

## Occupational Employment Statistics

# May 2012 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](#)
- 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	60,970	1.0%	1000.000	1.00	\$12.18	\$15.55	\$32,350	2.4%
11-0000	<a href="#">Management Occupations</a>	major	5,300	2.7%	86.947	1.77	\$24.18	\$29.01	\$60,340	2.5%
11-1011	<a href="#">Chief Executives</a>	detail	880	13.8%	14.510	7.39	\$33.29	\$40.72	\$84,710	9.2%
11-1021	<a href="#">General and Operations Managers</a>	detail	2,000	4.5%	32.800	2.25	\$23.20	\$26.77	\$55,680	3.1%
11-2011	<a href="#">Advertising and Promotions Managers</a>	detail	40	10.1%	0.586	2.68	\$22.30	\$24.43	\$50,810	3.4%
11-2021	<a href="#">Marketing Managers</a>	detail	120	10.4%	2.004	1.52	\$20.97	\$23.21	\$48,280	2.7%
11-2022	<a href="#">Sales Managers</a>	detail	290	7.1%	4.674	1.77	\$21.84	\$23.91	\$49,730	2.8%
11-3011	<a href="#">Administrative Services Managers</a>	detail	380	4.1%	6.214	3.07	\$20.89	\$21.81	\$45,370	1.6%
11-3021	<a href="#">Computer and Information Systems Managers</a>	detail	40	13.1%	0.597	0.25	\$26.73	\$30.43	\$63,290	2.7%
11-3031	<a href="#">Financial Managers</a>	detail	270	4.9%	4.351	1.17	\$28.85	\$31.53	\$65,580	2.3%
11-3061	<a href="#">Purchasing Managers</a>	detail	50	19.1%	0.892	1.67	\$18.50	\$21.69	\$45,110	3.0%
11-3071	<a href="#">Transportation, Storage, and Distribution Managers</a>	detail	70	5.5%	1.119	1.48	\$28.21	\$32.24	\$67,050	6.2%
11-3121	<a href="#">Human Resources Managers</a>	detail	60	15.7%	0.915	1.22	\$23.12	\$23.63	\$49,150	5.3%
11-9021	<a href="#">Construction Managers</a>	detail	150	11.2%	2.470	1.55	\$22.52	\$26.23	\$54,570	5.8%
11-9033	<a href="#">Education Administrators, Postsecondary</a>	detail	30	0.0%	0.530	0.56	\$34.62	\$36.40	\$75,720	2.0%
11-9039	<a href="#">Education Administrators, All Other</a>	detail	220	0.9%	3.572	15.85	\$39.28	\$40.50	\$84,230	2.7%
11-9041	<a href="#">Architectural and Engineering Managers</a>	detail	40	27.9%	0.700	0.49	\$36.96	\$38.22	\$79,490	7.5%
11-9051	<a href="#">Food Service Managers</a>	detail	300	17.6%	4.933	3.39	\$14.85	\$15.86	\$32,980	5.9%
11-9141	<a href="#">Property, Real Estate, and Community Association Managers</a>	detail	70	14.5%	1.178	0.96	\$20.77	\$21.43	\$44,570	3.4%
11-9199	<a href="#">Managers, All Other</a>	detail	60	3.5%	0.969	0.37	\$39.68	\$37.46	\$77,910	4.8%

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13-0000	<a href="#">Business and Financial Operations Occupations</a>	major	2,400	3.9%	39.286	0.80	\$21.27	\$23.43	\$48,740	5.1%
13-1022	<a href="#">Wholesale and Retail Buyers, Except Farm Products</a>	detail	70	38.8%	1.110	1.33	\$13.14	\$15.84	\$32,950	13.5%
13-1023	<a href="#">Purchasing Agents, Except Wholesale, Retail, and Farm Products</a>	detail	160	2.0%	2.688	1.25	\$23.00	\$25.47	\$52,980	7.0%
13-1031	<a href="#">Claims Adjusters, Examiners, and Investigators</a>	detail	50	14.7%	0.869	0.43	\$19.23	\$22.23	\$46,240	2.1%
13-1041	<a href="#">Compliance Officers</a>	detail	190	0.9%	3.037	1.74	\$32.58	\$28.56	\$59,410	2.4%
13-1051	<a href="#">Cost Estimators</a>	detail	(8)	(8)	(8)	(8)	\$34.09	\$35.59	\$74,020	15.4%
13-1071	<a href="#">Human Resources Specialists</a>	detail	140	6.8%	2.339	0.77	\$20.48	\$21.20	\$44,100	2.6%
13-1111	<a href="#">Management Analysts</a>	detail	130	1.1%	2.157	0.52	\$27.60	\$28.23	\$58,710	3.8%
13-1121	<a href="#">Meeting, Convention, and Event Planners</a>	detail	50	2.0%	0.877	1.62	\$13.16	\$13.63	\$28,360	1.9%
13-1151	<a href="#">Training and Development Specialists</a>	detail	40	4.9%	0.627	0.37	\$15.92	\$17.38	\$36,140	5.2%
13-1161	<a href="#">Market Research Analysts and Marketing Specialists</a>	detail	50	14.0%	0.835	0.28	\$13.69	\$16.13	\$33,560	4.8%
13-2011	<a href="#">Accountants and Auditors</a>	detail	590	4.1%	9.668	1.12	\$18.08	\$19.59	\$40,750	1.7%
13-2053	<a href="#">Insurance Underwriters</a>	detail	110	25.7%	1.842	2.61	\$13.44	\$14.04	\$29,210	6.1%
13-2072	<a href="#">Loan Officers</a>	detail	70	4.9%	1.186	0.54	\$18.78	\$21.11	\$43,900	1.6%
13-2082	<a href="#">Tax Preparers</a>	detail	70	3.4%	1.107	2.36	\$15.55	\$17.08	\$35,530	2.9%
15-0000	<a href="#">Computer and Mathematical Occupations</a>	major	630	3.7%	10.316	0.38	\$21.03	\$22.14	\$46,060	2.8%
15-1121	<a href="#">Computer Systems Analysts</a>	detail	60	2.6%	0.941	0.25	\$21.64	\$22.00	\$45,770	1.6%
15-1131	<a href="#">Computer Programmers</a>	detail	40	12.8%	0.589	0.24	\$22.29	\$22.16	\$46,090	2.0%
15-1142	<a href="#">Network and Computer Systems Administrators</a>	detail	70	7.0%	1.207	0.45	\$24.95	\$26.45	\$55,020	2.2%

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15-1151	<a href="#">Computer User Support Specialists</a>	detail	190	10.3%	3.159	0.78	\$15.45	\$16.02	\$33,330	3.5%
15-1152	<a href="#">Computer Network Support Specialists</a>	detail	110	4.4%	1.811	1.40	\$19.66	\$19.16	\$39,850	2.1%
17-0000	<a href="#">Architecture and Engineering Occupations</a>	major	910	4.0%	14.964	0.83	\$23.83	\$27.06	\$56,280	3.1%
17-1011	<a href="#">Architects, Except Landscape and Naval</a>	detail	50	19.1%	0.771	1.21	\$25.86	\$28.32	\$58,910	7.8%
17-2051	<a href="#">Civil Engineers</a>	detail	290	8.9%	4.812	2.43	\$25.20	\$28.95	\$60,210	4.4%
17-2071	<a href="#">Electrical Engineers</a>	detail	90	14.5%	1.468	1.19	\$32.36	\$34.23	\$71,200	7.0%
17-2141	<a href="#">Mechanical Engineers</a>	detail	30	17.2%	0.543	0.28	\$35.14	\$32.31	\$67,200	4.4%
17-3011	<a href="#">Architectural and Civil Drafters</a>	detail	50	17.0%	0.794	1.24	\$19.32	\$19.49	\$40,540	4.7%
17-3023	<a href="#">Electrical and Electronics Engineering Technicians</a>	detail	110	0.0%	1.865	1.68	\$22.81	\$23.24	\$48,340	1.5%
19-0000	<a href="#">Life, Physical, and Social Science Occupations</a>	major	360	0.8%	5.983	0.71	\$18.89	\$22.23	\$46,250	1.7%
19-2041	<a href="#">Environmental Scientists and Specialists, Including Health</a>	detail	40	1.6%	0.717	1.11	\$24.54	\$26.59	\$55,310	2.4%
19-4091	<a href="#">Environmental Science and Protection Technicians, Including Health</a>	detail	50	14.7%	0.768	3.24	\$11.73	\$14.37	\$29,890	3.1%
21-0000	<a href="#">Community and Social Service Occupations</a>	major	620	7.1%	10.086	0.70	\$16.50	\$17.70	\$36,820	1.8%
21-1022	<a href="#">Healthcare Social Workers</a>	detail	30	28.7%	0.504	0.47	\$19.71	\$20.53	\$42,700	3.2%
21-1093	<a href="#">Social and Human Service Assistants</a>	detail	170	3.4%	2.839	1.05	\$15.65	\$15.80	\$32,870	1.9%
21-1094	<a href="#">Community Health Workers</a>	detail	40	6.3%	0.661	2.26	\$8.68	\$8.62	\$17,920	5.0%
21-2011	<a href="#">Clergy</a>	detail	(8)	(8)	(8)	(8)	\$13.19	\$12.97	\$26,980	7.0%
23-0000	<a href="#">Legal Occupations</a>	major	320	12.0%	5.186	0.66	\$21.79	\$27.15	\$56,470	5.9%
23-1011	<a href="#">Lawyers</a>	detail	120	16.2%	1.970	0.44	\$40.04	\$40.33	\$83,880	1.6%
23-2011	<a href="#">Paralegals and Legal</a>	detail	30	15.8%	0.494	0.24	\$22.61	\$22.07	\$45,910	4.4%

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	<a href="#">Assistants</a>									
23-2093	<a href="#">Title Examiners, Abstractors, and Searchers</a>	detail	70	42.5%	1.132	2.99	\$13.19	\$13.77	\$28,640	3.1%
25-0000	<a href="#">Education, Training, and Library Occupations</a>	major	4,290	0.7%	70.325	1.09	(8)	(8)	(8)	(8)
25-1123	<a href="#">English Language and Literature Teachers, Postsecondary</a>	detail	50	2.4%	0.763	1.37	(4)	(4)	\$53,110	1.5%
25-1194	<a href="#">Vocational Education Teachers, Postsecondary</a>	detail	40	0.0%	0.686	0.73	\$21.17	\$20.49	\$42,620	2.1%
25-2011	<a href="#">Preschool Teachers, Except Special Education</a>	detail	70	11.9%	1.187	0.45	\$10.86	\$12.58	\$26,180	5.4%
25-2012	<a href="#">Kindergarten Teachers, Except Special Education</a>	detail	120	5.4%	1.950	1.61	(8)	(8)	(8)	(8)
25-2022	<a href="#">Middle School Teachers, Except Special and Career/Technical Education</a>	detail	110	13.7%	1.724	0.36	(4)	(4)	\$25,580	3.1%
25-4021	<a href="#">Librarians</a>	detail	40	9.0%	0.690	0.64	\$20.24	\$21.30	\$44,310	2.9%
25-4031	<a href="#">Library Technicians</a>	detail	60	2.7%	0.914	1.19	\$13.12	\$13.20	\$27,460	1.6%
27-0000	<a href="#">Arts, Design, Entertainment, Sports, and Media Occupations</a>	major	630	8.1%	10.319	0.77	\$11.98	\$14.15	\$29,430	4.5%
27-1023	<a href="#">Floral Designers</a>	detail	30	36.7%	0.566	1.56	\$9.21	\$9.69	\$20,150	5.4%
27-1024	<a href="#">Graphic Designers</a>	detail	50	15.0%	0.894	0.61	\$13.26	\$14.50	\$30,170	4.5%
27-3011	<a href="#">Radio and Television Announcers</a>	detail	80	16.7%	1.333	5.54	\$8.82	\$10.91	\$22,690	4.7%
27-3022	<a href="#">Reporters and Correspondents</a>	detail	30	12.3%	0.508	1.45	\$14.79	\$15.77	\$32,810	2.5%
27-4011	<a href="#">Audio and Video Equipment Technicians</a>	detail	50	0.0%	0.779	1.87	\$8.95	\$9.92	\$20,620	3.5%
27-4012	<a href="#">Broadcast Technicians</a>	detail	30	0.0%	0.567	2.34	\$8.95	\$10.79	\$22,450	3.1%
27-4021	<a href="#">Photographers</a>	detail	40	22.7%	0.731	1.70	\$9.55	\$11.71	\$24,370	10.4%
27-4031	<a href="#">Camera Operators, Television, Video,</a>	detail	30	18.2%	0.541	4.30	\$12.31	\$12.02	\$24,990	4.0%

