



MISSISSIPPI DEPARTMENT *of* EMPLOYMENT SECURITY

Helping Mississippians Get Jobs

Pascagoula MSA

2015

Occupational Employment and Wage Estimates

Created by the
Labor Market Information Department

*in cooperation with the
U. S. Bureau of Labor Statistics*

Occupational Employment and Wage Estimates 2015

Pascagoula MSA

Table of Contents

SOC Code	Occupational Group	Page
00-0000	All Occupations	1
11-0000	Management Occupations	1
13-0000	Business and Financial Operations Occupations	1
15-0000	Computer and Mathematical Occupations	2
17-0000	Architecture and Engineering Occupations	2
19-0000	Life, Physical, and Social Science Occupations	3
21-0000	Community and Social Service Occupations	3
23-0000	Legal Occupations	3
25-0000	Education, Training, and Library Occupations	3
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	4
29-0000	Healthcare Practitioners and Technical Occupations	4
31-0000	Healthcare Support Occupations	5
33-0000	Protective Service Occupations	5
35-0000	Food Preparation and Serving Related Occupations	5
37-0000	Building and Grounds Cleaning and Maintenance Occupations	6
39-0000	Personal Care and Service Occupations	6
41-0000	Sales and Related Occupations	7
43-0000	Office and Administrative Support Occupations	7
45-0000	Farming, Fishing, and Forestry Occupations	9
47-0000	Construction and Extraction Occupations	9
49-0000	Installation, Maintenance, and Repair Occupations	9
51-0000	Production Occupations	10
53-0000	Transportation and Material Moving Occupations	10
<i>Technical Notes for OES Estimates</i>		Appendix

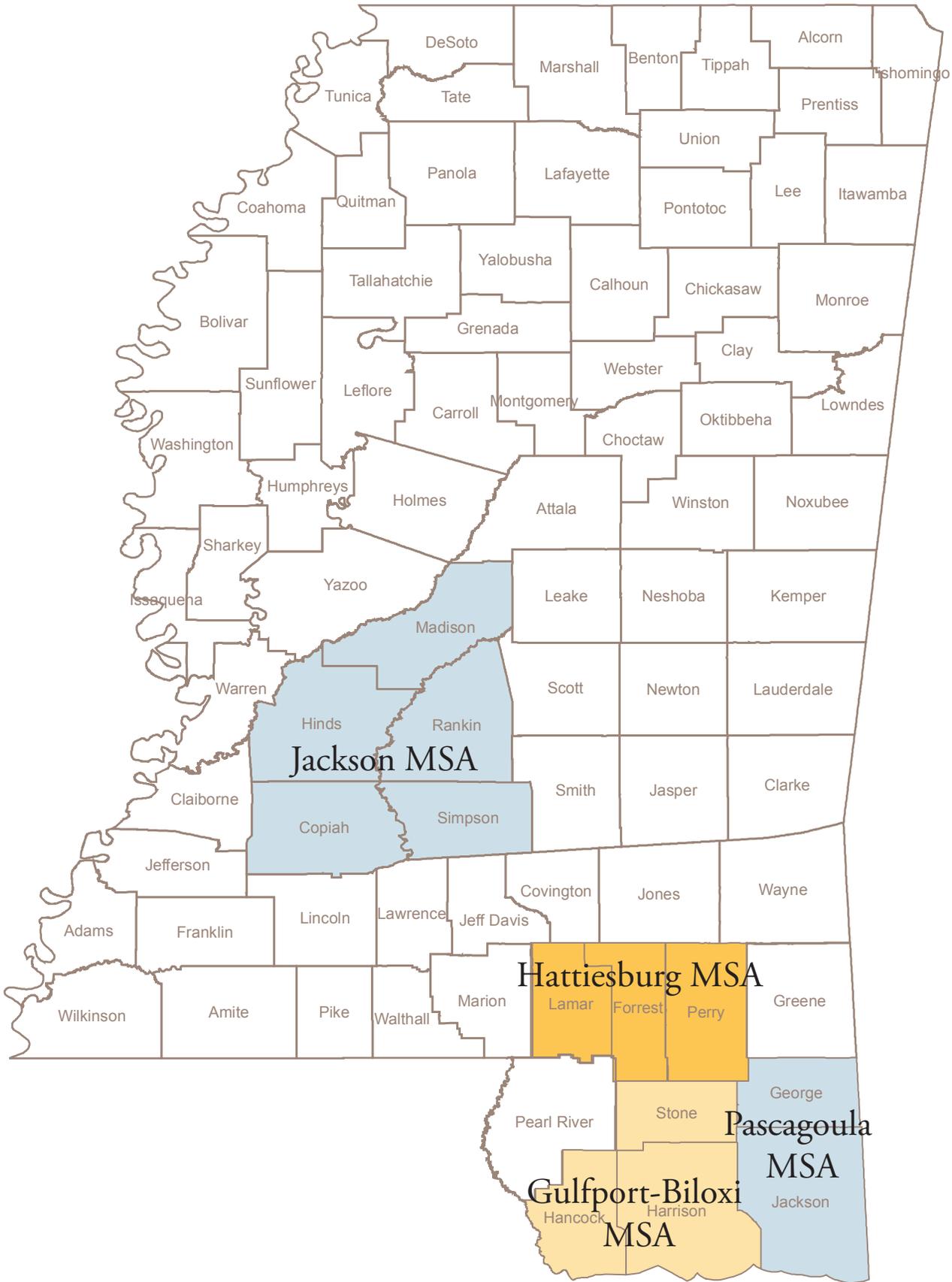
NOTE: The Pascagoula Metropolitan Statistical Area represents the following counties:

George and Jackson

Resources	Link
<i>Glossary</i>	BLS website
<i>Occupation Definitions</i>	BLS website

Map on following pages show counties included in the MSAs.

