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OCCUPATIONAL EMPLOYMENT AND WAGES — MAY 2016

Construction and extraction occupations had employment of nearly 5.6 million in May 2016, representing 4 percent of total national employment, the U.S. Bureau of Labor Statistics reported today. Over 4.2 million of these jobs were in construction trades occupations, including construction laborers (912,100), carpenters (676,980), and electricians (607,120). (See chart 1.)

The highest paying construction and extraction occupations were elevator installers and repairers (\$76,860) and first-line supervisors of construction trades and extraction workers (\$68,040). (See chart 2.) The lowest paying construction and extraction occupations were roofers' helpers (\$28,890) and helpers of painters, paperhangers, plasterers, and stucco masons (\$28,760). The annual mean wage across all construction and extraction occupations was \$48,900, slightly below the U.S. average wage of \$49,630 for all occupations combined. National employment and wage information for all occupations is shown in table 1.

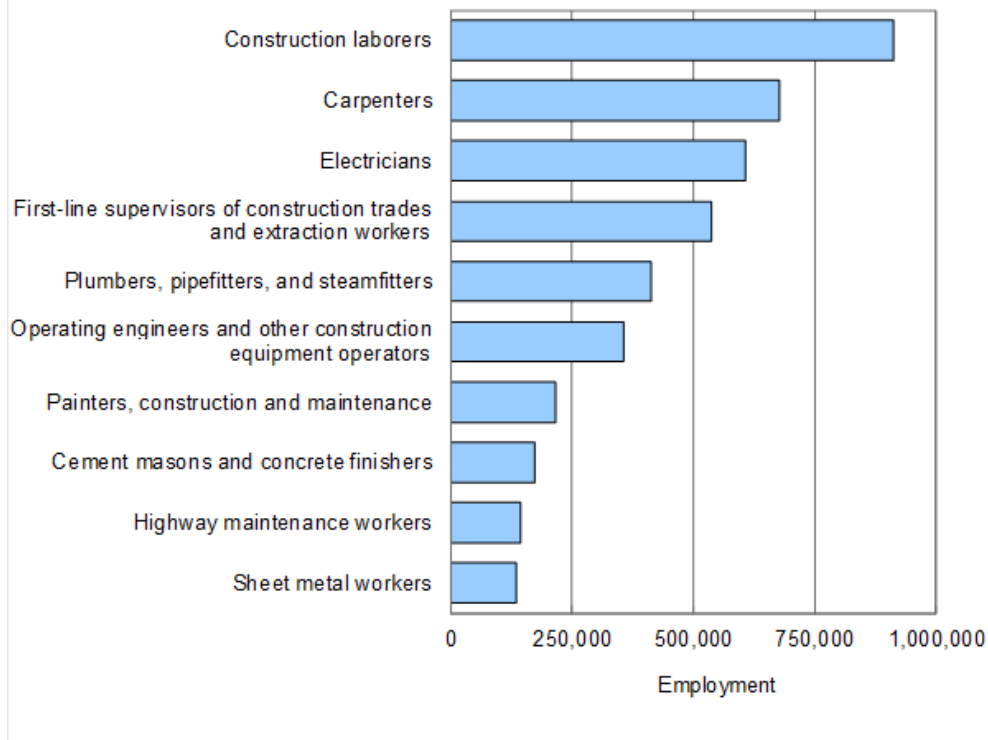
The Occupational Employment Statistics (OES) program provides estimates for over 800 occupations in the nation, states, and nearly 600 metropolitan and nonmetropolitan areas. National data are available by industry for more than 430 industry classifications and by ownership across all industries, schools, and hospitals. This release contains data on science, technology, engineering, and mathematics (STEM) occupations and employment and wages by typical entry-level educational requirement.

Highlights from the May 2016 OES data:

Construction and extraction occupations

- **States** with the highest percentage of construction and extraction occupations were Wyoming (10 percent) and North Dakota (8 percent), compared with 4 percent of national employment.
- **Metropolitan areas** with the highest concentrations of construction and extraction occupations included several areas in Texas; Farmington, N.M.; Greeley, Colo.; and Lake Charles, La.
- **Annual mean wages** for construction and extraction occupations varied by state from \$36,450 in Arkansas to \$67,210 in Alaska.
- The San Francisco-Redwood City-South San Francisco, Calif., metropolitan division (\$71,960) was one of the highest paying areas for construction and extraction occupations. The lowest paying areas for this occupational group included Brownsville-Harlingen, Texas (\$31,030), and Sebring, Fla. (\$31,270).

Chart 1. Employment for the largest construction and extraction occupations, May 2016



- Over one-third of construction laborers worked for specialty trade contractors (336,030). Most of the remainder were employed in construction of buildings (224,630) and heavy and civil engineering construction (203,430). Employment services (53,410), which includes temporary help services, was the industry with the highest employment of construction laborers outside of the construction sector.

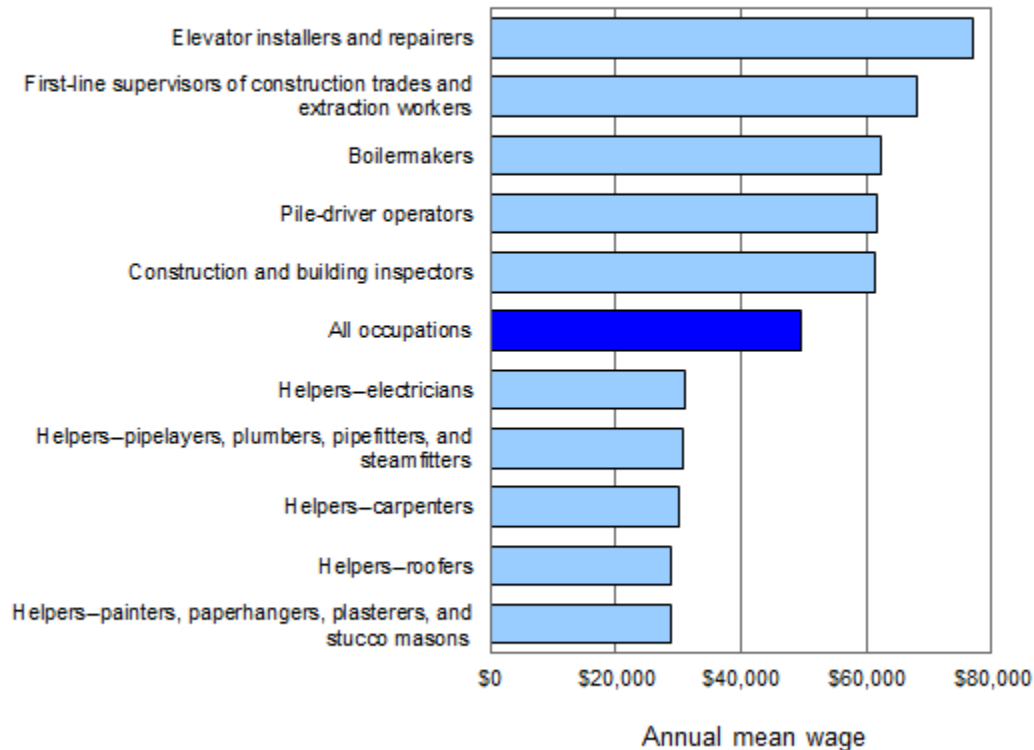
OES data by state and metropolitan/nonmetropolitan area are available at www.bls.gov/oes/current/oesrcst.htm and www.bls.gov/oes/current/oesrcma.htm, respectively.

OES national industry-specific data are available at www.bls.gov/oes/current/oesrci.htm.

