

## Occupational Employment and Wage Statistics

# May 2024 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 OEWS 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 [Educational Instruction 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 (SOC code)	Employment <a href="#">(1)</a>	Employment percent relative standard error <a href="#">(3)</a>	Hourly mean wage	Annual mean wage <a href="#">(2)</a>	Wage percent relative standard error <a href="#">(3)</a>	Hourly median wage	Annual median wage <a href="#">(2)</a>	Employment per 1,000 jobs	Location Quotient
All Occupations (00-0000)	62,120	0.0	\$21.39	\$44,480	0.8	\$16.83	\$35,000	1,000.000	1.00
Management Occupations (11-0000)	5,780	3.2	\$39.51	\$82,180	1.2	\$35.20	\$73,220	93.036	1.31
Chief Executives (11-1011)	320	8.0	\$63.10	\$131,250	6.3	\$51.20	\$106,500	5.077	3.70
General and Operations Managers (11-1021)	1,690	7.4	\$38.52	\$80,120	2.5	\$34.17	\$71,070	27.193	1.17
Marketing Managers (11-2021)	160	7.4	\$33.18	\$69,010	3.2	\$29.00	\$60,320	2.637	1.06
Sales Managers (11-2022)	200	7.1	\$33.71	\$70,110	2.5	\$29.87	\$62,130	3.183	0.81
Administrative Services Managers (11-3012)	1,180	3.4	\$31.30	\$65,100	1.5	\$29.58	\$61,520	18.945	11.49
Facilities Managers (11-3013)	70	9.5	\$36.61	\$76,140	4.7	\$30.67	\$63,800	1.119	1.22
Financial Managers (11-3031)	390	4.0	\$40.11	\$83,430	1.5	\$37.21	\$77,390	6.288	1.18
Purchasing Managers (11-3061)	<a href="#">(8)</a> -	<a href="#">(8)</a> -	\$38.29	\$79,640	1.4	\$32.39	\$67,380	<a href="#">(8)</a> -	<a href="#">(8)</a> -
Transportation, Storage, and Distribution Managers (11-3071)	140	7.2	\$41.26	\$85,810	2.0	\$39.16	\$81,450	2.202	1.59
Human Resources Managers (11-3121)	70	7.8	\$39.29	\$81,710	1.0	\$39.08	\$81,280	1.140	0.82
Construction Managers (11-9021)	400	18.2	\$44.72	\$93,030	5.3	\$42.67	\$88,760	6.464	2.86
Education Administrators, Kindergarten through Secondary (11-9032)	30	10.0	<a href="#">(4)</a> -	\$66,190	3.5	<a href="#">(4)</a> -	\$58,370	0.560	0.27
Education Administrators, All Other (11-9039)	190	1.5	\$58.63	\$121,940	0.8	\$58.66	\$122,010	3.025	8.75

Occupation (SOC code)	Employment (1)	Employment percent relative standard error (3)	Hourly mean wage	Annual mean wage (2)	Wage percent relative standard error (3)	Hourly median wage	Annual median wage (2)	Employment per 1,000 jobs	Location Quotient
Architectural and Engineering Managers (11-9041)	50	8.9	\$49.65	\$103,270	2.1	\$46.41	\$96,530	0.787	0.58
Food Service Managers (11-9051)	100	16.4	\$23.47	\$48,820	3.9	\$20.78	\$43,220	1.631	1.03
Medical and Health Services Managers (11-9111)	140	10.6	\$49.13	\$102,190	5.4	\$41.96	\$87,280	2.201	0.60
Natural Sciences Managers (11-9121)	40	15.9	\$46.82	\$97,380	2.8	\$53.49	\$111,270	0.613	0.94
Property, Real Estate, and Community Association Managers (11-9141)	(8)-	(8)-	\$36.25	\$75,410	14.2	\$33.79	\$70,290	(8)-	(8)-
Managers, All Other (11-9199)	180	7.6	\$48.76	\$101,420	1.3	\$46.74	\$97,210	2.896	0.71
Business and Financial Operations Occupations (13-0000)	3,200	1.6	\$30.98	\$64,440	1.3	\$28.54	\$59,360	51.481	0.77
Buyers and Purchasing Agents (13-1020)	230	2.2	\$32.37	\$67,340	0.6	\$28.82	\$59,950	3.667	1.16
Claims Adjusters, Examiners, and Investigators (13-1031)	90	9.9	\$26.50	\$55,110	1.2	\$24.76	\$51,500	1.389	0.70
Cost Estimators (13-1051)	60	23.5	\$28.26	\$58,770	3.8	\$29.40	\$61,150	0.906	0.64
Human Resources Specialists (13-1071)	330	2.8	\$27.71	\$57,640	0.7	\$25.72	\$53,490	5.285	0.89
Logisticians (13-1081)	140	4.9	\$32.49	\$67,580	1.4	\$30.86	\$64,190	2.286	1.50
Project Management Specialists (13-1082)	270	12.7	\$37.34	\$77,670	10.1	\$29.52	\$61,400	4.414	0.68
Management Analysts (13-1111)	210	1.0	\$36.43	\$75,770	1.1	\$34.88	\$72,550	3.448	0.59

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Training and Development Specialists (13-1151)	40	23.0	\$21.94	\$45,640	6.1	\$20.96	\$43,610	0.642	0.23
Market Research Analysts and Marketing Specialists (13-1161)	90	8.5	\$22.71	\$47,230	2.6	\$21.13	\$43,940	1.444	0.26
Business Operations Specialists, All Other (13-1199)	(8)-	(8)-	\$39.57	\$82,300	0.6	\$39.53	\$82,220	(8)-	(8)-
Accountants and Auditors (13-2011)	500	5.5	\$24.58	\$51,130	1.2	\$22.64	\$47,080	8.128	0.87
Insurance Underwriters (13-2053)	70	9.2	\$21.85	\$45,450	2.2	\$20.37	\$42,360	1.080	1.54
Tax Preparers (13-2082)	30	34.7	\$19.96	\$41,510	6.3	\$18.49	\$38,460	0.497	1.04
Computer and Mathematical Occupations (15-0000)	810	3.3	\$26.67	\$55,470	2.0	\$22.61	\$47,020	13.059	0.39
Computer User Support Specialists (15-1232)	220	10.6	\$17.44	\$36,270	5.7	\$15.46	\$32,160	3.598	0.80
Web and Digital Interface Designers (15-1255)	30	23.5	\$15.95	\$33,180	9.7	\$14.82	\$30,820	0.539	0.75
Architecture and Engineering Occupations (17-0000)	1,340	5.8	\$35.27	\$73,370	1.9	\$32.69	\$68,000	21.628	1.30
Architects, Except Landscape and Naval (17-1011)	50	13.6	\$41.33	\$85,960	4.5	\$45.78	\$95,220	0.850	1.18
Surveyors (17-1022)	30	8.6	\$28.45	\$59,170	5.9	\$26.92	\$55,990	0.512	1.49
Civil Engineers (17-2051)	500	13.1	\$36.17	\$75,240	3.9	\$34.99	\$72,770	8.023	3.48
Electrical Engineers (17-2071)	170	16.4	\$33.88	\$70,470	2.8	\$29.26	\$60,850	2.795	2.28

Occupation (SOC code)	Employment (1)	Employment percent relative standard error (3)	Hourly mean wage	Annual mean wage (2)	Wage percent relative standard error (3)	Hourly median wage	Annual median wage (2)	Employment per 1,000 jobs	Location Quotient
<b>Health and Safety Engineers, Except Mining Safety Engineers and Inspectors (17-2111)</b>	40	21.6	\$39.56	\$82,290	10.0	\$36.82	\$76,590	0.657	4.36
<b>Mechanical Engineers (17-2141)</b>	90	12.5	\$33.29	\$69,230	4.6	\$29.18	\$60,700	1.447	0.78
<b>Engineers, All Other (17-2199)</b>	80	0.9	\$41.96	\$87,270	0.1	\$43.00	\$89,440	1.298	1.33
<b>Architectural and Civil Drafters (17-3011)</b>	70	25.2	\$22.64	\$47,080	5.1	\$22.80	\$47,420	1.079	1.52
<b>Surveying and Mapping Technicians (17-3031)</b>	40	13.9	\$19.48	\$40,520	4.0	\$17.41	\$36,210	0.623	1.69
<b>Life, Physical, and Social Science Occupations (19-0000)</b>	790	2.8	\$30.30	\$63,020	1.6	\$26.13	\$54,360	12.777	1.36
<b>Biological Scientists, All Other (19-1029)</b>	50	11.4	\$35.85	\$74,560	3.1	\$36.04	\$74,960	0.813	2.10
<b>Environmental Scientists and Specialists, Including Health (19-2041)</b>	100	18.0	\$32.98	\$68,600	1.4	\$29.89	\$62,170	1.639	2.98
<b>Urban and Regional Planners (19-3051)</b>	50	4.0	\$36.38	\$75,680	1.3	\$40.18	\$83,570	0.774	2.77
<b>Biological Technicians (19-4021)</b>	100	11.1	\$21.33	\$44,360	1.0	\$20.55	\$42,740	1.642	3.32
<b>Occupational Health and Safety Specialists (19-5011)</b>	100	12.4	\$34.16	\$71,050	7.9	\$30.28	\$62,980	1.597	1.92
<b>Occupational Health and Safety Technicians (19-5012)</b>	120	4.3	\$20.65	\$42,950	0.9	\$19.21	\$39,950	1.993	9.77
<b>Community and Social Service Occupations (21-0000)</b>	660	1.9	\$25.19	\$52,400	1.2	\$23.91	\$49,730	10.667	0.64

Occupation (SOC code)	Employment (1)	Employment percent relative standard error (3)	Hourly mean wage	Annual mean wage (2)	Wage percent relative standard error (3)	Hourly median wage	Annual median wage (2)	Employment per 1,000 jobs	Location Quotient
<b>Educational, Guidance, and Career Counselors and Advisors (21-1012)</b>	40	13.8	\$21.53	\$44,770	1.6	\$18.69	\$38,880	0.576	0.26
<b>Child, Family, and School Social Workers (21-1021)</b>	50	16.2	\$21.86	\$45,460	3.9	\$19.66	\$40,880	0.853	0.34
<b>Healthcare Social Workers (21-1022)</b>	130	2.1	\$28.80	\$59,900	0.2	\$28.80	\$59,900	2.012	1.67
<b>Social and Human Service Assistants (21-1093)</b>	170	1.8	\$18.27	\$38,010	0.3	\$15.05	\$31,300	2.769	1.01
<b>Clergy (21-2011)</b>	40	8.1	\$21.23	\$44,170	6.5	\$16.56	\$34,440	0.662	1.76
<b>Legal Occupations (23-0000)</b>	310	0.8	\$44.22	\$91,970	1.8	\$38.75	\$80,600	4.982	0.60
<b>Lawyers (23-1011)</b>	160	1.8	\$60.21	\$125,240	2.2	\$60.10	\$125,000	2.532	0.52
<b>Paralegals and Legal Assistants (23-2011)</b>	80	1.4	\$23.69	\$49,280	0.4	\$21.15	\$43,990	1.265	0.53
<b>Educational Instruction and Library Occupations (25-0000)</b>	1,660	4.4	\$24.60	\$51,160	2.6	\$18.45	\$38,370	26.688	0.46
<b>Career/Technical Education Teachers, Postsecondary (25-1194)</b>	50	19.5	\$27.57	\$57,350	5.7	\$24.23	\$50,390	0.839	1.16
<b>Preschool Teachers, Except Special Education (25-2011)</b>	130	36.5	(4) -	\$23,410	6.1	(4) -	\$21,750	2.101	0.73
<b>Elementary School Teachers, Except Special Education (25-2021)</b>	140	2.8	(4) -	\$35,220	3.4	(4) -	\$30,810	2.268	0.25
<b>Middle School Teachers, Except Special and Career/Technical Education (25-2022)</b>	60	16.1	(4) -	\$40,900	1.9	(4) -	\$38,080	1.027	0.26

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Secondary School Teachers, Except Special and Career/Technical Education (25-2031)	230	2.7	(4)-	\$40,790	3.1	(4)-	\$36,830	3.662	0.53
Teachers and Instructors, All Other (25-3099)	170	2.5	(4)-	\$45,990	0.9	(4)-	\$32,410	2.711	3.34
Teaching Assistants, Except Postsecondary (25-9045)	90	27.1	(4)-	\$23,520	4.4	(4)-	\$20,540	1.409	0.16
Educational Instruction and Library Workers, All Other (25-9099)	60	0.8	\$20.14	\$41,880	0.6	\$17.89	\$37,210	0.937	1.26
Arts, Design, Entertainment, Sports, and Media Occupations (27-0000)	490	4.7	\$20.95	\$43,570	2.0	\$17.85	\$37,130	7.819	0.57
Graphic Designers (27-1024)	80	12.5	\$16.48	\$34,280	3.1	\$15.02	\$31,240	1.244	0.90
Dancers (27-2031)	30	39.1	\$18.24	(4)-	22.4	\$12.06	(4)-	0.504	8.57
Media and Communication Equipment Workers, All Other (27-4099)	(8)-	(8)-	\$35.85	\$74,570	2.4	\$35.55	\$73,940	(8)-	(8)-
Healthcare Practitioners and Technical Occupations (29-0000)	2,080	1.8	\$39.15	\$81,440	2.4	\$25.00	\$52,000	33.430	0.54
Pharmacists (29-1051)	70	4.7	\$56.81	\$118,170	1.0	\$57.95	\$120,530	1.130	0.53
Registered Nurses (29-1141)	680	3.1	(8)-	(8)-	(8)-	(8)-	(8)-	10.952	0.51
Nurse Practitioners (29-1171)	100	16.1	\$47.68	\$99,170	4.5	\$50.51	\$105,060	1.541	0.77
General Internal Medicine Physicians (29-1216)	40	26.0	(8)-	(8)-	(8)-	(8)-	(8)-	0.583	1.35