**This data is based on the survey panels collected
over a 3-year period ending with the May 2014 panel.**



Jackson MSA

Hattiesburg MSA

Gulfport-Biloxi MSA

Pascagoula MSA

SOC Code	SOC Title	Employment	Average Wage		Entry Level Wage		Experienced Wage	
			Hourly	Annual	Hourly	Annual	Hourly	Annual
00-0000	Total all occupations	54,190	\$21.21	\$44,120	\$9.67	\$20,110	\$26.98	\$56,130
11-0000	Management Occupations	2,740	\$44.22	\$91,970	\$24.56	\$51,080	\$54.04	\$112,410
11-1011	Chief Executives	50	\$62.22	\$129,420	\$28.37	\$59,010	\$79.14	\$164,620
11-1021	General and Operations Managers	770	\$45.95	\$95,580	\$23.23	\$48,320	\$57.31	\$119,210
11-1031	Legislators	20	N/A	\$30,930	N/A	\$16,830	N/A	\$37,990
11-2022	Sales Managers	40	\$47.86	\$99,540	\$25.41	\$52,860	\$59.08	\$122,890
11-3011	Administrative Services Managers	140	\$35.25	\$73,330	\$16.75	\$34,830	\$44.51	\$92,570
11-3021	Computer and Information Systems Managers	90	\$52.18	\$108,530	\$31.35	\$65,210	\$62.59	\$130,180
11-3031	Financial Managers	170	\$40.57	\$84,390	\$21.69	\$45,110	\$50.02	\$104,040
11-3061	Purchasing Managers	90	\$47.01	\$97,770	\$35.24	\$73,290	\$52.89	\$110,010
11-3071	Transportation, Storage, and Distribution Managers	50	\$37.72	\$78,460	\$25.57	\$53,180	\$43.80	\$91,100
11-3111	Compensation and Benefits Managers	20	\$30.06	\$62,520	\$23.14	\$48,120	\$33.52	\$69,720
11-3121	Human Resources Managers	60	\$40.44	\$84,110	\$24.89	\$51,770	\$48.22	\$100,290
11-3131	Training and Development Managers	20	\$45.33	\$94,280	\$31.21	\$64,930	\$52.38	\$108,960
11-9021	Construction Managers	220	\$36.04	\$74,970	\$27.84	\$57,900	\$40.15	\$83,510
11-9031	Education Administrators, Preschool and Childcare Center/Program	20	\$18.45	\$38,370	\$14.77	\$30,720	\$20.29	\$42,200
11-9032	Education Administrators, Elementary and Secondary School	110	N/A	\$81,300	N/A	\$67,720	N/A	\$88,090
11-9051	Food Service Managers	20	\$24.77	\$51,520	\$16.06	\$33,410	\$29.12	\$60,570
11-9111	Medical and Health Services Managers	110	\$40.83	\$84,920	\$27.98	\$58,200	\$47.25	\$98,280
11-9141	Property, Real Estate, and Community Association Managers	40	\$20.35	\$42,330	\$11.88	\$24,720	\$24.58	\$51,130
13-0000	Business and Financial Operations Occupations	1,980	\$29.75	\$61,890	\$17.70	\$36,810	\$35.78	\$74,420
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	210	\$30.36	\$63,150	\$21.49	\$44,700	\$34.79	\$72,370
13-1031	Claims Adjusters, Examiners, and Investigators	20	N/A	N/A	N/A	N/A	N/A	N/A
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	60	\$26.44	\$54,990	\$15.55	\$32,340	\$31.88	\$66,320
13-1051	Cost Estimators	130	\$31.57	\$65,660	\$20.43	\$42,500	\$37.14	\$77,250

[<- Back To Table of Contents](#)

NOTE: Wage estimates are produced in cooperation with the U.S. Bureau of Labor Statistics. Totals may not add due to rounding and confidentiality suppressions.

SOC Code	SOC Title	Employment	Average Wage		Entry Level Wage		Experienced Wage	
			Hourly	Annual	Hourly	Annual	Hourly	Annual
13-1071	Human Resources Specialists	110	\$23.20	\$48,250	\$13.21	\$27,480	\$28.19	\$58,630
13-1075	Labor Relations Specialists	30	\$29.51	\$61,390	\$24.73	\$51,440	\$31.91	\$66,370
13-1111	Management Analysts	140	\$35.48	\$73,800	\$25.17	\$52,350	\$40.64	\$84,530
13-1141	Compensation, Benefits, and Job Analysis Specialists	20	\$22.57	\$46,950	\$16.46	\$34,230	\$25.63	\$53,310
13-1151	Training and Development Specialists	80	\$30.29	\$63,000	\$19.81	\$41,210	\$35.53	\$73,890
13-1161	Market Research Analysts and Marketing Specialists	40	\$24.02	\$49,950	\$14.68	\$30,540	\$28.68	\$59,660
13-1199	Business Operations Specialists, All Other	260	\$32.53	\$67,650	\$21.55	\$44,820	\$38.02	\$79,070
13-2011	Accountants and Auditors	250	\$28.53	\$59,350	\$17.97	\$37,380	\$33.82	\$70,340
13-2021	Appraisers and Assessors of Real Estate	20	\$16.88	\$35,100	\$12.26	\$25,500	\$19.19	\$39,910
13-2051	Financial Analysts	50	\$35.93	\$74,730	\$27.15	\$56,470	\$40.32	\$83,860
13-2071	Credit Counselors	20	\$16.49	\$34,300	\$13.49	\$28,050	\$17.99	\$37,430
13-2072	Loan Officers	80	\$18.46	\$38,400	\$13.54	\$28,150	\$20.93	\$43,530
13-2081	Tax Examiners and Collectors, and Revenue Agents	20	\$15.09	\$31,390	\$10.56	\$21,960	\$17.36	\$36,100
13-2082	Tax Preparers	N/A	\$15.06	\$31,310	\$8.54	\$17,750	\$18.31	\$38,090
13-2099	Financial Specialists, All Other	40	\$27.53	\$57,260	\$14.17	\$29,460	\$34.21	\$71,160
15-0000	Computer and Mathematical Occupations	1,090	\$32.98	\$68,610	\$22.07	\$45,900	\$38.44	\$79,960
15-1121	Computer Systems Analysts	70	\$31.97	\$66,500	\$21.41	\$44,530	\$37.25	\$77,490
15-1131	Computer Programmers	60	\$32.44	\$67,470	\$21.92	\$45,580	\$37.70	\$78,420
15-1132	Software Developers, Applications	230	\$41.28	\$85,870	\$30.97	\$64,410	\$46.44	\$96,590
15-1133	Software Developers, Systems Software	40	\$38.60	\$80,290	\$25.12	\$52,260	\$45.34	\$94,300
15-1141	Database Administrators	30	\$29.84	\$62,060	\$21.80	\$45,350	\$33.85	\$70,420
15-1142	Network and Computer Systems Administrators	70	\$35.85	\$74,560	\$23.87	\$49,650	\$41.83	\$87,010
15-1151	Computer User Support Specialists	100	\$18.27	\$38,000	\$11.10	\$23,080	\$21.86	\$45,460
15-1152	Computer Network Support Specialists	20	\$20.74	\$43,140	\$16.80	\$34,940	\$22.71	\$47,230
17-0000	Architecture and Engineering Occupations	1,690	\$39.55	\$82,260	\$24.41	\$50,780	\$47.12	\$98,010

[<-- Back To Table of Contents](#)

NOTE: Wage estimates are produced in cooperation with the U.S. Bureau of Labor Statistics. Totals may not add due to rounding and confidentiality suppressions.