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	<a href="#">and Motion Picture</a>									
29-0000	<a href="#">Healthcare Practitioners and Technical Occupations</a>	major	1,710	4.6%	28.112	0.48	\$19.78	\$28.07	\$58,390	6.1%
29-1031	<a href="#">Dietitians and Nutritionists</a>	detail	40	2.9%	0.697	1.56	\$14.14	\$16.78	\$34,910	2.8%
29-1051	<a href="#">Pharmacists</a>	detail	60	18.6%	0.940	0.43	\$42.85	\$39.98	\$83,160	10.1%
29-1062	<a href="#">Family and General Practitioners</a>	detail	60	5.0%	0.907	1.07	\$87.42	\$88.32	\$183,710	12.7%
29-1069	<a href="#">Physicians and Surgeons, All Other</a>	detail	40	5.3%	0.669	0.28	(8)	(8)	(8)	(8)
29-1141	<a href="#">Registered Nurses</a>	detail	460	2.3%	7.592	0.38	\$25.45	\$25.75	\$53,560	1.6%
29-2012	<a href="#">Medical and Clinical Laboratory Technicians</a>	detail	100	15.7%	1.660	1.37	\$12.04	\$12.92	\$26,870	2.6%
29-2021	<a href="#">Dental Hygienists</a>	detail	(8)	(8)	(8)	(8)	\$15.95	\$16.61	\$34,560	7.0%
29-2034	<a href="#">Radiologic Technologists</a>	detail	50	10.9%	0.868	0.58	\$17.14	\$19.43	\$40,410	2.1%
29-2041	<a href="#">Emergency Medical Technicians and Paramedics</a>	detail	40	4.4%	0.676	0.38	\$12.30	\$12.73	\$26,480	3.0%
29-2052	<a href="#">Pharmacy Technicians</a>	detail	120	38.1%	2.017	0.74	\$11.13	\$11.83	\$24,610	6.9%
29-2061	<a href="#">Licensed Practical and Licensed Vocational Nurses</a>	detail	100	5.6%	1.573	0.29	\$17.53	\$17.60	\$36,600	1.5%
29-2071	<a href="#">Medical Records and Health Information Technicians</a>	detail	110	7.7%	1.770	1.26	\$10.82	\$11.88	\$24,710	3.9%
29-9011	<a href="#">Occupational Health and Safety Specialists</a>	detail	50	0.0%	0.887	1.94	\$24.33	\$25.24	\$52,490	1.4%
31-0000	<a href="#">Healthcare Support Occupations</a>	major	720	14.0%	11.863	0.39	\$11.23	\$12.11	\$25,190	2.8%
31-9011	<a href="#">Massage Therapists</a>	detail	100	47.5%	1.637	3.00	\$9.21	\$9.84	\$20,460	5.7%
31-9091	<a href="#">Dental Assistants</a>	detail	150	29.5%	2.409	1.05	\$11.80	\$14.15	\$29,440	6.7%
31-9092	<a href="#">Medical Assistants</a>	detail	130	14.9%	2.165	0.51	\$10.48	\$10.80	\$22,460	3.2%
33-0000	<a href="#">Protective Service Occupations</a>	major	2,710	0.7%	44.428	1.80	\$14.01	\$15.40	\$32,040	6.0%
33-9032	<a href="#">Security Guards</a>	detail	1,120	1.8%	18.446	2.30	\$8.57	\$8.54	\$17,760	3.8%
33-9092	<a href="#">Lifeguards, Ski Patrol, and Other Recreational</a>	detail	90	0.0%	1.496	1.55	\$8.61	\$8.83	\$18,370	2.2%

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	<a href="#">Protective Service Workers</a>									
33-9093	<a href="#">Transportation Security Screeners</a>	detail	170	0.0%	2.723	7.52	\$16.38	\$16.56	\$34,450	(8)
35-0000	<a href="#">Food Preparation and Serving Related Occupations</a>	major	6,430	4.9%	105.427	1.19	\$8.55	\$8.69	\$18,080	1.1%
35-1011	<a href="#">Chefs and Head Cooks</a>	detail	170	13.9%	2.860	3.83	\$14.18	\$15.69	\$32,640	3.8%
35-1012	<a href="#">First-Line Supervisors of Food Preparation and Serving Workers</a>	detail	370	9.3%	6.116	0.97	\$9.64	\$10.24	\$21,300	2.5%
35-2011	<a href="#">Cooks, Fast Food</a>	detail	240	22.5%	3.980	1.03	\$8.39	\$8.09	\$16,830	4.2%
35-2012	<a href="#">Cooks, Institution and Cafeteria</a>	detail	160	4.8%	2.603	0.86	\$10.28	\$10.24	\$21,300	2.4%
35-2014	<a href="#">Cooks, Restaurant</a>	detail	810	14.4%	13.294	1.73	\$8.61	\$8.64	\$17,960	1.7%
35-2015	<a href="#">Cooks, Short Order</a>	detail	70	13.2%	1.160	0.93	\$8.55	\$8.37	\$17,410	4.7%
35-2021	<a href="#">Food Preparation Workers</a>	detail	1,060	14.0%	17.380	2.88	\$8.49	\$8.38	\$17,430	2.2%
35-3011	<a href="#">Bartenders</a>	detail	140	20.8%	2.355	0.57	\$8.44	\$8.13	\$16,910	2.0%
35-3021	<a href="#">Combined Food Preparation and Serving Workers, Including Fast Food</a>	detail	980	28.7%	16.019	0.71	\$8.43	\$8.15	\$16,950	2.8%
35-3022	<a href="#">Counter Attendants, Cafeteria, Food Concession, and Coffee Shop</a>	detail	80	36.3%	1.384	0.42	\$8.42	\$8.12	\$16,890	3.5%
35-3031	<a href="#">Waiters and Waitresses</a>	detail	1,610	20.3%	26.466	1.48	\$8.49	\$8.41	\$17,490	3.0%
35-3041	<a href="#">Food Servers, Non-restaurant</a>	detail	(8)	(8)	(8)	(8)	\$8.53	\$8.48	\$17,640	5.4%
35-9011	<a href="#">Dining Room and Cafeteria Attendants and Bartender Helpers</a>	detail	70	8.2%	1.109	0.37	\$8.44	\$8.11	\$16,860	2.9%
35-9021	<a href="#">Dishwashers</a>	detail	390	8.2%	6.467	1.68	\$8.39	\$8.10	\$16,840	1.5%
35-9031	<a href="#">Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop</a>	detail	150	17.1%	2.527	0.96	\$8.39	\$8.14	\$16,920	2.4%
37-0000	<a href="#">Building and Grounds Cleaning and Maintenance</a>	major	3,110	4.5%	51.001	1.56	\$8.67	\$9.20	\$19,130	1.7%



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	<a href="#">Occupations</a>									
37-1011	<a href="#">First-Line Supervisors of Housekeeping and Janitorial Workers</a>	detail	200	4.5%	3.351	2.56	\$10.03	\$11.79	\$24,510	2.1%
37-1012	<a href="#">First-Line Supervisors of Landscaping, Lawn Service, and Grounds keeping Workers</a>	detail	40	8.9%	0.646	0.85	\$13.59	\$17.32	\$36,030	5.7%
37-2011	<a href="#">Janitors and Cleaners, Except Maids and Housekeeping Cleaners</a>	detail	1,290	5.2%	21.104	1.31	\$8.81	\$9.48	\$19,720	2.5%
37-2012	<a href="#">Maids and Housekeeping Cleaners</a>	detail	1,000	3.2%	16.417	2.39	\$8.44	\$8.24	\$17,150	1.6%
37-3011	<a href="#">Landscaping and Groundskeeping Workers</a>	detail	540	20.5%	8.840	1.39	\$8.53	\$8.61	\$17,900	2.4%
39-0000	<a href="#">Personal Care and Service Occupations</a>	major	1,660	11.1%	27.219	0.93	\$9.02	\$10.72	\$22,300	4.7%
39-1021	<a href="#">First-Line Supervisors of Personal Service Workers</a>	detail	50	3.2%	0.876	0.80	\$20.54	\$20.88	\$43,430	1.9%
39-3091	<a href="#">Amusement and Recreation Attendants</a>	detail	160	11.0%	2.652	1.35	\$8.48	\$8.27	\$17,210	3.0%
39-5012	<a href="#">Hairdressers, Hairstylists, and Cosmetologists</a>	detail	(8)	(8)	(8)	(8)	\$8.84	\$9.14	\$19,010	9.5%
39-6011	<a href="#">Baggage Porters and Bellhops</a>	detail	270	1.1%	4.509	14.51	\$9.39	\$13.79	\$28,680	5.6%
39-6012	<a href="#">Concierges</a>	detail	50	12.9%	0.881	4.43	\$9.87	\$10.28	\$21,370	1.6%
39-7011	<a href="#">Tour Guides and Escorts</a>	detail	110	11.8%	1.832	7.63	\$8.85	\$9.43	\$19,620	2.9%
39-9011	<a href="#">Childcare Workers</a>	detail	220	9.1%	3.547	0.74	\$8.46	\$8.14	\$16,920	3.8%
39-9021	<a href="#">Personal Care Aides</a>	detail	(8)	(8)	(8)	(8)	\$10.08	\$10.11	\$21,030	4.8%
39-9032	<a href="#">Recreation Workers</a>	detail	230	23.6%	3.782	1.59	\$8.76	\$11.40	\$23,710	20.1%
41-0000	<a href="#">Sales and Related Occupations</a>	major	4,270	4.3%	70.062	0.66	\$9.08	\$10.34	\$21,520	1.8%
41-1011	<a href="#">First-Line</a>	detail	330	14.2%	5.393	0.58	\$12.00	\$12.55	\$26,110	4.3%



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
	<a href="#">Supervisors of Retail Sales Workers</a>									
41-1012	<a href="#">First-Line Supervisors of Non-Retail Sales Workers</a>	detail	90	30.9%	1.530	0.82	\$15.26	\$16.36	\$34,030	5.5%
41-2011	<a href="#">Cashiers</a>	detail	1,710	10.2%	28.042	1.10	\$8.68	\$8.79	\$18,280	2.4%
41-2021	<a href="#">Counter and Rental Clerks</a>	detail	150	36.4%	2.444	0.74	\$8.79	\$9.03	\$18,780	2.7%
41-2022	<a href="#">Parts Salespersons</a>	detail	60	8.5%	1.005	0.60	\$8.76	\$9.38	\$19,510	3.8%
41-2031	<a href="#">Retail Salespersons</a>	detail	1,360	12.4%	22.326	0.67	\$9.13	\$10.19	\$21,200	2.2%
41-3011	<a href="#">Advertising Sales Agents</a>	detail	60	15.4%	1.063	0.95	\$12.94	\$13.73	\$28,560	2.5%
41-3021	<a href="#">Insurance Sales Agents</a>	detail	50	34.9%	0.761	0.29	\$11.12	\$15.37	\$31,960	15.3%
41-3041	<a href="#">Travel Agents</a>	detail	120	23.2%	1.950	3.93	\$12.42	\$12.89	\$26,810	2.9%
41-3099	<a href="#">Sales Representatives, Services, All Other</a>	detail	50	9.8%	0.799	0.15	\$14.64	\$24.47	\$50,890	16.1%
41-4012	<a href="#">Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products</a>	detail	160	16.5%	2.660	0.25	\$9.99	\$10.57	\$21,980	2.9%
41-9011	<a href="#">Demonstrators and Product Promoters</a>	detail	50	20.3%	0.851	1.52	\$8.89	\$9.42	\$19,590	4.3%
43-0000	<a href="#">Office and Administrative Support Occupations</a>	major	10,890	1.9%	178.636	1.09	\$11.45	\$13.04	\$27,110	2.1%
43-1011	<a href="#">First-Line Supervisors of Office and Administrative Support Workers</a>	detail	730	4.8%	11.950	1.15	\$17.91	\$19.23	\$39,990	2.6%
43-2011	<a href="#">Switchboard Operators, Including Answering Service</a>	detail	80	1.3%	1.271	1.32	\$8.99	\$10.06	\$20,920	2.7%
43-3011	<a href="#">Bill and Account Collectors</a>	detail	130	8.4%	2.165	0.73	\$10.95	\$11.67	\$24,280	2.2%
43-3021	<a href="#">Billing and Posting Clerks</a>	detail	210	10.9%	3.390	0.90	\$11.25	\$12.28	\$25,550	5.4%
43-3031	<a href="#">Bookkeeping, Accounting, and Auditing Clerks</a>	detail	810	4.8%	13.353	1.08	\$11.96	\$12.71	\$26,440	1.6%
43-3051	<a href="#">Payroll and</a>	detail	110	8.7%	1.820	1.37	\$13.69	\$13.95	\$29,010	2.8%

