Engineering Technicians	detailed	60	14.3	1.033	1.02	25.71	53,470	5.0	13.56	17.95	25.60	31.82	37.13	28,200	37,340	53,240	66,190	77,230
17-3029	Engineering Technicians, Except Drafters, All Other	detailed	50	8.8	0.905	1.76	30.97	64,410	4.8	23.46	28.15	30.98	33.79	37.13	48,800	58,560	64,440	70,280	77,220
19-0000	Life, Physical, and Social Science Occupations	major	350	2.2	5.740	0.69	23.86	49,630	4.6	10.91	14.81	21.00	31.90	39.42	22,690	30,800	43,680	66,360	81,990
19-2041	Environmental Scientists and Specialists, Including Health	detailed	30	7.0	0.560	0.88	30.18	62,760	2.6	20.38	23.29	27.43	38.25	43.87	42,390	48,440	57,060	79,550	91,250
21-0000	Community and Social Service Occupations	major	780	7.2	12.856	0.90	20.58	42,810	3.4	12.09	14.48	20.11	25.32	30.20	25,150	30,120	41,830	52,660	62,810
21-1012	Educational, Guidance, School, and Vocational Counselors	detailed	160	19.8	2.640	1.44	23.87	49,640	3.1	15.99	20.14	23.86	28.27	32.09	33,250	41,880	49,630	58,810	66,740
21-1015	Rehabilitation Counselors	detailed	**	**	**	**	17.15	35,680	4.4	14.78	15.60	16.94	18.28	21.00	30,730	32,450	35,240	38,030	43,680
21-1021	Child, Family, and School Social Workers	detailed	80	41.0	1.387	0.65	17.07	35,500	3.2	12.26	13.33	15.18	20.37	25.50	25,500	27,730	31,580	42,370	53,050
21-1023	Mental Health and Substance Abuse Social Workers	detailed	80	0.0	1.311	1.64	16.81	34,960	3.2	12.39	13.15	14.43	21.12	23.65	25,770	27,360	30,010	43,920	49,180
21-1093	Social and Human Service Assistants	detailed	100	0.0	1.664	0.64	18.23	37,920	2.6	11.94	13.51	18.28	22.87	26.85	24,840	28,100	38,020	47,560	55,840
21-1094	Community Health Workers	detailed	**	**	**	**	22.49	46,780	2.4	8.90	12.85	24.65	29.72	35.87	18,510	26,720	51,280	61,820	74,620
21-2011	Clergy	detailed	80	31.0	1.321	3.77	17.82	37,070	17.0	9.80	11.02	20.18	22.64	25.15	20,390	22,930	41,980	47,080	52,300
23-0000	Legal Occupations	major	320	4.3	5.259	0.68	33.89	70,480	4.4	15.56	19.61	28.70	43.86	57.87	32,360	40,790	59,690	91,240	120,370
23-1011	Lawyers	detailed	150	7.2	2.537	0.57	45.36	94,350	5.0	27.11	32.21	41.78	49.77	67.21	56,380	66,990	86,910	103,520	139,810
23-2011	Paralegals and Legal Assistants	detailed	30	11.2	0.555	0.28	24.23	50,390	3.8	16.68	19.02	23.79	28.92	31.90	34,690	39,560	49,490	60,150	66,360
25-0000	Education, Training, and Library Occupations	major	4,420	1.6	72.944	1.18	18.92	39,350	2.0	9.02	10.81	17.26	24.62	29.89	18,770	22,480	35,910	51,200	62,170
25-2011	Preschool Teachers, Except Special Education	detailed	70	17.2	1.172	0.44	15.54	32,320	6.9	9.50	10.69	14.61	18.60	25.34	19,760	22,240	30,390	38,690	52,700
25-2012	Kindergarten Teachers, Except Special Education	detailed	80	10.9	1.350	1.18	*	44,310	7.4	*	*	*	*	*	20,570	29,540	48,020	57,380	62,450
25-2021	Elementary School Teachers, Except Special Education	detailed	960	2.6	15.831	1.58	*	44,200	3.2	*	*	*	*	*	26,590	33,970	44,560	55,010	61,450
25-2022	Middle School Teachers, Except Special and Career/Technical Education	detailed	610	2.2	10.029	2.19	*	43,360	3.0	*	*	*	*	*	28,290	33,780	41,460	52,740	61,490
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	detailed	650	8.2	10.653	1.53	*	42,690	3.4	*	*	*	*	*	27,470	32,840	40,940	52,380	60,520
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	detailed	190	2.5	3.171	1.60	*	29,400	3.2	*	*	*	*	*	21,390	21,390	21,400	21,400	54,870

OCC_CODE	OCC_TITLE	OCC_GROUP	TOT_EMP	EMP_PRSE	JOBS_1000	LOC_Q	H_MEAN	A_MEAN	MEAN_PRSE	H_PCT10	H_PCT25	H_MEDIAN	H_PCT75	H_PCT90	A_PCT10	A_PCT25	A_MEDIAN	A_PCT75	A_PCT90
25-3098	Substitute Teachers	detailed	140	9.2	2.333	0.51	9.48	19,730	6.0	8.42	8.68	9.12	9.55	11.74	17,520	18,060	18,960	19,860	24,420
25-4021	Librarians	detailed	50	7.1	0.885	0.93	22.28	46,340	3.9	12.59	17.19	22.58	27.69	31.99	26,190	35,760	46,970	57,590	66,540