SOC Code	SOC Title	Employment	Average Wage		Entry Level Wage		Experienced Wage	
			Hourly	Annual	Hourly	Annual	Hourly	Annual
17-1022	Surveyors	40	\$22.90	\$47,640	\$17.69	\$36,790	\$25.51	\$53,070
17-2041	Chemical Engineers	30	N/A	N/A	N/A	N/A	N/A	N/A
17-2051	Civil Engineers	40	\$32.69	\$67,990	\$22.22	\$46,210	\$37.92	\$78,880
17-2071	Electrical Engineers	130	\$43.74	\$90,990	\$33.24	\$69,130	\$49.00	\$101,910
17-2121	Marine Engineers and Naval Architects	130	\$40.95	\$85,180	\$32.91	\$68,450	\$44.98	\$93,550
17-2141	Mechanical Engineers	120	\$41.72	\$86,780	\$31.71	\$65,950	\$46.73	\$97,200
17-3011	Architectural and Civil Drafters	40	\$22.46	\$46,710	\$14.94	\$31,080	\$26.21	\$54,520
17-3012	Electrical and Electronics Drafters	N/A	\$28.69	\$59,680	\$18.28	\$38,030	\$33.90	\$70,510
17-3013	Mechanical Drafters	N/A	\$25.44	\$52,910	\$18.79	\$39,080	\$28.76	\$59,820
17-3022	Civil Engineering Technicians	40	\$17.93	\$37,290	\$14.14	\$29,410	\$19.82	\$41,230
19-0000	Life, Physical, and Social Science Occupations	240	\$36.82	\$76,580	\$19.65	\$40,860	\$45.40	\$94,440
19-2031	Chemists	20	\$35.61	\$74,080	\$17.79	\$37,000	\$44.53	\$92,620
19-3031	Clinical, Counseling, and School Psychologists	30	\$20.92	\$43,500	\$15.05	\$31,300	\$23.85	\$49,600
19-4031	Chemical Technicians	30	\$24.56	\$51,090	\$20.26	\$42,150	\$26.71	\$55,550
21-0000	Community and Social Services Occupations	350	\$19.77	\$41,130	\$13.07	\$27,180	\$23.13	\$48,100
21-1012	Educational, Guidance, School, and Vocational Counselors	60	\$25.70	\$53,460	\$20.49	\$42,630	\$28.31	\$58,870
21-1021	Child, Family, and School Social Workers	110	\$17.13	\$35,620	\$13.15	\$27,350	\$19.11	\$39,760
21-1022	Healthcare Social Workers	40	\$23.15	\$48,160	\$14.80	\$30,790	\$27.33	\$56,850
21-1023	Mental Health and Substance Abuse Social Workers	N/A	\$18.03	\$37,510	\$15.92	\$33,110	\$19.09	\$39,700
21-1093	Social and Human Service Assistants	50	\$13.18	\$27,410	\$9.45	\$19,660	\$15.04	\$31,290
23-0000	Legal Occupations	220	\$26.91	\$55,980	\$14.83	\$30,860	\$32.95	\$68,540
23-1011	Lawyers	110	\$35.72	\$74,300	\$21.60	\$44,920	\$42.78	\$88,990
23-2011	Paralegals and Legal Assistants	90	\$19.44	\$40,430	\$15.46	\$32,160	\$21.43	\$44,570
25-0000	Education, Training, and Library Occupations	3,070	\$17.84	\$37,110	\$10.05	\$20,900	\$21.74	\$45,210
25-2011	Preschool Teachers, Except Special Education	70	\$13.59	\$28,260	\$8.29	\$17,240	\$16.24	\$33,780

[<-- Back To Table of Contents](#)

SOC Code	SOC Title	Employment	Average Wage		Entry Level Wage		Experienced Wage	
			Hourly	Annual	Hourly	Annual	Hourly	Annual
25-2012	Kindergarten Teachers, Except Special Education	110	N/A	\$44,240	N/A	\$36,930	N/A	\$47,890
25-2021	Elementary School Teachers, Except Special Education	750	N/A	\$43,620	N/A	\$35,040	N/A	\$47,900
25-2022	Middle School Teachers, Except Special and Career/Technical Educa	380	N/A	\$44,550	N/A	\$36,560	N/A	\$48,550
25-2031	Secondary School Teachers, Except Special and Career/Technical Ed	360	N/A	\$45,480	N/A	\$37,650	N/A	\$49,400
25-2032	Career/Technical Education Teachers, Secondary School	20	N/A	\$45,400	N/A	\$42,040	N/A	\$47,080
25-2052	Special Education Teachers, Kindergarten and Elementary School	130	N/A	\$46,430	N/A	\$37,900	N/A	\$50,700
25-2053	Special Education Teachers, Middle School	30	N/A	\$47,150	N/A	\$40,470	N/A	\$50,490
25-2054	Special Education Teachers, Secondary School	50	N/A	\$48,510	N/A	\$40,960	N/A	\$52,290
25-3021	Self-Enrichment Education Teachers	60	\$23.79	\$49,490	\$17.59	\$36,580	\$26.89	\$55,940
25-3097	Teachers and Instructors, All Other, Except Substitute Teachers	20	N/A	\$27,840	N/A	\$21,630	N/A	\$30,950
25-3098	Substitute Teachers	240	\$8.34	\$17,350	\$8.27	\$17,200	\$8.38	\$17,420
25-4021	Librarians	60	\$23.52	\$48,920	\$19.03	\$39,580	\$25.76	\$53,580
25-4031	Library Technicians	40	\$10.05	\$20,900	\$8.96	\$18,630	\$10.59	\$22,030
25-9031	Instructional Coordinators	20	\$25.27	\$52,560	\$18.86	\$39,240	\$28.47	\$59,220
25-9041	Teacher Assistants	680	N/A	\$22,120	N/A	\$17,110	N/A	\$24,630
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	250	\$26.30	\$54,700	\$13.15	\$27,340	\$32.88	\$68,380
27-1021	Commercial and Industrial Designers	70	\$40.16	\$83,530	\$30.72	\$63,900	\$44.88	\$93,350
27-1023	Floral Designers	N/A	\$11.11	\$23,100	\$10.69	\$22,240	\$11.31	\$23,530
27-1024	Graphic Designers	30	\$15.53	\$32,310	\$10.55	\$21,940	\$18.03	\$37,490
27-3031	Public Relations Specialists	20	\$27.85	\$57,920	\$15.40	\$32,030	\$34.07	\$70,870
29-0000	Healthcare Practitioners and Technical Occupations	3,030	\$30.97	\$64,420	\$16.23	\$33,750	\$38.34	\$79,750
29-1021	Dentists, General	20	\$70.45	\$146,540	\$43.77	\$91,040	\$83.79	\$174,290
29-1051	Pharmacists	90	\$64.42	\$134,000	\$44.03	\$91,570	\$74.62	\$155,210
29-1062	Family and General Practitioners	70	\$106.64	\$221,820	\$65.57	\$136,390	N/A	N/A
29-1069	Physicians and Surgeons, All Other	N/A	\$71.56	\$148,840	\$37.33	\$77,640	\$88.67	\$184,440

[<-- Back To Table of Contents](#)

NOTE: Wage estimates are produced in cooperation with the U.S. Bureau of Labor Statistics. Totals may not add due to rounding and confidentiality suppressions.