Occupation code	Occupation title (click on the occupation title to view its profile)	Level	Employment	Employment RSE	Employment per 1,000 jobs	Location quotient	Median hourly wage	Mean hourly wage	Annual mean wage	Mean wage RSE
	<a href="#">Timekeeping Clerks</a>									
43-3061	<a href="#">Procurement Clerks</a>	detail	80	3.0%	1.361	2.54	\$17.56	\$16.12	\$33,540	5.2%
43-3071	<a href="#">Tellers</a>	detail	240	1.6%	3.990	0.96	\$10.37	\$10.61	\$22,070	1.6%
43-4051	<a href="#">Customer Service Representatives</a>	detail	1,340	4.3%	21.944	1.24	\$9.13	\$10.36	\$21,550	3.2%
43-4071	<a href="#">File Clerks</a>	detail	40	11.0%	0.699	0.57	\$8.76	\$8.94	\$18,600	2.3%
43-4081	<a href="#">Hotel, Motel, and Resort Desk Clerks</a>	detail	240	7.6%	4.003	2.28	\$8.65	\$8.72	\$18,130	1.7%
43-4131	<a href="#">Loan Interviewers and Clerks</a>	detail	80	15.5%	1.348	0.91	\$12.38	\$12.68	\$26,370	2.5%
43-4141	<a href="#">New Accounts Clerks</a>	detail	50	0.0%	0.774	1.82	\$11.74	\$12.42	\$25,840	2.2%
43-4161	<a href="#">Human Resources Assistants, Except Payroll and Timekeeping</a>	detail	70	3.7%	1.079	1.01	\$13.92	\$14.84	\$30,860	2.6%
43-4171	<a href="#">Receptionists and Information Clerks</a>	detail	270	9.6%	4.433	0.60	\$9.32	\$10.26	\$21,330	3.9%
43-4181	<a href="#">Reservation and Transportation Ticket Agents and Travel Clerks</a>	detail	420	6.4%	6.837	6.55	\$16.75	\$15.88	\$33,030	6.7%
43-5011	<a href="#">Cargo and Freight Agents</a>	detail	80	20.0%	1.243	2.06	\$20.09	\$17.50	\$36,400	12.9%
43-5021	<a href="#">Couriers and Messengers</a>	detail	130	6.0%	2.132	3.62	\$9.15	\$10.65	\$22,150	4.8%
43-5032	<a href="#">Dispatchers, Except Police, Fire, and Ambulance</a>	detail	120	4.2%	1.924	1.36	\$13.69	\$14.42	\$29,990	4.3%
43-5051	<a href="#">Postal Service Clerks</a>	detail	30	0.0%	0.558	1.05	\$25.52	\$24.03	\$49,980	(8)
43-5052	<a href="#">Postal Service Mail Carriers</a>	detail	30	0.0%	0.508	0.22	\$27.16	\$26.16	\$54,420	(8)
43-5061	<a href="#">Production, Planning, and Expediting Clerks</a>	detail	700	5.5%	11.489	5.37	\$17.68	\$18.16	\$37,770	2.3%
43-5071	<a href="#">Shipping, Receiving, and Traffic Clerks</a>	detail	190	4.0%	3.157	0.60	\$11.04	\$13.05	\$27,140	4.7%
43-5081	<a href="#">Stock Clerks and Order Fillers</a>	detail	1,180	9.6%	19.386	1.40	\$8.97	\$10.17	\$21,150	2.5%
43-5111	<a href="#">Weighers, Measurers, Checkers, and Samplers, Recordkeeping</a>	detail	50	2.9%	0.900	1.68	\$13.18	\$12.97	\$26,980	7.7%
43-6011	<a href="#">Executive</a>	detail	1,040	6.8%	17.062	2.77	\$13.85	\$15.15	\$31,510	2.9%

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
	<a href="#">Secretaries and Executive Administrative Assistants</a>									
43-6012	<a href="#">Legal Secretaries</a>	detail	40	2.4%	0.697	0.42	\$14.87	\$14.73	\$30,630	4.7%
43-6013	<a href="#">Medical Secretaries</a>	detail	40	28.4%	0.728	0.19	\$11.33	\$12.22	\$25,420	4.5%
43-6014	<a href="#">Secretaries and Administrative Assistants, Except Legal, Medical, and Executive</a>	detail	320	7.1%	5.312	0.33	\$13.55	\$14.22	\$29,580	2.4%
43-9011	<a href="#">Computer Operators</a>	detail	80	1.3%	1.268	2.31	\$15.42	\$15.02	\$31,230	1.5%
43-9021	<a href="#">Data Entry Keyers</a>	detail	160	10.9%	2.626	1.65	\$9.62	\$10.13	\$21,070	2.4%
43-9041	<a href="#">Insurance Claims and Policy Processing Clerks</a>	detail	60	7.9%	0.994	0.57	\$12.12	\$12.75	\$26,510	1.9%
43-9061	<a href="#">Office Clerks, General</a>	detail	1,080	6.9%	17.791	0.83	\$9.08	\$9.78	\$20,350	1.3%
47-0000	<a href="#">Construction and Extraction Occupations</a>	major	5,370	2.6%	88.119	2.31	\$13.32	\$13.66	\$28,420	1.3%
47-1011	<a href="#">First-Line Supervisors of Construction Trades and Extraction Workers</a>	detail	240	8.7%	3.912	1.12	\$18.43	\$20.84	\$43,350	3.5%
47-2031	<a href="#">Carpenters</a>	detail	1,450	7.9%	23.702	5.44	\$13.57	\$13.83	\$28,780	1.7%
47-2051	<a href="#">Cement Masons and Concrete Finishers</a>	detail	920	8.6%	15.084	14.54	\$13.34	\$13.39	\$27,860	1.6%
47-2061	<a href="#">Construction Laborers</a>	detail	710	8.5%	11.672	1.87	\$9.22	\$9.70	\$20,180	2.6%
47-2073	<a href="#">Operating Engineers and Other Construction Equipment Operators</a>	detail	110	14.0%	1.878	0.73	\$13.58	\$14.17	\$29,480	1.8%
47-2111	<a href="#">Electricians</a>	detail	530	4.9%	8.689	2.18	\$16.37	\$16.59	\$34,510	2.4%
47-2141	<a href="#">Painters, Construction and Maintenance</a>	detail	190	7.1%	3.090	2.18	\$13.90	\$14.28	\$29,690	1.6%
47-2152	<a href="#">Plumbers, Pipefitters, and Steamfitters</a>	detail	190	8.9%	3.170	1.21	\$15.77	\$15.79	\$32,840	2.1%
47-2161	<a href="#">Plasterers and Stucco Masons</a>	detail	50	45.7%	0.863	5.34	\$13.35	\$14.44	\$30,030	13.4%

Occupation code	Occupation title (click on the occupation title to view its profile)	Level	Employment	Employment RSE	Employment per 1,000 jobs	Location quotient	Median hourly wage	Mean hourly wage	Annual mean wage	Mean wage RSE
47-2171	<a href="#">Reinforcing Iron and Rebar Workers</a>	detail	190	10.0%	3.147	26.75	\$13.07	\$12.98	\$26,990	1.7%
47-2211	<a href="#">Sheet Metal Workers</a>	detail	70	10.4%	1.141	1.11	\$15.06	\$15.25	\$31,730	4.2%
47-2221	<a href="#">Structural Iron and Steel Workers</a>	detail	80	13.5%	1.309	2.99	\$13.21	\$13.23	\$27,510	1.8%
47-3012	<a href="#">Helpers--Carpenters</a>	detail	(8)	(8)	(8)	(8)	\$9.23	\$9.18	\$19,090	3.4%
47-3013	<a href="#">Helpers--Electricians</a>	detail	100	38.2%	1.720	3.76	\$10.77	\$10.79	\$22,440	4.3%
47-3015	<a href="#">Helpers--Pipe layers, Plumbers, Pipefitters, and Steamfitters</a>	detail	70	15.1%	1.197	3.35	\$9.22	\$9.19	\$19,120	2.9%
47-4011	<a href="#">Construction and Building Inspectors</a>	detail	50	14.9%	0.887	1.29	\$20.93	\$21.23	\$44,160	3.3%
49-0000	<a href="#">Installation, Maintenance, and Repair Occupations</a>	major	3,430	3.1%	56.215	1.44	\$12.71	\$14.42	\$30,000	2.2%
49-1011	<a href="#">First-Line Supervisors of Mechanics, Installers, and Repairers</a>	detail	250	3.3%	4.120	1.27	\$21.18	\$22.86	\$47,560	3.3%
49-2022	<a href="#">Telecommunications Equipment Installers and Repairers, Except Line Installers</a>	detail	110	2.0%	1.755	1.10	\$18.18	\$18.29	\$38,040	2.3%
49-2098	<a href="#">Security and Fire Alarm Systems Installers</a>	detail	60	4.5%	0.971	2.34	\$12.63	\$12.67	\$26,350	1.5%
49-3011	<a href="#">Aircraft Mechanics and Service Technicians</a>	detail	100	4.0%	1.712	1.87	\$26.29	\$25.50	\$53,040	4.0%
49-3021	<a href="#">Automotive Body and Related Repairers</a>	detail	80	18.2%	1.392	1.34	\$12.55	\$12.83	\$26,690	6.5%
49-3023	<a href="#">Automotive Service Technicians and Mechanics</a>	detail	210	13.6%	3.511	0.77	\$12.67	\$13.36	\$27,780	4.5%
49-3031	<a href="#">Bus and Truck Mechanics and Diesel Engine Specialists</a>	detail	70	12.2%	1.210	0.69	\$13.58	\$13.97	\$29,050	3.1%
49-3042	<a href="#">Mobile Heavy Equipment Mechanics, Except</a>	detail	210	6.7%	3.511	4.15	\$17.63	\$17.21	\$35,790	2.4%