Healthcare occupations

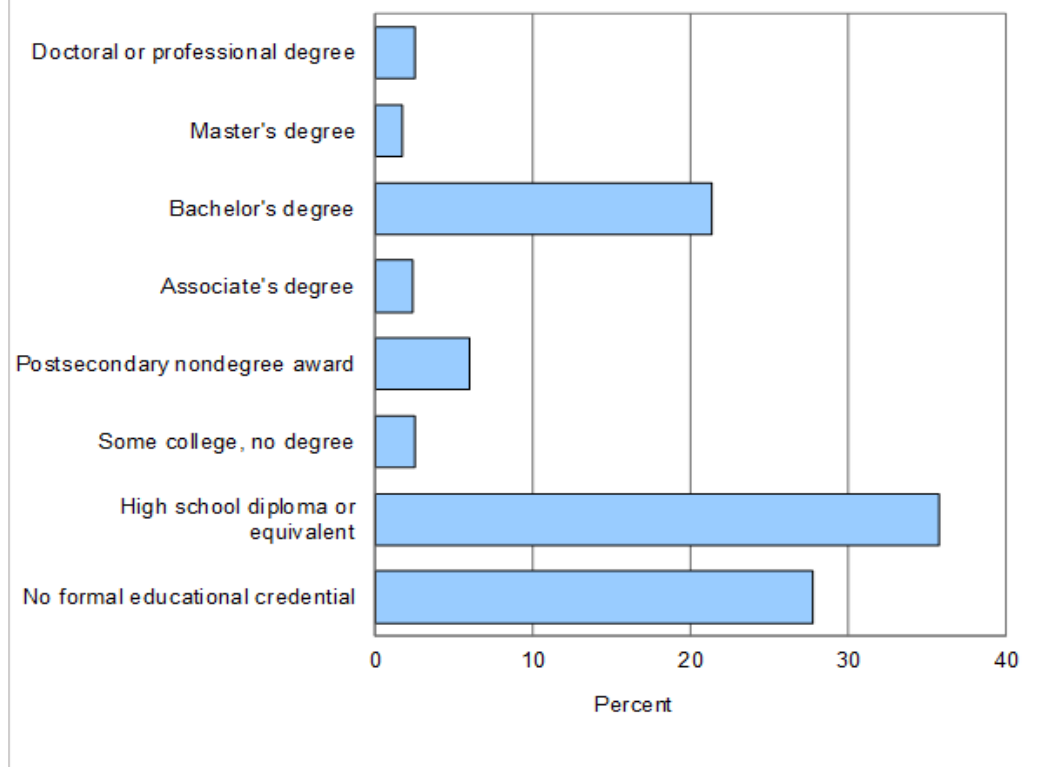
- **Healthcare practitioners and technical occupations** had employment of 8.3 million, and **healthcare support occupations** had employment of 4.0 million. Both healthcare occupational groups combined made up nearly 9 percent of U.S. employment. (See table 1.)
- Registered nurses, with nearly 2.9 million jobs, was the **largest healthcare occupation**. (See table 1.) Most registered nurses worked in the general medical and surgical hospitals industry (1,649,480).

Chart 2. Highest and lowest paying construction and extraction occupations, May 2016



- Other than registered nurses, the largest healthcare occupations were nursing assistants (1.4 million), home health aides (814,300), and licensed practical and licensed vocational nurses (702,400). (See table 1.)
- Fourteen of the 15 highest paying occupations were healthcare occupations, including several physician and dentist occupations and nurse anesthetists (\$164,030). (See table 1.)
- The **lowest paying healthcare occupations** were home health aides (\$23,600) and veterinary assistants and laboratory animal caretakers (\$26,810). (See table 1.)
- Annual mean wages for healthcare practitioners and technical occupations, the larger of the two healthcare occupational groups, varied by **state** from \$63,930 in Louisiana to \$95,720 in Alaska, compared with \$79,160 nationally.
- Several areas in California, including San Jose-Sunnyvale-Santa Clara, were among the **highest paying metropolitan areas** for healthcare practitioners and technical occupations. The **lowest paying areas** for this occupational group included Lake Charles, La. (\$53,540), and Jackson, Tenn. (\$58,300).

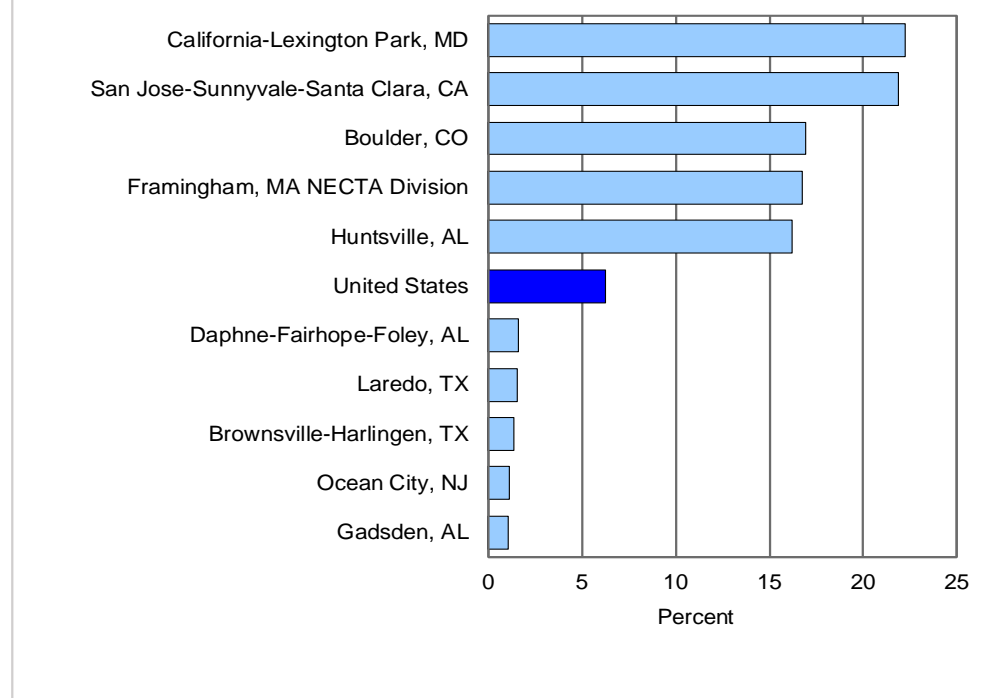
Chart 3. Employment by typical entry-level educational requirement as a percentage of total employment, May 2016



Production occupations

- Production occupations had total employment of 9.1 million and an annual mean wage of \$37,190 across all industries. (See table 1.)
- Pay for production occupations in manufacturing industries varied widely. Industries with the **highest wages** were petroleum and coal products manufacturing (\$62,500) and basic chemical manufacturing (\$56,920).
- Manufacturing industries with the **lowest wages** for production occupations included seafood product preparation and packaging (\$26,930) and several apparel, textile, and leather products industries.
- The state with the highest percentage of employment in production occupations was Indiana (13 percent). Production occupations made up 6.5 percent of national employment.
- Metropolitan areas with the highest shares of production occupation employment included Elkhart-Goshen, Ind. (36 percent); Columbus, Ind. (26 percent); and Dalton, Ga. (25 percent).

Chart 4. Metropolitan areas with the highest and lowest employment shares of STEM occupations, May 2016



Typical entry-level education

- More than 63 percent of employment was in occupations that typically require either a high school diploma or equivalent or no formal educational credential for entry. (See chart 3.) These two educational categories include most construction and production occupations, as well as large occupations such as retail salespersons, cashiers, and general office clerks.
- Occupations that typically require a **bachelor's degree** for entry made up 21 percent of employment. (See chart 3.) This educational category includes registered nurses, teachers at the kindergarten through secondary levels, and many management, business and financial operations, computer, and engineering occupations.
- Occupations that typically require a **postsecondary nondegree award**, such as a certificate, for entry made up 6 percent of national employment. (See chart 3.) The largest occupations in this educational category were heavy and tractor-trailer truck drivers (1.7 million), nursing assistants (1.4 million), and licensed practical and licensed vocational nurses (702,400). (See table 1.)
- **States** with the highest employment shares of occupations that typically require a postsecondary nondegree award for entry were Arkansas and North Dakota, both with 8 percent of state employment in this educational category. The District of Columbia (2 percent) and Nevada (5 percent) had the lowest employment shares of occupations typically requiring a postsecondary nondegree award for entry.

- **Average wages** were generally higher for occupations that require more education. Annual mean wages were \$25,860 for occupations that typically require no formal educational credential for entry, \$42,840 for occupations typically requiring a high school diploma or the equivalent, \$54,510 for occupations typically requiring an associate's degree, and \$84,000 for occupations typically requiring a bachelor's degree.
- On average, construction and extraction occupations had higher mean wages than other occupations with similar typical entry-level educational requirements. Of the 33 construction and extraction occupations that typically require a high school diploma or the equivalent for entry, 24 had mean wages significantly above the average of \$42,840 for all occupations in this education category. All 27 of the construction and extraction occupations that typically require no formal educational credential for entry had mean wages above the average for occupations in this education category.
- The annual mean wage for occupations that typically require a postsecondary nondegree award for entry was \$40,250 nationally, but varied from \$33,520 in West Virginia to \$54,250 in Alaska.

Data on employment by the typical education level required to enter an occupation are based on education and training categories from the BLS Employment Projections program. Education and training levels assigned to each occupation are available at www.bls.gov/emp/ep_table_112.htm. Additional charts are available at www.bls.gov/oes/current/overview_2016.htm.

STEM occupations

- There were nearly 8.8 million **science, technology, engineering, and mathematics (STEM) jobs** representing 6.3 percent of total U.S. employment.
- Seven of the 10 **largest STEM occupations** were related to computers and included applications software developers (794,000) and computer user support specialists (602,840). (See table 1.)
- **Areas** with the highest employment shares of STEM occupations were California-Lexington Park, Md., and San Jose-Sunnyvale-Santa Clara, Calif., both with 22 percent STEM employment. (See chart 4.)
- Areas with the lowest employment shares of STEM occupations were Gadsden, Ala., and Ocean City, N.J. (approximately 1 percent of employment each). (See chart 4.)
- STEM occupations had an annual mean wage of \$89,400, compared with \$46,950 for non-STEM occupations. Ninety-three of the 100 STEM occupations had mean wages significantly above the all-occupations average of \$49,630. (See table 1.)
- The **highest paying STEM occupations** were petroleum engineers (\$147,030) and the 3 STEM-related management occupations. (See table 1.)
- The **lowest paying STEM occupations** were forest and conservation technicians (\$38,630) and agricultural and food science technicians (\$40,470). (See table 1.)