SOC Code	SOC Title	Employment	Average Wage		Entry Level Wage		Experienced Wage	
			Hourly	Annual	Hourly	Annual	Hourly	Annual
29-1122	Occupational Therapists	20	\$40.12	\$83,450	\$32.01	\$66,590	\$44.17	\$91,870
29-1123	Physical Therapists	90	\$41.61	\$86,540	\$32.88	\$68,390	\$45.97	\$95,620
29-1126	Respiratory Therapists	50	\$21.67	\$45,080	\$16.44	\$34,190	\$24.29	\$50,520
29-1127	Speech-Language Pathologists	60	\$29.19	\$60,720	\$19.56	\$40,690	\$34.01	\$70,730
29-1131	Veterinarians	20	\$42.92	\$89,280	\$32.72	\$68,050	\$48.03	\$99,890
29-1141	Registered Nurses	1,120	\$28.56	\$59,390	\$21.64	\$45,000	\$32.01	\$66,590
29-1171	Nurse Practitioners	110	\$47.48	\$98,770	\$35.81	\$74,480	\$53.32	\$110,910
29-2011	Medical and Clinical Laboratory Technologists	80	\$23.39	\$48,640	\$16.87	\$35,100	\$26.64	\$55,420
29-2012	Medical and Clinical Laboratory Technicians	90	\$18.70	\$38,900	\$13.98	\$29,070	\$21.06	\$43,810
29-2021	Dental Hygienists	N/A	\$24.93	\$51,860	\$21.26	\$44,230	\$26.77	\$55,680
29-2034	Radiologic Technologists and Technicians	120	\$24.03	\$49,990	\$18.51	\$38,500	\$26.80	\$55,730
29-2052	Pharmacy Technicians	170	\$13.74	\$28,590	\$10.51	\$21,850	\$15.36	\$31,960
29-2055	Surgical Technologists	N/A	\$19.37	\$40,280	\$15.47	\$32,180	\$21.32	\$44,340
29-2056	Veterinary Technologists and Technicians	40	\$13.35	\$27,760	\$10.41	\$21,660	\$14.81	\$30,810
29-2061	Licensed Practical and Licensed Vocational Nurses	250	\$17.34	\$36,070	\$15.43	\$32,080	\$18.30	\$38,060
29-2071	Medical Records and Health Information Technicians	130	\$16.92	\$35,180	\$11.12	\$23,130	\$19.81	\$41,210
29-9011	Occupational Health and Safety Specialists	60	\$30.31	\$63,040	\$20.01	\$41,620	\$35.46	\$73,750
31-0000	Healthcare Support Occupations	1,280	\$12.83	\$26,680	\$8.91	\$18,530	\$14.79	\$30,760
31-1014	Nursing Assistants	420	\$11.94	\$24,830	\$9.15	\$19,030	\$13.33	\$27,720
31-2021	Physical Therapist Assistants	80	\$22.83	\$47,480	\$13.43	\$27,930	\$27.53	\$57,260
31-2022	Physical Therapist Aides	80	\$11.05	\$22,990	\$8.79	\$18,290	\$12.18	\$25,340
31-9091	Dental Assistants	130	\$13.88	\$28,860	\$9.56	\$19,880	\$16.04	\$33,350
31-9092	Medical Assistants	180	\$12.95	\$26,940	\$10.15	\$21,120	\$14.35	\$29,840
31-9093	Medical Equipment Preparers	20	\$12.83	\$26,690	\$9.80	\$20,380	\$14.35	\$29,850
31-9094	Medical Transcriptionists	30	\$14.54	\$30,250	\$9.90	\$20,590	\$16.86	\$35,070

[<-- Back To Table of Contents](#)

SOC Code	SOC Title	Employment	Average Wage		Entry Level Wage		Experienced Wage	
			Hourly	Annual	Hourly	Annual	Hourly	Annual
31-9095	Pharmacy Aides	N/A	\$11.49	\$23,900	\$8.94	\$18,580	\$12.77	\$26,550
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	40	\$11.00	\$22,880	\$8.13	\$16,910	\$12.44	\$25,870
31-9097	Phlebotomists	70	\$14.47	\$30,090	\$11.32	\$23,550	\$16.04	\$33,360
33-0000	Protective Service Occupations	1,040	\$16.59	\$34,500	\$10.88	\$22,620	\$19.44	\$40,430
33-1012	First-Line Supervisors of Police and Detectives	60	\$24.05	\$50,030	\$19.36	\$40,270	\$26.40	\$54,910
33-1099	First-Line Supervisors of Protective Service Workers, All Other	20	\$25.51	\$53,060	\$16.57	\$34,460	\$29.98	\$62,360
33-2011	Firefighters	130	N/A	N/A	N/A	N/A	N/A	N/A
33-3012	Correctional Officers and Jailers	180	\$13.40	\$27,860	\$11.95	\$24,850	\$14.12	\$29,370
33-3021	Detectives and Criminal Investigators	20	\$21.86	\$45,470	\$16.53	\$34,380	\$24.52	\$51,010
33-3051	Police and Sheriff's Patrol Officers	310	\$16.49	\$34,300	\$12.75	\$26,530	\$18.36	\$38,190
33-9032	Security Guards	160	\$15.27	\$31,770	\$8.57	\$17,830	\$18.62	\$38,730
35-0000	Food Preparation and Serving-Related Occupations	4,530	\$9.19	\$19,110	\$8.10	\$16,850	\$9.73	\$20,240
35-1011	Chefs and Head Cooks	30	\$17.49	\$36,390	\$14.11	\$29,350	\$19.18	\$39,900
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	350	\$12.76	\$26,540	\$9.03	\$18,780	\$14.62	\$30,420
35-2011	Cooks, Fast Food	560	\$8.26	\$17,190	\$8.12	\$16,880	\$8.34	\$17,340
35-2012	Cooks, Institution and Cafeteria	340	\$10.36	\$21,550	\$9.07	\$18,860	\$11.01	\$22,890
35-2014	Cooks, Restaurant	340	\$9.80	\$20,390	\$8.09	\$16,840	\$10.65	\$22,160
35-2019	Cooks, All Other	50	\$10.53	\$21,900	\$8.16	\$16,970	\$11.72	\$24,370
35-2021	Food Preparation Workers	520	\$8.48	\$17,640	\$8.13	\$16,920	\$8.65	\$18,000
35-3011	Bartenders	120	\$9.37	\$19,490	\$8.07	\$16,790	\$10.02	\$20,830
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	360	\$8.84	\$18,380	\$8.09	\$16,820	\$9.22	\$19,170
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	N/A	\$8.40	\$17,470	\$8.06	\$16,760	\$8.57	\$17,830
35-3031	Waiters and Waitresses	810	\$8.70	\$18,090	\$8.11	\$16,880	\$8.99	\$18,700
35-3041	Food Servers, Nonrestaurant	180	\$8.43	\$17,530	\$8.04	\$16,720	\$8.62	\$17,930
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	N/A	\$8.36	\$17,380	\$8.12	\$16,880	\$8.48	\$17,630

[<-- Back To Table of Contents](#)

NOTE: Wage estimates are produced in cooperation with the U.S. Bureau of Labor Statistics. Totals may not add due to rounding and confidentiality suppressions.