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
	<a href="#">Engines</a>									
49-3093	<a href="#">Tire Repairers and Changers</a>	detail	40	16.4%	0.592	0.80	\$9.23	\$10.12	\$21,040	10.2%
49-9021	<a href="#">Heating, Air Conditioning, and Refrigeration Mechanics and Installers</a>	detail	200	21.7%	3.242	1.76	\$14.61	\$15.59	\$32,430	4.4%
49-9041	<a href="#">Industrial Machinery Mechanics</a>	detail	90	1.8%	1.519	0.66	\$20.01	\$19.80	\$41,190	4.9%
49-9052	<a href="#">Telecommunications Line Installers and Repairers</a>	detail	70	13.4%	1.182	1.16	\$16.57	\$16.81	\$34,960	2.3%
49-9071	<a href="#">Maintenance and Repair Workers, General</a>	detail	1,390	5.5%	22.876	2.42	\$10.55	\$11.70	\$24,340	2.2%
49-9098	<a href="#">Helpers-- Installation, Maintenance, and Repair Workers</a>	detail	270	18.8%	4.397	4.61	\$10.14	\$10.24	\$21,290	2.6%
49-9099	<a href="#">Installation, Maintenance, and Repair Workers, All Other</a>	detail	30	0.0%	0.530	0.54	\$23.47	\$21.96	\$45,680	2.9%
51-0000	<a href="#">Production Occupations</a>	major	1,720	4.7%	28.258	0.43	\$10.90	\$13.31	\$27,690	3.9%
51-1011	<a href="#">First-Line Supervisors of Production and Operating Workers</a>	detail	110	14.5%	1.853	0.42	\$23.11	\$21.25	\$44,190	7.7%
51-3011	<a href="#">Bakers</a>	detail	160	9.8%	2.550	2.11	\$9.06	\$9.08	\$18,880	1.8%
51-3021	<a href="#">Butchers and Meat Cutters</a>	detail	100	23.2%	1.638	1.59	\$9.01	\$11.24	\$23,380	11.0%
51-3022	<a href="#">Meat, Poultry, and Fish Cutters and Trimmers</a>	detail	30	41.6%	0.505	0.42	\$9.67	\$10.20	\$21,220	6.1%
51-4041	<a href="#">Machinists</a>	detail	50	4.1%	0.823	0.28	\$16.76	\$16.61	\$34,540	3.1%
51-4121	<a href="#">Welders, Cutters, Solderers, and Brazers</a>	detail	230	8.4%	3.846	1.52	\$16.56	\$16.80	\$34,940	2.4%
51-6011	<a href="#">Laundry and Dry-Cleaning Workers</a>	detail	200	16.3%	3.328	2.18	\$8.36	\$8.04	\$16,730	3.2%
51-9061	<a href="#">Inspectors, Testers, Sorters, Samplers, and Weighers</a>	detail	30	36.9%	0.499	0.14	\$10.94	\$12.74	\$26,490	7.8%

Occupation code	Occupation title (click on the occupation title to view its profile)	Level	Employment	Employment RSE	Employment per 1,000 jobs	Location quotient	Median hourly wage	Mean hourly wage	Annual mean wage	Mean wage RSE
51-9122	<a href="#">Painters, Transportation Equipment</a>	detail	30	30.5%	0.551	1.55	\$11.93	\$12.72	\$26,460	7.3%
51-9198	<a href="#">Helpers--Production Workers</a>	detail	120	9.0%	2.004	0.62	\$9.48	\$9.75	\$20,280	4.1%
53-0000	<a href="#">Transportation and Material Moving Occupations</a>	major	3,470	3.6%	56.896	0.85	\$10.78	\$14.35	\$29,840	7.5%
53-1021	<a href="#">First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand</a>	detail	50	25.2%	0.751	0.58	\$19.45	\$19.99	\$41,580	3.6%
53-1031	<a href="#">First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators</a>	detail	120	9.7%	1.983	1.31	\$14.97	\$18.50	\$38,480	5.3%
53-3021	<a href="#">Bus Drivers, Transit and Intercity</a>	detail	250	10.4%	4.067	3.25	\$9.09	\$9.42	\$19,590	3.8%
53-3031	<a href="#">Driver/Sales Workers</a>	detail	320	11.8%	5.178	1.71	\$8.85	\$9.13	\$19,000	3.1%
53-3032	<a href="#">Heavy and Tractor-Trailer Truck Drivers</a>	detail	650	8.7%	10.677	0.89	\$12.56	\$12.74	\$26,510	2.1%
53-3033	<a href="#">Light Truck or Delivery Services Drivers</a>	detail	390	9.8%	6.329	1.07	\$8.93	\$9.56	\$19,890	2.7%
53-3041	<a href="#">Taxi Drivers and Chauffeurs</a>	detail	100	8.5%	1.606	1.25	\$8.60	\$8.54	\$17,760	2.5%
53-6031	<a href="#">Automotive and Watercraft Service Attendants</a>	detail	80	16.2%	1.246	1.50	\$8.46	\$8.14	\$16,940	3.5%
53-7021	<a href="#">Crane and Tower Operators</a>	detail	40	2.8%	0.720	2.18	\$18.84	\$19.29	\$40,110	2.9%
53-7032	<a href="#">Excavating and Loading Machine and Dragline Operators</a>	detail	80	11.6%	1.361	3.94	\$13.91	\$14.18	\$29,490	1.7%
53-7051	<a href="#">Industrial Truck and Tractor Operators</a>	detail	80	14.7%	1.366	0.36	\$15.34	\$15.47	\$32,190	3.7%
53-7061	<a href="#">Cleaners of Vehicles and Equipment</a>	detail	220	18.5%	3.659	1.57	\$8.53	\$8.27	\$17,200	2.3%
53-7062	<a href="#">Laborers and Freight, Stock, and Material Movers,</a>	detail	240	7.9%	3.877	0.24	\$9.42	\$11.49	\$23,910	3.4%

Occupation code	Occupation title (click on the occupation title to view its profile)	Level	Employment	Employment RSE	Employment per 1,000 jobs	Location quotient	Median hourly wage	Mean hourly wage	Annual mean wage	Mean wage RSE
	<a href="#">Hand</a>									
53-7064	<a href="#">Packers and Packagers, Hand</a>	detail	120	35.7%	1.934	0.38	\$8.47	\$8.14	\$16,920	3.6%
53-7081	<a href="#">Refuse and Recyclable Material Collectors</a>	detail	50	12.8%	0.787	0.87	\$9.01	\$9.25	\$19,230	2.7%

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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 mean 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.

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**Last Modified Date:** March 29, 2013





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## Occupational Employment Statistics

# Technical Notes for May 2012 OES Estimates

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### 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. OES data available from BLS include cross-industry occupational employment and wage estimates for the nation; over 500 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. May 2012 estimates are based on responses from six semiannual panels collected over a 3-year period: May 2012, November 2011, May 2011, November 2010, May 2010, and November 2009. The overall national response rate for the six panels is 76.6 percent based on establishments and 72.9 percent based on employment. The unweighted employment of sampled establishments across all six semiannual panels represents approximately 59.3 percent of total national employment.

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### The occupational coding system

The OES survey categorizes workers into 821 detailed occupations based on the 2010 Office of Management and Budget's 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. OES estimates for 2010 and 2011 were based on a hybrid structure of the 2000 and 2010 SOC systems. For more information about the hybrid structure, please see the Bureau of Labor Statistics website at [www.bls.gov/oes/oes\\_ques.htm#qf9](http://www.bls.gov/oes/oes_ques.htm#qf9).

For more information about the SOC system, please see the BLS website at [www.bls.gov/soc/](http://www.bls.gov/soc/).

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### The industry coding system

The 2012 OES estimates are the first estimates based on the 2012 North American Industry Classification System (NAICS). Previous OES estimates were based on the 2007 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.

The OES survey covers all full- and part-time wage and salary workers in nonfarm industries. The survey does not include the self-employed, owners and partners in unincorporated firms, household workers, or unpaid family workers.

## Survey sample

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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. An annual census is taken of the executive branch of the federal government, the U.S. Postal Service, and state government.

## Concepts

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*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.

*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 some 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

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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 23 percent of establishments do not respond for a given panel. 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.

*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 2011 and May 2012 employment) from the BLS Quarterly Census of Employment and Wages to employment totals from the OES survey.

## For more information

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Answers to frequently asked questions about the OES data are available at [http://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 our Survey Methods and Reliability Statement on the BLS website at [http://www.bls.gov/oes/current/methods\\_statement.pdf](http://www.bls.gov/oes/current/methods_statement.pdf).

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[May 2012 National Occupational Employment and Wage Estimates](#)

[May 2012 State Occupational Employment and Wage Estimates](#)

[May 2012 Metropolitan and Nonmetropolitan Area Occupational Employment and Wage Estimates](#)

[May 2012 National Industry-Specific Occupational Employment and Wage Estimates](#)

[May 2012 Occupation Profiles](#)

[May 2012 Technical notes](#)

**Last Modified Date:** April 19, 2013

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Washington, DC 20212-0001

[www.bls.gov/OES](http://www.bls.gov/OES) | Telephone: 1-202-691-6569 | [Contact OES](#)

# May 2012 OES Estimates

## Occupational Employment Statistics (OES) Survey

Bureau of Labor Statistics, Department of Labor

website: <http://stat.bls.gov/oes/home.htm>

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 7-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"=Broad SOC occupation; "detailed"=Detailed SOC occupation level
naics_level	Distinguishes between the 5-digit NAICS and 6-digit NAICS (only on the select 5- and 6-digit industry file.
tot_emp	Estimated total employment rounded to the nearest 10 (excludes self-employed)
emp_prse	Percent relative standard error for the employment. Relative Standard Error (RSE) 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 reported
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 for the mean wage. Relative Standard Error (RSE) 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 only releases the annual wage for some occupations that typically work fewer than 2080 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 2020 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 \$90.00 per hour or \$187,200 per year