A list of occupations included in the STEM definition used for this release is available at www.bls.gov/oes/stem_list.xlsx. Additional STEM charts are available at www.bls.gov/oes/current/overview_2016.htm.

Largest occupations

- The **largest occupations** overall were retail salespersons (4.5 million) and cashiers (3.5 million). Retail salespersons was the largest occupation in 33 of the 50 states. (See table 1.)
- The next largest occupations nationally were combined food preparation and serving workers (3.4 million), general office clerks (3.0 million), registered nurses (2.9 million), and customer service representatives (2.7 million). (See table 1.)
- Eight of the 10 largest occupations had below-average wages. Retail salespersons (\$27,180), cashiers (\$21,680), and combined food preparation and serving workers (\$20,460) had annual mean wages significantly below the all-occupations average of \$49,630. (See table 1.)
- Registered nurses (\$72,180) and general and operations managers (\$122,090) were the largest occupations with above-average wages. (See table 1.)

Public sector occupations

- The public sector made up 15 percent of employment and had a different occupational mix from the private sector.
- Many of the **largest public sector occupations** were related to education, including elementary school teachers, except special education (public sector employment of 1.3 million); teacher assistants (985,120); and secondary school teachers, except special and career/technical education (887,250).
- Police and sheriff's patrol officers (651,310), general office clerks (533,330), and registered nurses (473,030) also were among the occupations with the highest public sector employment.

OES data by ownership are available at www.bls.gov/oes/current/oessrci.htm.

Technical Note

Scope of the survey

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

The OES survey is a cooperative effort between BLS and the State Workforce Agencies (SWAs). BLS funds the survey and provides the procedures and technical support, while the State Workforce Agencies collect most of the data. OES estimates are constructed from a sample of about 1.2 million establishments. Each year, two semiannual panels of approximately 200,000 sampled establishments are contacted, one panel in May and the other in November. Responses are obtained by mail, Internet or other electronic means, email, telephone, or personal visit. The May 2016 estimates are based on responses from six semiannual panels collected over a 3-year period: May 2016, November 2015, May 2015, November 2014, May 2014, and November 2013. The overall national response rate for the six panels, based on the 50 states and the District of Columbia, is 73 percent based on establishments and 69 percent based on weighted sampled employment. The unweighted employment of sampled establishments across all six semiannual panels represents approximately 58 percent of total national employment.

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 2016 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 most state governments. For the remaining establishments, the OES survey data are placed into 12 intervals. The intervals are defined both as hourly rates and the corresponding annual rates, where the annual rate for an occupation is calculated by multiplying the hourly wage rate by a typical work year of 2,080 hours. The responding establishments are instructed to report the hourly rate for part-time workers, and to report annual rates for occupations that are typically paid at an annual rate but do not work 2,080 hours per year, such as teachers, pilots, and flight attendants. Other workers, such as some entertainment workers, are paid hourly rates, but generally do not work 40 hours per week, year round. For these workers, only an hourly wage is reported.

Estimation methodology

The OES survey is designed to produce estimates by combining six panels of data collected over a 3-year period. Each OES panel includes approximately 200,000 establishments. The full six-panel sample of nearly 1.2 million establishments allows the production of estimates at detailed levels of geography, industry, and occupation.

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

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

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

Weighting and benchmarking. The sampled establishments are weighted to represent all establishments for the reference period. Weights are further adjusted by the ratio of employment totals (the average of November 2015 and May 2016 employment) from the BLS Quarterly Census of Employment and Wages to employment totals from the OES survey.

Special procedures for the May 2016 estimates

In May 2013, the Quarterly Census of Employment and Wages program, from which the OES sample is drawn, began coding some establishments that were historically found in private households (NAICS 814110) to services for the elderly and persons with disabilities (NAICS 624120). Private households are out of scope for OES, so this shift caused a scope increase for OES in NAICS 624120. Because this scope increase affected only the five most recent of the six survey panels used to produce the May 2016 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.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2016

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
All occupations	140,400,040	\$23.86	\$49,630	\$17.81
Management occupations	7,090,790	56.74	118,020	48.46
Top executives.....	2,465,800	61.03	126,950	49.19
Chief executives.....	223,260	93.44	194,350	87.12
General and operations managers.....	2,188,870	58.70	122,090	47.74
Legislators.....	53,670	(?)	44,820	(?)
Advertising, marketing, promotions, public relations, and sales managers.....	663,960	65.39	136,020	57.89
Advertising and promotions managers.....	28,860	56.64	117,810	48.47
Marketing and sales managers.....	571,120	66.52	138,350	59.10
Marketing managers.....	205,900	69.30	144,140	63.07
Sales managers.....	365,230	64.95	135,090	56.71
Public relations and fundraising managers.....	63,970	59.31	123,360	51.59
Operations specialties managers.....	1,693,430	60.32	125,470	53.88
Administrative services managers.....	266,280	47.56	98,930	43.29
Computer and information systems managers.....	352,510	70.07	145,740	65.29
Financial managers.....	543,300	67.17	139,720	58.54
Industrial production managers.....	168,400	51.47	107,060	46.70
Purchasing managers.....	71,750	56.60	117,720	53.65
Transportation, storage, and distribution managers.....	113,270	46.94	97,630	42.88
Compensation and benefits managers.....	15,230	61.01	126,900	55.89
Human resources managers.....	129,810	57.79	120,210	51.40
Training and development managers.....	32,880	55.37	115,180	50.88
Other management occupations.....	2,267,610	46.86	97,480	42.03
Farmers, ranchers, and other agricultural managers.....	4,560	36.44	75,790	31.91
Construction managers.....	249,650	47.84	99,510	42.93
Education administrators.....	464,070	44.79	93,160	41.80
Education administrators, preschool and childcare center/program.....	48,530	25.07	52,150	22.01
Education administrators, elementary and secondary school.....	242,970	(?)	95,390	(?)
Education administrators, postsecondary.....	138,430	50.85	105,770	43.63
Education administrators, all other.....	34,140	40.58	84,400	37.60
Architectural and engineering managers.....	178,390	69.17	143,870	64.78
Food service managers.....	201,470	26.93	56,010	24.43
Funeral service managers.....	8,370	42.78	88,970	35.50
Gaming managers.....	4,280	38.31	79,690	33.26
Lodging managers.....	35,410	28.56	59,410	24.93
Medical and health services managers.....	332,150	52.58	109,370	46.41
Natural sciences managers.....	54,780	65.46	136,150	57.62
Postmasters and mail superintendents.....	14,720	34.61	71,980	34.45
Property, real estate, and community association managers.....	180,290	33.79	70,290	27.42
Social and community service managers.....	126,230	34.07	70,870	31.10
Emergency management directors.....	9,570	37.53	78,060	33.89
Managers, all other.....	403,670	53.92	112,150	50.47
Business and financial operations occupations	7,281,190	36.09	75,070	31.99
Business operations specialists.....	4,629,810	34.54	71,840	31.37
Agents and business managers of artists, performers, and athletes.....	13,470	41.62	86,560	29.85
Buyers and purchasing agents.....	418,530	31.44	65,390	29.18
Buyers and purchasing agents, farm products.....	11,490	30.73	63,910	28.09
Wholesale and retail buyers, except farm products.....	109,440	28.87	60,040	25.65
Purchasing agents, except wholesale, retail, and farm products.....	297,600	32.41	67,420	30.43
Claims adjusters, appraisers, examiners, and investigators.....	289,550	31.27	65,040	30.61
Claims adjusters, examiners, and investigators.....	274,420	31.24	64,990	30.62
Insurance appraisers, auto damage.....	15,130	31.70	65,930	30.53
Compliance officers.....	273,910	33.77	70,250	31.99
Cost estimators.....	214,610	32.03	66,620	29.71
Human resources workers.....	605,040	31.14	64,780	28.58
Human resources specialists.....	524,800	31.20	64,890	28.45
Farm labor contractors.....	810	22.74	47,290	16.90
Labor relations specialists.....	79,430	30.89	64,250	29.96
Logisticians.....	146,060	37.41	77,810	35.66
Management analysts.....	637,690	44.19	91,910	39.10
Meeting, convention, and event planners.....	95,850	25.01	52,020	22.76
Fundraisers.....	68,910	27.85	57,930	26.02
Compensation, benefits, and job analysis specialists.....	79,190	31.97	66,490	29.85
Training and development specialists.....	269,710	30.46	63,350	28.37
Market research analysts and marketing specialists.....	558,630	33.95	70,620	30.08
Business operations specialists, all other.....	958,670	35.99	74,870	33.19
Financial specialists.....	2,651,370	38.80	80,700	33.07
Accountants and auditors.....	1,246,540	36.89	76,730	32.76
Appraisers and assessors of real estate.....	60,770	27.90	58,030	24.93
Budget analysts.....	54,700	37.10	77,170	35.50
Credit analysts.....	72,930	39.02	81,160	33.62
Financial analysts and advisors.....	575,110	49.54	103,050	38.91
Financial analysts.....	281,610	46.94	97,640	39.31
Personal financial advisors.....	201,850	59.18	123,100	43.53
Insurance underwriters.....	91,650	36.29	75,480	32.54
Financial examiners.....	49,750	42.76	88,940	38.11
Credit counselors and loan officers.....	339,800	35.37	73,570	29.34
Credit counselors.....	34,110	23.79	49,480	21.34