25-4031	Library Technicians	detailed	30	5.1	0.502	0.73	14.74	30,660	2.6	11.46	12.88	14.56	16.96	18.51	23,830	26,800	30,280	35,270	38,510
25-9031	Instructional Coordinators	detailed	150	1.5	2.410	2.38	*	*	*	*	*	*	*	*	*	*	*	*	*
25-9041	Teacher Assistants	detailed	1,030	1.7	16.931	1.90	*	21,960	2.9	*	*	*	*	*	17,640	18,370	19,580	24,260	30,900
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	major	650	10.4	10.707	0.80	14.63	30,430	4.0	8.64	9.22	12.16	16.44	25.59	17,960	19,170	25,300	34,200	53,230
27-1024	Graphic Designers	detailed	120	35.6	2.026	1.36	12.47	25,940	3.4	9.33	10.34	11.74	13.97	16.55	19,400	21,510	24,420	29,060	34,430
27-2022	Coaches and Scouts	detailed	**	**	**	**	*	37,540	7.9	*	*	*	*	*	24,360	27,310	31,800	41,830	69,960
27-3022	Reporters and Correspondents	detailed	40	17.0	0.669	2.25	12.67	26,350	2.5	8.86	10.00	12.36	14.50	17.48	18,440	20,800	25,710	30,160	36,350
27-4012	Broadcast Technicians	detailed	60	46.6	1.048	5.11	13.02	27,080	12.3	8.77	10.65	13.24	14.62	16.69	18,240	22,140	27,540	30,410	34,720
27-4031	Camera Operators, Television, Video, and Motion Picture	detailed	30	18.2	0.548	3.77	11.32	23,550	2.2	8.55	9.00	10.35	13.04	16.45	17,790	18,730	21,540	27,110	34,210
29-0000	Healthcare Practitioners and Technical Occupations	major	1,800	3.4	29.749	0.51	31.21	64,930	4.0	11.09	14.65	21.53	33.09	59.40	23,070	30,470	44,790	68,830	123,550
29-1021	Dentists, General	detailed	40	21.4	0.626	0.86	85.16	177,140	19.1	31.51	37.66	67.88	#	#	65,530	78,340	141,180	#	#
29-1031	Dietitians and Nutritionists	detailed	40	0.0	0.579	1.34	18.12	37,680	2.0	8.98	11.06	15.61	21.28	34.77	18,680	22,990	32,470	44,260	72,330
29-1051	Pharmacists	detailed	70	17.5	1.217	0.57	50.35	104,730	3.9	35.39	41.49	51.58	58.64	67.16	73,610	86,310	107,290	121,980	139,690
29-1062	Family and General Practitioners	detailed	50	13.6	0.863	0.93	82.52	171,640	11.6	34.20	43.45	72.94	#	#	71,140	90,370	151,710	#	#
29-1069	Physicians and Surgeons, All Other	detailed	60	9.4	1.047	0.45	99.51	206,990	9.8	39.28	67.81	#	#	#	81,690	141,040	#	#	#
29-1141	Registered Nurses	detailed	520	2.5	8.607	0.43	25.70	53,450	1.8	16.44	19.47	25.15	31.34	36.62	34,190	40,490	52,310	65,180	76,180
29-2012	Medical and Clinical Laboratory Technicians	detailed	50	10.4	0.834	0.73	14.68	30,530	2.3	10.08	11.43	13.45	16.08	23.96	20,970	23,780	27,970	33,440	49,840
29-2021	Dental Hygienists	detailed	60	46.5	1.047	0.72	15.89	33,050	16.4	9.15	10.56	14.98	19.93	26.29	19,030	21,950	31,160	41,460	54,680
29-2031	Cardiovascular Technologists and Technicians	detailed	40	10.5	0.612	1.64	17.53	36,470	2.4	12.67	13.92	16.26	18.84	26.82	26,340	28,950	33,820	39,180	55,790
29-2034	Radiologic Technologists	detailed	60	17.0	1.045	0.74	19.46	40,470	1.7	11.35	14.76	19.35	23.72	28.23	23,600	30,700	40,240	49,340	58,720
29-2052	Pharmacy Technicians	detailed	130	23.2	2.087	0.76	13.54	28,170	5.0	9.06	10.65	13.22	15.17	19.21	18,850	22,160	27,490	31,550	39,960
29-2061	Licensed Practical and Licensed Vocational Nurses	detailed	90	9.1	1.506	0.30	17.42	36,230	1.8	12.78	14.22	17.22	20.70	22.92	26,580	29,570	35,810	43,050	47,680
29-2071	Medical Records and Health Information Technicians	detailed	90	8.3	1.410	1.02	13.17	27,400	4.6	8.63	9.21	12.60	16.15	19.98	17,960	19,150	26,210	33,590	41,550
29-9011	Occupational Health and Safety Specialists	detailed	100	5.1	1.631	3.20	23.77	49,450	2.8	14.59	18.98	22.74	28.57	34.88	30,350	39,480	47,290	59,420	72,540
31-0000	Healthcare Support Occupations	major	590	6.6	9.688	0.33	11.90	24,740	2.8	8.56	9.03	10.55	13.70	17.80	17,810	18,780	21,940	28,500	37,030
31-1014	Nursing Assistants	detailed	100	5.6	1.676	0.16	11.86	24,660	2.3	8.65	9.25	11.16	14.12	16.79	18,000	19,250	23,210	29,360	34,930
31-9011	Massage Therapists	detailed	90	14.4	1.532	2.29	9.26	19,260	3.7	8.42	8.66	9.07	9.47	10.82	17,500	18,020	18,870	19,690	22,510