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Dental Hygienists (29-1292)	50	39.0	\$29.20	\$60,730	10.3	\$27.29	\$56,770	0.766	0.54
Radiologic Technologists and Technicians (29-2034)	60	31.1	\$25.27	\$52,560	4.2	\$24.28	\$50,510	0.908	0.63
Pharmacy Technicians (29-2052)	130	4.5	\$15.38	\$31,990	1.1	\$15.07	\$31,340	2.057	0.65
Licensed Practical and Licensed Vocational Nurses (29-2061)	140	7.1	\$17.96	\$37,360	0.8	\$17.38	\$36,150	2.318	0.57
Medical Records Specialists (29-2072)	80	10.8	\$17.79	\$37,010	1.9	\$16.38	\$34,060	1.322	1.08
Healthcare Support Occupations (31-0000)	1,000	3.2	\$15.59	\$32,430	1.4	\$15.00	\$31,200	16.068	0.33
Nursing Assistants (31-1131)	240	2.3	\$16.71	\$34,750	0.8	\$15.85	\$32,970	3.819	0.42
Massage Therapists (31-9011)	40	15.1	\$13.70	\$28,500	4.7	\$11.09	\$23,060	0.576	0.93
Dental Assistants (31-9091)	110	8.0	\$16.76	\$34,850	5.6	\$17.14	\$35,640	1.824	0.75
Medical Assistants (31-9092)	230	10.8	\$15.11	\$31,430	1.9	\$13.93	\$28,970	3.778	0.73
Medical Equipment Preparers (31-9093)	40	21.9	\$20.45	\$42,540	11.9	\$17.54	\$36,480	0.612	1.30
Protective Service Occupations (33-0000)	3,030	2.3	\$22.56	\$46,930	1.3	\$19.36	\$40,270	48.794	2.06
First-Line Supervisors of Firefighting and Prevention Workers (33-1021)	80	0.7	\$41.49	\$86,300	0.2	\$40.58	\$84,410	1.272	2.09
First-Line Supervisors of Security Workers (33-1091)	90	8.3	\$22.37	\$46,530	4.1	\$15.54	\$32,320	1.425	3.12
Security Guards (33-9032)	1,000	5.6	\$12.36	\$25,710	1.5	\$10.63	\$22,100	16.140	2.00



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Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers (33-9092)	90	25.9	\$12.66	\$26,330	6.1	\$10.62	\$22,090	1.478	1.59
Transportation Security Screeners (33-9093)	270	0.2	\$27.16	\$56,480	0.1	\$28.82	\$59,950	4.379	14.57
Food Preparation and Serving Related Occupations (35-0000)	7,090	2.5	\$11.14	\$23,170	0.9	\$10.56	\$21,960	114.107	1.29
Chefs and Head Cooks (35-1011)	190	13.6	\$21.54	\$44,800	2.6	\$18.94	\$39,390	2.988	2.53
First-Line Supervisors of Food Preparation and Serving Workers (35-1012)	600	7.1	\$13.26	\$27,570	1.5	\$13.20	\$27,460	9.611	1.25
Cooks, Fast Food (35-2011)	600	21.9	\$10.57	\$21,990	1.1	\$10.63	\$22,100	9.706	2.24
Cooks, Institution and Cafeteria (35-2012)	80	5.5	\$14.86	\$30,910	1.1	\$16.18	\$33,640	1.235	0.42
Cooks, Restaurant (35-2014)	1,000	6.5	\$11.70	\$24,340	1.6	\$11.01	\$22,900	16.111	1.71
Cooks, Short Order (35-2015)	70	28.2	\$11.04	\$22,950	0.9	\$10.75	\$22,350	1.133	1.16
Food Preparation Workers (35-2021)	470	14.6	\$10.51	\$21,850	1.3	\$10.57	\$21,990	7.495	1.30
Bartenders (35-3011)	300	22.2	\$10.82	\$22,510	5.6	\$9.79	\$20,370	4.786	0.99
Fast Food and Counter Workers (35-3023)	1,050	19.5	\$10.17	\$21,150	1.8	\$9.90	\$20,580	16.923	0.69
Waiters and Waitresses (35-3031)	1,350	7.4	\$10.26	\$21,340	1.7	\$9.85	\$20,480	21.710	1.45
Dining Room and Cafeteria Attendants and Bartender Helpers (35-9011)	330	12.3	\$10.71	\$22,280	1.5	\$10.11	\$21,040	5.248	1.55

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Dishwashers (35-9021)	310	19.9	\$9.99	\$20,780	1.1	\$9.72	\$20,220	5.071	1.66
Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop (35-9031)	300	17.9	\$9.69	\$20,160	1.3	\$9.58	\$19,920	4.904	1.77
Food Preparation and Serving Related Workers, All Other (35-9099)	380	22.9	\$10.64	\$22,130	1.2	\$10.56	\$21,960	6.146	10.58
Building and Grounds Cleaning and Maintenance Occupations (37-0000)	2,550	2.4	\$12.36	\$25,710	1.4	\$10.79	\$22,440	41.014	1.41
First-Line Supervisors of Housekeeping and Janitorial Workers (37-1011)	160	4.9	\$14.58	\$30,330	1.7	\$12.96	\$26,950	2.553	2.25
First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers (37-1012)	<a href="#">(8)</a> -	<a href="#">(8)</a> -	\$16.98	\$35,320	2.8	\$15.69	\$32,640	<a href="#">(8)</a> -	<a href="#">(8)</a> -
Janitors and Cleaners, Except Maids and Housekeeping Cleaners (37-2011)	820	10.0	\$11.87	\$24,690	2.6	\$10.67	\$22,190	13.273	0.93
Maids and Housekeeping Cleaners (37-2012)	880	6.2	\$10.96	\$22,800	0.7	\$10.59	\$22,040	14.086	2.54
Pest Control Workers (37-2021)	40	3.1	\$14.89	\$30,980	1.8	\$14.06	\$29,240	0.660	1.06
Landscaping and Groundskeeping Workers (37-3011)	590	7.5	\$13.91	\$28,930	1.8	\$15.10	\$31,400	9.418	1.54
Personal Care and Service Occupations (39-0000)	1,140	7.1	\$12.14	\$25,250	1.6	\$10.56	\$21,960	18.413	0.90

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First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services (39-1014)	60	18.5	\$14.15	\$29,430	4.2	\$14.16	\$29,440	0.910	1.51
First-Line Supervisors of Personal Service Workers (39-1022)	40	9.7	\$14.52	\$30,200	1.8	\$13.87	\$28,850	0.686	0.99
Ushers, Lobby Attendants, and Ticket Takers (39-3031)	60	14.0	\$10.26	\$21,340	1.1	\$9.80	\$20,380	1.006	1.30
Amusement and Recreation Attendants (39-3091)	240	11.3	\$10.35	\$21,530	0.9	\$10.11	\$21,020	3.823	1.59
Hairdressers, Hairstylists, and Cosmetologists (39-5012)	140	9.2	\$16.39	\$34,080	4.5	\$14.77	\$30,730	2.284	1.19
Tour and Travel Guides (39-7010)	30	36.3	\$14.80	\$30,790	7.0	\$14.13	\$29,390	0.517	1.63
Childcare Workers (39-9011)	180	39.0	\$10.77	\$22,390	1.1	\$10.27	\$21,350	2.927	0.87
Exercise Trainers and Group Fitness Instructors (39-9031)	30	13.6	\$12.15	\$25,280	1.9	\$12.12	\$25,210	0.523	0.27
Recreation Workers (39-9032)	60	2.5	\$14.71	\$30,590	0.8	\$13.48	\$28,030	0.897	0.45
Personal Care and Service Workers, All Other (39-9099)	(8)-	(8)-	\$9.90	\$20,600	1.0	\$9.89	\$20,570	(8)-	(8)-
Sales and Related Occupations (41-0000)	4,710	3.2	\$13.73	\$28,550	1.3	\$11.82	\$24,590	75.775	0.88
First-Line Supervisors of Retail Sales Workers (41-1011)	600	7.0	\$17.00	\$35,360	2.8	\$14.69	\$30,550	9.612	1.33

Occupation (SOC code)	Employment (1)	Employment percent relative standard error (3)	Hourly mean wage	Annual mean wage (2)	Wage percent relative standard error (3)	Hourly median wage	Annual median wage (2)	Employment per 1,000 jobs	Location Quotient
<b>First-Line Supervisors of Non-Retail Sales Workers (41-1012)</b>	50	16.3	\$23.12	\$48,090	4.7	\$21.38	\$44,470	0.877	0.62
<b>Cashiers (41-2011)</b>	1,960	6.6	\$11.45	\$23,820	1.2	\$10.51	\$21,860	31.622	1.55
<b>Counter and Rental Clerks (41-2021)</b>	150	8.3	\$12.01	\$24,970	2.5	\$11.01	\$22,900	2.389	0.92
<b>Parts Salespersons (41-2022)</b>	90	16.6	\$12.89	\$26,810	7.7	\$11.82	\$24,580	1.404	0.82
<b>Retail Salespersons (41-2031)</b>	1,320	5.8	\$13.05	\$27,140	1.7	\$11.36	\$23,640	21.301	0.86
<b>Insurance Sales Agents (41-3021)</b>	40	18.4	\$19.51	\$40,590	9.1	\$16.84	\$35,030	0.583	0.19
<b>Travel Agents (41-3041)</b>	40	20.5	\$16.28	\$33,870	11.5	\$16.29	\$33,870	0.571	1.49
<b>Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel (41-3091)</b>	140	10.3	\$21.21	\$44,110	3.2	\$19.12	\$39,760	2.323	0.30
<b>Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products (41-4012)</b>	220	10.1	\$17.41	\$36,210	2.7	\$14.43	\$30,020	3.551	0.43
<b>Office and Administrative Support Occupations (43-0000)</b>	8,690	1.6	\$17.55	\$36,500	0.7	\$15.37	\$31,960	139.816	1.18
<b>First-Line Supervisors of Office and Administrative Support Workers (43-1011)</b>	1,110	2.9	\$22.31	\$46,410	0.8	\$20.10	\$41,800	17.856	1.84
<b>Bill and Account Collectors (43-3011)</b>	90	9.0	\$15.88	\$33,020	2.8	\$14.24	\$29,620	1.497	1.40
<b>Billing and Posting Clerks (43-3021)</b>	110	9.6	\$15.07	\$31,350	3.0	\$13.87	\$28,850	1.777	0.66

Occupation (SOC code)	Employment (1)	Employment percent relative standard error (3)	Hourly mean wage	Annual mean wage (2)	Wage percent relative standard error (3)	Hourly median wage	Annual median wage (2)	Employment per 1,000 jobs	Location Quotient
<b>Bookkeeping, Accounting, and Auditing Clerks (43-3031)</b>	850	4.9	\$15.76	\$32,770	0.8	\$14.85	\$30,890	13.618	1.44
<b>Payroll and Timekeeping Clerks (43-3051)</b>	60	4.4	\$21.89	\$45,520	1.5	\$23.08	\$48,010	0.930	0.91
<b>Procurement Clerks (43-3061)</b>	130	8.1	\$18.08	\$37,600	2.3	\$16.60	\$34,520	2.044	5.26
<b>Customer Service Representatives (43-4051)</b>	750	5.3	\$14.82	\$30,830	1.4	\$14.10	\$29,320	12.117	0.69
<b>Eligibility Interviewers, Government Programs (43-4061)</b>	40	0.0	\$19.92	\$41,440	0.0	\$19.44	\$40,440	0.629	0.62
<b>Hotel, Motel, and Resort Desk Clerks (43-4081)</b>	190	14.6	\$10.61	\$22,060	1.9	\$10.13	\$21,060	3.125	1.84
<b>Receptionists and Information Clerks (43-4171)</b>	270	11.8	\$11.59	\$24,110	2.4	\$10.98	\$22,850	4.279	0.68
<b>Information and Record Clerks, All Other (43-4199)</b>	110	5.2	\$23.46	\$48,800	1.0	\$23.33	\$48,530	1.797	1.92
<b>Cargo and Freight Agents (43-5011)</b>	60	15.5	\$20.03	\$41,670	4.0	\$17.00	\$35,350	0.916	1.44
<b>Couriers and Messengers (43-5021)</b>	100	10.1	\$12.51	\$26,020	1.8	\$12.00	\$24,960	1.603	3.44
<b>Postal Service Mail Carriers (43-5052)</b>	40	0.0	\$26.71	\$55,550	0.0	\$24.14	\$50,210	0.708	0.33
<b>Postal Service Mail Sorters, Processors, and Processing Machine Operators (43-5053)</b>	40	0.0	\$28.45	\$59,180	0.0	\$27.64	\$57,490	0.628	0.86
<b>Production, Planning, and Expediting Clerks (43-5061)</b>	140	7.6	\$24.10	\$50,140	3.1	\$26.43	\$54,980	2.199	0.88