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2016- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Business and financial operations occupations (Continued)				
Loan officers.....	305,700	\$36.67	\$76,260	\$30.60
Tax examiners, collectors and preparers, and revenue agents.....	128,480	24.56	51,080	21.78
Tax examiners and collectors, and revenue agents.....	58,450	27.86	57,950	25.03
Tax preparers.....	70,030	21.80	45,340	17.57
Financial specialists, all other.....	123,270	36.65	76,230	33.40
Computer and mathematical occupations	4,165,140	42.25	87,880	39.82
Computer occupations.....	3,997,370	42.24	87,870	39.84
Computer and information research scientists.....	26,580	55.92	116,320	53.77
Computer and information analysts.....	665,830	44.36	92,260	42.29
Computer systems analysts.....	568,960	44.05	91,620	41.93
Information security analysts.....	96,870	46.17	96,040	44.52
Software developers and programmers.....	1,604,570	48.11	100,080	46.07
Computer programmers.....	271,200	40.95	85,180	38.39
Software developers, applications.....	794,000	50.14	104,300	48.12
Software developers, systems software.....	409,820	53.17	110,590	51.38
Web developers.....	129,540	34.69	72,150	31.79
Database and systems administrators and network architects.....	647,610	43.15	89,750	40.85
Database administrators.....	113,730	41.89	87,130	40.84
Network and computer systems administrators.....	376,820	40.63	84,500	38.32
Computer network architects.....	157,070	50.12	104,240	48.66
Computer support specialists.....	791,580	27.21	56,600	25.08
Computer user support specialists.....	602,840	25.53	53,100	23.74
Computer network support specialists.....	188,740	32.58	67,770	30.13
Computer occupations, all other.....	261,210	42.73	88,880	41.59
Mathematical science occupations.....	167,770	42.42	88,230	39.30
Actuaries.....	19,940	54.87	114,120	48.37
Mathematicians.....	2,730	50.77	105,600	50.87
Operations research analysts.....	109,150	40.55	84,340	38.08
Statisticians.....	33,440	40.94	85,160	38.70
Miscellaneous mathematical science occupations.....	2,510	35.44	73,700	28.98
Mathematical technicians.....	510	28.12	58,490	23.87
Mathematical science occupations, all other.....	2,000	37.28	77,550	31.27
Architecture and engineering occupations	2,499,050	40.53	84,300	37.45
Architects, surveyors, and cartographers.....	174,720	36.66	76,260	33.66
Architects, except naval.....	119,280	39.39	81,920	35.98
Architects, except landscape and naval.....	99,860	40.61	84,470	36.99
Landscape architects.....	19,420	33.08	68,820	30.52
Surveyors, cartographers, and photogrammetrists.....	55,440	30.80	64,070	28.94
Cartographers and photogrammetrists.....	12,100	31.81	66,160	30.17
Surveyors.....	43,340	30.52	63,480	28.56
Engineers.....	1,635,420	46.37	96,440	43.75
Aerospace engineers.....	68,510	53.85	112,010	52.72
Agricultural engineers.....	1,980	37.18	77,330	35.40
Biomedical engineers.....	20,590	43.25	89,970	41.16
Chemical engineers.....	31,990	50.68	105,420	47.28
Civil engineers.....	287,800	43.14	89,730	40.16
Computer hardware engineers.....	72,950	57.07	118,700	55.33
Electrical and electronics engineers.....	315,870	48.45	100,770	46.28
Electrical engineers.....	183,770	47.41	98,620	45.29
Electronics engineers, except computer.....	132,100	49.89	103,760	47.70
Environmental engineers.....	52,280	42.56	88,530	40.81
Industrial engineers, including health and safety.....	281,950	42.63	88,680	40.63
Health and safety engineers, except mining safety engineers and inspectors.....	25,410	43.36	90,190	41.69
Industrial engineers.....	256,550	42.56	88,530	40.53
Marine engineers and naval architects.....	8,120	48.01	99,860	44.88
Materials engineers.....	26,800	46.66	97,050	44.86
Mechanical engineers.....	285,790	43.17	89,800	40.48
Mining and geological engineers, including mining safety engineers.....	6,940	49.52	103,010	45.06
Nuclear engineers.....	17,680	50.94	105,950	49.14
Petroleum engineers.....	32,780	70.69	147,030	61.65
Engineers, all other.....	123,390	47.71	99,250	46.78
Drafters, engineering technicians, and mapping technicians.....	688,900	27.66	57,530	26.41
Drafters.....	202,710	27.16	56,500	25.71
Architectural and civil drafters.....	96,810	26.10	54,290	24.83
Electrical and electronics drafters.....	26,750	30.48	63,390	28.83
Mechanical drafters.....	63,630	27.63	57,480	26.19
Drafters, all other.....	15,530	26.16	54,410	24.26
Engineering technicians, except drafters.....	432,270	28.61	59,510	27.55
Aerospace engineering and operations technicians.....	11,970	34.17	71,070	32.70
Civil engineering technicians.....	72,150	25.06	52,120	24.03
Electrical and electronics engineering technicians.....	134,870	30.27	62,950	29.90
Electro-mechanical technicians.....	13,710	27.82	57,860	26.74
Environmental engineering technicians.....	16,550	25.24	52,500	23.64
Industrial engineering technicians.....	63,220	27.37	56,920	25.64
Mechanical engineering technicians.....	45,510	27.49	57,180	26.19
Engineering technicians, except drafters, all other.....	74,290	30.80	64,050	29.96
Surveying and mapping technicians.....	53,920	21.87	45,490	20.41