31-9091	Dental Assistants	detailed	140	21.0	2.243	0.96	14.51	30,180	4.5	8.87	10.24	13.38	18.14	22.56	18,460	21,310	27,830	37,720	46,930
31-9092	Medical Assistants	detailed	150	9.7	2.519	0.58	11.29	23,480	2.8	8.63	9.20	10.97	13.22	14.56	17,950	19,130	22,820	27,490	30,280
33-0000	Protective Service Occupations	major	2,740	9.7	45.225	1.86	17.34	36,080	6.9	8.59	9.09	15.35	23.33	29.89	17,860	18,910	31,930	48,520	62,180
33-9032	Security Guards	detailed	1,140	23.2	18.819	2.36	9.41	19,570	3.2	8.40	8.61	8.98	9.35	10.25	17,460	17,920	18,680	19,440	21,330
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	detailed	60	6.8	1.014	0.99	10.02	20,850	2.4	8.45	8.75	9.26	10.73	13.20	17,580	18,210	19,250	22,320	27,450
33-9093	Transportation Security Screeners	detailed	170	0.0	2.790	9.20	18.24	37,950	*	17.22	17.23	17.40	19.11	20.09	35,820	35,830	36,190	39,740	41,780
35-0000	Food Preparation and Serving Related Occupations	major	6,300	5.3	104.046	1.14	9.41	19,570	1.0	8.40	8.62	8.98	9.38	11.01	17,460	17,920	18,680	19,500	22,900
35-1011	Chefs and Head Cooks	detailed	160	10.1	2.651	2.83	13.89	28,890	4.7	8.57	9.04	10.90	16.92	24.30	17,820	18,800	22,660	35,200	50,540
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	detailed	340	13.8	5.694	0.89	10.77	22,400	2.2	8.57	9.05	10.17	11.73	14.17	17,820	18,820	21,160	24,400	29,470

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35-2011	Cooks, Fast Food	detailed	110	42.3	1.743	0.46	9.58	19,920	3.7	8.44	8.71	9.18	9.86	11.49	17,550	18,130	19,090	20,500	23,900
35-2012	Cooks, Institution and Cafeteria	detailed	90	11.2	1.423	0.48	10.98	22,830	1.9	8.62	9.19	10.62	11.90	14.31	17,940	19,110	22,080	24,760	29,760
35-2014	Cooks, Restaurant	detailed	930	10.9	15.329	1.84	9.78	20,340	1.7	8.43	8.70	9.15	10.31	11.74	17,530	18,090	19,020	21,450	24,410
35-2015	Cooks, Short Order	detailed	**	**	**	**	8.76	18,230	4.0	8.36	8.53	8.81	9.09	9.27	17,390	17,740	18,330	18,910	19,290
35-2021	Food Preparation Workers	detailed	1,030	11.2	17.072	2.73	9.02	18,760	1.8	8.38	8.57	8.89	9.21	9.49	17,430	17,830	18,500	19,170	19,730
35-3011	Bartenders	detailed	320	38.2	5.202	1.22	9.04	18,810	3.3	8.39	8.60	8.95	9.30	9.57	17,450	17,890	18,610	19,340	19,900
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	detailed	500	31.9	8.232	0.35	9.26	19,260	4.1	8.40	8.64	9.02	9.45	10.82	17,480	17,960	18,770	19,660	22,510
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	detailed	200	42.5	3.310	0.94	8.82	18,350	3.7	8.37	8.55	8.85	9.15	9.36	17,410	17,790	18,410	19,040	19,470
35-3031	Waiters and Waitresses	detailed	1,730	7.1	28.498	1.57	9.10	18,930	1.6	8.38	8.58	8.91	9.24	9.56	17,440	17,850	18,540	19,220	19,890
35-3041	Food Servers, Nonrestaurant	detailed	60	26.4	0.999	0.54	9.18	19,090	3.5	8.38	8.59	8.92	9.26	10.87	17,440	17,860	18,550	19,270	22,620
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	detailed	90	40.5	1.477	0.49	8.86	18,420	3.0	8.38	8.56	8.88	9.19	9.39	17,420	17,810	18,460	19,110	19,530
35-9021	Dishwashers	detailed	480	7.5	7.854	2.14	8.91	18,530	1.4	8.38	8.56	8.87	9.18	9.42	17,420	17,810	18,460	19,100	19,590
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	detailed	230	25.7	3.813	1.34	8.88	18,480	2.9	8.37	8.55	8.84	9.14	9.37	17,410	17,770	18,390	19,000	19,490
37-0000	Building and Grounds Cleaning and Maintenance Occupations	major	3,150	4.7	51.978	1.63	9.62	20,000	1.3	8.40	8.61	8.98	9.37	11.73	17,460	17,910	18,670	19,500	24,400
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	detailed	180	5.0	2.897	2.39	12.40	25,800	2.1	8.55	8.99	10.58	13.89	18.48	17,770	18,700	22,010	28,900	38,450
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	detailed	50	23.6	0.835	1.11	14.98	31,150	8.3	9.50	10.44	12.02	16.86	21.38	19,770	21,700	24,990	35,070	44,470
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	detailed	1,180	7.8	19.509	1.25	9.46	19,680	2.1	8.39	8.60	8.96	9.34	11.17	17,450	17,900	18,630	19,420	23,240