Occupation (SOC code)	Employment (1)	Employment percent relative standard error (3)	Hourly mean wage	Annual mean wage (2)	Wage percent relative standard error (3)	Hourly median wage	Annual median wage (2)	Employment per 1,000 jobs	Location Quotient
Shipping, Receiving, and Inventory Clerks (43-5071)	550	6.3	\$15.91	\$33,080	2.1	\$13.56	\$28,210	8.898	1.60
Executive Secretaries and Executive Administrative Assistants (43-6011)	100	16.2	\$28.75	\$59,800	7.2	\$23.15	\$48,160	1.547	0.50
Legal Secretaries and Administrative Assistants (43-6012)	50	3.7	\$22.57	\$46,950	0.4	\$23.39	\$48,660	0.813	0.81
Medical Secretaries and Administrative Assistants (43-6013)	300	9.5	\$15.33	\$31,890	2.4	\$14.22	\$29,590	4.830	0.90
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive (43-6014)	1,410	7.9	\$18.17	\$37,790	1.9	\$16.86	\$35,080	22.649	2.01
Data Entry Keyers (43-9021)	110	12.5	\$13.35	\$27,770	3.1	\$13.28	\$27,620	1.748	1.99
Insurance Claims and Policy Processing Clerks (43-9041)	90	7.2	\$13.16	\$27,380	2.5	\$11.65	\$24,220	1.441	0.97
Office Clerks, General (43-9061)	730	5.1	\$13.35	\$27,760	0.9	\$12.37	\$25,730	11.744	0.72
Office and Administrative Support Workers, All Other (43-9199)	60	1.1	\$20.74	\$43,140	0.3	\$20.92	\$43,510	1.030	0.81
Farming, Fishing, and Forestry Occupations (45-0000)	40	22.7	\$20.39	\$42,410	9.2	\$17.86	\$37,150	0.636	0.22
Construction and Extraction Occupations (47-0000)	6,970	4.1	\$19.00	\$39,520	1.5	\$17.54	\$36,480	112.143	2.72

Occupation (SOC code)	Employment <a href="#">(1)</a>	Employment percent relative standard error <a href="#">(3)</a>	Hourly mean wage	Annual mean wage <a href="#">(2)</a>	Wage percent relative standard error <a href="#">(3)</a>	Hourly median wage	Annual median wage <a href="#">(2)</a>	Employment per 1,000 jobs	Location Quotient
First-Line Supervisors of Construction Trades and Extraction Workers (47-1011)	450	7.6	\$29.61	\$61,580	4.0	\$26.67	\$55,470	7.244	1.39
Carpenters (47-2031)	1,460	7.0	\$18.45	\$38,380	1.8	\$17.49	\$36,380	23.442	5.18
Cement Masons and Concrete Finishers (47-2051)	780	10.1	\$17.30	\$35,990	2.7	\$16.37	\$34,040	12.631	9.49
Construction Laborers (47-2061)	790	10.2	\$14.28	\$29,710	2.8	\$13.85	\$28,810	12.755	1.86
Operating Engineers and Other Construction Equipment Operators (47-2073)	570	6.0	\$20.33	\$42,290	1.6	\$18.87	\$39,260	9.113	2.99
Electricians (47-2111)	920	5.6	\$20.69	\$43,040	0.6	\$20.00	\$41,590	14.756	3.06
Painters, Construction and Maintenance (47-2141)	320	25.7	\$18.06	\$37,560	5.4	\$16.81	\$34,950	5.192	3.57
Plumbers, Pipefitters, and Steamfitters (47-2152)	440	6.5	\$19.33	\$40,210	1.3	\$18.23	\$37,920	7.090	2.40
Reinforcing Iron and Rebar Workers (47-2171)	460	15.1	\$17.65	\$36,710	0.6	\$17.48	\$36,370	7.347	80.09
Roofers (47-2181)	<a href="#">(8)</a> -	<a href="#">(8)</a> -	\$17.70	\$36,810	1.9	\$17.21	\$35,800	<a href="#">(8)</a> -	<a href="#">(8)</a> -
Sheet Metal Workers (47-2211)	140	16.9	\$18.93	\$39,380	2.9	\$18.26	\$37,980	2.289	3.00
Structural Iron and Steel Workers (47-2221)	170	11.9	\$17.29	\$35,970	1.6	\$15.75	\$32,760	2.671	6.36
Helpers—Electricians (47-3013)	40	27.5	\$14.31	\$29,770	3.3	\$13.89	\$28,880	0.580	1.39
Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters (47-3015)	60	35.5	\$13.84	\$28,790	9.5	\$13.50	\$28,080	0.976	3.45

Occupation (SOC code)	Employment (1)	Employment percent relative standard error (3)	Hourly mean wage	Annual mean wage (2)	Wage percent relative standard error (3)	Hourly median wage	Annual median wage (2)	Employment per 1,000 jobs	Location Quotient
Construction and Building Inspectors (47-4011)	40	14.5	\$26.07	\$54,220	2.2	\$23.08	\$48,010	0.694	0.78
Hazardous Materials Removal Workers (47-4041)	30	28.7	(8)-	(8)-	(8)-	(8)-	(8)-	0.502	1.53
Septic Tank Servicers and Sewer Pipe Cleaners (47-4071)	(8)-	(8)-	\$22.32	\$46,430	2.5	\$21.17	\$44,030	(8)-	(8)-
Installation, Maintenance, and Repair Occupations (49-0000)	3,590	2.8	\$19.88	\$41,340	0.7	\$17.43	\$36,260	57.792	1.47
First-Line Supervisors of Mechanics, Installers, and Repairers (49-1011)	330	6.8	\$24.69	\$51,360	1.9	\$22.88	\$47,600	5.366	1.38
Computer, Automated Teller, and Office Machine Repairers (49-2011)	60	16.3	\$14.97	\$31,140	5.4	\$13.91	\$28,930	0.959	2.03
Radio, Cellular, and Tower Equipment Installers and Repairers (49-2021)	90	37.8	\$19.86	\$41,310	6.0	\$17.63	\$36,660	1.391	18.80
Security and Fire Alarm Systems Installers (49-2098)	50	7.7	\$18.70	\$38,900	1.7	\$17.12	\$35,600	0.805	1.52
Aircraft Mechanics and Service Technicians (49-3011)	90	4.8	(8)-	(8)-	(8)-	(8)-	(8)-	1.378	1.56
Automotive Service Technicians and Mechanics (49-3023)	180	12.0	\$19.30	\$40,150	4.3	\$19.69	\$40,950	2.964	0.66
Mobile Heavy Equipment Mechanics, Except Engines (49-3042)	290	7.1	\$22.62	\$47,050	2.1	\$20.66	\$42,980	4.680	4.00



Occupation (SOC code)	Employment (1)	Employment percent relative standard error (3)	Hourly mean wage	Annual mean wage (2)	Wage percent relative standard error (3)	Hourly median wage	Annual median wage (2)	Employment per 1,000 jobs	Location Quotient
Outdoor Power Equipment and Other Small Engine Mechanics (49-3053)	40	14.0	\$17.07	\$35,510	3.6	\$16.69	\$34,710	0.584	2.63
Tire Repairers and Changers (49-3093)	50	37.5	\$12.90	\$26,840	5.6	\$12.98	\$27,000	0.861	1.25
Heating, Air Conditioning, and Refrigeration Mechanics and Installers (49-9021)	240	15.4	\$21.06	\$43,800	2.2	\$18.74	\$38,980	3.928	1.53
Industrial Machinery Mechanics (49-9041)	140	4.7	\$26.06	\$54,210	1.1	\$26.47	\$55,060	2.275	0.83
Maintenance Workers, Machinery (49-9043)	30	7.9	\$21.93	\$45,610	3.0	\$21.29	\$44,280	0.555	1.51
Electrical Power- Line Installers and Repairers (49-9051)	50	2.6	\$25.14	\$52,280	1.1	\$22.97	\$47,770	0.757	0.94
Medical Equipment Repairers (49-9062)	30	14.6	\$19.81	\$41,200	6.8	\$17.41	\$36,220	0.555	1.41
Maintenance and Repair Workers, General (49-9071)	990	5.5	\$15.34	\$31,910	1.4	\$14.03	\$29,190	15.978	1.61
Commercial Divers (49-9092)	30	39.7	\$22.38	\$46,540	2.4	\$23.76	\$49,420	0.497	22.37
Helpers--Installation, Maintenance, and Repair Workers (49-9098)	350	7.2	\$13.02	\$27,070	2.0	\$11.87	\$24,680	5.636	8.91
Installation, Maintenance, and Repair Workers, All Other (49-9099)	70	15.0	\$24.73	\$51,440	4.4	\$26.40	\$54,910	1.091	0.92
Production Occupations (51-0000)	1,690	4.4	\$17.39	\$36,170	1.3	\$14.37	\$29,890	27.190	0.48
First-Line Supervisors of Production and Operating Workers (51-1011)	100	6.9	\$30.84	\$64,150	3.2	\$32.67	\$67,950	1.621	0.36

Occupation (SOC code)	Employment (1)	Employment percent relative standard error (3)	Hourly mean wage	Annual mean wage (2)	Wage percent relative standard error (3)	Hourly median wage	Annual median wage (2)	Employment per 1,000 jobs	Location Quotient
Bakers (51-3011)	160	13.4	(8) -	(8) -	(8) -	(8) -	(8) -	2.582	1.72
Butchers and Meat Cutters (51-3021)	60	19.8	\$16.97	\$35,290	4.5	\$13.36	\$27,790	0.996	1.10
Meat, Poultry, and Fish Cutters and Trimmers (51-3022)	60	33.7	\$12.90	\$26,830	1.4	\$12.40	\$25,800	1.006	1.10
Welders, Cutters, Solderers, and Brazers (51-4121)	330	8.1	\$20.71	\$43,080	0.6	\$19.21	\$39,950	5.280	1.92
Printing Press Operators (51-5112)	30	9.8	\$13.74	\$28,580	1.8	\$12.63	\$26,260	0.546	0.58
Laundry and Dry- Cleaning Workers (51-6011)	110	7.2	\$10.98	\$22,830	1.4	\$10.73	\$22,310	1.727	1.36
Water and Wastewater Treatment Plant and System Operators (51-8031)	40	3.4	\$21.83	\$45,410	2.2	\$20.96	\$43,600	0.658	0.80
Inspectors, Testers, Sorters, Samplers, and Weighers (51-9061)	40	17.3	\$21.29	\$44,270	3.5	\$22.59	\$46,990	0.628	0.16
Helpers--Production Workers (51-9198)	280	6.1	\$11.53	\$23,990	0.7	\$11.32	\$23,550	4.498	4.14
Transportation and Material Moving Occupations (53-0000)	4,520	2.9	\$19.07	\$39,660	1.2	\$13.15	\$27,350	72.687	0.82
First-Line Supervisors of Transportation Workers, Except Aircraft Cargo Handling Supervisors (53-1047)	180	7.0	\$22.55	\$46,890	3.4	\$18.49	\$38,460	2.962	0.75
Air Traffic Controllers (53-2021)	40	13.3	\$46.32	\$96,340	8.0	\$52.02	\$108,200	0.673	4.63
Driver/Sales Workers (53-3031)	190	30.0	\$11.75	\$24,450	4.3	\$10.49	\$21,820	3.136	1.16

Occupation (SOC code)	Employment (1)	Employment percent relative standard error (3)	Hourly mean wage	Annual mean wage (2)	Wage percent relative standard error (3)	Hourly median wage	Annual median wage (2)	Employment per 1,000 jobs	Location Quotient
Heavy and Tractor-Trailer Truck Drivers (53-3032)	490	6.3	\$18.54	\$38,560	1.3	\$17.88	\$37,190	7.901	0.59
Light Truck Drivers (53-3033)	380	10.0	\$12.68	\$26,380	1.8	\$11.50	\$23,930	6.142	0.95
Shuttle Drivers and Chauffeurs (53-3053)	110	7.3	\$12.20	\$25,380	4.2	\$12.48	\$25,960	1.808	1.21
Captains, Mates, and Pilots of Water Vessels (53-5021)	30	18.0	\$36.78	\$76,500	5.9	\$30.00	\$62,400	0.499	2.17
Motorboat Operators (53-5022)	30	34.1	\$20.71	\$43,090	7.6	\$19.83	\$41,240	0.528	34.19
Crane and Tower Operators (53-7021)	50	9.4	\$29.70	\$61,770	1.5	\$28.69	\$59,680	0.827	3.04
Industrial Truck and Tractor Operators (53-7051)	60	9.5	\$18.37	\$38,210	4.4	\$15.87	\$33,000	0.979	0.19
Cleaners of Vehicles and Equipment (53-7061)	160	9.4	\$10.64	\$22,130	1.0	\$10.49	\$21,810	2.508	1.03
Laborers and Freight, Stock, and Material Movers, Hand (53-7062)	490	5.6	(8) -	(8) -	(8) -	(8) -	(8) -	7.916	0.41
Packers and Packagers, Hand (53-7064)	160	15.5	\$10.67	\$22,190	1.4	\$10.10	\$21,010	2.595	0.67
Stockers and Order Fillers (53-7065)	1,190	5.4	\$12.31	\$25,590	0.8	\$10.67	\$22,200	19.217	1.07

Footnotes:

(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 corresponding hourly wage by 2,080 hours.