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2016- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Life, physical, and social science occupations	1,152,840	\$35.06	\$72,930	\$30.45
Life scientists.....	286,390	39.94	83,080	34.59
Agricultural and food scientists.....	31,350	33.88	70,470	30.25
Animal scientists.....	2,470	35.04	72,890	29.01
Food scientists and technologists.....	14,200	34.26	71,270	30.74
Soil and plant scientists.....	14,690	33.31	69,290	29.95
Biological scientists.....	103,690	38.49	80,060	34.56
Biochemists and biophysicists.....	29,200	45.36	94,340	39.51
Microbiologists.....	21,670	36.95	76,850	32.14
Zoologists and wildlife biologists.....	17,720	31.20	64,890	29.10
Biological scientists, all other.....	35,110	37.42	77,830	35.96
Conservation scientists and foresters.....	28,890	30.63	63,720	29.14
Conservation scientists.....	20,470	31.31	65,130	29.72
Foresters.....	8,420	28.99	60,300	28.22
Medical scientists.....	114,560	45.26	94,150	38.33
Epidemiologists.....	5,690	37.37	77,720	34.05
Medical scientists, except epidemiologists.....	108,870	45.68	95,000	38.72
Life scientists, all other.....	7,890	39.98	83,150	35.51
Physical scientists.....	262,640	41.98	87,310	37.40
Astronomers and physicists.....	18,510	58.00	120,650	55.23
Astronomers.....	1,830	53.07	110,380	50.35
Physicists.....	16,680	58.54	121,770	55.71
Atmospheric and space scientists.....	9,800	45.60	94,840	44.45
Chemists and materials scientists.....	94,410	39.68	82,520	36.26
Chemists.....	86,660	38.86	80,820	35.45
Materials scientists.....	7,750	48.83	101,570	47.80
Environmental scientists and geoscientists.....	120,970	40.19	83,600	35.25
Environmental scientists and specialists, including health.....	84,250	36.23	75,360	33.13
Geoscientists, except hydrologists and geographers.....	30,420	51.15	106,390	43.16
Hydrologists.....	6,300	40.26	83,740	38.69
Physical scientists, all other.....	18,960	47.34	98,460	46.19
Social scientists and related workers.....	244,820	39.13	81,380	36.19
Economists.....	19,380	54.26	112,860	48.58
Survey researchers.....	11,930	28.82	59,950	26.19
Psychologists.....	122,310	38.77	80,640	36.17
Clinical, counseling, and school psychologists.....	107,980	37.83	78,690	35.23
Industrial-organizational psychologists.....	1,020	50.27	104,570	39.79
Psychologists, all other.....	13,310	45.51	94,650	46.02
Sociologists.....	2,870	41.75	86,840	38.34
Urban and regional planners.....	34,810	35.12	73,060	33.66
Miscellaneous social scientists and related workers.....	53,530	39.22	81,570	37.03
Anthropologists and archeologists.....	6,470	31.94	66,440	30.38
Geographers.....	1,370	35.62	74,090	35.70
Historians.....	2,950	29.32	60,990	26.49
Political scientists.....	6,350	53.97	112,250	54.95
Social scientists and related workers, all other.....	36,380	38.87	80,860	37.03
Life, physical, and social science technicians.....	358,980	23.34	48,550	21.27
Agricultural and food science technicians.....	20,420	19.46	40,470	18.05
Biological technicians.....	74,720	22.18	46,130	20.44
Chemical technicians.....	65,510	23.93	49,770	22.04
Geological and petroleum technicians.....	15,100	29.92	62,240	27.15
Nuclear technicians.....	6,840	37.41	77,820	38.05
Social science research assistants.....	30,030	22.51	46,820	20.76
Miscellaneous life, physical, and social science technicians.....	146,370	23.05	47,940	21.25
Environmental science and protection technicians, including health.....	32,950	23.05	47,930	21.25
Forensic science technicians.....	14,800	29.18	60,690	27.29
Forest and conservation technicians.....	30,090	18.57	38,630	17.10
Life, physical, and social science technicians, all other.....	68,540	23.69	49,270	22.14
Community and social service occupations	2,019,250	22.69	47,200	20.67
Counselors, social workers, and other community and social service specialists.....	1,941,090	22.70	47,220	20.68
Counselors.....	659,890	23.91	49,740	22.10
Substance abuse and behavioral disorder counselors.....	91,040	21.23	44,160	19.75
Educational, guidance, school, and vocational counselors.....	260,670	27.70	57,620	26.23
Marriage and family therapists.....	36,960	26.00	54,090	23.64
Mental health counselors.....	139,820	22.14	46,050	20.59
Rehabilitation counselors.....	103,030	18.62	38,740	16.67
Counselors, all other.....	28,380	22.90	47,640	21.32
Social workers.....	631,730	24.38	50,710	22.54
Child, family, and school social workers.....	298,840	22.84	47,510	20.79
Healthcare social workers.....	159,310	26.69	55,510	25.85
Mental health and substance abuse social workers.....	114,040	23.02	47,880	20.53
Social workers, all other.....	59,540	28.56	59,410	28.96
Miscellaneous community and social service specialists.....	649,470	19.84	41,270	17.77
Health educators.....	57,570	27.84	57,900	25.51
Probation officers and correctional treatment specialists.....	87,500	26.63	55,380	24.12
Social and human service assistants.....	360,650	16.41	34,120	15.29
Community health workers.....	51,900	19.80	41,170	17.95
Community and social service specialists, all other.....	91,860	21.89	45,540	20.73
Religious workers.....	78,160	22.42	46,630	20.30
Clergy.....	49,320	23.77	49,450	21.99

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2016- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Community and social service occupations (Continued)				
Directors, religious activities and education.....	20,590	\$21.56	\$44,840	\$18.56
Religious workers, all other.....	8,250	16.49	34,300	13.85
Legal occupations	1,075,520	50.95	105,980	38.30
Lawyers, judges, and related workers.....	680,990	65.27	135,760	55.31
Lawyers and judicial law clerks.....	632,940	66.44	138,190	55.89
Lawyers.....	619,530	67.25	139,880	56.81
Judicial law clerks.....	13,410	28.77	59,840	24.89
Judges, magistrates, and other judicial workers.....	48,050	49.88	103,740	48.54
Administrative law judges, adjudicators, and hearing officers.....	14,540	45.79	95,240	44.28
Arbitrators, mediators, and conciliators.....	6,300	34.97	72,730	28.74
Judges, magistrate judges, and magistrates.....	27,210	55.51	115,460	60.52
Legal support workers.....	394,530	26.25	54,590	23.83
Paralegals and legal assistants.....	277,310	25.57	53,180	23.80
Miscellaneous legal support workers.....	117,220	27.86	57,940	23.93
Court reporters.....	17,700	27.37	56,940	24.68
Title examiners, abstractors, and searchers.....	54,560	24.75	51,490	22.02
Legal support workers, all other.....	44,960	31.81	66,170	26.27
Education, training, and library occupations	8,636,430	26.21	54,520	23.08
Postsecondary teachers.....	1,530,010	(2)	81,880	(2)
Business teachers, postsecondary.....	83,030	(2)	96,770	(2)
Math and computer teachers, postsecondary.....	84,560	(2)	85,350	(2)
Computer science teachers, postsecondary.....	32,540	(2)	89,670	(2)
Mathematical science teachers, postsecondary.....	52,020	(2)	82,650	(2)
Engineering and architecture teachers, postsecondary.....	45,370	(2)	105,120	(2)
Architecture teachers, postsecondary.....	7,370	(2)	92,890	(2)
Engineering teachers, postsecondary.....	38,000	(2)	107,490	(2)
Life sciences teachers, postsecondary.....	62,920	(2)	91,440	(2)
Agricultural sciences teachers, postsecondary.....	10,340	(2)	96,630	(2)
Biological science teachers, postsecondary.....	50,820	(2)	90,420	(2)
Forestry and conservation science teachers, postsecondary.....	1,750	(2)	90,480	(2)
Physical sciences teachers, postsecondary.....	51,780	(2)	92,900	(2)
Atmospheric, earth, marine, and space sciences teachers, postsecondary.....	10,850	(2)	95,900	(2)
Chemistry teachers, postsecondary.....	21,250	(2)	89,320	(2)
Environmental science teachers, postsecondary.....	5,520	(2)	88,880	(2)
Physics teachers, postsecondary.....	14,160	(2)	97,520	(2)
Social sciences teachers, postsecondary.....	114,230	(2)	89,150	(2)
Anthropology and archeology teachers, postsecondary.....	5,700	(2)	91,940	(2)
Area, ethnic, and cultural studies teachers, postsecondary.....	9,060	(2)	84,590	(2)
Economics teachers, postsecondary.....	13,060	(2)	111,520	(2)
Geography teachers, postsecondary.....	4,140	(2)	84,660	(2)
Political science teachers, postsecondary.....	16,720	(2)	94,090	(2)
Psychology teachers, postsecondary.....	37,640	(2)	84,440	(2)
Sociology teachers, postsecondary.....	14,580	(2)	81,600	(2)
Social sciences teachers, postsecondary, all other.....	13,320	(2)	85,950	(2)
Health teachers, postsecondary.....	242,940	(2)	113,770	(2)
Health specialties teachers, postsecondary.....	186,740	(2)	125,430	(2)
Nursing instructors and teachers, postsecondary.....	56,210	(2)	75,030	(2)
Education and library science teachers, postsecondary.....	63,720	(2)	70,420	(2)
Education teachers, postsecondary.....	58,850	(2)	70,260	(2)
Library science teachers, postsecondary.....	4,870	(2)	72,340	(2)
Law, criminal justice, and social work teachers, postsecondary.....	42,490	(2)	94,490	(2)
Criminal justice and law enforcement teachers, postsecondary.....	14,620	(2)	67,040	(2)
Law teachers, postsecondary.....	16,010	(2)	134,530	(2)
Social work teachers, postsecondary.....	11,860	(2)	74,280	(2)
Arts, communications, and humanities teachers, postsecondary.....	272,170	(2)	77,980	(2)
Art, drama, and music teachers, postsecondary.....	99,020	(2)	81,050	(2)
Communications teachers, postsecondary.....	28,180	(2)	74,360	(2)
English language and literature teachers, postsecondary.....	71,270	(2)	76,140	(2)
Foreign language and literature teachers, postsecondary.....	28,720	(2)	73,750	(2)
History teachers, postsecondary.....	21,800	(2)	80,880	(2)
Philosophy and religion teachers, postsecondary.....	23,180	(2)	77,420	(2)
Miscellaneous postsecondary teachers.....	466,790	(2)	58,150	(2)
Graduate teaching assistants.....	135,130	(2)	35,810	(2)
Home economics teachers, postsecondary.....	2,970	(2)	72,790	(2)
Recreation and fitness studies teachers, postsecondary.....	17,390	(2)	67,870	(2)
Vocational education teachers, postsecondary.....	116,430	26.80	55,730	24.36
Postsecondary teachers, all other.....	194,870	(2)	73,990	(2)
Preschool, primary, secondary, and special education school teachers.....	4,133,490	(2)	57,470	(2)
Preschool and kindergarten teachers.....	536,840	19.01	39,550	16.35
Preschool teachers, except special education.....	385,550	16.01	33,300	13.84
Kindergarten teachers, except special education.....	151,290	(2)	55,460	(2)
Elementary and middle school teachers.....	2,031,700	(2)	59,270	(2)
Elementary school teachers, except special education.....	1,392,660	(2)	59,020	(2)
Middle school teachers, except special and career/technical education.....	626,310	(2)	59,800	(2)
Career/technical education teachers, middle school.....	12,730	(2)	60,350	(2)
Secondary school teachers.....	1,083,350	(2)	61,280	(2)
Secondary school teachers, except special and career/technical education.....	1,003,250	(2)	61,420	(2)
Career/technical education teachers, secondary school.....	80,100	(2)	59,480	(2)