37-2012	Maids and Housekeeping Cleaners	detailed	1,150	6.8	19.022	2.83	9.02	18,760	1.6	8.38	8.57	8.88	9.20	9.48	17,420	17,820	18,470	19,130	19,720
37-3011	Landscaping and Groundskeeping Workers	detailed	510	11.9	8.366	1.29	9.77	20,320	1.9	8.41	8.64	9.04	9.50	13.29	17,490	17,980	18,800	19,760	27,630
39-0000	Personal Care and Service Occupations	major	1,510	6.3	24.978	0.80	11.25	23,400	2.3	8.43	8.70	9.16	11.30	18.67	17,540	18,100	19,050	23,500	38,830
39-3031	Ushers, Lobby Attendants, and Ticket Takers	detailed	90	46.2	1.438	1.74	8.68	18,060	5.6	8.35	8.51	8.77	9.02	9.18	17,380	17,700	18,230	18,770	19,090
39-3091	Amusement and Recreation Attendants	detailed	230	20.3	3.727	1.88	9.05	18,830	2.3	8.39	8.59	8.93	9.28	9.52	17,440	17,870	18,580	19,290	19,800
39-5012	Hairdressers, Hairstylists, and Cosmetologists	detailed	80	46.4	1.339	0.53	11.01	22,900	6.7	8.45	8.75	9.25	12.39	14.30	17,580	18,200	19,250	25,760	29,740
39-6011	Baggage Porters and Bellhops	detailed	230	4.4	3.744	11.09	*	*	*	*	*	*	*	*	*	*	*	*	*
39-6012	Concierges	detailed	140	3.1	2.291	10.05	10.00	20,810	2.8	8.44	8.73	9.21	10.64	13.40	17,560	18,160	19,160	22,130	27,870
39-7011	Tour Guides and Escorts	detailed	190	18.0	3.199	12.28	10.47	21,770	3.2	8.45	8.76	9.27	11.59	14.74	17,580	18,220	19,280	24,100	30,670
39-9011	Childcare Workers	detailed	180	10.0	2.960	0.71	9.12	18,960	2.5	8.40	8.61	8.98	9.37	10.49	17,460	17,920	18,670	19,500	21,820
39-9031	Fitness Trainers and Aerobics Instructors	detailed	50	21.1	0.786	0.46	25.59	53,230	12.9	15.53	17.91	26.55	29.24	30.86	32,300	37,260	55,220	60,820	64,180
39-9032	Recreation Workers	detailed	170	9.6	2.737	1.12	10.35	21,520	2.7	8.42	8.67	9.09	10.64	13.94	17,510	18,030	18,900	22,130	29,000
41-0000	Sales and Related Occupations	major	4,490	3.5	74.038	0.71	10.77	22,410	1.0	8.45	8.76	9.28	11.31	14.62	17,590	18,220	19,300	23,530	30,400
41-1011	First-Line Supervisors of Retail Sales Workers	detailed	400	12.9	6.524	0.75	13.24	27,530	2.1	8.94	10.46	12.86	15.09	18.45	18,590	21,750	26,740	31,390	38,380

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41-1012	First-Line Supervisors of Non-Retail Sales Workers	detailed	70	10.0	1.225	0.68	16.86	35,070	6.6	10.29	11.10	15.18	21.63	28.05	21,410	23,090	31,570	45,000	58,350
41-2011	Cashiers	detailed	1,830	9.2	30.193	1.20	9.35	19,440	1.1	8.40	8.63	9.02	9.46	11.04	17,480	17,960	18,750	19,680	22,950
41-2021	Counter and Rental Clerks	detailed	140	34.7	2.321	0.72	10.30	21,420	3.1	8.44	8.72	9.20	10.59	11.99	17,550	18,140	19,130	22,030	24,940
41-2022	Parts Salespersons	detailed	50	11.4	0.825	0.48	10.64	22,130	4.0	8.48	8.82	9.47	11.24	14.40	17,630	18,340	19,700	23,390	29,950
41-2031	Retail Salespersons	detailed	1,510	10.6	24.912	0.74	10.45	21,740	1.7	8.46	8.77	9.32	11.19	13.68	17,600	18,250	19,390	23,280	28,450
41-3011	Advertising Sales Agents	detailed	40	17.6	0.578	0.53	15.68	32,620	5.8	9.29	12.26	14.26	19.99	23.28	19,320	25,510	29,660	41,580	48,420
41-3041	Travel Agents	detailed	90	21.7	1.413	2.93	12.96	26,950	8.2	8.84	10.04	12.55	14.26	15.94	18,390	20,890	26,100	29,650	33,160
41-3099	Sales Representatives, Services, All Other	detailed	80	12.2	1.378	0.21	15.98	33,240	3.5	9.25	11.15	15.11	19.22	23.68	19,250	23,200	31,420	39,980	49,250
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	detailed	120	18.7	1.959	0.19	13.51	28,090	10.2	8.57	9.04	10.53	15.32	23.86	17,820	18,800	21,890	31,870	49,630
43-0000	Office and Administrative Support Occupations	major	10,640	2.0	175.577	1.11	13.69	28,470	2.2	8.63	9.20	11.80	16.98	21.86	17,950	19,140	24,540	35,320	45,460
43-1011	First-Line Supervisors of Office and Administrative Support Workers	detailed	790	5.0	12.964	1.25	19.84	41,260	2.8	11.04	14.34	19.02	23.71	29.55	22,950	29,830	39,560	49,310	61,470