(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 \$115.00 per hour or \$239,200 per year.

(8) Estimate not released.

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Data extracted on April 04, 2025

# About May 2024 National, State, Metropolitan, and Nonmetropolitan Area Occupational Employment and Wage Estimates

The [National](#), [State](#), [Metropolitan](#), and [Nonmetropolitan Area](#) Occupational Employment and Wage Estimates are calculated from data collected in a national survey of employers. Data on occupational employment and wages are collected from employers of every size, in every state, in metropolitan and nonmetropolitan areas, in all industry sectors. These estimates are cross-industry estimates; each occupation's employment and wage estimates are calculated from data collected from employers in all industry sectors. Self-employed persons are not included in the survey or estimates. The May 2024 OEWS estimates are based on the 2018 Standard Occupational Classification (SOC) system and the Office of Management and Budget's [revised metropolitan area definitions](#), based on the results of the 2020 decennial census.

The National, State, Metropolitan, and Nonmetropolitan Area Occupational Employment and Wage Estimates consist of the following:

- **SOC Code Number:** the Standard Occupational Classification (SOC) system's unique, six-digit (plus hyphen) numerical identifier for each occupation. *When the SOC code is a link, clicking on it leads to a page that contains the occupational definition and national cross-industry estimates.*
- **Occupation Title:** a descriptive title that corresponds to the SOC code.
- **Group:** the level of occupational detail (major group, minor group, broad level, detailed).
- **Employment:** the estimated total occupational employment (not including self-employed).
- **Employment RSE:** the Relative Standard Error of the employment estimate, a measure of the reliability or precision of the employment estimate. The relative standard error is defined as the ratio of the standard error to the survey estimate. For example, a relative standard error of 10 percent implies that the standard error is one-tenth as large as the survey estimate.
- **Employment per 1000 jobs:** the number of jobs (employment) in the given occupation per 1,000 jobs in the given area.
- **Location Quotient:** (State, metropolitan, and nonmetropolitan statistical area estimates only) 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.
- **Median Hourly Wage:** the estimated 50th percentile of the distribution of wages based on data collected from employers in all industries; 50 percent of workers in an occupation earn less than the median wage, and 50 percent earn more than the median wage.

- **Mean Hourly Wage:** the estimated total hourly wages of an occupation divided by its estimated employment, i.e., the average hourly wage.
- **Mean Annual Wage:** the estimated total annual wages of an occupation divided by its estimated employment, i.e., the average annual wage.
- **Mean RSE:** the relative standard error of the mean wage estimates, a measure of the reliability or precision of the mean wage estimates. The relative standard error is defined as the ratio of the standard error to the survey estimate. For example, a relative standard error of 10 percent implies that the standard error is one-tenth as large as the survey estimate.
- **Percentile Wage Estimates:** (National estimates only) A percentile wage estimate shows what percentage of workers in an occupation earn less than a given wage and what percentage earn more. For example, a 25th percentile wage of \$15.00 indicates that 25 percent of workers (in a given occupation in a given area) earn less than \$15.00; therefore 75 percent of workers earn more than \$15.00. More about [percentile wages](#).

For more information about the OEWS program and estimates, see the [Frequently Asked Questions](#).

**Last Modified Date:** April 2, 2025

## Occupational Employment and Wage Statistics

# Technical Notes for May 2024 OEWS Estimates

### Scope of the survey

The Occupational Employment and Wage Statistics (OEWS) survey is a semiannual survey measuring occupational employment and wage rates for wage and salary workers in nonfarm establishments in the United States. The OEWS data available from the Bureau of Labor Statistics (BLS) include cross-industry occupational employment and wage estimates for the nation; states, the District of Columbia, and Guam, Puerto Rico, and the U.S. Virgin Islands; and approximately 530 metropolitan statistical areas (MSAs) and nonmetropolitan areas. BLS also publishes national industry-specific estimates for North American Industry Classification System (NAICS) sector, 3-digit, most 4-digit, and selected 5- and 6-digit industry levels; and national estimates by ownership across all industries and for schools and hospitals.

The OEWS 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 SWAs collect most of the data. OEWS estimates are constructed from a sample of about 1.1 million establishments. Each year, two semiannual panels of approximately 186,000 to 189,000 sampled establishments are contacted—one panel in May and the other in November. Responses are obtained by Internet or other electronic means, mail, email, telephone, or personal visit. The May 2024 estimates are based on responses from six semiannual panels collected over a 3-year period: May 2024, November 2023, May 2023, November 2022, May 2022, and November 2021. The unweighted sampled employment of 83.5 million across all six semiannual panels represents approximately 55 percent of total national employment. The overall national response rate for the six panels, based on the 50 states and the District of Columbia, is 65.7 percent based on establishments and 65.9 percent based on weighted sampled employment.

### The occupational coding system

The May 2024 OEWS estimates contain approximately 830 occupational categories based on the Office of Management and Budget's 2018 Standard Occupational Classification (SOC) system. These occupational categories 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 SOC website](#).

### The industry coding system

The May 2024 OEWS estimates use the 2022 NAICS. For more information about NAICS, see the [BLS NAICS website](#).

The OEWS 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) are also excluded. OEWS 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.

## Area definitions

The May 2024 OEWS estimates use the metropolitan area definitions in [Office of Management and Budget \(OMB\) Bulletin 23-01](#). Nonmetropolitan area definitions are specific to the OEWS program and are set in consultation with the SWAs. For more information, see the spreadsheet of [area names and definitions](#) used in the May 2024 OEWS estimates.

## Survey sample

The OEWS 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 OEWS 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 OEWS 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 OEWS 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.

The responding establishments are instructed to report hourly rates 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.

OEWS receives wage rate data for the federal government, the U.S. Postal Service, and most state government, local government, and private sector establishments. For the remaining establishments without wage rate data,



the OEWS survey data were placed into 12 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.

## **Estimation methodology**

The OEWS survey is designed to produce estimates by combining six panels of data collected over a 3-year period. Each OEWS panel contains approximately 186,000 to 189,000 establishments. The full six-panel sample of 1.1 million establishments allows the production of estimates at detailed levels of geography, industry, and occupation.

The May 2024 estimates were produced by a model-based estimation method using 3 years of OEWS data (MB3). Under MB3, data provided by survey respondents are used to model occupational staffing patterns and wages for all unobserved establishments in the population, including establishments that were not sampled, sampled establishments that did not respond, and respondents that did not meet stability criteria.

A donor pool typically consisting of 10 nearest neighbor responding establishments is used to predict data for each unobserved establishment; if 10 donors are not available, then as few as 5 can be used. Donors are matched to recipients based on detailed industry, geographic area, ownership, size, and survey panel. Within a given donor pool, donors that are more similar to the unobserved establishment are given more weight in determining the modeled data.

Each establishment's population employment is set as the average of its May 2024 and November 2023 employment from the Quarterly Census of Employment and Wages (QCEW), the UI database from which the OEWS sample is drawn. Using adjustment factors derived from the OEWS survey data, wages collected in earlier survey panels are adjusted to the reference date of the estimates and donor wages are adjusted for differences between donor and recipient characteristics such as geographic area and industry.

## **Changes and special procedures in the May 2024 estimates**

With the May 2024 OEWS news release, the metropolitan area estimates have been updated to reflect definitions based on the 2020 decennial census and delineated in [OMB Bulletin 23-01](#). As a result of this update, new MSAs were added to publication, some existing MSAs had name and/or compositional changes, and other MSAs were removed from publication. Some nonmetropolitan areas were also added, removed, or modified due to the new MSA delineations. For the six New England states, New England City and Town Areas (NECTAs) have been discontinued, and OEWS now publishes the MSAs and nonmetropolitan areas for these states.

On November 20, 2024, QCEW suspended publication of industry and substate data for Colorado because of data quality concerns caused by issues with the modernization of the state's unemployment insurance (UI) system. Because the QCEW microdata are fundamentally a byproduct of state UI systems, QCEW data quality is sensitive to changes in these systems. By February 19, 2025, the data quality concerns for Colorado had been sufficiently addressed to resume QCEW publication.

OEWS uses QCEW employment data—which provide comprehensive counts of nonfarm payroll employment—to adjust estimates to represent all employment that is in scope for the OEWS survey. The updated Colorado employment data were not available in time to be used in this OEWS news release. As a result, data in this news

release do not include substate data for Colorado and its areas. Therefore, this news release only contains data for about 520 metropolitan and nonmetropolitan areas instead of the full count of approximately 530 areas. The OEWS national data may be marginally impacted by the quality issues in Colorado.

## For more information

Answers to frequently asked questions about the OEWS data are available on the [OEWS frequently asked questions page](#).

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### Related Links:

[May 2024 National Occupational Employment and Wage Estimates](#)

[May 2024 State Occupational Employment and Wage Estimates](#)

[May 2024 Metropolitan and Nonmetropolitan Area Occupational Employment and Wage Estimates](#)

[May 2024 National Industry-Specific Occupational Employment and Wage Estimates](#)

[May 2024 Occupation Profiles](#)

[May 2024 OEWS Profiles](#)

[May 2024 OEWS Maps](#)

[Technical notes](#)

SOC code: Standard Occupational Classification code -- see <http://www.bls.gov/soc/home.htm>

Data extracted on April 04, 2025

OCC_CODE	OCC_TITLE	O_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	62,120	0.0	1000.000	1.00	21.39	44,480	0.8	10.17	11.30	16.83	24.80	38.44	21,140	23,500	35,000	51,580	79,960
11-0000	Management Occupations	major	5,780	3.2	93.036	1.31	39.51	82,180	1.2	19.10	24.53	35.20	47.38	63.92	39,730	51,030	73,220	98,550	132,950
11-1011	Chief Executives	detailed	320	8.0	5.077	3.70	63.10	131,250	6.3	13.46	29.77	51.20	80.38	#	28,000	61,910	106,500	167,190	#
11-1021	General and Operations Managers	detailed	1,690	7.4	27.193	1.17	38.52	80,120	2.5	18.79	22.51	34.17	44.32	63.46	39,090	46,820	71,070	92,180	131,990
11-2021	Marketing Managers	detailed	160	7.4	2.637	1.06	33.18	69,010	3.2	17.36	22.71	29.00	40.73	54.58	36,110	47,230	60,320	84,720	113,520
11-2022	Sales Managers	detailed	200	7.1	3.183	0.81	33.71	70,110	2.5	19.93	23.81	29.87	37.33	50.13	41,460	49,530	62,130	77,640	104,270
11-3012	Administrative Services Managers	detailed	1,180	3.4	18.945	11.49	31.30	65,100	1.5	18.56	21.72	29.58	38.14	45.75	38,610	45,190	61,520	79,320	95,160
11-3013	Facilities Managers	detailed	70	9.5	1.119	1.22	36.61	76,140	4.7	19.79	22.83	30.67	47.38	57.99	41,150	47,490	63,800	98,550	120,620
11-3031	Financial Managers	detailed	390	4.0	6.288	1.18	40.11	83,430	1.5	23.74	29.22	37.21	47.32	60.77	49,380	60,770	77,390	98,420	126,390
11-3061	Purchasing Managers	detailed	**	**	**	**	38.29	79,640	1.4	19.93	26.10	32.39	44.53	66.58	41,460	54,290	67,380	92,630	138,490
11-3071	Transportation, Storage, and Distribution Managers	detailed	140	7.2	2.202	1.59	41.26	85,810	2.0	24.79	31.05	39.16	47.81	62.66	51,560	64,570	81,450	99,440	130,330
11-3121	Human Resources Managers	detailed	70	7.8	1.140	0.82	39.29	81,710	1.0	23.80	30.28	39.08	48.84	57.07	49,500	62,990	81,280	101,580	118,710
11-9021	Construction Managers	detailed	400	18.2	6.464	2.86	44.72	93,030	5.3	25.00	31.07	42.67	49.61	65.14	52,000	64,630	88,760	103,200	135,490
11-9032	Education Administrators, Kindergarten through Secondary	detailed	30	10.0	0.560	0.27	*	66,190	3.5	*	*	*	*	*	47,780	49,240	58,370	66,210	107,070
11-9039	Education Administrators, All Other	detailed	190	1.5	3.025	8.75	58.63	121,940	0.8	44.80	51.07	58.66	66.10	73.61	93,180	106,230	122,010	137,490	153,110
11-9041	Architectural and Engineering Managers	detailed	50	8.9	0.787	0.58	49.65	103,270	2.1	36.94	39.07	46.41	60.54	70.49	76,830	81,270	96,530	125,920	146,620
11-9051	Food Service Managers	detailed	100	16.4	1.631	1.03	23.47	48,820	3.9	15.66	18.58	20.78	23.80	37.21	32,580	38,640	43,220	49,500	77,390
11-9111	Medical and Health Services Managers	detailed	140	10.6	2.201	0.60	49.13	102,190	5.4	24.93	28.28	41.96	54.34	78.25	51,860	58,820	87,280	113,030	162,760
11-9121	Natural Sciences Managers	detailed	40	15.9	0.613	0.94	46.82	97,380	2.8	23.34	38.29	53.49	56.34	59.08	48,550	79,630	111,270	117,190	122,890