SOC Code	SOC Title	Employment	Average Wage		Entry Level Wage		Experienced Wage	
			Hourly	Annual	Hourly	Annual	Hourly	Annual
35-9021	Dishwashers	140	\$8.29	\$17,250	\$8.08	\$16,800	\$8.40	\$17,470
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	110	\$8.18	\$17,010	\$8.14	\$16,930	\$8.19	\$17,040
37-0000	Building and Grounds Cleaning and Maintenance Occupations	1,150	\$10.83	\$22,530	\$8.06	\$16,770	\$12.21	\$25,400
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	30	\$15.73	\$32,710	\$12.22	\$25,430	\$17.48	\$36,350
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundsk	30	\$18.67	\$38,840	\$13.20	\$27,460	\$21.41	\$44,530
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	440	\$10.08	\$20,970	\$8.09	\$16,820	\$11.08	\$23,040
37-2012	Maids and Housekeeping Cleaners	300	\$8.88	\$18,470	\$8.03	\$16,710	\$9.30	\$19,350
37-2021	Pest Control Workers	30	\$16.24	\$33,780	\$12.96	\$26,950	\$17.88	\$37,190
37-3011	Landscaping and Groundskeeping Workers	320	\$11.95	\$24,860	\$8.39	\$17,460	\$13.73	\$28,560
39-0000	Personal Care and Service Occupations	690	\$10.58	\$22,000	\$8.11	\$16,870	\$11.81	\$24,570
39-1021	First-Line Supervisors of Personal Service Workers	N/A	\$14.52	\$30,210	\$10.22	\$21,260	\$16.68	\$34,680
39-3091	Amusement and Recreation Attendants	40	\$8.33	\$17,330	\$8.09	\$16,840	\$8.45	\$17,580
39-5094	Skincare Specialists	N/A	\$9.73	\$20,230	\$8.21	\$17,070	\$10.49	\$21,810
39-9011	Childcare Workers	230	\$8.23	\$17,130	\$8.10	\$16,850	\$8.30	\$17,260
39-9021	Personal Care Aides	N/A	\$8.69	\$18,070	\$8.06	\$16,770	\$9.00	\$18,720
39-9031	Fitness Trainers and Aerobics Instructors	80	\$15.71	\$32,670	\$8.13	\$16,910	\$19.50	\$40,550
39-9032	Recreation Workers	70	\$12.20	\$25,380	\$9.12	\$18,970	\$13.75	\$28,590
41-0000	Sales and Related Occupations	4,270	\$13.46	\$28,000	\$8.19	\$17,030	\$16.10	\$33,490
41-1011	First-Line Supervisors of Retail Sales Workers	580	\$18.75	\$38,990	\$10.76	\$22,380	\$22.74	\$47,300
41-1012	First-Line Supervisors of Non-Retail Sales Workers	60	\$23.89	\$49,690	\$15.89	\$33,040	\$27.89	\$58,020
41-2011	Cashiers	1,580	\$9.36	\$19,470	\$8.19	\$17,040	\$9.95	\$20,690
41-2021	Counter and Rental Clerks	110	\$12.12	\$25,210	\$8.26	\$17,190	\$14.05	\$29,220
41-2022	Parts Salespersons	40	\$14.73	\$30,640	\$8.10	\$16,850	\$18.04	\$37,530
41-2031	Retail Salespersons	1,260	\$11.10	\$23,100	\$8.17	\$16,990	\$12.57	\$26,150
41-3021	Insurance Sales Agents	120	\$20.31	\$42,250	\$10.77	\$22,390	\$25.09	\$52,180

[<-- Back To Table of Contents](#)

SOC Code	SOC Title	Employment	Average Wage		Entry Level Wage		Experienced Wage	
			Hourly	Annual	Hourly	Annual	Hourly	Annual
41-3099	Sales Representatives, Services, All Other	100	\$17.79	\$37,000	\$8.15	\$16,960	\$22.61	\$47,020
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	N/A	\$27.55	\$57,310	\$16.63	\$34,590	\$33.02	\$68,670
41-4012	Manufacturing, Except Technical and Scientific Products	270	\$27.33	\$56,840	\$15.88	\$33,040	\$33.05	\$68,740
41-9022	Real Estate Sales Agents	60	\$20.37	\$42,380	\$8.22	\$17,100	\$26.45	\$55,020
43-0000	Office and Administrative Support Occupations	7,610	\$16.11	\$33,510	\$9.73	\$20,240	\$19.30	\$40,150
43-1011	First-Line Supervisors of Office and Administrative Support Workers	440	\$24.19	\$50,310	\$14.98	\$31,160	\$28.79	\$59,880
43-2011	Switchboard Operators, Including Answering Service	30	\$11.21	\$23,310	\$8.93	\$18,580	\$12.35	\$25,680
43-3011	Bill and Account Collectors	140	\$16.30	\$33,910	\$11.47	\$23,850	\$18.72	\$38,940
43-3021	Billing and Posting Clerks and Machine Operators	120	\$15.51	\$32,250	\$11.90	\$24,760	\$17.31	\$36,000
43-3031	Bookkeeping, Accounting, and Auditing Clerks	580	\$16.97	\$35,290	\$11.84	\$24,630	\$19.53	\$40,620
43-3051	Payroll and Timekeeping Clerks	100	\$17.73	\$36,890	\$14.32	\$29,790	\$19.44	\$40,430
43-3071	Tellers	310	\$12.21	\$25,390	\$10.07	\$20,940	\$13.28	\$27,620
43-4031	Court, Municipal, and License Clerks	70	\$13.41	\$27,900	\$9.69	\$20,160	\$15.27	\$31,760
43-4041	Credit Authorizers, Checkers, and Clerks	40	\$13.34	\$27,760	\$8.34	\$17,340	\$15.85	\$32,970
43-4051	Customer Service Representatives	580	\$14.35	\$29,850	\$10.65	\$22,160	\$16.20	\$33,700
43-4061	Eligibility Interviewers, Government Programs	40	\$14.01	\$29,140	\$11.41	\$23,730	\$15.31	\$31,850
43-4071	File Clerks	70	\$12.17	\$25,320	\$8.78	\$18,270	\$13.87	\$28,840
43-4081	Hotel, Motel, and Resort Desk Clerks	150	\$8.54	\$17,760	\$8.09	\$16,840	\$8.76	\$18,220
43-4111	Interviewers, Except Eligibility and Loan	120	\$13.59	\$28,260	\$10.26	\$21,350	\$15.25	\$31,720
43-4121	Library Assistants, Clerical	50	\$9.79	\$20,370	\$8.22	\$17,100	\$10.58	\$22,010
43-4131	Loan Interviewers and Clerks	N/A	\$15.12	\$31,450	\$9.89	\$20,570	\$17.74	\$36,890
43-4141	New Accounts Clerks	30	\$15.02	\$31,230	\$12.20	\$25,380	\$16.42	\$34,160
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	50	\$17.41	\$36,220	\$13.56	\$28,200	\$19.34	\$40,230
43-4171	Receptionists and Information Clerks	330	\$11.28	\$23,470	\$8.48	\$17,640	\$12.68	\$26,380
43-5021	Couriers and Messengers	20	\$13.20	\$27,450	\$8.43	\$17,530	\$15.58	\$32,410