43-2011	Switchboard Operators, Including Answering Service	detailed	80	8.1	1.352	1.86	11.00	22,890	3.6	8.53	8.94	9.79	11.57	17.38	17,740	18,600	20,370	24,070	36,160
43-3011	Bill and Account Collectors	detailed	170	7.8	2.813	1.22	12.20	25,390	2.1	8.69	9.37	11.34	14.16	17.44	18,080	19,500	23,580	29,450	36,280
43-3021	Billing and Posting Clerks	detailed	150	11.3	2.450	0.69	12.59	26,180	2.7	8.70	9.40	11.62	15.29	18.24	18,100	19,550	24,180	31,790	37,940
43-3031	Bookkeeping, Accounting, and Auditing Clerks	detailed	740	4.3	12.272	1.07	13.39	27,850	1.6	8.85	9.89	12.52	15.89	20.00	18,410	20,570	26,030	33,050	41,600
43-3051	Payroll and Timekeeping Clerks	detailed	120	15.9	2.037	1.69	13.70	28,490	3.1	8.95	10.10	13.20	16.90	18.83	18,620	21,000	27,450	35,150	39,170
43-3061	Procurement Clerks	detailed	80	5.9	1.288	2.48	16.93	35,220	10.8	9.63	13.72	18.94	19.96	22.25	20,030	28,540	39,400	41,520	46,280
43-3071	Tellers	detailed	260	10.3	4.351	1.20	11.42	23,750	2.6	9.27	9.93	11.00	12.57	14.45	19,290	20,650	22,890	26,140	30,050
43-4051	Customer Service Representatives	detailed	1,010	7.8	16.744	0.89	11.67	24,280	3.5	8.50	8.87	10.13	13.92	17.16	17,670	18,440	21,070	28,950	35,690
43-4071	File Clerks	detailed	40	25.2	0.659	0.65	9.80	20,390	5.2	8.43	8.70	9.15	9.94	11.80	17,530	18,100	19,030	20,670	24,530
43-4081	Hotel, Motel, and Resort Desk Clerks	detailed	240	15.3	3.940	2.23	9.42	19,590	1.7	8.40	8.63	9.02	9.44	11.04	17,480	17,960	18,760	19,630	22,970
43-4111	Interviewers, Except Eligibility and Loan	detailed	50	23.3	0.801	0.60	12.39	25,760	5.8	8.70	9.35	11.94	14.27	17.77	18,090	19,450	24,830	29,680	36,960
43-4131	Loan Interviewers and Clerks	detailed	50	18.4	0.787	0.50	12.47	25,930	3.4	8.88	9.84	11.66	14.37	17.83	18,460	20,460	24,250	29,900	37,080
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	detailed	70	5.6	1.170	1.16	14.66	30,490	1.6	8.92	10.26	14.01	17.32	20.93	18,560	21,350	29,130	36,030	43,530
43-4171	Receptionists and Information Clerks	detailed	320	12.3	5.271	0.74	10.22	21,270	2.2	8.46	8.78	9.31	11.09	13.82	17,600	18,260	19,370	23,070	28,750
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	detailed	390	3.7	6.418	6.38	*	*	*	*	*	*	*	*	*	*	*	*	*
43-5011	Cargo and Freight Agents	detailed	90	2.7	1.499	2.55	16.85	35,050	4.0	9.13	10.43	17.08	22.23	25.47	18,990	21,700	35,520	46,230	52,970
43-5021	Couriers and Messengers	detailed	130	19.3	2.151	4.05	11.70	24,340	5.8	8.53	8.95	10.18	13.14	16.96	17,740	18,620	21,170	27,320	35,290
43-5032	Dispatchers, Except Police, Fire, and Ambulance	detailed	120	3.3	2.027	1.42	14.52	30,200	2.4	8.76	9.51	14.43	18.38	21.03	18,230	19,790	30,020	38,230	43,750
43-5051	Postal Service Clerks	detailed	30	0.0	0.528	0.93	23.13	48,120	*	15.63	15.64	27.30	27.31	27.31	32,520	32,530	56,790	56,800	56,810
43-5061	Production, Planning, and Expediting Clerks	detailed	650	4.0	10.694	4.77	19.38	40,310	2.6	9.59	14.03	20.05	23.61	28.45	19,940	29,180	41,700	49,110	59,170
43-5071	Shipping, Receiving, and Traffic Clerks	detailed	270	5.6	4.427	0.90	12.49	25,980	7.8	8.44	8.73	9.21	16.37	20.07	17,560	18,160	19,170	34,060	41,740
43-5081	Stock Clerks and Order Fillers	detailed	1,310	5.6	21.645	1.54	10.64	22,120	2.0	8.44	8.72	9.19	11.26	16.57	17,550	18,140	19,120	23,420	34,470

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43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	detailed	30	0.7	0.576	1.15	15.01	31,210	2.9	9.11	12.28	15.61	17.82	19.69	18,940	25,540	32,470	37,060	40,960
43-6011	Executive Secretaries and Executive Administrative Assistants	detailed	960	12.2	15.877	3.29	15.08	31,370	2.5	10.14	11.23	13.96	17.78	22.24	21,090	23,360	29,030	36,980	46,260
43-6012	Legal Secretaries	detailed	90	16.7	1.431	0.97	17.88	37,190	3.2	12.58	14.67	16.95	19.72	26.73	26,170	30,520	35,250	41,010	55,590