OCC_CODE	OCC_TITLE	O_GROUP	TOT_EMP	EMP_PRSE	JOBS_1000	LOC_Q	H_MEAN	A_MEAN	MEAN_PRSE	H_PCT10	H_PCT25	H_MEDIAN	H_PCT75	H_PCT90	A_PCT10	A_PCT25	A_MEDIAN	A_PCT75	A_PCT90
11-9141	Property, Real Estate, and Community Association Managers	detailed	**	**	**	**	36.25	75,410	14.2	19.35	28.82	33.79	45.47	54.34	40,250	59,950	70,290	94,580	113,030
11-9199	Managers, All Other	detailed	180	7.6	2.896	0.71	48.76	101,420	1.3	28.84	38.13	46.74	58.00	69.10	59,990	79,320	97,210	120,640	143,730
13-0000	Business and Financial Operations Occupations	major	3,200	1.6	51.481	0.77	30.98	64,440	1.3	16.82	20.97	28.54	38.34	50.16	34,990	43,620	59,360	79,740	104,330
13-1020	Buyers and Purchasing Agents	detailed	230	2.2	3.667	1.16	32.37	67,340	0.6	15.19	19.87	28.82	43.20	54.68	31,590	41,330	59,950	89,860	113,730
13-1031	Claims Adjusters, Examiners, and Investigators	detailed	90	9.9	1.389	0.70	26.50	55,110	1.2	16.36	19.91	24.76	29.95	39.53	34,040	41,410	51,500	62,290	82,220
13-1051	Cost Estimators	detailed	60	23.5	0.906	0.64	28.26	58,770	3.8	14.05	21.28	29.40	33.31	40.11	29,230	44,250	61,150	69,280	83,430
13-1071	Human Resources Specialists	detailed	330	2.8	5.285	0.89	27.71	57,640	0.7	17.72	20.96	25.72	33.00	40.18	36,850	43,610	53,490	68,640	83,570
13-1081	Logisticians	detailed	140	4.9	2.286	1.50	32.49	67,580	1.4	22.05	27.52	30.86	34.88	49.71	45,850	57,240	64,190	72,550	103,400
13-1082	Project Management Specialists	detailed	270	12.7	4.414	0.68	37.34	77,670	10.1	20.68	25.94	29.52	40.90	65.76	43,020	53,950	61,400	85,080	136,780
13-1111	Management Analysts	detailed	210	1.0	3.448	0.59	36.43	75,770	1.1	21.95	29.52	34.88	43.20	51.56	45,660	61,400	72,550	89,860	107,240
13-1151	Training and Development Specialists	detailed	40	23.0	0.642	0.23	21.94	45,640	6.1	10.66	15.56	20.96	27.78	33.07	22,160	32,360	43,610	57,790	68,790
13-1161	Market Research Analysts and Marketing Specialists	detailed	90	8.5	1.444	0.26	22.71	47,230	2.6	15.94	17.89	21.13	25.47	29.68	33,150	37,210	43,940	52,980	61,730
13-1199	Business Operations Specialists, All Other	detailed	**	**	**	**	39.57	82,300	0.6	21.02	30.75	39.53	48.77	54.68	43,720	63,960	82,220	101,440	113,730
13-2011	Accountants and Auditors	detailed	500	5.5	8.128	0.87	24.58	51,130	1.2	16.05	18.68	22.64	28.83	35.01	33,380	38,850	47,080	59,970	72,810
13-2053	Insurance Underwriters	detailed	70	9.2	1.080	1.54	21.85	45,450	2.2	14.72	17.25	20.37	24.83	31.89	30,610	35,870	42,360	51,650	66,330
13-2082	Tax Preparers	detailed	30	34.7	0.497	1.04	19.96	41,510	6.3	14.44	17.62	18.49	22.24	26.74	30,040	36,640	38,460	46,260	55,630
15-0000	Computer and Mathematical Occupations	major	810	3.3	13.059	0.39	26.67	55,470	2.0	12.39	15.08	22.61	34.94	49.92	25,760	31,360	47,020	72,680	103,830

OCC_CODE	OCC_TITLE	O_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
15-1232	Computer User Support Specialists	detailed	220	10.6	3.598	0.80	17.44	36,270	5.7	9.41	12.86	15.46	20.00	24.24	19,580	26,740	32,160	41,600	50,430
15-1255	Web and Digital Interface Designers	detailed	30	23.5	0.539	0.75	15.95	33,180	9.7	9.97	10.18	14.82	19.62	24.63	20,740	21,170	30,820	40,810	51,230
17-0000	Architecture and Engineering Occupations	major	1,340	5.8	21.628	1.30	35.27	73,370	1.9	20.97	25.74	32.69	43.17	52.75	43,620	53,550	68,000	89,790	109,720
17-1011	Architects, Except Landscape and Naval	detailed	50	13.6	0.850	1.18	41.33	85,960	4.5	22.28	28.13	45.78	50.88	52.75	46,350	58,510	95,220	105,840	109,720
17-1022	Surveyors	detailed	30	8.6	0.512	1.49	28.45	59,170	5.9	16.53	19.00	26.92	35.18	48.20	34,370	39,520	55,990	73,180	100,260
17-2051	Civil Engineers	detailed	500	13.1	8.023	3.48	36.17	75,240	3.9	24.11	29.37	34.99	44.19	47.18	50,140	61,080	72,770	91,920	98,130
17-2071	Electrical Engineers	detailed	170	16.4	2.795	2.28	33.88	70,470	2.8	22.33	25.81	29.26	40.55	50.96	46,450	53,670	60,850	84,350	106,000
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	detailed	40	21.6	0.657	4.36	39.56	82,290	10.0	21.43	25.82	36.82	42.99	76.44	44,570	53,710	76,590	89,420	158,990
17-2141	Mechanical Engineers	detailed	90	12.5	1.447	0.78	33.29	69,230	4.6	20.20	24.68	29.18	43.00	50.48	42,010	51,330	60,700	89,440	104,990
17-2199	Engineers, All Other	detailed	80	0.9	1.298	1.33	41.96	87,270	0.1	17.06	17.06	43.00	59.66	68.54	35,480	35,480	89,440	124,090	142,560
17-3011	Architectural and Civil Drafters	detailed	70	25.2	1.079	1.52	22.64	47,080	5.1	14.65	17.84	22.80	28.70	29.06	30,470	37,110	47,420	59,690	60,440
17-3031	Surveying and Mapping Technicians	detailed	40	13.9	0.623	1.69	19.48	40,520	4.0	11.32	14.15	17.41	24.86	29.89	23,540	29,430	36,210	51,710	62,170
19-0000	Life, Physical, and Social Science Occupations	major	790	2.8	12.777	1.36	30.30	63,020	1.6	17.39	19.66	26.13	37.32	50.00	36,170	40,890	54,360	77,630	104,000
19-1029	Biological Scientists, All Other	detailed	50	11.4	0.813	2.10	35.85	74,560	3.1	23.56	26.68	36.04	44.59	47.38	49,000	55,480	74,960	92,750	98,550
19-2041	Environmental Scientists and Specialists, Including Health	detailed	100	18.0	1.639	2.98	32.98	68,600	1.4	21.76	25.72	29.89	36.25	45.98	45,260	53,500	62,170	75,400	95,640
19-3051	Urban and Regional Planners	detailed	50	4.0	0.774	2.77	36.38	75,680	1.3	23.14	24.81	40.18	44.59	48.45	48,130	51,600	83,570	92,750	100,770
19-4021	Biological Technicians	detailed	100	11.1	1.642	3.32	21.33	44,360	1.0	16.23	17.40	20.55	24.73	26.86	33,760	36,190	42,740	51,440	55,870

OCC_CODE	OCC_TITLE	O_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
19-5011	Occupational Health and Safety Specialists	detailed	100	12.4	1.597	1.92	34.16	71,050	7.9	15.56	20.52	30.28	50.31	57.69	32,360	42,680	62,980	104,640	119,990
19-5012	Occupational Health and Safety Technicians	detailed	120	4.3	1.993	9.77	20.65	42,950	0.9	17.73	19.12	19.21	22.13	22.36	36,870	39,760	39,950	46,030	46,510
21-0000	Community and Social Service Occupations	major	660	1.9	10.667	0.64	25.19	52,400	1.2	12.37	16.12	23.91	30.64	38.94	25,730	33,540	49,730	63,730	81,000
21-1012	Educational, Guidance, and Career Counselors and Advisors	detailed	40	13.8	0.576	0.26	21.53	44,770	1.6	13.02	13.48	18.69	24.56	34.56	27,090	28,040	38,880	51,080	71,880
21-1021	Child, Family, and School Social Workers	detailed	50	16.2	0.853	0.34	21.86	45,460	3.9	15.27	18.23	19.66	27.40	28.44	31,770	37,920	40,880	56,990	59,160
21-1022	Healthcare Social Workers	detailed	130	2.1	2.012	1.67	28.80	59,900	0.2	22.59	24.85	28.80	33.00	36.25	46,990	51,690	59,900	68,640	75,400
21-1093	Social and Human Service Assistants	detailed	170	1.8	2.769	1.01	18.27	38,010	0.3	12.37	12.37	15.05	23.91	24.81	25,730	25,730	31,300	49,730	51,600
21-2011	Clergy	detailed	40	8.1	0.662	1.76	21.23	44,170	6.5	9.25	13.21	16.56	29.73	32.52	19,240	27,480	34,440	61,850	67,650
23-0000	Legal Occupations	major	310	0.8	4.982	0.60	44.22	91,970	1.8	16.88	22.52	38.75	61.94	79.38	35,100	46,840	80,600	128,840	165,110
23-1011	Lawyers	detailed	160	1.8	2.532	0.52	60.21	125,240	2.2	34.83	45.30	60.10	73.43	87.53	72,450	94,230	125,000	152,730	182,060
23-2011	Paralegals and Legal Assistants	detailed	80	1.4	1.265	0.53	23.69	49,280	0.4	14.68	18.23	21.15	28.06	36.04	30,540	37,920	43,990	58,350	74,960
25-0000	Educational Instruction and Library Occupations	major	1,660	4.4	26.688	0.46	24.60	51,160	2.6	10.44	14.27	18.45	30.92	45.96	21,720	29,680	38,370	64,310	95,590
25-1194	Career/Technical Education Teachers, Postsecondary	detailed	50	19.5	0.839	1.16	27.57	57,350	5.7	18.45	18.45	24.23	40.71	45.96	38,370	38,370	50,390	84,670	95,590
25-2011	Preschool Teachers, Except Special Education	detailed	130	36.5	2.101	0.73	11.25	23,410	6.1	9.68	10.19	10.46	10.89	13.32	20,140	21,190	21,750	22,650	27,710
25-2021	Elementary School Teachers, Except Special Education	detailed	140	2.8	2.268	0.25	*	35,220	3.4	*	*	*	*	*	23,310	28,840	30,810	44,060	49,560