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2016- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Education, training, and library occupations (Continued)				
Special education teachers.....	481,600	(?)	\$61,280	(?)
Special education teachers, preschool.....	28,140	(?)	56,990	(?)
Special education teachers, kindergarten and elementary school.....	190,530	(?)	60,090	(?)
Special education teachers, middle school.....	90,250	(?)	61,910	(?)
Special education teachers, secondary school.....	132,490	(?)	64,020	(?)
Special education teachers, all other.....	40,190	(?)	59,450	(?)
Other teachers and instructors.....	1,191,570	18.54	38,560	15.34
Adult basic and secondary education and literacy teachers and instructors.....	58,810	26.51	55,140	24.35
Self-enrichment education teachers.....	229,840	20.75	43,150	17.95
Miscellaneous teachers and instructors.....	902,910	17.46	36,310	14.48
Substitute teachers.....	609,960	14.86	30,900	13.47
Teachers and instructors, all other, except substitute teachers.....	292,950	(?)	47,570	(?)
Librarians, curators, and archivists.....	250,660	23.89	49,700	22.41
Archivists, curators, and museum technicians.....	27,900	25.22	52,460	22.71
Archivists.....	5,760	26.24	54,570	24.28
Curators.....	11,170	28.32	58,910	25.66
Museum technicians and conservators.....	10,970	21.53	44,780	19.25
Librarians.....	129,350	28.78	59,870	27.73
Library technicians.....	93,410	16.72	34,780	15.81
Other education, training, and library occupations.....	1,530,700	(?)	32,420	(?)
Audio-visual and multimedia collections specialists.....	10,300	24.10	50,130	23.00
Farm and home management advisors.....	8,620	25.07	52,150	23.79
Instructional coordinators.....	147,330	31.49	65,500	30.03
Teacher assistants.....	1,263,820	(?)	27,120	(?)
Education, training, and library workers, all other.....	100,640	22.58	46,970	20.48
Arts, design, entertainment, sports, and media occupations	1,902,970	28.07	58,390	22.69
Art and design workers.....	582,550	25.32	52,660	21.35
Artists and related workers.....	89,620	38.24	79,530	33.69
Art directors.....	36,210	48.64	101,170	43.18
Craft artists.....	5,070	18.70	38,900	16.08
Fine artists, including painters, sculptors, and illustrators.....	11,520	27.60	57,410	24.42
Multimedia artists and animators.....	29,810	34.71	72,200	31.40
Artists and related workers, all other.....	7,010	31.07	64,630	29.50
Designers.....	492,930	22.97	47,780	19.61
Commercial and industrial designers.....	31,860	34.08	70,880	32.59
Fashion designers.....	19,230	36.77	76,480	31.33
Floral designers.....	43,990	13.27	27,610	12.43
Graphic designers.....	210,710	25.14	52,290	22.90
Interior designers.....	53,160	27.03	56,220	23.95
Merchandise displayers and window trimmers.....	114,690	14.47	30,090	12.83
Set and exhibit designers.....	12,060	27.69	57,600	24.51
Designers, all other.....	7,230	30.42	63,270	25.66
Entertainers and performers, sports and related workers.....	509,840	29.29	60,910	19.65
Actors, producers, and directors.....	163,130	43.54	90,570	30.22
Actors.....	48,620	39.84	(?)	18.70
Producers and directors.....	114,510	45.12	93,840	34.11
Athletes, coaches, umpires, and related workers.....	259,850	(?)	42,290	(?)
Athletes and sports competitors.....	10,260	(?)	83,730	(?)
Coaches and scouts.....	230,930	(?)	41,000	(?)
Umpires, referees, and other sports officials.....	18,660	(?)	35,540	(?)
Dancers and choreographers.....	15,220	20.83	43,320	16.85
Dancers.....	10,060	18.29	(?)	13.74
Choreographers.....	5,160	25.77	53,610	23.19
Musicians, singers, and related workers.....	58,490	32.86	(?)	24.67
Music directors and composers.....	18,380	29.15	60,630	24.09
Musicians and singers.....	40,110	34.56	(?)	25.14
Entertainers and performers, sports and related workers, all other.....	13,150	23.20	(?)	17.34
Media and communication workers.....	575,630	30.35	63,130	26.34
Announcers.....	37,230	22.60	47,000	14.82
Radio and television announcers.....	29,210	23.16	48,170	15.10
Public address system and other announcers.....	8,020	20.55	42,740	13.91
News analysts, reporters and correspondents.....	45,160	25.46	52,960	18.69
Broadcast news analysts.....	5,070	37.60	78,200	27.25
Reporters and correspondents.....	40,090	23.93	49,770	18.18
Public relations specialists.....	226,940	31.99	66,540	27.89
Writers and editors.....	191,640	33.31	69,280	29.59
Editors.....	97,170	31.77	66,080	27.51
Technical writers.....	49,780	35.18	73,160	33.58
Writers and authors.....	44,690	34.58	71,920	29.44
Miscellaneous media and communication workers.....	74,660	24.58	51,130	21.85
Interpreters and translators.....	51,350	24.64	51,260	22.17
Media and communication workers, all other.....	23,310	24.45	50,860	20.96
Media and communication equipment workers.....	234,960	26.69	55,520	21.96
Broadcast and sound engineering technicians and radio operators.....	116,080	23.68	49,250	20.47
Audio and video equipment technicians.....	69,670	22.81	47,450	20.30
Broadcast technicians.....	30,330	21.84	45,430	18.54
Radio operators.....	870	22.49	46,780	22.24
Sound engineering technicians.....	15,210	31.37	65,240	25.81