43-6013	Medical Secretaries	detailed	40	0.0	0.680	0.18	11.30	23,510	2.0	8.54	8.99	9.85	11.96	14.46	17,770	18,690	20,480	24,870	30,090
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	detailed	450	10.1	7.448	0.45	14.47	30,110	2.5	9.06	10.45	13.81	17.81	21.44	18,840	21,740	28,720	37,040	44,590
43-9011	Computer Operators	detailed	40	4.1	0.736	1.97	16.07	33,430	2.7	10.78	12.82	15.15	19.21	22.82	22,420	26,660	31,520	39,960	47,470
43-9021	Data Entry Keyers	detailed	110	5.1	1.786	1.24	10.93	22,730	1.9	8.52	8.93	10.08	12.46	14.61	17,730	18,580	20,970	25,910	30,380
43-9022	Word Processors and Typists	detailed	110	2.9	1.831	3.68	14.93	31,050	1.7	10.13	12.37	15.35	17.56	19.00	21,070	25,720	31,930	36,520	39,520
43-9041	Insurance Claims and Policy Processing Clerks	detailed	**	**	**	**	12.08	25,130	4.2	8.95	10.01	11.24	13.22	16.95	18,630	20,810	23,380	27,500	35,260
43-9061	Office Clerks, General	detailed	1,040	7.7	17.200	0.81	10.42	21,680	1.3	8.45	8.76	9.27	11.21	14.69	17,580	18,210	19,270	23,310	30,560
43-9199	Office and Administrative Support Workers, All Other	detailed	60	11.9	1.014	0.58	17.56	36,520	6.2	12.23	14.58	18.35	19.97	22.19	25,430	30,330	38,160	41,530	46,160
45-0000	Farming, Fishing, and Forestry Occupations	major	40	2.7	0.715	0.22	15.68	32,620	2.2	8.91	10.30	13.88	19.94	26.29	18,540	21,420	28,880	41,470	54,680
47-0000	Construction and Extraction Occupations	major	5,650	2.6	93.286	2.35	14.57	30,300	1.6	9.22	12.07	13.72	16.02	19.12	19,180	25,100	28,530	33,320	39,760
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	detailed	340	13.0	5.537	1.48	22.83	47,480	2.3	13.49	15.79	19.99	27.71	36.40	28,050	32,840	41,580	57,630	75,720
47-2021	Brickmasons and Blockmasons	detailed	70	22.3	1.093	2.46	13.52	28,110	4.0	12.36	12.82	13.60	14.37	14.83	25,710	26,670	28,280	29,890	30,860
47-2031	Carpenters	detailed	1,340	14.8	22.055	4.76	14.29	29,720	1.4	12.33	12.90	13.86	14.81	17.31	25,650	26,840	28,820	30,810	36,000
47-2051	Cement Masons and Concrete Finishers	detailed	580	13.5	9.646	8.14	14.57	30,310	2.2	12.31	13.02	14.22	16.06	17.92	25,600	27,090	29,570	33,410	37,280
47-2061	Construction Laborers	detailed	930	8.7	15.415	2.39	10.74	22,330	2.7	8.54	8.98	10.08	11.99	14.09	17,770	18,680	20,960	24,940	29,320
47-2073	Operating Engineers and Other Construction Equipment Operators	detailed	70	9.6	1.194	0.46	17.17	35,720	3.6	12.70	14.48	16.52	18.31	26.03	26,420	30,130	34,350	38,090	54,150
47-2111	Electricians	detailed	610	6.0	10.053	2.34	19.00	39,510	4.6	13.78	15.76	17.70	20.62	24.39	28,650	32,790	36,810	42,890	50,720
47-2141	Painters, Construction and Maintenance	detailed	180	13.0	3.031	1.96	14.31	29,770	1.5	12.09	12.79	13.95	15.38	17.84	25,150	26,600	29,020	32,000	37,110
47-2152	Plumbers, Pipefitters, and Steamfitters	detailed	210	7.3	3.427	1.21	17.14	35,650	1.8	12.68	13.93	16.05	18.26	22.32	26,360	28,970	33,390	37,980	46,420
47-2171	Reinforcing Iron and Rebar Workers	detailed	120	7.7	1.946	13.38	13.88	28,870	2.3	12.08	12.65	13.60	14.55	15.74	25,130	26,320	28,290	30,260	32,740
47-2181	Roofers	detailed	40	19.1	0.629	0.79	13.74	28,580	3.1	11.47	12.32	13.27	14.22	14.84	23,860	25,630	27,600	29,570	30,860
47-2211	Sheet Metal Workers	detailed	170	9.8	2.859	2.91	15.57	32,380	1.7	12.23	13.19	14.82	17.42	19.18	25,440	27,440	30,820	36,220	39,900
47-2221	Structural Iron and Steel Workers	detailed	40	0.0	0.578	1.24	13.59	28,270	3.5	12.17	12.72	13.63	14.54	15.09	25,320	26,460	28,350	30,240	31,380
47-3012	Helpers--Carpenters	detailed	40	15.5	0.655	2.39	10.71	22,280	2.8	8.92	9.92	10.73	11.54	12.20	18,550	20,620	22,310	24,000	25,380
47-3013	Helpers--Electricians	detailed	310	6.9	5.134	9.89	11.15	23,190	3.3	8.60	9.14	10.90	13.10	14.38	17,900	19,000	22,660	27,240	29,900
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	detailed	80	6.7	1.276	3.17	10.35	21,530	1.7	8.57	9.05	10.24	11.41	12.57	17,830	18,830	21,300	23,740	26,140