OCC_CODE	OCC_TITLE	O_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
25-2022	Middle School Teachers, Except Special and Career/Technical Education	detailed	60	16.1	1.027	0.26	*	40,900	1.9	*	*	*	*	*	29,270	30,010	38,080	44,750	57,480
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	detailed	230	2.7	3.662	0.53	*	40,790	3.1	*	*	*	*	*	30,350	30,770	36,830	45,810	54,890
25-3099	Teachers and Instructors, All Other	detailed	170	2.5	2.711	3.34	*	45,990	0.9	*	*	*	*	*	31,300	31,300	32,410	32,410	102,920
25-9045	Teaching Assistants, Except Postsecondary	detailed	90	27.1	1.409	0.16	*	23,520	4.4	*	*	*	*	*	20,430	20,490	20,540	22,740	28,210
25-9099	Educational Instruction and Library Workers, All Other	detailed	60	0.8	0.937	1.26	20.14	41,880	0.6	17.40	17.40	17.89	22.10	27.45	36,190	36,190	37,210	45,970	57,100
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	major	490	4.7	7.819	0.57	20.95	43,570	2.0	10.61	13.00	17.85	24.53	35.55	22,070	27,040	37,130	51,030	73,940
27-1024	Graphic Designers	detailed	80	12.5	1.244	0.90	16.48	34,280	3.1	11.82	13.00	15.02	18.93	23.52	24,590	27,040	31,240	39,370	48,920
27-2031	Dancers	detailed	30	39.1	0.504	8.57	18.24	*	22.4	12.05	12.05	12.06	24.77	24.77	*	*	*	*	*
27-4099	Media and Communication Equipment Workers, All Other	detailed	**	**	**	**	35.85	74,570	2.4	12.10	32.67	35.55	41.85	52.95	25,180	67,950	73,940	87,050	110,140
29-0000	Healthcare Practitioners and Technical Occupations	major	2,080	1.8	33.430	0.54	39.15	81,440	2.4	13.75	18.06	25.00	43.99	65.70	28,590	37,560	52,000	91,500	136,650
29-1051	Pharmacists	detailed	70	4.7	1.130	0.53	56.81	118,170	1.0	39.46	48.27	57.95	63.46	75.49	82,080	100,400	120,530	131,990	157,010
29-1141	Registered Nurses	detailed	680	3.1	10.952	0.51	*	*	*	*	*	*	*	*	*	*	*	*	*
29-1171	Nurse Practitioners	detailed	100	16.1	1.541	0.77	47.68	99,170	4.5	19.64	24.95	50.51	62.51	81.22	40,850	51,890	105,060	130,020	168,930
29-1216	General Internal Medicine Physicians	detailed	40	26.0	0.583	1.35	*	*	*	*	*	*	*	*	*	*	*	*	*

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29-1292	Dental Hygienists	detailed	50	39.0	0.766	0.54	29.20	60,730	10.3	17.00	21.73	27.29	36.60	47.59	35,360	45,190	56,770	76,140	99,000
29-2034	Radiologic Technologists and Technicians	detailed	60	31.1	0.908	0.63	25.27	52,560	4.2	13.41	15.05	24.28	33.59	37.50	27,880	31,310	50,510	69,870	78,000
29-2052	Pharmacy Technicians	detailed	130	4.5	2.057	0.65	15.38	31,990	1.1	11.48	13.54	15.07	17.66	19.91	23,880	28,170	31,340	36,730	41,400
29-2061	Licensed Practical and Licensed Vocational Nurses	detailed	140	7.1	2.318	0.57	17.96	37,360	0.8	13.06	13.07	17.38	20.50	22.98	27,170	27,180	36,150	42,640	47,800
29-2072	Medical Records Specialists	detailed	80	10.8	1.322	1.08	17.79	37,010	1.9	12.40	14.20	16.38	19.88	25.24	25,790	29,530	34,060	41,350	52,490
31-0000	Healthcare Support Occupations	major	1,000	3.2	16.068	0.33	15.59	32,430	1.4	10.91	12.68	15.00	17.14	20.44	22,690	26,380	31,200	35,650	42,510
31-1131	Nursing Assistants	detailed	240	2.3	3.819	0.42	16.71	34,750	0.8	13.86	14.67	15.85	20.06	20.06	28,820	30,510	32,970	41,730	41,730
31-9011	Massage Therapists	detailed	40	15.1	0.576	0.93	13.70	28,500	4.7	10.06	11.09	11.09	17.32	17.32	20,930	23,060	23,060	36,030	36,030
31-9091	Dental Assistants	detailed	110	8.0	1.824	0.75	16.76	34,850	5.6	11.69	13.53	17.14	18.90	21.72	24,310	28,140	35,640	39,310	45,170
31-9092	Medical Assistants	detailed	230	10.8	3.778	0.73	15.11	31,430	1.9	12.43	13.72	13.93	16.89	17.19	25,860	28,540	28,970	35,120	35,760
31-9093	Medical Equipment Preparers	detailed	40	21.9	0.612	1.30	20.45	42,540	11.9	11.50	14.80	17.54	23.37	38.03	23,920	30,780	36,480	48,610	79,090
33-0000	Protective Service Occupations	major	3,030	2.3	48.794	2.06	22.56	46,930	1.3	10.62	12.12	19.36	30.26	38.50	22,090	25,220	40,270	62,940	80,080
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	detailed	80	0.7	1.272	2.09	41.49	86,300	0.2	34.17	36.60	40.58	43.47	50.38	71,070	76,130	84,410	90,420	104,790
33-1091	First-Line Supervisors of Security Workers	detailed	90	8.3	1.425	3.12	22.37	46,530	4.1	11.48	12.81	15.54	35.77	39.64	23,880	26,640	32,320	74,400	82,450
33-9032	Security Guards	detailed	1,000	5.6	16.140	2.00	12.36	25,710	1.5	9.96	10.62	10.63	12.89	17.86	20,710	22,090	22,100	26,810	37,150
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	detailed	90	25.9	1.478	1.59	12.66	26,330	6.1	10.30	10.30	10.62	12.75	18.14	21,430	21,430	22,090	26,510	37,740
33-9093	Transportation Security Screeners	detailed	270	0.2	4.379	14.57	27.16	56,480	0.1	14.01	23.56	28.82	31.71	35.55	29,140	49,000	59,950	65,960	73,940



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35-0000	Food Preparation and Serving Related Occupations	major	7,090	2.5	114.107	1.29	11.14	23,170	0.9	9.61	9.79	10.56	10.98	13.51	19,990	20,370	21,960	22,830	28,110
35-1011	Chefs and Head Cooks	detailed	190	13.6	2.988	2.53	21.54	44,800	2.6	13.61	15.19	18.94	25.47	36.24	28,320	31,580	39,390	52,970	75,390
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	detailed	600	7.1	9.611	1.25	13.26	27,570	1.5	10.89	11.29	13.20	14.01	16.42	22,660	23,480	27,460	29,150	34,160
35-2011	Cooks, Fast Food	detailed	600	21.9	9.706	2.24	10.57	21,990	1.1	10.24	10.50	10.63	10.68	10.69	21,300	21,840	22,100	22,220	22,240
35-2012	Cooks, Institution and Cafeteria	detailed	80	5.5	1.235	0.42	14.86	30,910	1.1	11.09	12.80	16.18	16.55	18.21	23,070	26,620	33,640	34,420	37,870
35-2014	Cooks, Restaurant	detailed	1,000	6.5	16.111	1.71	11.70	24,340	1.6	10.44	10.72	11.01	12.64	13.36	21,720	22,290	22,900	26,280	27,780
35-2015	Cooks, Short Order	detailed	70	28.2	1.133	1.16	11.04	22,950	0.9	10.47	10.70	10.75	11.41	11.71	21,780	22,250	22,350	23,740	24,360
35-2021	Food Preparation Workers	detailed	470	14.6	7.495	1.30	10.51	21,850	1.3	9.69	9.92	10.57	10.64	11.72	20,150	20,630	21,990	22,130	24,380
35-3011	Bartenders	detailed	300	22.2	4.786	0.99	10.82	22,510	5.6	9.50	9.61	9.79	10.60	15.90	19,760	20,000	20,370	22,040	33,080
35-3023	Fast Food and Counter Workers	detailed	1,050	19.5	16.923	0.69	10.17	21,150	1.8	9.69	9.75	9.90	10.73	10.75	20,150	20,280	20,580	22,320	22,360
35-3031	Waiters and Waitresses	detailed	1,350	7.4	21.710	1.45	10.26	21,340	1.7	9.53	9.69	9.85	10.59	10.82	19,820	20,140	20,480	22,030	22,500
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	detailed	330	12.3	5.248	1.55	10.71	22,280	1.5	9.69	9.71	10.11	10.20	13.74	20,150	20,200	21,040	21,220	28,580
35-9021	Dishwashers	detailed	310	19.9	5.071	1.66	9.99	20,780	1.1	9.57	9.59	9.72	10.47	10.70	19,910	19,960	20,220	21,780	22,260
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	detailed	300	17.9	4.904	1.77	9.69	20,160	1.3	9.25	9.50	9.58	9.67	9.90	19,240	19,760	19,920	20,110	20,590
35-9099	Food Preparation and Serving Related Workers, All Other	detailed	380	22.9	6.146	10.58	10.64	22,130	1.2	9.69	10.30	10.56	10.67	11.00	20,150	21,430	21,960	22,180	22,870
37-0000	Building and Grounds Cleaning and Maintenance Occupations	major	2,550	2.4	41.014	1.41	12.36	25,710	1.4	9.87	10.29	10.79	14.20	17.30	20,530	21,390	22,440	29,540	35,980

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37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	detailed	160	4.9	2.553	2.25	14.58	30,330	1.7	11.38	11.63	12.96	16.05	19.49	23,670	24,190	26,950	33,380	40,530
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	detailed	**	**	**	**	16.98	35,320	2.8	13.98	15.01	15.69	18.90	19.21	29,070	31,220	32,640	39,300	39,960
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	detailed	820	10.0	13.273	0.93	11.87	24,690	2.6	9.59	9.99	10.67	13.70	14.52	19,940	20,770	22,190	28,490	30,210
37-2012	Maids and Housekeeping Cleaners	detailed	880	6.2	14.086	2.54	10.96	22,800	0.7	9.90	10.11	10.59	10.79	10.98	20,600	21,020	22,040	22,440	22,830
37-2021	Pest Control Workers	detailed	40	3.1	0.660	1.06	14.89	30,980	1.8	11.19	11.19	14.06	17.12	20.72	23,280	23,280	29,240	35,610	43,100
37-3011	Landscaping and Groundskeeping Workers	detailed	590	7.5	9.418	1.54	13.91	28,930	1.8	9.96	10.56	15.10	17.30	17.30	20,720	21,960	31,400	35,980	35,980
39-0000	Personal Care and Service Occupations	major	1,140	7.1	18.413	0.90	12.14	25,250	1.6	9.68	10.10	10.56	13.32	16.22	20,130	21,010	21,960	27,700	33,740
39-1014	First-Line Supervisors of Entertainment and Recreation Workers, Except Gambling Services	detailed	60	18.5	0.910	1.51	14.15	29,430	4.2	10.88	11.03	14.16	16.40	18.07	22,630	22,940	29,440	34,100	37,590
39-1022	First-Line Supervisors of Personal Service Workers	detailed	40	9.7	0.686	0.99	14.52	30,200	1.8	11.99	12.71	13.87	15.41	18.17	24,930	26,430	28,850	32,050	37,790
39-3031	Ushers, Lobby Attendants, and Ticket Takers	detailed	60	14.0	1.006	1.30	10.26	21,340	1.1	9.25	9.59	9.80	11.22	11.22	19,240	19,950	20,380	23,330	23,330
39-3091	Amusement and Recreation Attendants	detailed	240	11.3	3.823	1.59	10.35	21,530	0.9	9.68	9.68	10.11	10.22	11.71	20,130	20,130	21,020	21,260	24,370

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39-5012	Hairdressers, Hairstylists, and Cosmetologists	detailed	140	9.2	2.284	1.19	16.39	34,080	4.5	13.85	14.08	14.77	18.29	22.48	28,810	29,290	30,730	38,040	46,750
39-7010	Tour and Travel Guides	detailed	30	36.3	0.517	1.63	14.80	30,790	7.0	9.81	11.10	14.13	17.21	22.41	20,410	23,090	29,390	35,790	46,610
39-9011	Childcare Workers	detailed	180	39.0	2.927	0.87	10.77	22,390	1.1	10.13	10.19	10.27	10.66	13.25	21,080	21,180	21,350	22,160	27,570
39-9031	Exercise Trainers and Group Fitness Instructors	detailed	30	13.6	0.523	0.27	12.15	25,280	1.9	9.76	9.76	12.12	12.75	15.06	20,300	20,300	25,210	26,520	31,330
39-9032	Recreation Workers	detailed	60	2.5	0.897	0.45	14.71	30,590	0.8	10.92	12.96	13.48	16.22	18.13	22,700	26,960	28,030	33,740	37,710
39-9099	Personal Care and Service Workers, All Other	detailed	**	**	**	**	9.90	20,600	1.0	9.79	9.89	9.89	9.95	10.05	20,360	20,570	20,570	20,690	20,900
41-0000	Sales and Related Occupations	major	4,710	3.2	75.775	0.88	13.73	28,550	1.3	9.78	10.38	11.82	14.41	19.50	20,340	21,590	24,590	29,970	40,550
41-1011	First-Line Supervisors of Retail Sales Workers	detailed	600	7.0	9.612	1.33	17.00	35,360	2.8	11.31	12.51	14.69	19.68	25.65	23,530	26,020	30,550	40,930	53,350
41-1012	First-Line Supervisors of Non-Retail Sales Workers	detailed	50	16.3	0.877	0.62	23.12	48,090	4.7	14.15	14.79	21.38	26.50	33.38	29,430	30,760	44,470	55,130	69,430
41-2011	Cashiers	detailed	1,960	6.6	31.622	1.55	11.45	23,820	1.2	9.72	9.90	10.51	12.63	14.26	20,230	20,600	21,860	26,280	29,660
41-2021	Counter and Rental Clerks	detailed	150	8.3	2.389	0.92	12.01	24,970	2.5	10.25	10.56	11.01	12.77	15.03	21,320	21,960	22,900	26,570	31,270
41-2022	Parts Salespersons	detailed	90	16.6	1.404	0.82	12.89	26,810	7.7	10.05	11.09	11.82	13.31	21.38	20,900	23,070	24,580	27,690	44,460
41-2031	Retail Salespersons	detailed	1,320	5.8	21.301	0.86	13.05	27,140	1.7	10.07	10.49	11.36	15.18	17.71	20,950	21,820	23,640	31,580	36,850
41-3021	Insurance Sales Agents	detailed	40	18.4	0.583	0.19	19.51	40,590	9.1	10.00	13.17	16.84	25.54	29.06	20,800	27,380	35,030	53,110	60,440
41-3041	Travel Agents	detailed	40	20.5	0.571	1.49	16.28	33,870	11.5	10.23	12.60	16.29	20.79	21.72	21,280	26,200	33,870	43,250	45,170
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financial Services, and Travel	detailed	140	10.3	2.323	0.30	21.21	44,110	3.2	11.86	13.92	19.12	24.79	30.55	24,660	28,960	39,760	51,560	63,540