[<-- Back To Table of Contents](#)

NOTE: Wage estimates are produced in cooperation with the U.S. Bureau of Labor Statistics. Totals may not add due to rounding and confidentiality suppressions.

SOC Code	SOC Title	Employment	Average Wage		Entry Level Wage		Experienced Wage	
			Hourly	Annual	Hourly	Annual	Hourly	Annual
43-5031	Police, Fire, and Ambulance Dispatchers	70	\$13.04	\$27,120	\$9.45	\$19,660	\$14.83	\$30,850
43-5032	Dispatchers, Except Police, Fire, and Ambulance	40	\$18.25	\$37,950	\$12.56	\$26,130	\$21.09	\$43,870
43-5041	Meter Readers, Utilities	40	\$13.86	\$28,830	\$7.98	\$16,590	\$16.80	\$34,950
43-5051	Postal Service Clerks	20	\$24.49	\$50,940	\$19.46	\$40,470	\$27.01	\$56,180
43-5052	Postal Service Mail Carriers	140	\$24.07	\$50,070	\$18.32	\$38,110	\$26.95	\$56,050
43-5071	Shipping, Receiving, and Traffic Clerks	260	\$14.19	\$29,510	\$9.23	\$19,190	\$16.67	\$34,670
43-5081	Stock Clerks and Order Fillers	810	\$12.90	\$26,840	\$8.47	\$17,610	\$15.12	\$31,450
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	20	\$14.02	\$29,150	\$11.62	\$24,160	\$15.22	\$31,650
43-6011	Executive Secretaries and Executive Administrative Assistants	200	\$23.16	\$48,160	\$15.15	\$31,510	\$27.16	\$56,490
43-6012	Legal Secretaries	60	\$15.79	\$32,850	\$11.62	\$24,160	\$17.88	\$37,190
43-6013	Medical Secretaries	60	\$14.75	\$30,680	\$11.01	\$22,900	\$16.62	\$34,570
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical,	1,100	\$14.63	\$30,440	\$10.26	\$21,350	\$16.82	\$34,980
43-9011	Computer Operators	N/A	\$13.06	\$27,160	\$8.11	\$16,870	\$15.53	\$32,310
43-9021	Data Entry Keyers	40	\$14.06	\$29,240	\$9.17	\$19,070	\$16.50	\$34,320
43-9022	Word Processors and Typists	20	\$14.37	\$29,900	\$8.58	\$17,840	\$17.27	\$35,920
43-9041	Insurance Claims and Policy Processing Clerks	40	\$17.01	\$35,390	\$13.94	\$29,000	\$18.55	\$38,580
43-9061	Office Clerks, General	580	\$12.60	\$26,200	\$8.61	\$17,900	\$14.59	\$30,350
43-9071	Office Machine Operators, Except Computer	20	\$10.67	\$22,190	\$8.24	\$17,130	\$11.89	\$24,730
43-9199	Office and Administrative Support Workers, All Other	50	\$12.33	\$25,640	\$10.18	\$21,170	\$13.40	\$27,880
45-0000	Farming, Fishing, and Forestry Occupations	50	\$16.64	\$34,620	\$11.42	\$23,760	\$19.26	\$40,050
45-4022	Logging Equipment Operators	20	\$17.67	\$36,750	\$14.68	\$30,540	\$19.16	\$39,850
47-0000	Construction and Extraction Occupations	5,800	\$21.64	\$45,020	\$12.98	\$27,000	\$25.97	\$54,020
47-1011	First-Line Supervisors of Construction Trades and Extraction Work	390	\$29.09	\$60,500	\$20.61	\$42,870	\$33.32	\$69,310
47-2031	Carpenters	380	\$21.43	\$44,570	\$14.85	\$30,900	\$24.72	\$51,410
47-2061	Construction Laborers	550	\$13.54	\$28,170	\$10.20	\$21,210	\$15.22	\$31,650

[<-- Back To Table of Contents](#)

NOTE: Wage estimates are produced in cooperation with the U.S. Bureau of Labor Statistics. Totals may not add due to rounding and confidentiality suppressions.