47-4011	Construction and Building Inspectors	detailed	40	18.9	0.664	1.00	24.16	50,250	8.5	15.60	18.33	23.85	28.11	34.61	32,440	38,130	49,600	58,460	71,990
47-4041	Hazardous Materials Removal Workers	detailed	60	42.8	1.063	3.44	14.20	29,540	14.3	8.56	9.03	12.45	14.37	22.61	17,810	18,780	25,890	29,890	47,040
49-0000	Installation, Maintenance, and Repair Occupations	major	3,230	2.6	53.316	1.37	15.64	32,540	2.5	8.83	9.90	13.79	19.19	25.22	18,370	20,580	28,680	39,920	52,450

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49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	detailed	260	3.6	4.224	1.31	24.04	50,010	4.2	12.32	16.24	22.11	31.44	39.98	25,630	33,790	45,990	65,390	83,150
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	detailed	**	**	**	**	10.07	20,950	3.8	8.46	8.78	9.33	10.94	12.79	17,600	18,260	19,400	22,760	26,600
49-2098	Security and Fire Alarm Systems Installers	detailed	40	0.0	0.632	1.35	13.99	29,100	1.8	9.32	10.62	13.37	16.69	19.57	19,390	22,080	27,810	34,710	40,700
49-3011	Aircraft Mechanics and Service Technicians	detailed	110	9.7	1.766	1.96	*	*	*	*	*	*	*	*	*	*	*	*	*
49-3021	Automotive Body and Related Repairers	detailed	70	39.8	1.169	1.13	12.07	25,110	6.3	8.79	9.56	12.55	13.99	14.86	18,280	19,890	26,100	29,110	30,910
49-3023	Automotive Service Technicians and Mechanics	detailed	260	14.4	4.304	0.93	14.33	29,810	3.4	8.97	10.41	13.71	17.64	21.25	18,660	21,640	28,520	36,680	44,210
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	detailed	90	6.6	1.449	0.79	14.91	31,010	1.9	10.15	12.87	15.50	17.42	18.57	21,110	26,780	32,240	36,230	38,620
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	detailed	160	5.7	2.699	3.05	18.50	38,470	2.5	12.49	15.08	19.49	22.13	23.65	25,980	31,360	40,530	46,030	49,200
49-3093	Tire Repairers and Changers	detailed	70	12.5	1.205	1.55	10.39	21,600	6.4	8.47	8.79	9.33	12.29	14.03	17,610	18,290	19,420	25,560	29,170
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	detailed	180	13.1	2.999	1.51	16.59	34,500	3.1	9.81	13.24	15.88	18.62	26.60	20,400	27,540	33,030	38,740	55,330
49-9041	Industrial Machinery Mechanics	detailed	130	11.2	2.075	0.89	21.73	45,200	4.7	16.05	19.54	21.96	24.91	26.86	33,390	40,650	45,670	51,820	55,860
49-9043	Maintenance Workers, Machinery	detailed	30	26.7	0.530	0.79	13.82	28,740	2.1	8.62	9.17	11.39	17.72	22.54	17,920	19,070	23,690	36,850	46,890
49-9071	Maintenance and Repair Workers, General	detailed	990	4.8	16.401	1.72	13.64	28,370	2.5	8.75	9.51	11.94	15.96	19.59	18,200	19,790	24,830	33,200	40,740
49-9092	Commercial Divers	detailed	40	49.8	0.616	24.61	10.97	22,810	18.3	8.44	8.73	9.20	9.74	16.56	17,560	18,150	19,140	20,250	34,450
49-9098	Helpers--Installation, Maintenance, and Repair Workers	detailed	410	5.0	6.706	7.44	10.12	21,050	1.8	8.49	8.84	9.45	10.96	11.94	17,650	18,390	19,660	22,810	24,830
51-0000	Production Occupations	major	1,550	5.0	25.574	0.39	13.84	28,780	4.5	8.55	9.01	12.10	17.27	22.80	17,790	18,730	25,170	35,930	47,420
51-1011	First-Line Supervisors of Production and Operating Workers	detailed	90	13.3	1.492	0.34	23.11	48,060	4.9	12.78	15.44	24.15	29.43	35.25	26,590	32,120	50,220	61,210	73,320
51-2041	Structural Metal Fabricators and Fitters	detailed	**	**	**	**	14.23	29,590	5.4	12.33	12.96	14.02	15.07	17.50	25,650	26,970	29,150	31,340	36,390
51-2099	Assemblers and Fabricators, All Other	detailed	30	42.2	0.540	0.33	10.69	22,230	7.5	8.48	8.83	9.48	12.89	14.27	17,640	18,370	19,720	26,820	29,690
51-3011	Bakers	detailed	160	10.6	2.603	2.03	9.25	19,230	2.0	8.39	8.59	8.93	9.28	10.29	17,440	17,870	18,580	19,300	21,400
51-3021	Butchers and Meat Cutters	detailed	170	19.2	2.834	2.85	11.67	24,260	7.8	8.61	9.14	10.26	12.04	17.93	17,900	19,000	21,350	25,040	37,290