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41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	detailed	220	10.1	3.551	0.43	17.41	36,210	2.7	10.79	12.64	14.43	19.44	28.17	22,430	26,290	30,020	40,440	58,590
43-0000	Office and Administrative Support Occupations	major	8,690	1.6	139.816	1.18	17.55	36,500	0.7	10.72	12.13	15.37	20.74	27.07	22,290	25,230	31,960	43,140	56,300
43-1011	First-Line Supervisors of Office and Administrative Support Workers	detailed	1,110	2.9	17.856	1.84	22.31	46,410	0.8	13.10	15.50	20.10	27.73	33.86	27,240	32,230	41,800	57,680	70,430
43-3011	Bill and Account Collectors	detailed	90	9.0	1.497	1.40	15.88	33,020	2.8	11.20	12.91	14.24	18.57	21.42	23,300	26,850	29,620	38,630	44,550
43-3021	Billing and Posting Clerks	detailed	110	9.6	1.777	0.66	15.07	31,350	3.0	10.54	11.11	13.87	18.13	22.70	21,910	23,110	28,850	37,710	47,210
43-3031	Bookkeeping, Accounting, and Auditing Clerks	detailed	850	4.9	13.618	1.44	15.76	32,770	0.8	10.76	12.26	14.85	18.00	22.03	22,380	25,490	30,890	37,440	45,820
43-3051	Payroll and Timekeeping Clerks	detailed	60	4.4	0.930	0.91	21.89	45,520	1.5	13.03	16.67	23.08	26.47	29.07	27,100	34,670	48,010	55,060	60,470
43-3061	Procurement Clerks	detailed	130	8.1	2.044	5.26	18.08	37,600	2.3	10.20	13.32	16.60	23.56	26.45	21,220	27,700	34,520	49,000	55,020
43-4051	Customer Service Representatives	detailed	750	5.3	12.117	0.69	14.82	30,830	1.4	10.50	11.75	14.10	17.34	19.22	21,840	24,440	29,320	36,070	39,980
43-4061	Eligibility Interviewers, Government Programs	detailed	40	0.0	0.629	0.62	19.92	41,440	0.0	15.56	16.14	19.44	21.64	26.73	32,360	33,570	40,440	45,010	55,590
43-4081	Hotel, Motel, and Resort Desk Clerks	detailed	190	14.6	3.125	1.84	10.61	22,060	1.9	9.71	9.88	10.13	10.97	12.09	20,210	20,560	21,060	22,810	25,140
43-4171	Receptionists and Information Clerks	detailed	270	11.8	4.279	0.68	11.59	24,110	2.4	10.26	10.50	10.98	12.83	13.70	21,340	21,850	22,850	26,690	28,500
43-4199	Information and Record Clerks, All Other	detailed	110	5.2	1.797	1.92	23.46	48,800	1.0	14.88	18.93	23.33	27.57	30.64	30,960	39,380	48,530	57,350	63,730
43-5011	Cargo and Freight Agents	detailed	60	15.5	0.916	1.44	20.03	41,670	4.0	12.42	14.24	17.00	24.85	32.84	25,840	29,610	35,350	51,690	68,310

OCC_CODE	OCC_TITLE	O_GROUP	TOT_EMP	EMP_PRSE	JOBS_1000	LOC_Q	H_MEAN	A_MEAN	MEAN_PRSE	H_PCT10	H_PCT25	H_MEDIAN	H_PCT75	H_PCT90	A_PCT10	A_PCT25	A_MEDIAN	A_PCT75	A_PCT90
43-5021	Couriers and Messengers	detailed	100	10.1	1.603	3.44	12.51	26,020	1.8	10.27	10.38	12.00	13.50	16.67	21,370	21,580	24,960	28,070	34,670
43-5052	Postal Service Mail Carriers	detailed	40	0.0	0.708	0.33	26.71	55,550	0.0	19.33	22.62	24.14	31.03	36.20	40,210	47,050	50,210	64,540	75,300
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	detailed	40	0.0	0.628	0.86	28.45	59,180	0.0	20.48	25.65	27.64	32.12	35.60	42,600	53,350	57,490	66,810	74,050
43-5061	Production, Planning, and Expediting Clerks	detailed	140	7.6	2.199	0.88	24.10	50,140	3.1	13.62	17.82	26.43	29.79	31.73	28,320	37,060	54,980	61,960	66,000
43-5071	Shipping, Receiving, and Inventory Clerks	detailed	550	6.3	8.898	1.60	15.91	33,080	2.1	10.62	11.08	13.56	18.63	26.26	22,080	23,040	28,210	38,740	54,620
43-6011	Executive Secretaries and Executive Administrative Assistants	detailed	100	16.2	1.547	0.50	28.75	59,800	7.2	16.00	20.25	23.15	35.49	48.00	33,280	42,130	48,160	73,830	99,840
43-6012	Legal Secretaries and Administrative Assistants	detailed	50	3.7	0.813	0.81	22.57	46,950	0.4	17.53	19.23	23.39	24.25	31.80	36,460	39,990	48,660	50,440	66,140
43-6013	Medical Secretaries and Administrative Assistants	detailed	300	9.5	4.830	0.90	15.33	31,890	2.4	10.74	12.00	14.22	17.64	20.50	22,340	24,970	29,590	36,690	42,640
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	detailed	1,410	7.9	22.649	2.01	18.17	37,790	1.9	11.65	13.59	16.86	21.64	25.21	24,220	28,270	35,080	45,010	52,430
43-9021	Data Entry Keyers	detailed	110	12.5	1.748	1.99	13.35	27,770	3.1	9.78	11.59	13.28	14.50	17.52	20,330	24,110	27,620	30,160	36,440
43-9041	Insurance Claims and Policy Processing Clerks	detailed	90	7.2	1.441	0.97	13.16	27,380	2.5	10.19	10.52	11.65	14.72	17.66	21,190	21,880	24,220	30,620	36,740
43-9061	Office Clerks, General	detailed	730	5.1	11.744	0.72	13.35	27,760	0.9	9.57	11.09	12.37	14.37	18.08	19,900	23,070	25,730	29,890	37,610
43-9199	Office and Administrative Support Workers, All Other	detailed	60	1.1	1.030	0.81	20.74	43,140	0.3	11.67	11.67	20.92	24.73	35.55	24,270	24,270	43,510	51,440	73,940

OCC_CODE	OCC_TITLE	O_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
45-0000	Farming, Fishing, and Forestry Occupations	major	40	22.7	0.636	0.22	20.39	42,410	9.2	10.99	11.50	17.86	25.48	33.71	22,850	23,920	37,150	53,000	70,120
47-0000	Construction and Extraction Occupations	major	6,970	4.1	112.143	2.72	19.00	39,520	1.5	14.40	16.37	17.54	20.93	24.24	29,950	34,040	36,480	43,530	50,420
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	detailed	450	7.6	7.244	1.39	29.61	61,580	4.0	18.37	23.38	26.67	33.11	44.71	38,210	48,630	55,470	68,860	92,990
47-2031	Carpenters	detailed	1,460	7.0	23.442	5.18	18.45	38,380	1.8	16.15	16.59	17.49	19.41	22.75	33,590	34,510	36,380	40,370	47,310
47-2051	Cement Masons and Concrete Finishers	detailed	780	10.1	12.631	9.49	17.30	35,990	2.7	15.74	16.01	16.37	16.97	22.00	32,750	33,300	34,040	35,290	45,760
47-2061	Construction Laborers	detailed	790	10.2	12.755	1.86	14.28	29,710	2.8	10.60	11.85	13.85	16.16	17.98	22,040	24,640	28,810	33,610	37,400
47-2073	Operating Engineers and Other Construction Equipment Operators	detailed	570	6.0	9.113	2.99	20.33	42,290	1.6	16.51	18.15	18.87	22.09	25.50	34,340	37,760	39,260	45,950	53,050
47-2111	Electricians	detailed	920	5.6	14.756	3.06	20.69	43,040	0.6	18.51	18.68	20.00	21.48	24.12	38,500	38,860	41,590	44,680	50,170
47-2141	Painters, Construction and Maintenance	detailed	320	25.7	5.192	3.57	18.06	37,560	5.4	14.21	14.87	16.81	21.94	23.32	29,550	30,930	34,950	45,620	48,500
47-2152	Plumbers, Pipefitters, and Steamfitters	detailed	440	6.5	7.090	2.40	19.33	40,210	1.3	17.06	17.06	18.23	19.42	24.41	35,490	35,490	37,920	40,390	50,760
47-2171	Reinforcing Iron and Rebar Workers	detailed	460	15.1	7.347	80.09	17.65	36,710	0.6	17.15	17.23	17.48	17.64	18.18	35,660	35,830	36,370	36,700	37,810
47-2181	Roofers	detailed	**	**	**	**	17.70	36,810	1.9	17.21	17.21	17.21	17.75	20.55	35,790	35,790	35,800	36,910	42,740
47-2211	Sheet Metal Workers	detailed	140	16.9	2.289	3.00	18.93	39,380	2.9	17.63	17.65	18.26	19.18	22.26	36,670	36,700	37,980	39,890	46,310
47-2221	Structural Iron and Steel Workers	detailed	170	11.9	2.671	6.36	17.29	35,970	1.6	15.75	15.75	15.75	18.00	20.00	32,760	32,760	32,760	37,440	41,600
47-3013	Helpers--Electricians	detailed	40	27.5	0.580	1.39	14.31	29,770	3.3	11.50	11.50	13.89	16.20	17.66	23,910	23,910	28,880	33,700	36,730

OCC_CODE	OCC_TITLE	O_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
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	detailed	60	35.5	0.976	3.45	13.84	28,790	9.5	10.53	10.53	13.50	17.07	17.07	21,890	21,890	28,080	35,500	35,500
47-4011	Construction and Building Inspectors	detailed	40	14.5	0.694	0.78	26.07	54,220	2.2	18.20	20.35	23.08	31.25	32.66	37,860	42,330	48,010	65,000	67,930
47-4041	Hazardous Materials Removal Workers	detailed	30	28.7	0.502	1.53	*	*	*	*	*	*	*	*	*	*	*	*	*
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	detailed	**	**	**	**	22.32	46,430	2.5	16.50	16.83	21.17	26.20	27.15	34,320	35,010	44,030	54,500	56,470
49-0000	Installation, Maintenance, and Repair Occupations	major	3,590	2.8	57.792	1.47	19.88	41,340	0.7	11.13	13.59	17.43	23.84	30.61	23,140	28,270	36,260	49,580	63,660
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	detailed	330	6.8	5.366	1.38	24.69	51,360	1.9	14.00	15.99	22.88	31.69	39.62	29,120	33,270	47,600	65,920	82,410
49-2011	Computer, Automated Teller, and Office Machine Repairers	detailed	60	16.3	0.959	2.03	14.97	31,140	5.4	10.60	10.81	13.91	17.87	21.68	22,050	22,480	28,930	37,180	45,090
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	detailed	90	37.8	1.391	18.80	19.86	41,310	6.0	16.34	17.63	17.63	22.34	25.38	33,990	36,660	36,660	46,470	52,780
49-2098	Security and Fire Alarm Systems Installers	detailed	50	7.7	0.805	1.52	18.70	38,900	1.7	11.76	15.60	17.12	23.65	24.16	24,470	32,450	35,600	49,200	50,260
49-3011	Aircraft Mechanics and Service Technicians	detailed	90	4.8	1.378	1.56	*	*	*	*	*	*	*	*	*	*	*	*	*
49-3023	Automotive Service Technicians and Mechanics	detailed	180	12.0	2.964	0.66	19.30	40,150	4.3	10.69	12.80	19.69	23.55	27.67	22,230	26,620	40,950	48,980	57,540