SOC Code	SOC Title	Employment	Average Wage		Entry Level Wage		Experienced Wage	
			Hourly	Annual	Hourly	Annual	Hourly	Annual
47-2071	Paving, Surfacing, and Tamping Equipment Operators	60	\$15.96	\$33,190	\$12.12	\$25,220	\$17.88	\$37,180
47-2072	Pile-Driver Operators	20	\$20.13	\$41,870	\$16.41	\$34,130	\$21.99	\$45,740
47-2073	Operating Engineers and Other Construction Equipment Operators	240	\$18.72	\$38,950	\$14.34	\$29,830	\$20.91	\$43,500
47-2111	Electricians	1,390	\$25.78	\$53,630	\$23.30	\$48,470	\$27.03	\$56,210
47-2141	Painters, Construction and Maintenance	250	\$15.98	\$33,230	\$10.69	\$22,230	\$18.62	\$38,730
47-2151	Pipelayers	30	\$17.98	\$37,400	\$14.58	\$30,330	\$19.68	\$40,930
47-2152	Plumbers, Pipefitters, and Steamfitters	960	\$21.81	\$45,350	\$13.71	\$28,510	\$25.85	\$53,780
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	20	\$12.79	\$26,610	\$11.90	\$24,750	\$13.24	\$27,540
47-3012	Helpers--Carpenters	20	\$15.24	\$31,690	\$12.52	\$26,040	\$16.59	\$34,510
47-3013	Helpers--Electricians	N/A	\$11.86	\$24,670	\$8.11	\$16,880	\$13.74	\$28,570
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	170	\$10.75	\$22,360	\$9.39	\$19,530	\$11.43	\$23,780
47-4011	Construction and Building Inspectors	80	\$21.94	\$45,630	\$15.50	\$32,230	\$25.16	\$52,320
47-4051	Highway Maintenance Workers	70	\$13.23	\$27,530	\$10.37	\$21,570	\$14.67	\$30,500
49-0000	Installation, Maintenance, and Repair Occupations	3,530	\$22.74	\$47,300	\$12.04	\$25,050	\$28.09	\$58,430
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	300	\$35.43	\$73,700	\$22.03	\$45,820	\$42.13	\$87,630
49-2011	Computer, Automated Teller, and Office Machine Repairers	40	\$18.14	\$37,730	\$15.86	\$33,000	\$19.28	\$40,100
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	N/A	\$28.20	\$58,650	\$17.23	\$35,840	\$33.68	\$70,050
49-3021	Automotive Body and Related Repairers	50	\$14.77	\$30,730	\$10.52	\$21,880	\$16.90	\$35,160
49-3023	Automotive Service Technicians and Mechanics	230	\$15.85	\$32,980	\$9.56	\$19,890	\$19.00	\$39,520
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	130	\$17.73	\$36,880.00	\$13.45	\$27,970.00	\$19.87	\$41,330.00
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	70	\$24.64	\$51,250	\$20.03	\$41,660	\$26.94	\$56,040
49-3051	Motorboat Mechanics and Service Technicians	N/A	\$14.63	\$30,440	\$10.52	\$21,890	\$16.69	\$34,710
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	50	\$15.90	\$33,070	\$12.20	\$25,380	\$17.75	\$36,910
49-3093	Tire Repairers and Changers	60	\$11.39	\$23,680	\$8.88	\$18,460	\$12.64	\$26,290
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	N/A	\$14.57	\$30,300	\$10.35	\$21,520	\$16.68	\$34,690

[<-- Back To Table of Contents](#)

SOC Code	SOC Title	Employment	Average Wage		Entry Level Wage		Experienced Wage	
			Hourly	Annual	Hourly	Annual	Hourly	Annual
49-9043	Maintenance Workers, Machinery	50	N/A	N/A	N/A	N/A	N/A	N/A
49-9051	Electrical Power-Line Installers and Repairers	220	\$24.56	\$51,080	\$18.89	\$39,300	\$27.39	\$56,970
49-9052	Telecommunications Line Installers and Repairers	130	\$23.22	\$48,300	\$15.38	\$31,990	\$27.14	\$56,450
49-9071	Maintenance and Repair Workers, General	630	\$15.32	\$31,870	\$9.66	\$20,080	\$18.15	\$37,760
49-9096	Riggers	60	\$20.28	\$42,180	\$13.09	\$27,220	\$23.87	\$49,650
49-9098	Helpers--Installation, Maintenance, and Repair Workers	120	\$13.69	\$28,470	\$9.71	\$20,190	\$15.68	\$32,610
51-0000	Production Occupations	6,890	\$24.37	\$50,690	\$15.98	\$33,240	\$28.56	\$59,410
51-1011	First-Line Supervisors of Production and Operating Workers	530	\$36.13	\$75,150	\$25.12	\$52,250	\$41.64	\$86,610
51-2041	Structural Metal Fabricators and Fitters	210	\$21.50	\$44,720	\$16.88	\$35,110	\$23.81	\$49,530
51-2092	Team Assemblers	20	\$12.80	\$26,620	\$9.16	\$19,050	\$14.62	\$30,400
51-2099	Assemblers and Fabricators, All Other	30	N/A	N/A	N/A	N/A	N/A	N/A
51-3011	Bakers	60	\$9.77	\$20,320	\$8.17	\$17,000	\$10.57	\$21,990
51-3021	Butchers and Meat Cutters	100	\$11.56	\$24,050	\$8.14	\$16,920	\$13.28	\$27,620
51-4041	Machinists	280	N/A	N/A	N/A	N/A	N/A	N/A
51-4111	Tool and Die Makers	20	\$24.95	\$51,900	\$18.88	\$39,260	\$27.99	\$58,220
51-4121	Welders, Cutters, Solderers, and Brazers	2,310	\$23.63	\$49,160	\$18.72	\$38,940	\$26.09	\$54,260
51-6011	Laundry and Dry-Cleaning Workers	80	\$8.54	\$17,750	\$8.15	\$16,950	\$8.73	\$18,160
51-8031	Water and Wastewater Treatment Plant and System Operators	60	\$16.38	\$34,080	\$11.41	\$23,720	\$18.87	\$39,250
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	140	\$16.92	\$35,200	\$8.48	\$17,650	\$21.14	\$43,970
51-9198	Helpers--Production Workers	120	\$13.07	\$27,190	\$9.26	\$19,270	\$14.98	\$31,160
53-0000	Transportation and Material Moving Occupations	2,700	\$14.78	\$30,740	\$8.81	\$18,310	\$17.76	\$36,950
53-1021	First-Line Supervisors of Helpers, Laborers, and Material Movers,	70	\$26.30	\$54,710	\$13.21	\$27,470	\$32.85	\$68,340
53-1031	First-Line Supervisors of Transportation and Material-Moving Mach	60	\$24.56	\$51,080	\$15.20	\$31,620	\$29.23	\$60,810
53-3022	Bus Drivers, School or Special Client	280	\$9.82	\$20,430	\$8.29	\$17,250	\$10.58	\$22,010
53-3031	Driver/Sales Workers	N/A	\$9.50	\$19,770	\$8.21	\$17,080	\$10.15	\$21,110

[<-- Back To Table of Contents](#)

SOC Code	SOC Title	Employment	Average Wage		Entry Level Wage		Experienced Wage	
			Hourly	Annual	Hourly	Annual	Hourly	Annual
53-3032	Heavy and Tractor-Trailer Truck Drivers	490	\$15.72	\$32,690	\$10.30	\$21,430	\$18.43	\$38,330
53-3033	Light Truck or Delivery Services Drivers	170	\$12.79	\$26,590	\$9.02	\$18,760	\$14.67	\$30,510
53-5021	Captains, Mates, and Pilots of Water Vessels	N/A	\$70.79	\$147,240	\$35.65	\$74,150	\$88.36	\$183,780
53-6031	Automotive and Watercraft Service Attendants	50	\$9.74	\$20,260	\$8.28	\$17,220	\$10.47	\$21,770
53-7021	Crane and Tower Operators	150	N/A	N/A	N/A	N/A	N/A	N/A
53-7032	Excavating and Loading Machine and Dragline Operators	30	\$17.76	\$36,950	\$11.11	\$23,100	\$21.09	\$43,870
53-7051	Industrial Truck and Tractor Operators	70	\$17.51	\$36,420	\$11.48	\$23,880	\$20.52	\$42,690
53-7061	Cleaners of Vehicles and Equipment	80	\$10.25	\$21,320	\$8.71	\$18,130	\$11.02	\$22,910
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	730	\$12.98	\$26,990	\$8.95	\$18,610	\$14.99	\$31,190
53-7064	Packers and Packagers, Hand	90	\$9.47	\$19,690	\$8.20	\$17,070	\$10.10	\$21,010
53-7081	Refuse and Recyclable Material Collectors	N/A	\$13.10	\$27,260	\$9.96	\$20,710	\$14.68	\$30,530
53-7121	Tank Car, Truck, and Ship Loaders	70	\$12.75	\$26,520	\$9.50	\$19,770	\$14.37	\$29,890