51-4121	Welders, Cutters, Solderers, and Brazers	detailed	160	3.4	2.646	0.94	17.07	35,510	2.3	12.55	15.06	16.98	18.83	22.43	26,100	31,320	35,310	39,160	46,650
51-6011	Laundry and Dry-Cleaning Workers	detailed	220	7.1	3.607	2.47	8.85	18,420	2.1	8.37	8.55	8.85	9.15	9.39	17,410	17,790	18,410	19,040	19,520
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	detailed	40	26.6	0.687	0.19	14.59	30,350	3.1	10.15	12.51	14.07	16.72	19.00	21,110	26,020	29,270	34,770	39,510
51-9111	Packaging and Filling Machine Operators and Tenders	detailed	50	14.4	0.850	0.31	10.12	21,050	3.9	8.47	8.79	9.33	11.13	13.20	17,610	18,280	19,400	23,150	27,460
51-9198	Helpers--Production Workers	detailed	50	22.8	0.778	0.24	9.69	20,140	3.4	8.42	8.67	9.10	9.79	12.46	17,510	18,040	18,930	20,360	25,920
53-0000	Transportation and Material Moving Occupations	major	3,340	4.0	55.057	0.80	15.94	33,150	7.6	8.57	9.04	11.58	16.46	31.01	17,820	18,810	24,090	34,230	64,490
53-1021	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	detailed	40	3.7	0.596	0.47	21.58	44,890	2.4	12.70	14.09	20.48	28.82	33.14	26,420	29,310	42,600	59,940	68,920

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53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	detailed	90	7.3	1.430	0.97	19.30	40,140	5.4	11.62	13.05	14.98	24.86	33.76	24,170	27,140	31,160	51,700	70,220
53-2021	Air Traffic Controllers	detailed	**	**	**	**	39.48	82,120	11.4	30.95	33.04	36.48	43.35	55.79	64,380	68,720	75,880	90,160	116,050
53-2022	Airfield Operations Specialists	detailed	40	46.3	0.693	12.06	27.48	57,160	7.7	16.70	23.87	28.55	33.32	36.41	34,730	49,650	59,370	69,310	75,730
53-3021	Bus Drivers, Transit and Intercity	detailed	200	16.2	3.221	2.63	9.96	20,720	2.6	8.46	8.77	9.30	10.81	13.03	17,590	18,240	19,340	22,470	27,110
53-3031	Driver/Sales Workers	detailed	140	22.3	2.267	0.75	9.77	20,310	2.4	8.43	8.69	9.13	10.56	12.61	17,520	18,070	18,980	21,960	26,240
53-3032	Heavy and Tractor-Trailer Truck Drivers	detailed	580	7.5	9.644	0.79	14.45	30,060	2.2	10.38	12.31	14.05	16.51	18.63	21,590	25,600	29,220	34,340	38,750
53-3033	Light Truck or Delivery Services Drivers	detailed	330	8.9	5.451	0.91	9.96	20,720	2.0	8.43	8.70	9.15	10.34	13.37	17,530	18,100	19,030	21,510	27,810
53-3041	Taxi Drivers and Chauffeurs	detailed	190	20.5	3.194	2.43	9.15	19,030	2.2	8.40	8.62	9.00	9.39	9.95	17,470	17,940	18,710	19,540	20,700
53-5011	Sailors and Marine Oilers	detailed	40	29.4	0.723	3.26	12.01	24,980	9.4	8.56	9.02	11.36	14.37	17.24	17,800	18,770	23,640	29,890	35,860
53-6021	Parking Lot Attendants	detailed	50	19.4	0.771	0.74	9.11	18,940	3.3	8.41	8.64	9.04	9.43	9.69	17,490	17,980	18,800	19,610	20,150
53-6031	Automotive and Watercraft Service Attendants	detailed	90	12.7	1.491	1.87	8.86	18,440	2.8	8.38	8.57	8.88	9.19	9.43	17,420	17,820	18,470	19,120	19,620
53-7021	Crane and Tower Operators	detailed	50	0.9	0.840	2.49	19.64	40,840	2.3	13.25	14.92	20.26	23.14	26.69	27,560	31,030	42,150	48,140	55,510
53-7032	Excavating and Loading Machine and Dragline Operators	detailed	**	**	**	**	11.30	23,500	6.4	9.90	10.37	11.16	11.98	13.62	20,580	21,570	23,220	24,910	28,320
53-7051	Industrial Truck and Tractor Operators	detailed	110	7.5	1.806	0.46	16.36	34,030	3.2	12.04	13.25	15.73	19.19	22.24	25,050	27,560	32,710	39,910	46,260
53-7061	Cleaners of Vehicles and Equipment	detailed	180	20.1	2.894	1.18	9.21	19,150	2.5	8.40	8.63	9.00	9.44	10.65	17,470	17,940	18,730	19,630	22,150
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	detailed	240	13.9	3.921	0.22	13.02	27,080	4.3	8.53	8.95	11.37	16.67	19.51	17,750	18,620	23,660	34,680	40,580
53-7064	Packers and Packagers, Hand	detailed	250	21.3	4.054	0.78	9.17	19,060	2.8	8.39	8.60	8.95	9.31	9.73	17,450	17,890	18,620	19,370	20,230
53-7081	Refuse and Recyclable Material Collectors	detailed	80	0.0	1.387	1.67	*	*	*	*	*	*	*	*	*	*	*	*	*