OCC_CODE	OCC_TITLE	O_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
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	detailed	290	7.1	4.680	4.00	22.62	47,050	2.1	15.06	19.41	20.66	27.87	29.94	31,330	40,370	42,980	57,970	62,260
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	detailed	40	14.0	0.584	2.63	17.07	35,510	3.6	11.95	12.70	16.69	20.44	25.31	24,860	26,410	34,710	42,510	52,640
49-3093	Tire Repairers and Changers	detailed	50	37.5	0.861	1.25	12.90	26,840	5.6	11.13	11.13	12.98	13.71	17.65	23,150	23,150	27,000	28,530	36,710
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	detailed	240	15.4	3.928	1.53	21.06	43,800	2.2	14.00	16.20	18.74	23.77	30.47	29,120	33,700	38,980	49,430	63,380
49-9041	Industrial Machinery Mechanics	detailed	140	4.7	2.275	0.83	26.06	54,210	1.1	17.58	22.31	26.47	29.92	31.79	36,560	46,400	55,060	62,230	66,120
49-9043	Maintenance Workers, Machinery	detailed	30	7.9	0.555	1.51	21.93	45,610	3.0	13.75	19.04	21.29	25.72	29.10	28,610	39,610	44,280	53,500	60,520
49-9051	Electrical Power-Line Installers and Repairers	detailed	50	2.6	0.757	0.94	25.14	52,280	1.1	17.98	17.98	22.97	30.72	36.68	37,400	37,400	47,770	63,900	76,290
49-9062	Medical Equipment Repairers	detailed	30	14.6	0.555	1.41	19.81	41,200	6.8	16.00	16.00	17.41	24.12	27.60	33,290	33,290	36,220	50,170	57,420
49-9071	Maintenance and Repair Workers, General	detailed	990	5.5	15.978	1.61	15.34	31,910	1.4	10.58	11.85	14.03	16.83	20.46	22,010	24,640	29,190	35,010	42,560
49-9092	Commercial Divers	detailed	30	39.7	0.497	22.37	22.38	46,540	2.4	13.65	16.69	23.76	26.64	26.75	28,390	34,710	49,420	55,410	55,650
49-9098	Helpers--Installation, Maintenance, and Repair Workers	detailed	350	7.2	5.636	8.91	13.02	27,070	2.0	10.23	10.70	11.87	14.19	18.05	21,270	22,260	24,680	29,520	37,550
49-9099	Installation, Maintenance, and Repair Workers, All Other	detailed	70	15.0	1.091	0.92	24.73	51,440	4.4	12.24	15.50	26.40	33.54	37.57	25,460	32,240	54,910	69,760	78,150
51-0000	Production Occupations	major	1,690	4.4	27.190	0.48	17.39	36,170	1.3	10.41	11.32	14.37	20.97	27.51	21,640	23,550	29,890	43,610	57,220



OCC_CODE	OCC_TITLE	O_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
51-1011	First-Line Supervisors of Production and Operating Workers	detailed	100	6.9	1.621	0.36	30.84	64,150	3.2	14.91	18.02	32.67	38.59	49.31	31,000	37,480	67,950	80,270	102,570
51-3011	Bakers	detailed	160	13.4	2.582	1.72	*	*	*	*	*	*	*	*	*	*	*	*	*
51-3021	Butchers and Meat Cutters	detailed	60	19.8	0.996	1.10	16.97	35,290	4.5	12.97	12.97	13.36	20.69	25.35	26,970	26,980	27,790	43,040	52,730
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	detailed	60	33.7	1.006	1.10	12.90	26,830	1.4	11.37	11.50	12.40	14.08	14.25	23,650	23,910	25,800	29,290	29,650
51-4121	Welders, Cutters, Solderers, and Brazers	detailed	330	8.1	5.280	1.92	20.71	43,080	0.6	18.45	18.87	19.21	21.57	25.76	38,380	39,250	39,950	44,860	53,580
51-5112	Printing Press Operators	detailed	30	9.8	0.546	0.58	13.74	28,580	1.8	10.00	11.33	12.63	16.46	17.05	20,800	23,570	26,260	34,230	35,470
51-6011	Laundry and Dry-Cleaning Workers	detailed	110	7.2	1.727	1.36	10.98	22,830	1.4	10.18	10.73	10.73	10.80	12.61	21,180	22,310	22,310	22,460	26,220
51-8031	Water and Wastewater Treatment Plant and System Operators	detailed	40	3.4	0.658	0.80	21.83	45,410	2.2	16.50	16.83	20.96	26.20	31.34	34,320	35,010	43,600	54,500	65,190
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	detailed	40	17.3	0.628	0.16	21.29	44,270	3.5	10.68	17.63	22.59	26.69	27.23	22,220	36,660	46,990	55,520	56,640
51-9198	Helpers--Production Workers	detailed	280	6.1	4.498	4.14	11.53	23,990	0.7	10.10	10.47	11.32	12.47	12.60	21,000	21,780	23,550	25,940	26,210
53-0000	Transportation and Material Moving Occupations	major	4,520	2.9	72.687	0.82	19.07	39,660	1.2	10.12	10.55	13.15	18.70	30.80	21,050	21,940	27,350	38,890	64,060
53-1047	First-Line Supervisors of Transportation and Material Moving Workers, Except Aircraft Cargo Handling Supervisors	detailed	180	7.0	2.962	0.75	22.55	46,890	3.4	12.26	13.92	18.49	27.60	38.51	25,500	28,950	38,460	57,400	80,090
53-2021	Air Traffic Controllers	detailed	40	13.3	0.673	4.63	46.32	96,340	8.0	23.88	25.71	52.02	60.97	73.73	49,670	53,480	108,200	126,820	153,360

OCC_CODE	OCC_TITLE	O_GROUP	TOT_EMP	EMP_PRSE	JOBS_1000	LOC_Q	H_MEAN	A_MEAN	MEAN_PRSE	H_PCT10	H_PCT25	H_MEDIAN	H_PCT75	H_PCT90	A_PCT10	A_PCT25	A_MEDIAN	A_PCT75	A_PCT90
53-3031	Driver/Sales Workers	detailed	190	30	3.136	1.16	11.75	24,450	4.3	10.18	10.18	10.49	13	15.19	21,170	21,170	21,820	27,050	31,590
53-3032	Heavy and Tractor-Trailer Truck Drivers	detailed	490	6.3	7.901	0.59	18.54	38,560	1.3	14.57	16.77	17.88	20.09	22.71	30,300	34,890	37,190	41,790	47,230
53-3033	Light Truck Drivers	detailed	380	10	6.142	0.95	12.68	26,380	1.8	10.32	11	11.5	13.56	15.61	21,470	22,880	23,930	28,210	32,460
53-3053	Shuttle Drivers and Chauffeurs	detailed	110	7.3	1.808	1.21	12.2	25,380	4.2	10.27	10.27	12.48	13.15	15.05	21,360	21,360	25,960	27,350	31,300
53-5021	Captains, Mates, and Pilots of Water Vessels	detailed	30	18	0.499	2.17	36.78	76,500	5.9	17.38	22.63	30	52.8	56.7	36,140	47,060	62,400	109,810	117,940
53-5022	Motorboat Operators	detailed	30	34.1	0.528	34.19	20.71	43,090	7.6	11.44	15	19.83	26.39	29.09	23,790	31,200	41,240	54,900	60,510
53-7021	Crane and Tower Operators	detailed	50	9.4	0.827	3.04	29.7	61,770	1.5	22.81	26.76	28.69	33.59	35.72	47,450	55,660	59,680	69,860	74,300
53-7051	Industrial Truck and Tractor Operators	detailed	60	9.5	0.979	0.19	18.37	38,210	4.4	11.5	12.28	15.87	23.79	28.72	23,910	25,550	33,000	49,490	59,740
53-7061	Cleaners of Vehicles and Equipment	detailed	160	9.4	2.508	1.03	10.64	22,130	1	10.02	10.38	10.49	10.75	10.88	20,850	21,600	21,810	22,360	22,640
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	detailed	490	5.6	7.916	0.41 *			* *	*	*	*	*	*	*	*	*	*	*
53-7064	Packers and Packagers, Hand	detailed	160	15.5	2.595	0.67	10.67	22,190	1.4	9.66	9.88	10.1	11.33	11.78	20,100	20,560	21,010	23,560	24,490
53-7065	Stockers and Order Fillers	detailed	1,190	5.4	19.217	1.07	12.31	25,590	0.8	10.05	10.17	10.67	12.74	17.31	20,910	21,140	22,200	26,500	36,000

# May 2024 OEWS Estimates

## Occupational Employment and Wage Statistics (OEWS) Survey

Bureau of Labor Statistics, Department of Labor

website: [www.bls.gov/oes](http://www.bls.gov/oes)

email: [oesinfo@bls.gov](mailto:oesinfo@bls.gov)

**Not all fields are available for every type of estimate**

Field	Field Description
area	U.S. (99), state FIPS code, Metropolitan Statistical Area (MSA) or New England City and Town Area (NECTA) code, or OEWS-specific nonmetropolitan area code
area_title	Area name
area_type	Area type: 1= U.S.; 2= State; 3= U.S. Territory; 4= Metropolitan Statistical Area (MSA) or New England City and Town Area (NECTA); 6= Nonmetropolitan Area
prim_state	The primary state for the given area. "US" is used for the national estimates.
naics	North American Industry Classification System (NAICS) code for the given industry
naics_title	North American Industry Classification System (NAICS) title for the given industry
i_group	Industry level. Indicates cross-industry or NAICS sector, 3-digit, 4-digit, 5-digit, or 6-digit industry. For industries that OEWS no longer publishes at the 4-digit NAICS level, the "4-digit" designation indicates the most detailed industry breakdown available: either a standard NAICS 3-digit industry or an OEWS-specific combination of 4-digit industries. Industries that OEWS has aggregated to the 3-digit NAICS level (for example, NAICS 327000) will appear twice, once with the "3-digit" and once with the "4-digit" designation.
own_code	Ownership type: 1= Federal Government; 2= State Government; 3= Local Government; 123= Federal, State, and Local Government; 235=Private, State, and Local Government; 35 = Private and Local Government; 5= Private; 57=Private, Local Government Gambling Establishments (Sector 71), and Local Government Casino Hotels (Sector 72); 58= Private plus State and Local Government Hospitals; 59= Private and Postal Service; 1235= Federal, State, and Local Government and Private Sector
occ_code	The 6-digit Standard Occupational Classification (SOC) code or OEWS-specific code for the occupation
occ_title	SOC title or OEWS-specific title for the occupation
o_group	SOC occupation level. For most occupations, this field indicates the standard SOC major, minor, broad, and detailed levels, in addition to all-occupations totals. For occupations that OEWS no longer publishes at the SOC detailed level, the "detailed" designation indicates the most detailed data available: either a standard SOC broad occupation or an OEWS-specific combination of detailed occupations. Occupations that OEWS has aggregated to the SOC broad occupation level will appear in the file twice, once with the "broad" and once with the "detailed" designation.
tot_emp	Estimated total employment rounded to the nearest 10 (excludes self-employed).
emp_prse	Percent relative standard error (PRSE) for the employment estimate. PRSE is a measure of sampling error, expressed as a percentage of the corresponding estimate. Sampling error occurs when values for a population are estimated from a sample survey of the population, rather than calculated from data for all members of the population. Estimates with lower PRSEs are typically more precise in the presence of sampling error.
jobs_1000	The number of jobs (employment) in the given occupation per 1,000 jobs in the given area. Only available for the state and MSA estimates; otherwise, this column is blank.
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 available for the state, metropolitan area, and nonmetropolitan area estimates; otherwise, this column is blank.
pct_total	Percent of industry employment in the given occupation. Percents may not sum to 100 because the totals may include data for occupations that could not be published separately. Only available for the national industry estimates; otherwise, this column is blank.
pct_rpt	Percent of establishments reporting the given occupation for the cell. Only available for the national industry estimates; otherwise, this column is blank.
h_mean	Mean hourly wage
a_mean	Mean annual wage
mean_prse	Percent relative standard error (PRSE) for the mean wage estimate. PRSE is a measure of sampling error, expressed as a percentage of the corresponding estimate. Sampling error occurs when values for a population are estimated from a sample survey of the population, rather than calculated from data for all members of the population. Estimates with lower PRSEs are typically more precise in the presence of sampling error.
h_pct10	Hourly 10th percentile wage
h_pct25	Hourly 25th percentile wage
h_median	Hourly median wage (or the 50th percentile)

## May 2024 OEWS Estimates

### Occupational Employment and Wage Statistics (OEWS) Survey

Bureau of Labor Statistics, Department of Labor

website: [www.bls.gov/oes](http://www.bls.gov/oes)

email: [oewsinfo@bls.gov](mailto:oewsinfo@bls.gov)

#### Not all fields are available for every type of estimate

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 annual wages are released. The OEWS 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 hourly wages are released. The OEWS program releases only hourly wages for some occupations that typically work fewer than 2,080 hours per year and are paid on an hourly basis, such as actors, dancers, and musicians and singers.

#### Notes:

\* = indicates that a wage estimate is not available

\*\* = indicates that an employment estimate is not available

# = indicates a wage equal to or greater than \$115.00 per hour or \$239,200 per year

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