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

OCC_C ODE	OCC_TITLE	OCC GROUP	TOT EMP	EMP PRSE	JOBS 1000	LOC Q	H MEAN	A MEAN	MEAN PRSE	H PCT10	H PCT25	H MEDIA N	H PCT75	H PCT90	A PCT10	A PCT25	A MEDIAN	A PCT75	A PCT90
00-0000	All Occupations	total	60,970	1.0	1000.000	1.00	15.55	32,350	2.4	8.00	8.86	12.18	18.52	27.61	16,640	18,420	25,330	38,520	57,420
11-0000	Management Occupations	major	5,300	2.7	86.947	1.77	29.01	60,340	2.5	12.29	16.95	24.18	35.86	50.23	25,560	35,250	50,290	74,590	104,480
11-1011	Chief Executives	detailed	880	13.8	14,510	7.39	40.72	84,710	9.2	8.89	15.93	33.29	55.66	85.35	18,490	33,130	69,240	115,760	177,530
11-1021	General and Operations Managers	detailed	2,000	4.5	32,800	2.25	26.77	55,680	3.1	12.57	16.60	23.20	33.70	45.74	26,150	34,530	48,260	70,090	95,140
11-2011	Advertising and Promotions Managers	detailed	40	10.1	0.586	2.68	24.43	50,810	3.4	15.65	18.15	22.30	27.13	39.29	32,540	37,750	46,380	56,430	81,730
11-2021	Marketing Managers	detailed	120	10.4	2,004	1.52	23.21	48,280	2.7	12.72	14.62	20.97	29.47	36.08	26,450	30,420	43,630	61,300	75,050
11-2022	Sales Managers	detailed	290	7.1	4,674	1.77	23.91	49,730	2.8	14.13	17.10	21.84	28.57	37.13	29,380	35,580	45,440	59,420	77,220
11-3011	Administrative Services Managers	detailed	380	4.1	6,214	3.07	21.81	45,370	1.6	12.28	16.43	20.89	26.12	32.97	25,540	34,160	43,440	54,330	68,580
11-3021	Computer and Information Systems Managers	detailed	40	13.1	0.597	0.25	30.43	63,290	2.7	18.70	21.79	26.73	36.62	54.05	38,910	45,320	55,600	76,170	112,430
11-3031	Financial Managers	detailed	270	4.9	4,351	1.17	31.53	65,580	2.3	16.96	22.46	28.85	36.84	50.16	35,280	46,710	60,000	76,630	104,340
11-3061	Purchasing Managers	detailed	50	19.1	0.892	1.67	21.69	45,110	3.0	13.10	15.93	18.50	25.07	34.43	27,250	33,120	38,470	52,150	71,620
11-3071	Transportation, Storage, and Distribution Managers	detailed	70	5.5	1,119	1.48	32.24	67,050	6.2	16.07	21.02	28.21	48.01	54.54	33,420	43,720	58,680	99,870	113,440
11-3121	Human Resources Managers	detailed	60	15.7	0.915	1.22	23.63	49,150	5.3	8.76	16.07	23.12	30.73	40.51	18,220	33,420	48,090	63,920	84,270
11-9021	Construction Managers	detailed	150	11.2	2,470	1.55	26.23	54,570	5.8	15.16	16.96	22.52	30.23	41.71	31,520	35,270	46,830	62,880	86,750
11-9033	Education Administrators, Postsecondary	detailed	30	0.0	0.530	0.56	36.40	75,720	2.0	24.79	27.97	34.62	42.95	52.83	51,560	58,180	72,010	89,330	109,890
11-9039	Education Administrators, All Other	detailed	220	0.9	3,572	15.85	40.50	84,230	2.7	31.71	35.09	39.28	46.09	49.92	65,950	73,000	81,700	95,860	103,840
11-9041	Architectural and Engineering Managers	detailed	40	27.9	0.700	0.49	38.22	79,490	7.5	20.66	29.17	36.96	51.13	56.10	42,980	60,660	76,880	106,360	116,680
11-9051	Food Service Managers	detailed	300	17.6	4,933	3.39	15.86	32,980	5.9	10.29	11.62	14.85	19.20	22.38	21,390	24,170	30,890	39,940	46,560
11-9141	Property, Real Estate, and Community Association Managers	detailed	70	14.5	1,178	0.96	21.43	44,570	3.4	12.31	16.74	20.77	23.30	31.61	25,610	34,820	43,200	48,460	65,740
11-9199	Managers, All Other	detailed	60	3.5	0.969	0.37	37.46	77,910	4.8	21.47	27.26	39.68	44.58	54.40	44,650	56,700	82,520	92,730	113,150
13-0000	Business and Financial Operations Occupations	major	2,400	3.9	39,286	0.80	23.43	48,740	5.1	11.39	15.37	21.27	29.80	37.50	23,690	31,980	44,250	61,990	77,990
13-1022	Wholesale and Retail Buyers, Except Farm Products	detailed	70	38.8	1,110	1.33	15.84	32,950	13.5	8.74	10.55	13.14	21.78	26.59	18,170	21,940	27,340	45,290	55,310
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	detailed	160	2.0	2,688	1.25	25.47	52,980	7.0	11.20	16.17	23.00	34.18	40.08	23,300	33,630	47,850	71,100	83,360
13-1031	Claims Adjusters, Examiners, and Investigators	detailed	50	14.7	0.869	0.43	22.23	46,240	2.1	14.20	16.25	19.23	27.94	35.87	29,540	33,800	40,000	58,120	74,610
13-1041	Compliance Officers	detailed	190	0.9	3,037	1.74	28.56	59,410	2.4	15.10	20.41	32.58	35.28	36.39	31,410	42,450	67,780	73,380	75,690
13-1051	Cost Estimators	detailed	**	**	**	**	35.59	74,020	15.4	12.52	20.98	34.09	52.44	56.42	26,040	43,640	70,900	109,070	117,360
13-1071	Human Resources Specialists	detailed	140	6.8	2,339	0.77	21.20	44,100	2.6	12.05	16.49	20.48	24.98	30.34	25,050	34,300	42,590	51,960	63,110
13-1111	Management Analysts	detailed	130	1.1	2,157	0.52	28.23	58,710	3.8	19.52	22.82	27.60	33.09	40.52	40,590	47,460	57,410	68,820	84,280
13-1121	Meeting, Convention, and Event Planners	detailed	50	2.0	0.877	1.62	13.63	28,360	1.9	9.33	11.06	13.16	15.73	18.30	19,410	23,010	27,370	32,720	38,070

OCC_C ODE	OCC_TITLE	OCC GROUP	TOT EMP	EMP PRSE	JOBS 1000	LOC Q	H MEAN	A MEAN	MEAN PRSE	H PCT10	H PCT25	H MEDIA N	H PCT75	H PCT90	A PCT10	A PCT25	A MEDIAN	A PCT75	A PCT90
13-1151	Training and Development Specialists	detailed	40	4.9	0.627	0.37	17.38	36,140	5.2	9.77	11.53	15.92	18.92	28.44	20,330	23,980	33,120	39,350	59,150
13-1161	Market Research Analysts and Marketing Specialists	detailed	50	14.0	0.835	0.28	16.13	33,560	4.8	9.03	11.33	13.69	20.46	26.85	18,780	23,570	28,480	42,550	55,840
13-2011	Accountants and Auditors	detailed	590	4.1	9.668	1.12	19.59	40,750	1.7	11.62	14.53	18.08	22.79	28.96	24,160	30,230	37,600	47,400	60,230
13-2053	Insurance Underwriters	detailed	110	25.7	1.842	2.61	14.04	29,210	6.1	8.49	10.07	13.44	17.32	20.44	17,650	20,940	27,950	36,030	42,520
13-2072	Loan Officers	detailed	70	4.9	1.186	0.54	21.11	43,900	1.6	12.48	14.44	18.78	23.72	36.79	25,950	30,030	39,060	49,330	76,520
13-2082	Tax Preparers	detailed	70	3.4	1.107	2.36	17.08	35,530	2.9	9.87	12.13	15.55	20.77	24.79	20,520	25,220	32,350	43,190	51,560
15-0000	Computer and Mathematical Occupations	major	630	3.7	10.316	0.38	22.14	46,060	2.8	10.99	15.60	21.03	26.81	36.04	22,860	32,440	43,750	55,770	74,970
15-1121	Computer Systems Analysts	detailed	60	2.6	0.941	0.25	22.00	45,770	1.6	15.45	19.20	21.64	25.06	28.59	32,140	39,930	45,010	52,130	59,460
15-1131	Computer Programmers	detailed	40	12.8	0.589	0.24	22.16	46,090	2.0	14.02	19.10	22.29	26.37	28.91	29,160	39,720	46,350	54,850	60,140
15-1142	Network and Computer Systems Administrators	detailed	70	7.0	1.207	0.45	26.45	55,020	2.2	16.77	20.63	24.95	31.03	39.00	34,870	42,910	51,900	64,530	81,110
15-1151	Computer User Support Specialists	detailed	190	10.3	3.159	0.78	16.02	33,330	3.5	8.52	10.65	15.45	20.88	24.34	17,730	22,150	32,140	43,430	50,630
15-1152	Computer Network Support Specialists	detailed	110	4.4	1.811	1.40	19.16	39,850	2.1	12.72	15.27	19.66	22.58	25.82	26,460	31,760	40,900	46,970	53,710
17-0000	Architecture and Engineering Occupations	major	910	4.0	14.964	0.83	27.06	56,280	3.1	14.53	17.93	23.83	34.62	43.98	30,220	37,300	49,580	72,010	91,470
17-1011	Architects, Except Landscape and Naval	detailed	50	19.1	0.771	1.21	28.32	58,910	7.8	15.71	17.33	25.86	37.36	44.99	32,670	36,040	53,780	77,700	93,590
17-2051	Civil Engineers	detailed	290	8.9	4.812	2.43	28.95	60,210	4.4	15.92	19.27	25.20	35.15	49.37	33,120	40,070	52,420	73,110	102,690
17-2071	Electrical Engineers	detailed	90	14.5	1.468	1.19	34.23	71,200	7.0	21.59	25.77	32.36	42.59	52.02	44,910	53,590	67,310	88,590	108,200
17-2141	Mechanical Engineers	detailed	30	17.2	0.543	0.28	32.31	67,200	4.4	19.89	22.09	35.14	39.57	43.98	41,360	45,950	73,100	82,300	91,470
17-3011	Architectural and Civil Drafters	detailed	50	17.0	0.794	1.24	19.49	40,540	4.7	11.81	14.32	19.32	23.74	27.74	24,560	29,790	40,190	49,380	57,690
17-3023	Electrical and Electronics Engineering Technicians	detailed	110	0.0	1.865	1.68	23.24	48,340	1.5	12.98	17.04	22.81	28.72	35.87	27,010	35,450	47,450	59,740	74,610
19-0000	Life, Physical, and Social Science Occupations	major	360	0.8	5.983	0.71	22.23	46,250	1.7	10.65	13.28	18.89	28.29	37.51	22,160	27,610	39,280	58,850	78,020
19-2041	Environmental Scientists and Specialists, Including Health	detailed	40	1.6	0.717	1.11	26.59	55,310	2.4	15.01	18.90	24.54	35.29	40.80	31,230	39,310	51,030	73,400	84,860
19-4091	Environmental Science and Protection Technicians, Including Health	detailed	50	14.7	0.768	3.24	14.37	29,890	3.1	10.08	10.70	11.73	19.60	21.90	20,960	22,250	24,400	40,760	45,550
21-0000	Community and Social Service Occupations	major	620	7.1	10.086	0.70	17.70	36,820	1.8	8.92	12.39	16.50	22.11	27.89	18,560	25,780	34,320	45,990	58,020
21-1022	Healthcare Social Workers	detailed	30	28.7	0.504	0.47	20.53	42,700	3.2	15.90	17.18	19.71	23.72	27.27	33,060	35,740	40,990	49,330	56,720
21-1093	Social and Human Service Assistants	detailed	170	3.4	2.839	1.05	15.80	32,870	1.9	9.36	11.84	15.65	19.31	22.82	19,460	24,630	32,540	40,160	47,460
21-1094	Community Health Workers	detailed	40	6.3	0.661	2.26	8.62	17,920	5.0	7.60	8.00	8.68	9.35	10.72	15,810	16,650	18,040	19,450	22,290
21-2011	Clergy	detailed	**	**	**	**	12.97	26,980	7.0	8.33	11.94	13.19	14.37	15.10	17,320	24,830	27,440	29,890	31,400
23-0000	Legal Occupations	major	320	12.0	5.186	0.66	27.15	56,470	5.9	10.16	14.87	21.79	38.97	50.78	21,140	30,930	45,310	81,060	105,620
23-1011	Lawyers	detailed	120	16.2	1.970	0.44	40.33	83,880	1.6	23.00	32.03	40.04	45.24	60.78	47,830	66,630	83,280	94,090	126,430