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2016- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Arts, design, entertainment, sports, and media occupations (Continued)				
Photographers.....	48,660	\$20.50	\$42,640	\$16.38
Television, video, and motion picture camera operators and editors.....	51,590	35.67	74,200	28.39
Camera operators, television, video, and motion picture.....	21,710	30.38	63,200	26.48
Film and video editors.....	29,880	39.52	82,190	30.18
Media and communication equipment workers, all other.....	18,620	36.78	76,500	36.39
Healthcare practitioners and technical occupations				
Health diagnosing and treating practitioners.....	8,318,500	38.06	79,160	30.49
Health diagnosing and treating practitioners.....	5,143,640	47.51	98,830	37.49
Chiropractors.....	32,960	39.04	81,210	32.46
Dentists.....	122,330	85.90	178,670	76.81
Dentists, general.....	105,620	83.59	173,860	73.99
Oral and maxillofacial surgeons.....	5,380	111.96	232,870	(²)
Orthodontists.....	5,200	109.99	228,780	(²)
Prosthodontists.....	750	80.84	168,140	60.60
Dentists, all other specialists.....	5,380	82.64	171,900	83.17
Dietitians and nutritionists.....	61,430	28.69	59,670	28.33
Optometrists.....	36,430	56.53	117,580	51.03
Pharmacists.....	305,510	57.82	120,270	58.77
Physicians and surgeons.....	649,850	101.04	210,170	(²)
Anesthesiologists.....	30,190	129.62	269,600	(²)
Family and general practitioners.....	122,970	96.54	200,810	91.58
Internists, general.....	45,290	97.04	201,840	94.42
Obstetricians and gynecologists.....	19,800	112.65	234,310	(²)
Pediatricians, general.....	26,960	88.58	184,240	81.24
Psychiatrists.....	24,820	96.26	200,220	93.63
Surgeons.....	41,190	121.59	252,910	(²)
Physicians and surgeons, all other.....	338,620	98.83	205,560	99.48
Physician assistants.....	104,050	49.08	102,090	48.79
Podiatrists.....	9,800	69.28	144,110	60.01
Therapists.....	651,500	37.28	77,540	36.07
Occupational therapists.....	118,070	40.25	83,730	39.38
Physical therapists.....	216,920	41.93	87,220	41.06
Radiation therapists.....	17,450	40.86	84,980	38.54
Recreational therapists.....	18,100	23.17	48,190	22.31
Respiratory therapists.....	126,770	29.15	60,640	28.21
Speech-language pathologists.....	135,980	37.60	78,210	35.90
Exercise physiologists.....	6,880	24.19	50,310	22.76
Therapists, all other.....	11,320	29.13	60,590	27.26
Veterinarians.....	67,650	48.34	100,560	42.68
Registered nurses.....	2,857,180	34.70	72,180	32.91
Nurse anesthetists.....	39,860	78.86	164,030	77.05
Nurse midwives.....	6,270	49.23	102,390	47.97
Nurse practitioners.....	150,230	50.30	104,610	48.52
Audiologists.....	12,310	38.12	79,290	36.53
Health diagnosing and treating practitioners, all other.....	36,280	40.77	84,800	35.83
Health technologists and technicians.....				
Health technologists and technicians.....	3,018,820	22.34	46,460	20.55
Clinical laboratory technologists and technicians.....	326,920	25.13	52,280	24.48
Medical and clinical laboratory technologists.....	166,730	30.02	62,440	29.36
Medical and clinical laboratory technicians.....	160,190	20.05	41,700	18.73
Dental hygienists.....	204,990	35.31	73,440	35.05
Diagnostic related technologists and technicians.....	375,690	30.27	62,960	29.40
Cardiovascular technologists and technicians.....	53,760	27.45	57,100	26.71
Diagnostic medical sonographers.....	65,790	34.49	71,750	33.49
Nuclear medicine technologists.....	19,650	36.52	75,960	35.75
Radiologic technologists.....	200,650	28.49	59,260	27.62
Magnetic resonance imaging technologists.....	35,850	33.29	69,240	32.90
Emergency medical technicians and paramedics.....	244,960	17.36	36,110	15.71
Health practitioner support technologists and technicians.....	752,050	16.91	35,180	15.93
Dietetic technicians.....	32,240	14.12	29,360	12.67
Pharmacy technicians.....	398,390	15.47	32,170	14.86
Psychiatric technicians.....	61,720	17.25	35,870	14.89
Respiratory therapy technicians.....	10,600	24.29	50,520	23.93
Surgical technologists.....	105,720	22.50	46,800	21.71
Veterinary technologists and technicians.....	99,390	16.29	33,870	15.62
Ophthalmic medical technicians.....	43,990	17.81	37,040	17.08
Licensed practical and licensed vocational nurses.....	702,400	21.56	44,840	21.20
Medical records and health information technicians.....	200,140	19.93	41,460	18.29
Opticians, dispensing.....	75,270	18.20	37,860	17.08
Miscellaneous health technologists and technicians.....	136,410	22.92	47,680	20.43
Orthotists and prosthetists.....	7,500	33.62	69,920	31.55
Hearing aid specialists.....	6,740	25.48	53,000	24.16
Health technologists and technicians, all other.....	122,170	22.13	46,020	19.75
Other healthcare practitioners and technical occupations.....				
Other healthcare practitioners and technical occupations.....	156,040	30.41	63,250	28.49
Occupational health and safety specialists and technicians.....	93,190	33.14	68,930	32.13
Occupational health and safety specialists.....	76,630	34.85	72,480	34.09
Occupational health and safety technicians.....	16,560	25.25	52,520	23.47
Miscellaneous health practitioners and technical workers.....	62,850	26.36	54,830	22.98
Athletic trainers.....	24,130	(²)	47,880	(²)

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2016- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Healthcare practitioners and technical occupations (Continued)				
Genetic counselors.....	2,720	\$36.04	\$74,960	\$35.64
Healthcare practitioners and technical workers, all other.....	36,000	27.87	57,960	23.47
Healthcare support occupations	4,043,480	14.65	30,470	13.42
Nursing, psychiatric, and home health aides.....	2,377,790	12.65	26,320	11.93
Nursing, psychiatric, and home health aides.....	2,377,790	12.65	26,320	11.93
Home health aides.....	814,300	11.35	23,600	10.87
Psychiatric aides.....	67,410	13.83	28,770	12.85
Nursing assistants.....	1,443,150	13.29	27,650	12.78
Orderlies.....	52,940	13.73	28,550	12.83
Occupational therapy and physical therapist assistants and aides.....	181,000	23.28	48,410	23.54
Occupational therapy assistants and aides.....	45,380	26.51	55,130	26.96
Occupational therapy assistants.....	38,170	28.62	59,530	28.37
Occupational therapy aides.....	7,210	15.31	31,840	13.62
Physical therapist assistants and aides.....	135,610	22.20	46,170	21.77
Physical therapist assistants.....	85,580	27.33	56,850	27.21
Physical therapist aides.....	50,030	13.41	27,890	12.35
Other healthcare support occupations.....	1,484,690	16.79	34,920	15.95
Massage therapists.....	95,830	21.39	44,480	19.17
Miscellaneous healthcare support occupations.....	1,388,860	16.47	34,260	15.81
Dental assistants.....	327,290	18.22	37,890	17.76
Medical assistants.....	623,560	15.79	32,850	15.17
Medical equipment preparers.....	52,500	17.29	35,960	16.54
Medical transcriptionists.....	54,070	17.86	37,150	17.17
Pharmacy aides.....	36,660	13.66	28,420	12.14
Veterinary assistants and laboratory animal caretakers.....	79,990	12.89	26,810	12.14
Phlebotomists.....	120,970	16.22	33,750	15.72
Healthcare support workers, all other.....	93,830	18.13	37,720	17.46
Protective service occupations	3,386,360	22.03	45,810	18.59
Supervisors of protective service workers.....	273,490	34.76	72,300	32.42
First-line supervisors of law enforcement workers.....	143,430	39.13	81,380	37.26
First-line supervisors of correctional officers.....	43,230	31.30	65,100	29.12
First-line supervisors of police and detectives.....	100,200	42.50	88,400	40.79
First-line supervisors of fire fighting and prevention workers.....	57,170	37.04	77,050	35.84
First-line supervisors of protective service workers, all other.....	72,880	24.37	50,690	22.99
Fire fighting and prevention workers.....	329,480	24.47	50,890	23.22
Firefighters.....	315,910	24.29	50,520	23.09
Fire inspectors.....	13,570	28.63	59,550	26.98
Fire inspectors and investigators.....	11,910	29.64	61,660	28.10
Forest fire inspectors and prevention specialists.....	1,650	21.30	44,300	17.42
Law enforcement workers.....	1,232,490	28.03	58,310	25.60
Bailiffs, correctional officers, and jailers.....	449,480	22.46	46,710	20.59
Bailiffs.....	17,880	21.99	45,740	20.52
Correctional officers and jailers.....	431,600	22.48	46,750	20.59
Detectives and criminal investigators.....	104,980	39.18	81,490	37.56
Fish and game wardens.....	6,610	26.33	54,760	24.87
Parking enforcement workers.....	8,920	19.06	39,650	18.25
Police officers.....	662,500	30.19	62,790	28.73
Police and sheriff's patrol officers.....	657,690	30.17	62,760	28.69
Transit and railroad police.....	4,810	32.62	67,850	32.03
Other protective service workers.....	1,550,910	14.49	30,130	12.48
Animal control workers.....	12,970	17.60	36,600	16.61
Private detectives and investigators.....	28,490	25.74	53,530	23.17
Security guards and gaming surveillance officers.....	1,113,580	14.32	29,780	12.43
Gaming surveillance officers and gaming investigators.....	10,460	16.96	35,280	15.69
Security guards.....	1,103,120	14.29	29,730	12.39
Miscellaneous protective service workers.....	395,870	14.05	29,230	12.03
Crossing guards.....	72,900	14.03	29,190	12.84
Lifeguards, ski patrol, and other recreational protective service workers.....	145,100	10.89	22,640	9.76
Transportation security screeners.....	42,750	19.31	40,160	19.08
Protective service workers, all other.....	135,120	15.81	32,880	13.81
Food preparation and serving related occupations	12,981,720	11.47	23,850	10.01
Supervisors of food preparation and serving workers.....	1,042,750	17.47	36,340	15.77
Supervisors of food preparation and serving workers.....	1,042,750	17.47	36,340	15.77
Chefs and head cooks.....	134,190	22.79	47,390	20.76
First-line supervisors of food preparation and serving workers.....	908,550	16.68	34,700	15.13
Cooks and food preparation workers.....	3,190,940	11.53	23,990	10.80
Cooks.....	2,340,280	11.72	24,370	10.99
Cooks, fast food.....	513,200	9.89	20,570	9.55
Cooks, institution and cafeteria.....	409,850	12.68	26,370	11.90
Cooks, private household.....	370	20.30	42,220	15.42
Cooks, restaurant.....	1,217,370	12.23	25,430	11.61
Cooks, short order.....	183,990	11.12	23,130	10.52
Cooks, all other.....	15,490	14.04	29,210	13.04
Food preparation workers.....	850,670	11.02	22,920	10.31