[<-- Back To Table of Contents](#)

Technical Notes for OES Estimates

Scope of the survey

The Occupational Employment Statistics (OES) survey is a semiannual mail survey measuring occupational employment and wage rates for wage and salary workers in nonfarm establishments in the United States. OES data available from BLS include cross-industry occupational employment and wage estimates for the nation; nearly 650 areas, including states and the District of Columbia, metropolitan statistical areas (MSAs), metropolitan divisions, nonmetropolitan areas, and territories; national industry-specific estimates at the NAICS sector, 3-, 4-, and selected 5- and 6-digit industry levels; and national estimates by ownership across all industries and for schools and hospitals.

The OES survey is a cooperative effort between BLS and the State Workforce Agencies (SWAs). BLS funds the survey and provides the procedures and technical support, while the State Workforce Agencies collect most of the data. OES estimates are constructed from a sample of about 1.2 million establishments. Each year, forms are mailed to two semiannual panels of approximately 200,000 sampled establishments, one panel in May and the other in November. May 2014 estimates are based on responses from six semiannual panels collected over a 3-year period: May 2014, November 2013, May 2013, November 2012, May 2012, and November 2011. The overall national response rate for the six panels is 74.3 percent based on establishments and 70.5 percent based on weighted sampled employment. The unweighted employment of sampled establishments across all six semiannual panels represents approximately 57.1 percent of total national employment. (Response rates are slightly lower for these estimates due to the federal shutdown in October 2013.)

The occupational coding system

The OES survey categorizes workers into 821 detailed occupations based on the Office of Management and Budget's 2010 Standard Occupational Classification (SOC) system. Together, these detailed occupations make up 22 of the 23 SOC major occupational groups. Major group 55, Military Specific Occupations, is not included.

For more information about the SOC system, please see the BLS website at www.bls.gov/soc/.

The industry coding system

The May 2014 OES estimates use the 2012 North American Industry Classification System (NAICS). For more information about NAICS, see the BLS website at www.bls.gov/bls/naics.htm.

The OES survey excludes the majority of the agricultural sector, with the exception of logging (NAICS 113310), support activities for crop production (NAICS 1151), and support activities for animal production (NAICS 1152). Private households (NAICS 814) also are excluded. OES federal government data include the U.S. Postal Service and the federal executive branch only. All other industries, including state and local government, are covered by the survey.

Survey sample

The OES survey draws its sample from state unemployment insurance (UI) files. Supplemental sources are used for rail transportation (NAICS 4821) and Guam because they do not report to the UI program. The OES survey sample is stratified by metropolitan and nonmetropolitan area, industry, and size.

To provide the most occupational coverage, larger employers are more likely to be selected than smaller employers. A census is taken of the executive branch of the federal government, the U.S. Postal Service, and state government.

Concepts

Occupational employment is the estimate of total wage and salary employment in an occupation. The OES survey defines employment as the number of workers who can be classified as full- or part-time employees, including workers on paid vacations or other types of paid leave; workers on unpaid short-term absences; salaried officers, executives, and staff members of incorporated firms; employees temporarily assigned to other units; and employees for whom the reporting unit is their permanent duty station, regardless of whether that unit prepares their paycheck. The survey does not include the self-employed, owners and partners in unincorporated firms, household workers, or unpaid family workers.

Wages for the OES survey are straight-time, gross pay, exclusive of premium pay. Base rate; cost-of-living allowances; guaranteed pay; hazardous-duty pay; incentive pay, including commissions and production bonuses; and tips are included. Excluded are overtime pay, severance pay, shift differentials, nonproduction bonuses, employer cost for supplementary benefits, and tuition reimbursements.

OES receives wage rate data for the federal government, the U.S. Postal Service, and 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

The OES survey is designed to produce estimates by combining six panels of data collected over a 3-year

period. Each OES panel includes approximately 200,000 establishments. The full six-panel sample of nearly 1.2 million establishments allows the production of estimates at detailed levels of geography, industry, and occupation.

Wage updating. Significant reductions in sampling errors are obtained by combining six panels of data, particularly for small geographic areas and occupations. Wages for the current panel need no adjustment. However, wages in the five previous panels need to be updated to the current panel's reference period.

The OES program uses the BLS Employment Cost Index (ECI) to adjust survey data from prior panels before combining them with the current panel's data. The wage updating procedure adjusts each detailed occupation's wage rate, as measured in the earlier panel, according to the average movement of its broader occupational division.

Imputation. About 25 percent of establishments do not respond for a given panel. For most employers, a "nearest neighbor" hot deck imputation procedure is used to impute missing occupational employment totals. A variant of mean imputation is used to impute missing wage distributions. In some cases, data for current panel nonrespondents are available for earlier panels. In those cases, the older data may be used and aged to represent the current reference period.

Weighting and benchmarking. The sampled establishments are weighted to represent all establishments for the reference period. Weights are further adjusted by the ratio of employment totals (the average of November 2013 and May 2014 employment) from the BLS Quarterly Census of Employment and Wages to employment totals from the OES survey.

Changes and special procedures for the May 2014 estimates

In previous sets of estimates, local government gambling establishments and casino hotels were included in OES-defined industry 999300 Local Government. Beginning with the May 2014 estimates, local government gambling establishments and casino hotels will be included in NAICS 7132 Gam-

bling Industries and 72112 Casino Hotels, respectively, along with private sector establishments in those industries.

The Quarterly Census of Employment and Wages program, from which the OES sample is drawn, has recently begun coding some establishments that were historically found in NAICS 814110 Private Households to NAICS 624120 Services for the Elderly and Persons with Disabilities. Private households are out of scope for OES, so this shift caused a scope increase for OES in NAICS 624120. Because this scope increase affected only the most recent (May 2014) of

the six survey panels used to produce the May 2014 OES estimates, the units that shifted industries were removed from the survey data and not used in estimation.

For more information

Answers to frequently asked questions about the OES data are available at www.bls.gov/oes/oes_ques.htm. Detailed technical information about the OES survey is available in the Survey Methods and Reliability Statement on the BLS website at www.bls.gov/oes/current/methods_statement.pdf.

For additional information contact the Labor Market Information Department, email
lmi-info@mdes.ms.gov.

Footnotes:

N/A not available (not released)

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.