OCC_C ODE	OCC_TITLE	OCC GROUP	TOT EMP	EMP PRSE	JOBS 1000	LOC Q	H MEAN	A MEAN	MEAN PRSE	H PCT10	H PCT25	H MEDIA N	H PCT75	H PCT90	A PCT10	A PCT25	A MEDIAN	A PCT75	A PCT90	
23-2011	Paralegals and Legal Assistants	detailed	30	15.8	0.494	0.24	22.07	45,910	4.4	15.02	17.19	22.61	26.85	29.44	31,230	35,760	47,030	55,850	61,230	
23-2093	Title Examiners, Abstractors, and Searchers	detailed	70	42.5	1.132	2.99	13.77	28,640	3.1	8.08	9.02	13.19	17.03	22.70	16,800	18,750	27,440	35,410	47,210	
25-0000	Education, Training, and Library Occupations	major	4,290	0.7	70.325	1.09	*	*	*	*	*	*	*	*	*	*	*	*	*	
25-1123	English Language and Literature Teachers, Postsecondary	detailed	50	2.4	0.763	1.37	*	53,110	1.5	*	*	*	*	*	34,510	41,480	48,830	62,820	76,530	
25-1194	Vocational Education Teachers, Postsecondary	detailed	40	0.0	0.686	0.73	20.49	42,620	2.1	8.65	16.42	21.17	26.03	30.22	17,990	34,140	44,040	54,140	62,850	
25-2011	Preschool Teachers, Except Special Education	detailed	70	11.9	1.187	0.45	12.58	26,180	5.4	7.80	8.55	10.86	16.53	19.00	16,230	17,780	22,580	34,380	39,510	
25-2012	Kindergarten Teachers, Except Special Education	detailed	120	5.4	1.950	1.61	*	*	*	*	*	*	*	*	*	*	*	*	*	
25-2022	Middle School Teachers, Except Special and Career/Technical Education	detailed	110	13.7	1.724	0.36	*	25,580	3.1	*	*	*	*	*	16,910	19,420	24,820	29,340	35,500	
25-4021	Librarians	detailed	40	9.0	0.690	0.64	21.30	44,310	2.9	8.99	15.46	20.24	27.65	34.02	18,700	32,170	42,100	57,510	70,770	
25-4031	Library Technicians	detailed	60	2.7	0.914	1.19	13.20	27,460	1.6	9.44	10.70	13.12	16.01	17.71	19,640	22,250	27,300	33,300	36,840	
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	major	630	8.1	10.319	0.77	14.15	29,430	4.5	7.97	8.78	11.98	17.23	23.86	16,590	18,260	24,920	35,840	49,620	
27-1023	Floral Designers	detailed	30	36.7	0.566	1.56	9.69	20,150	5.4	7.87	8.37	9.21	11.17	13.38	16,370	17,420	19,160	23,230	27,820	
27-1024	Graphic Designers	detailed	50	15.0	0.894	0.61	14.50	30,170	4.5	9.89	11.09	13.26	16.89	22.58	20,570	23,070	27,580	35,130	46,960	
27-3011	Radio and Television Announcers	detailed	80	16.7	1.333	5.54	10.91	22,690	4.7	7.64	8.08	8.82	12.90	17.33	15,890	16,810	18,350	26,830	36,050	
27-3022	Reporters and Correspondents	detailed	30	12.3	0.508	1.45	15.77	32,810	2.5	10.30	12.55	14.79	18.06	23.80	21,430	26,090	30,760	37,570	49,490	
27-4011	Audio and Video Equipment Technicians	detailed	50	0.0	0.779	1.87	9.92	20,620	3.5	7.67	8.15	8.95	10.96	14.01	15,960	16,960	18,620	22,790	29,140	
27-4012	Broadcast Technicians	detailed	30	0.0	0.567	2.34	10.79	22,450	3.1	7.75	8.20	8.95	15.17	18.09	16,120	17,050	18,610	31,560	37,620	
27-4021	Photographers	detailed	40	22.7	0.731	1.70	11.71	24,370	10.4	7.92	8.57	9.55	13.33	20.65	16,470	17,820	19,860	27,730	42,950	
27-4031	Camera Operators, Television, Video, and Motion Picture	detailed	30	18.2	0.541	4.30	12.02	24,990	4.0	8.54	10.26	12.31	13.87	14.84	17,770	21,340	25,610	28,850	30,860	
29-0000	Healthcare Practitioners and Technical Occupations	major	1,710	4.6	28.112	0.48	28.07	58,390	6.1	10.26	13.54	19.78	30.30	51.50	21,330	28,170	41,140	63,010	107,130	
29-1031	Dietitians and Nutritionists	detailed	40	2.9	0.697	1.56	16.78	34,910	2.8	8.99	10.81	14.14	23.08	27.84	18,700	22,480	29,410	48,010	57,910	
29-1051	Pharmacists	detailed	60	18.6	0.940	0.43	39.98	83,160	10.1	22.32	26.18	42.85	52.63	57.27	46,430	54,450	89,130	109,470	119,110	
29-1062	Family and General Practitioners	detailed	60	5.0	0.907	1.07	88.32	183,710	12.7	33.84	61.37	87.42	#	#	70,390	127,650	181,830	#	#	
29-1069	Physicians and Surgeons, All Other	detailed	40	5.3	0.669	0.28	*	*	*	*	*	*	*	*	*	*	*	*	*	*
29-1141	Registered Nurses	detailed	460	2.3	7.592	0.38	25.75	53,560	1.6	17.05	20.02	25.45	30.81	35.73	35,470	41,630	52,940	64,080	74,310	
29-2012	Medical and Clinical Laboratory Technicians	detailed	100	15.7	1.660	1.37	12.92	26,870	2.6	9.73	10.56	12.04	14.52	18.04	20,240	21,960	25,050	30,210	37,520	
29-2021	Dental Hygienists	detailed	**	**	**	**	16.61	34,560	7.0	12.38	13.65	15.95	18.28	22.50	25,750	28,390	33,180	38,030	46,790	
29-2034	Radiologic Technologists	detailed	50	10.9	0.868	0.58	19.43	40,410	2.1	11.48	13.56	17.14	23.02	32.46	23,880	28,200	35,650	47,890	67,520	
29-2041	Emergency Medical Technicians and Paramedics	detailed	40	4.4	0.676	0.38	12.73	26,480	3.0	10.29	11.24	12.30	13.74	15.58	21,400	23,390	25,590	28,590	32,410	



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29-2052	Pharmacy Technicians	detailed	120	38.1	2,017	0.74	11.83	24,610	6.9	8.40	9.69	11.13	13.56	17.15	17,460	20,150	23,140	28,190	35,680
29-2061	Licensed Practical and Licensed Vocational Nurses	detailed	100	5.6	1,573	0.29	17.60	36,600	1.5	12.87	14.40	17.53	20.92	22.88	26,760	29,960	36,460	43,510	47,600
29-2071	Medical Records and Health Information Technicians	detailed	110	7.7	1,770	1.26	11.88	24,710	3.9	7.97	8.71	10.82	14.47	18.24	16,590	18,130	22,500	30,100	37,940
29-9011	Occupational Health and Safety Specialists	detailed	50	0.0	0,887	1.94	25.24	52,490	1.4	16.03	18.96	24.33	29.66	35.29	33,340	39,430	50,610	61,680	73,400
31-0000	Healthcare Support Occupations	major	720	14.0	11,863	0.39	12.11	25,190	2.8	8.23	9.42	11.23	13.72	16.83	17,110	19,600	23,360	28,540	35,000
31-9011	Massage Therapists	detailed	100	47.5	1,637	3.00	9.84	20,460	5.7	7.78	8.31	9.21	11.70	13.46	16,180	17,290	19,150	24,340	28,000
31-9091	Dental Assistants	detailed	150	29.5	2,409	1.05	14.15	29,440	6.7	8.38	9.72	11.80	17.68	24.58	17,430	20,220	24,550	36,760	51,120
31-9092	Medical Assistants	detailed	130	14.9	2,165	0.51	10.80	22,460	3.2	8.00	8.90	10.48	12.56	14.53	16,640	18,510	21,800	26,130	30,220
33-0000	Protective Service Occupations	major	2,710	0.7	44,428	1.80	15.40	32,040	6.0	7.95	8.71	14.01	20.70	25.70	16,530	18,110	29,140	43,050	53,460
33-9032	Security Guards	detailed	1,120	1.8	18,446	2.30	8.54	17,760	3.8	7.67	8.01	8.57	9.14	9.51	15,950	16,660	17,830	19,010	19,770
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	detailed	90	0.0	1,496	1.55	8.83	18,370	2.2	7.62	7.99	8.61	9.23	11.11	15,860	16,630	17,910	19,200	23,120
33-9093	Transportation Security Screeners	detailed	170	0.0	2,723	7.52	16.56	34,450	*	14.00	14.01	16.38	18.46	20.41	29,130	29,140	34,060	38,390	42,460
35-0000	Food Preparation and Serving Related Occupations	major	6,430	4.9	105,427	1.19	8.69	18,080	1.1	7.62	7.97	8.55	9.14	10.41	15,840	16,570	17,790	19,010	21,650
35-1011	Chefs and Head Cooks	detailed	170	13.9	2,860	3.83	15.69	32,640	3.8	8.65	11.20	14.18	18.57	24.32	17,990	23,290	29,500	38,620	50,580
35-1012	First-line Supervisors of Food Preparation and Serving Workers	detailed	370	9.3	6,116	0.97	10.24	21,300	2.5	7.79	8.44	9.64	11.49	14.36	16,200	17,560	20,050	23,900	29,860
35-2011	Cooks, Fast Food	detailed	240	22.5	3,980	1.03	8.09	16,830	4.2	7.55	7.86	8.39	8.91	9.22	15,700	16,350	17,440	18,530	19,180
35-2012	Cooks, Institution and Cafeteria	detailed	160	4.8	2,603	0.86	10.24	21,300	2.4	8.00	8.96	10.28	11.33	12.63	16,650	18,640	21,390	23,560	26,260
35-2014	Cooks, Restaurant	detailed	810	14.4	13,294	1.73	8.64	17,960	1.7	7.63	8.00	8.61	9.23	10.47	15,880	16,640	17,920	19,190	21,780
35-2015	Cooks, Short Order	detailed	70	13.2	1,160	0.93	8.37	17,410	4.7	7.60	7.96	8.55	9.15	10.02	15,800	16,550	17,790	19,030	20,840
35-2021	Food Preparation Workers	detailed	1,060	14.0	17,380	2.88	8.38	17,430	2.2	7.61	7.94	8.49	9.04	9.41	15,830	16,520	17,660	18,800	19,570
35-3011	Bartenders	detailed	140	20.8	2,355	0.57	8.13	16,910	2.0	7.61	7.92	8.44	8.95	9.26	15,830	16,470	17,540	18,620	19,270
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	detailed	980	28.7	16,019	0.71	8.15	16,950	2.8	7.59	7.91	8.43	8.96	9.28	15,800	16,450	17,540	18,630	19,300
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	detailed	80	36.3	1,384	0.42	8.12	16,890	3.5	7.58	7.90	8.42	8.94	9.26	15,780	16,430	17,520	18,600	19,260
35-3031	Waiters and Waitresses	detailed	1,610	20.3	26,466	1.48	8.41	17,490	3.0	7.61	7.94	8.49	9.03	9.39	15,830	16,510	17,650	18,790	19,530
35-3041	Food Servers, Nonrestaurant	detailed	**	**	**	**	8.48	17,640	5.4	7.57	7.93	8.53	9.13	10.39	15,740	16,490	17,740	18,990	21,610
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	detailed	70	8.2	1,109	0.37	8.11	16,860	2.9	7.62	7.93	8.44	8.95	9.26	15,850	16,490	17,550	18,610	19,250
35-9021	Dishwashers	detailed	390	8.2	6,467	1.68	8.10	16,840	1.5	7.56	7.87	8.39	8.90	9.21	15,730	16,370	17,440	18,510	19,150

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35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	detailed	150	17.1	2.527	0.96	8.14	16,920	2.4	7.57	7.88	8.39	8.91	9.22	15,740	16,390	17,460	18,530	19,170
37-0000	Building and Grounds Cleaning and Maintenance Occupations	major	3,110	4.5	51.001	1.56	9.20	19,130	1.7	7.63	8.02	8.67	9.34	12.71	15,870	16,680	18,040	19,440	26,440
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	detailed	200	4.5	3.351	2.56	11.79	24,510	2.1	7.83	8.52	10.03	14.43	19.43	16,290	17,730	20,860	30,010	40,410
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	detailed	40	8.9	0.646	0.85	17.32	36,030	5.7	8.61	11.11	13.59	19.35	27.94	17,910	23,120	28,270	40,250	58,120
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	detailed	1,290	5.2	21.104	1.31	9.48	19,720	2.5	7.66	8.09	8.81	10.47	13.57	15,930	16,830	18,320	21,780	28,220
37-2012	Maids and Housekeeping	detailed	1,000	3.2	16.417	2.39	8.24	17,150	1.6	7.59	7.91	8.44	8.98	9.31	15,790	16,450	17,560	18,670	19,370
37-3011	Landscaping and Groundskeeping Workers	detailed	540	20.5	8.840	1.39	8.61	17,900	2.4	7.59	7.94	8.53	9.11	10.56	15,790	16,520	17,740	18,960	21,960
39-0000	Personal Care and Service Occupations	major	1,660	11.1	27.219	0.93	10.72	22,300	4.7	7.71	8.20	9.02	10.94	19.43	16,030	17,060	18,760	22,760	40,410
39-1021	First-Line Supervisors of Personal Service Workers	detailed	50	3.2	0.876	0.80	20.88	43,430	1.9	12.54	16.02	20.54	25.99	29.28	26,090	33,330	42,730	54,070	60,890
39-3091	Amusement and Recreation Attendants	detailed	160	11.0	2.652	1.35	8.27	17,210	3.0	7.61	7.94	8.48	9.02	9.35	15,830	16,500	17,630	18,760	19,440
39-5012	Hairdressers, Hairstylists, and Cosmetologists	detailed	**	**	**	**	9.14	19,010	9.5	7.65	8.10	8.84	9.96	11.13	15,910	16,840	18,380	20,730	23,150
39-6011	Baggage Porters and Bellhops	detailed	270	1.1	4.509	14.51	13.79	28,680	5.6	7.78	8.37	9.39	20.55	22.30	16,180	17,410	19,530	42,750	46,380
39-6012	Concierges	detailed	50	12.9	0.881	4.43	10.28	21,370	1.6	7.79	8.46	9.87	12.40	13.86	16,210	17,610	20,540	25,790	28,830
39-7011	Tour Guides and Escorts	detailed	110	11.8	1.832	7.63	9.43	19,620	2.9	7.67	8.11	8.85	10.37	13.45	15,960	16,870	18,400	21,560	27,980
39-9011	Childcare Workers	detailed	220	9.1	3.547	0.74	8.14	16,920	3.8	7.64	7.95	8.46	8.98	9.28	15,900	16,540	17,610	18,670	19,310
39-9021	Personal Care Aides	detailed	**	**	**	**	10.11	21,030	4.8	7.95	8.84	10.08	11.11	11.88	16,530	18,390	20,960	23,100	24,710
39-9032	Recreation Workers	detailed	230	23.6	3.782	1.59	11.40	23,710	20.1	7.63	8.05	8.76	9.91	29.70	15,870	16,750	18,210	20,620	61,770
41-0000	Sales and Related Occupations	major	4,270	4.3	70.062	0.66	10.34	21,520	1.8	7.80	8.28	9.08	11.22	14.57	16,220	17,210	18,880	23,340	30,300
41-1011	First-Line Supervisors of Retail Sales Workers	detailed	330	14.2	5.393	0.58	12.55	26,110	4.3	8.24	9.50	12.00	14.70	18.15	17,130	19,760	24,960	30,580	37,760
41-1012	First-Line Supervisors of Non-Retail Sales Workers	detailed	90	30.9	1.530	0.82	16.36	34,030	5.5	10.16	11.23	15.26	19.24	26.39	21,130	23,360	31,750	40,020	54,900
41-2011	Cashiers	detailed	1,710	10.2	28.042	1.10	8.79	18,280	2.4	7.69	8.06	8.68	9.32	11.21	15,990	16,770	18,050	19,380	23,320
41-2021	Counter and Rental Clerks	detailed	150	36.4	2.444	0.74	9.03	18,780	2.7	7.71	8.11	8.79	9.61	11.24	16,030	16,870	18,280	19,980	23,380
41-2022	Parts Salespersons	detailed	60	8.5	1.005	0.60	9.38	19,510	3.8	7.66	8.07	8.76	9.84	13.57	15,930	16,790	18,230	20,470	28,230
41-2031	Retail Salespersons	detailed	1,360	12.4	22.326	0.67	10.19	21,200	2.2	7.86	8.33	9.13	11.23	14.21	16,340	17,330	18,980	23,350	29,560
41-3011	Advertising Sales Agents	detailed	60	15.4	1.063	0.95	13.73	28,560	2.5	8.65	10.42	12.94	15.42	21.38	17,980	21,680	26,910	32,080	44,480
41-3021	Insurance Sales Agents	detailed	50	34.9	0.761	0.29	15.37	31,960	15.3	7.95	8.75	11.12	23.89	31.47	16,530	18,190	23,130	49,680	65,470
41-3041	Travel Agents	detailed	120	23.2	1.950	3.93	12.89	26,810	2.9	8.54	10.16	12.42	14.81	17.75	17,770	21,130	25,830	30,810	36,910

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41-3099	Sales Representatives, Services, All Other	detailed	50	9.8	0.799	0.15	24.47	50,890	16.1	8.22	9.44	14.64	22.75	58.10	17,090	19,640	30,450	47,320	120,850
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	detailed	160	16.5	2.660	0.25	10.57	21,980	2.9	8.01	8.75	9.99	11.52	14.99	16,670	18,200	20,770	23,960	31,180
41-9011	Demonstrators and Product Promoters	detailed	50	20.3	0.851	1.52	9.42	19,590	4.3	7.82	8.22	8.89	9.67	13.71	16,270	17,100	18,490	20,120	28,510
43-0000	Office and Administrative Support Occupations	major	10,890	1.9	178.636	1.09	13.04	27,110	2.1	8.00	8.89	11.45	16.18	21.17	16,630	18,490	23,810	33,650	44,020
43-1011	First-Line Supervisors of Office and Administrative Support Workers	detailed	730	4.8	11.950	1.15	19.23	39,990	2.6	10.88	13.14	17.91	23.69	28.93	22,630	27,340	37,250	49,270	60,170
43-2011	Switchboard Operators, Including Answering Service	detailed	80	1.3	1.271	1.32	10.06	20,920	2.7	7.76	8.22	8.99	10.74	16.60	16,150	17,110	18,710	22,350	34,520
43-3011	Bill and Account Collectors	detailed	130	8.4	2.165	0.73	11.67	24,280	2.2	8.02	8.94	10.95	13.82	16.89	16,680	18,600	22,780	28,750	35,140
43-3021	Billing and Posting Clerks	detailed	210	10.9	3.390	0.90	12.28	25,550	5.4	8.18	9.27	11.25	14.39	19.33	17,010	19,280	23,400	29,930	40,200
43-3031	Bookkeeping, Accounting, and Auditing Clerks	detailed	810	4.8	13.353	1.08	12.71	26,440	1.6	8.17	9.27	11.96	15.13	19.04	16,980	19,290	24,870	31,470	39,590
43-3051	Payroll and Timekeeping Clerks	detailed	110	8.7	1.820	1.37	13.95	29,010	2.8	9.01	10.77	13.69	16.89	18.95	18,730	22,410	28,470	35,130	39,410
43-3061	Procurement Clerks	detailed	80	3.0	1.361	2.54	16.12	33,540	5.2	9.33	11.48	17.56	19.57	21.76	19,400	23,870	36,530	40,710	45,260
43-3071	Tellers	detailed	240	1.6	3.990	0.96	10.61	22,070	1.6	8.00	8.91	10.37	12.20	13.95	16,640	18,530	21,560	25,370	29,020
43-4051	Customer Service Representatives	detailed	1,340	4.3	21.944	1.24	10.36	21,550	3.2	7.69	8.23	9.13	12.47	14.98	16,000	17,120	18,990	25,940	31,170
43-4071	File Clerks	detailed	40	11.0	0.699	0.57	8.94	18,600	2.3	7.65	8.07	8.76	9.70	11.55	15,920	16,790	18,230	20,190	24,010
43-4081	Hotel, Motel, and Resort Desk Clerks	detailed	240	7.6	4.003	2.28	8.72	18,130	1.7	7.67	8.04	8.65	9.25	10.76	15,960	16,720	17,980	19,250	22,390
43-4131	Loan Interviewers and Clerks	detailed	80	15.5	1.348	0.91	12.68	26,370	2.5	9.33	10.48	12.38	14.34	17.24	19,410	21,800	25,760	29,820	35,860
43-4141	New Accounts Clerks	detailed	50	0.0	0.774	1.82	12.42	25,840	2.2	9.75	10.46	11.74	13.77	16.49	20,270	21,760	24,420	28,650	34,290
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	detailed	70	3.7	1.079	1.01	14.84	30,860	2.6	8.96	10.84	13.92	17.54	23.61	18,640	22,550	28,960	36,480	49,110
43-4171	Receptionists and Information Clerks	detailed	270	9.6	4.433	0.60	10.26	21,330	3.9	7.82	8.38	9.32	11.61	15.23	16,270	17,430	19,380	24,150	31,670
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	detailed	420	6.4	6.837	6.55	15.88	33,030	6.7	8.30	10.19	16.75	21.23	22.81	17,270	21,200	34,850	44,160	47,440
43-5011	Cargo and Freight Agents	detailed	80	20.0	1.243	2.06	17.50	36,400	12.9	8.79	11.74	20.09	22.03	23.13	18,280	24,420	41,780	45,830	48,110
43-5021	Couriers and Messengers	detailed	130	6.0	2.132	3.62	10.65	22,150	4.8	7.74	8.27	9.15	12.81	16.23	16,090	17,200	19,040	26,650	33,760
43-5032	Dispatchers, Except Police, Fire, and Ambulance	detailed	120	4.2	1.924	1.36	14.42	29,990	4.3	8.13	9.20	13.69	17.84	21.63	16,900	19,140	28,470	37,100	45,000
43-5051	Postal Service Clerks	detailed	30	0.0	0.558	1.05	24.03	49,980	*	22.08	23.80	25.52	25.53	25.54	45,940	49,510	53,090	53,100	53,120
43-5052	Postal Service Mail Carriers	detailed	30	0.0	0.508	0.22	26.16	54,420	*	22.16	25.33	27.16	27.17	27.17	46,090	52,680	56,500	56,510	56,510
43-5061	Production, Planning, and Expediting Clerks	detailed	700	5.5	11.489	5.37	18.16	37,770	2.3	11.74	13.85	17.68	22.03	26.30	24,420	28,800	36,770	45,820	54,700
43-5071	Shipping, Receiving, and Traffic Clerks	detailed	190	4.0	3.157	0.60	13.05	27,140	4.7	7.79	8.48	11.04	18.96	19.67	16,210	17,650	22,960	39,440	40,910

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43-5081	Stock Clerks and Order Fillers	detailed	1,180	9.6	19,386	1.40	10.17	21,150	2.5	7.71	8.18	8.97	10.99	16.80	16,040	17,020	18,650	22,850	34,930
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	detailed	50	2.9	0.900	1.68	12.97	26,980	7.7	8.31	9.52	13.18	16.01	17.75	17,290	19,800	27,420	33,300	36,920
43-6011	Executive Secretaries and Executive Administrative Assistants	detailed	1,040	6.8	17,062	2.77	15.15	31,510	2.9	9.80	11.09	13.85	17.99	22.99	20,390	23,070	28,810	37,410	47,810
43-6012	Legal Secretaries	detailed	40	2.4	0.697	0.42	14.73	30,630	4.7	10.06	11.65	14.87	17.38	19.78	20,930	24,230	30,920	36,160	41,140
43-6013	Medical Secretaries	detailed	40	28.4	0.728	0.19	12.22	25,420	4.5	8.13	9.01	11.33	14.16	20.36	16,920	18,740	23,570	29,450	42,350
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	detailed	320	7.1	5.312	0.33	14.22	29,580	2.4	8.88	10.62	13.55	17.49	21.04	18,470	22,090	28,190	36,370	43,760
43-9011	Computer Operators	detailed	80	1.3	1.268	2.31	15.02	31,230	1.5	10.22	12.03	15.42	17.83	19.75	21,260	25,030	32,060	37,080	41,080
43-9021	Data Entry Keyers	detailed	160	10.9	2.626	1.65	10.13	21,070	2.4	7.79	8.43	9.62	11.61	13.92	16,200	17,540	20,020	24,140	28,960
43-9041	Insurance Claims and Policy Processing Clerks	detailed	60	7.9	0.994	0.57	12.75	26,510	1.9	8.43	9.96	12.12	14.63	17.62	17,530	20,720	25,220	30,420	36,640
43-9061	Office Clerks, General	detailed	1,080	6.9	17,791	0.83	9.78	20,350	1.3	7.76	8.26	9.08	10.91	13.89	16,150	17,170	18,890	22,690	28,890
47-0000	Construction and Extraction Occupations	major	5,370	2.6	88,119	2.31	13.66	28,420	1.3	9.17	11.92	13.32	14.81	17.92	19,070	24,800	27,710	30,800	37,270
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	detailed	240	8.7	3,912	1.12	20.84	43,350	3.5	13.06	15.68	18.43	23.25	31.10	27,160	32,610	38,330	48,360	64,690
47-2031	Carpenters	detailed	1,450	7.9	23,702	5.44	13.83	28,780	1.7	12.03	12.61	13.57	14.54	16.67	25,030	26,230	28,230	30,240	34,670
47-2051	Cement Masons and Concrete Finishers	detailed	920	8.6	15,084	14.54	13.39	27,860	1.6	12.00	12.51	13.34	14.18	14.74	24,970	26,010	27,750	29,480	30,660
47-2061	Construction Laborers	detailed	710	8.5	11,672	1.87	9.70	20,180	2.6	7.75	8.30	9.22	11.26	13.25	16,120	17,260	19,180	23,420	27,560
47-2073	Operating Engineers and Other Construction Equipment Operators	detailed	110	14.0	1,878	0.73	14.17	29,480	1.8	10.90	12.21	13.58	15.40	17.86	22,660	25,400	28,240	32,030	37,150
47-2111	Electricians	detailed	530	4.9	8,689	2.18	16.59	34,510	2.4	11.77	13.76	16.37	19.13	22.16	24,480	28,620	34,050	39,790	46,090
47-2141	Painters, Construction and Maintenance	detailed	190	7.1	3,090	2.18	14.28	29,690	1.6	11.74	12.55	13.90	16.10	18.03	24,410	26,110	28,910	33,500	37,490
47-2152	Plumbers, Pipefitters, and Steamfitters	detailed	190	8.9	3,170	1.21	15.79	32,840	2.1	12.22	13.65	15.77	17.61	19.51	25,410	28,390	32,810	36,640	40,580
47-2161	Plasterers and Stucco Masons	detailed	50	45.7	0.863	5.34	14.44	30,030	13.4	10.17	11.60	13.35	16.05	21.54	21,160	24,120	27,770	33,380	44,800
47-2171	Reinforcing Iron and Rebar Workers	detailed	190	10.0	3,147	26.75	12.98	26,990	1.7	11.61	12.20	13.07	13.95	14.48	24,140	25,370	27,190	29,020	30,110
47-2211	Sheet Metal Workers	detailed	70	10.4	1,141	1.11	15.25	31,730	4.2	11.72	12.98	15.06	17.24	18.68	24,370	27,010	31,320	35,860	38,850
47-2221	Structural Iron and Steel Workers	detailed	80	13.5	1,309	2.99	13.23	27,510	1.8	11.61	12.26	13.21	14.16	14.87	24,150	25,510	27,470	29,440	30,920
47-3012	Helpers--Carpenters	detailed	**	**	**	**	9.18	19,090	3.4	7.71	8.28	9.23	10.46	11.22	16,030	17,220	19,190	21,760	23,350
47-3013	Helpers--Electricians	detailed	100	38.2	1,720	3.76	10.79	22,440	4.3	8.13	9.19	10.77	12.56	13.89	16,920	19,120	22,400	26,130	28,890
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	detailed	70	15.1	1,197	3.35	9.19	19,120	2.9	7.70	8.27	9.22	10.48	11.22	16,010	17,200	19,180	21,790	23,340

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47-4011	Construction and Building Inspectors	detailed	50	14.9	0.887	1.29	21.23	44,160	3.3	15.61	18.15	20.93	23.75	27.79	32.470	37,750	43,520	49,390	57,800
49-0000	Installation, Maintenance, and Repair Occupations	major	3,430	3.1	56.215	1.44	14.42	30,000	2.2	8.35	9.74	12.71	18.01	23.38	17,370	20,260	26,440	37,450	48,620
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	detailed	250	3.3	4.120	1.27	22.86	47,560	3.3	13.16	16.39	21.18	28.16	36.06	27,360	34,090	44,060	58,560	75,000
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	detailed	110	2.0	1.755	1.10	18.29	38,040	2.3	12.26	15.31	18.18	21.92	23.72	25,500	31,840	37,810	45,590	49,340
49-2098	Security and Fire Alarm Systems Installers	detailed	60	4.5	0.971	2.34	12.67	26,350	1.5	8.17	9.52	12.63	15.42	17.80	16,990	19,800	26,260	32,080	37,030
49-3011	Aircraft Mechanics and Service Technicians	detailed	100	4.0	1.712	1.87	25.50	53,040	4.0	18.78	24.22	26.29	28.36	29.64	39,060	50,380	54,690	58,990	61,650
49-3021	Automotive Body and Related Repairers	detailed	80	18.2	1.392	1.34	12.83	26,690	6.5	8.22	9.39	12.55	16.60	18.01	17,100	19,530	26,110	34,530	37,450
49-3023	Automotive Service Technicians and Mechanics	detailed	210	13.6	3.511	0.77	13.36	27,780	4.5	8.12	9.32	12.67	16.51	20.88	16,880	19,380	26,360	34,350	43,430
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	detailed	70	12.2	1.210	0.69	13.97	29,050	3.1	10.08	11.42	13.58	16.26	18.62	20,970	23,760	28,250	33,810	38,720
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	detailed	210	6.7	3.511	4.15	17.21	35,790	2.4	11.07	14.15	17.63	20.84	22.73	23,020	29,420	36,660	43,340	47,280
49-3093	Tire Repairers and Changers	detailed	40	16.4	0.592	0.80	10.12	21,040	10.2	7.86	8.37	9.23	12.73	13.96	16,340	17,410	19,190	26,470	29,050
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	detailed	200	21.7	3.242	1.76	15.59	32,430	4.4	10.17	11.45	14.61	18.62	23.47	21,160	23,810	30,380	38,730	48,830
49-9041	Industrial Machinery Mechanics	detailed	90	1.8	1.519	0.66	19.80	41,190	4.9	13.71	16.49	20.01	22.80	26.30	28,520	34,300	41,620	47,430	54,710
49-9052	Telecommunications Line Installers and Repairers	detailed	70	13.4	1.182	1.16	16.81	34,960	2.3	11.83	13.65	16.57	19.88	23.06	24,620	28,390	34,470	41,350	47,970
49-9071	Maintenance and Repair Workers, General	detailed	1,390	5.5	22.876	2.42	11.70	24,340	2.2	8.02	8.90	10.55	13.46	17.82	16,680	18,510	21,950	27,990	37,060
49-9098	Helpers--Installation, Maintenance, and Repair Workers	detailed	270	18.8	4.397	4.61	10.24	21,290	2.6	7.99	8.79	10.14	11.49	13.38	16,610	18,270	21,090	23,900	27,840
49-9099	Installation, Maintenance, and Repair Workers, All Other	detailed	30	0.0	0.530	0.54	21.96	45,680	2.9	12.91	17.56	23.47	25.36	26.31	26,860	36,520	48,820	52,750	54,720
51-0000	Production Occupations	major	1,720	4.7	28.258	0.43	13.31	27,690	3.9	7.88	8.63	10.90	17.28	22.08	16,380	17,940	22,670	35,940	45,930
51-1011	First-Line Supervisors of Production and Operating Workers	detailed	110	14.5	1.853	0.42	21.25	44,190	7.7	8.29	9.60	23.11	29.08	34.22	17,240	19,970	48,070	60,480	71,180
51-3011	Bakers	detailed	160	9.8	2.550	2.11	9.08	18,880	1.8	7.75	8.24	9.06	10.13	11.12	16,110	17,140	18,850	21,080	23,130
51-3021	Butchers and Meat Cutters	detailed	100	23.2	1.638	1.59	11.24	23,380	11.0	7.70	8.19	9.01	13.02	20.81	16,010	17,030	18,740	27,070	43,290
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	detailed	30	41.6	0.505	0.42	10.20	21,220	6.1	7.76	8.41	9.67	11.55	14.28	16,150	17,500	20,120	24,020	29,710
51-4041	Machinists	detailed	50	4.1	0.823	0.28	16.61	34,540	3.1	13.52	15.46	16.76	18.07	18.97	28,120	32,160	34,870	37,580	39,470

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51-4121	Welders, Cutters, Solderers, and Brazers	detailed	230	8.4	3.846	1.52	16.80	34,940	2.4	12.50	14.82	16.56	18.30	21.58	26,010	30,820	34,450	38,070	44,880
51-6011	Laundry and Dry-Cleaning Workers	detailed	200	16.3	3.328	2.18	8.04	16,730	3.2	7.54	7.85	8.36	8.86	9.17	15,690	16,320	17,380	18,440	19,070
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	detailed	30	36.9	0.499	0.14	12.74	26,490	7.8	9.23	9.91	10.94	14.34	20.86	19,190	20,610	22,760	29,830	43,390
51-9122	Painters, Transportation Equipment	detailed	30	30.5	0.551	1.55	12.72	26,460	7.3	10.03	10.80	11.93	13.74	16.13	20,850	22,460	24,820	28,570	33,550
51-9198	Helpers--Production Workers	detailed	120	9.0	2.004	0.62	9.75	20,280	4.1	7.85	8.46	9.48	10.66	11.43	16,330	17,590	19,710	22,180	23,780
53-0000	Transportation and Material Moving Occupations	major	3,470	3.6	56.896	0.85	14.35	29,840	7.5	7.92	8.66	10.78	15.30	27.63	16,460	18,000	22,410	31,830	57,470
53-1021	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	detailed	50	25.2	0.751	0.58	19.99	41,580	3.6	14.91	16.81	19.45	22.06	27.31	31,010	34,970	40,450	45,890	56,800
53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	detailed	120	9.7	1.983	1.31	18.50	38,480	5.3	10.30	12.39	14.97	24.53	30.53	21,410	25,770	31,140	51,030	63,510
53-3021	Bus Drivers, Transit and Intercity	detailed	250	10.4	4.067	3.25	9.42	19,590	3.8	7.77	8.26	9.09	10.76	12.47	16,150	17,180	18,900	22,380	25,940
53-3031	Driver/Sales Workers	detailed	320	11.8	5.178	1.71	9.13	19,000	3.1	7.67	8.11	8.85	10.15	11.68	15,950	16,870	18,410	21,100	24,300
53-3032	Heavy and Tractor-Trailer Truck Drivers	detailed	650	8.7	10.677	0.89	12.74	26,510	2.1	9.15	10.57	12.56	14.41	17.07	19,030	21,980	26,130	29,980	35,510
53-3033	Light Truck or Delivery Services Drivers	detailed	390	9.8	6.329	1.07	9.56	19,890	2.7	7.71	8.17	8.93	10.55	13.61	16,040	16,990	18,580	21,950	28,310
53-3041	Taxi Drivers and Chauffeurs	detailed	100	8.5	1.606	1.25	8.54	17,760	2.5	7.67	8.02	8.60	9.18	9.85	15,950	16,680	17,880	19,090	20,490
53-6031	Automotive and Watercraft Service Attendants	detailed	80	16.2	1.246	1.50	8.14	16,940	3.5	7.64	7.95	8.46	8.98	9.29	15,900	16,540	17,600	18,670	19,330
53-7021	Crane and Tower Operators	detailed	40	2.8	0.720	2.18	19.29	40,110	2.9	15.43	16.82	18.84	21.28	22.82	32,090	34,980	39,180	44,250	47,460
53-7032	Excavating and Loading Machine and Dragline Operators	detailed	80	11.6	1.361	3.94	14.18	29,490	1.7	10.33	11.70	13.91	16.52	18.38	21,490	24,330	28,940	34,370	38,240
53-7051	Industrial Truck and Tractor Operators	detailed	80	14.7	1.366	0.36	15.47	32,190	3.7	10.43	11.84	15.34	18.27	21.08	21,690	24,620	31,900	37,990	43,840
53-7061	Cleaners of Vehicles and Equipment	detailed	220	18.5	3.659	1.57	8.27	17,200	2.3	7.68	8.00	8.53	9.07	9.41	15,970	16,630	17,740	18,850	19,560
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	detailed	240	7.9	3.877	0.24	11.49	23,910	3.4	7.80	8.39	9.42	15.52	18.15	16,220	17,460	19,590	32,280	37,750
53-7064	Packers and Packagers, Hand	detailed	120	35.7	1.934	0.38	8.14	16,920	3.6	7.65	7.96	8.47	8.98	9.29	15,910	16,550	17,610	18,680	19,330
53-7081	Refuse and Recyclable Material Collectors	detailed	50	12.8	0.787	0.87	9.25	19,230	2.7	7.75	8.22	9.01	10.23	11.40	16,120	17,100	18,750	21,290	23,720