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2016- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Food preparation and serving related occupations (Continued)				
Food and beverage serving workers.....	7,355,090	\$10.78	\$22,430	\$9.50
Bartenders.....	603,320	12.30	25,580	10.00
Fast food and counter workers.....	3,925,640	9.89	20,580	9.38
Combined food preparation and serving workers, including fast food.....	3,426,090	9.84	20,460	9.35
Counter attendants, cafeteria, food concession, and coffee shop.....	499,550	10.28	21,380	9.60
Waiters and waitresses.....	2,564,610	11.73	24,410	9.61
Food servers, nonrestaurant.....	261,520	11.29	23,490	10.21
Other food preparation and serving related workers.....	1,392,950	10.44	21,710	9.77
Dining room and cafeteria attendants and bartender helpers.....	423,080	10.74	22,340	9.71
Dishwashers.....	506,450	10.22	21,260	10.00
Hosts and hostesses, restaurant, lounge, and coffee shop.....	404,360	10.29	21,410	9.60
Food preparation and serving related workers, all other.....	59,060	11.16	23,200	10.14
Building and grounds cleaning and maintenance occupations	4,426,090	13.47	28,010	11.87
Supervisors of building and grounds cleaning and maintenance workers.....	264,210	21.24	44,190	19.65
First-line supervisors of building and grounds cleaning and maintenance workers.....	264,210	21.24	44,190	19.65
First-line supervisors of housekeeping and janitorial workers.....	161,140	19.83	41,240	18.36
First-line supervisors of landscaping, lawn service, and groundskeeping workers.....	103,070	23.46	48,790	21.99
Building cleaning and pest control workers.....	3,174,220	12.64	26,300	11.33
Building cleaning workers.....	3,101,400	12.55	26,090	11.26
Janitors and cleaners, except maids and housekeeping cleaners.....	2,161,740	12.99	27,030	11.63
Maids and housekeeping cleaners.....	924,640	11.46	23,830	10.49
Building cleaning workers, all other.....	15,020	14.88	30,960	14.28
Pest control workers.....	72,830	16.84	35,020	15.88
Grounds maintenance workers.....	987,670	14.02	29,170	12.90
Grounds maintenance workers.....	987,670	14.02	29,170	12.90
Landscaping and groundskeeping workers.....	906,570	13.73	28,560	12.65
Pesticide handlers, sprayers, and applicators, vegetation.....	25,230	17.17	35,720	16.22
Tree trimmers and pruners.....	40,680	17.94	37,310	16.84
Grounds maintenance workers, all other.....	15,170	15.83	32,930	13.69
Personal care and service occupations	4,514,960	12.74	26,510	10.92
Supervisors of personal care and service workers.....	220,200	19.66	40,880	18.12
First-line supervisors of gaming workers.....	29,780	22.88	47,590	22.50
Gaming supervisors.....	22,130	24.43	50,810	24.29
Slot supervisors.....	7,640	18.41	38,300	17.35
First-line supervisors of personal service workers.....	190,420	19.15	39,830	17.65
Animal care and service workers.....	200,950	12.07	25,110	10.69
Animal trainers.....	13,590	16.62	34,580	13.31
Nonfarm animal caretakers.....	187,360	11.74	24,420	10.57
Entertainment attendants and related workers.....	567,550	10.89	22,660	9.67
Gaming services workers.....	118,170	11.06	23,000	9.46
Gaming dealers.....	94,570	10.57	21,990	9.27
Gaming and sports book writers and runners.....	11,460	12.36	25,710	10.87
Gaming service workers, all other.....	12,140	13.61	28,300	11.96
Motion picture projectionists.....	5,480	11.90	24,750	10.62
Ushers, lobby attendants, and ticket takers.....	117,920	10.45	21,740	9.58
Miscellaneous entertainment attendants and related workers.....	325,970	10.98	22,830	9.91
Amusement and recreation attendants.....	286,740	10.58	22,000	9.69
Costume attendants.....	6,640	24.27	50,470	22.07
Locker room, coatroom, and dressing room attendants.....	18,040	11.73	24,390	10.44
Entertainment attendants and related workers, all other.....	14,550	11.83	24,610	11.19
Funeral service workers.....	65,330	18.70	38,890	15.42
Embalmers.....	3,710	20.32	42,260	19.30
Funeral attendants.....	35,770	13.03	27,110	11.94
Morticians, undertakers, and funeral directors.....	25,850	26.30	54,700	24.08
Personal appearance workers.....	521,740	14.04	29,190	11.48
Barbers, hairdressers, hairstylists and cosmetologists.....	368,280	14.23	29,600	11.68
Barbers.....	15,900	14.38	29,900	12.38
Hairdressers, hairstylists, and cosmetologists.....	352,380	14.23	29,590	11.66
Miscellaneous personal appearance workers.....	153,460	13.56	28,210	11.12
Makeup artists, theatrical and performance.....	3,600	34.42	71,590	29.31
Manicurists and pedicurists.....	90,630	11.70	24,330	10.65
Shampooers.....	15,240	10.08	20,960	9.47
Skincare specialists.....	43,980	16.91	35,160	14.55
Baggage porters, bellhops, and concierges.....	76,760	13.28	27,630	11.88
Baggage porters, bellhops, and concierges.....	76,760	13.28	27,630	11.88
Baggage porters and bellhops.....	44,750	11.97	24,910	10.70
Concierges.....	32,020	15.11	31,440	14.06
Tour and travel guides.....	41,690	13.78	28,670	12.20
Tour and travel guides.....	41,690	13.78	28,670	12.20
Tour guides and escorts.....	38,660	13.51	28,100	11.98
Travel guides.....	3,030	17.28	35,930	15.44
Other personal care and service workers.....	2,820,750	12.22	25,410	10.83
Childcare workers.....	569,370	11.02	22,930	10.18
Personal care aides.....	1,492,250	10.92	22,710	10.54
Recreation and fitness workers.....	594,280	16.33	33,970	13.25
Fitness trainers and aerobics instructors.....	257,410	20.57	42,780	18.34
Recreation workers.....	336,880	13.09	27,230	11.48

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2016- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Personal care and service occupations (Continued)				
Residential advisors.....	110,330	\$13.31	\$27,690	\$12.29
Personal care and service workers, all other.....	54,520	13.20	27,460	12.22
Sales and related occupations	14,536,530	19.50	40,560	12.78
Supervisors of sales workers.....	1,446,900	24.63	51,230	20.31
First-line supervisors of sales workers.....	1,446,900	24.63	51,230	20.31
First-line supervisors of retail sales workers.....	1,194,220	21.11	43,910	18.77
First-line supervisors of non-retail sales workers.....	252,670	41.27	85,830	35.17
Retail sales workers.....	8,791,750	12.14	25,250	10.37
Cashiers.....	3,564,130	10.44	21,710	9.71
Cashiers.....	3,541,010	10.43	21,680	9.70
Gaming change persons and booth cashiers.....	23,120	12.47	25,940	11.44
Counter and rental clerks and parts salespersons.....	699,070	14.79	30,750	12.99
Counter and rental clerks.....	450,330	14.13	29,390	12.29
Parts salespersons.....	248,740	15.97	33,220	14.32
Retail salespersons.....	4,528,550	13.07	27,180	10.90
Sales representatives, services.....	1,903,140	33.90	70,510	25.29
Advertising sales agents.....	141,100	30.61	63,660	24.22
Insurance sales agents.....	385,700	32.58	67,760	24.03
Securities, commodities, and financial services sales agents.....	353,780	49.17	102,260	32.36
Travel agents.....	68,680	19.18	39,900	17.53
Sales representatives, services, all other.....	953,870	30.32	63,070	25.23
Sales representatives, wholesale and manufacturing.....	1,732,420	35.12	73,060	29.10
Sales representatives, wholesale and manufacturing.....	1,732,420	35.12	73,060	29.10
Sales representatives, wholesale and manufacturing, technical and scientific products.....	328,370	44.67	92,910	37.97
Sales representatives, wholesale and manufacturing, except technical and scientific products.....	1,404,050	32.89	68,410	27.47
Other sales and related workers.....	662,330	23.77	49,440	15.65
Models, demonstrators, and product promoters.....	90,890	14.84	30,860	12.30
Demonstrators and product promoters.....	86,500	14.70	30,570	12.31
Models.....	4,390	17.58	36,560	10.51
Real estate brokers and sales agents.....	192,690	30.57	63,590	22.32
Real estate brokers.....	40,850	38.14	79,340	27.30
Real estate sales agents.....	151,840	28.54	59,360	21.20
Sales engineers.....	74,330	52.35	108,880	48.08
Telemarketers.....	215,290	13.06	27,170	11.69
Miscellaneous sales and related workers.....	89,120	20.19	42,000	17.25
Door-to-door sales workers, news and street vendors, and related workers.....	8,040	13.76	28,630	11.70
Sales and related workers, all other.....	81,080	20.83	43,330	17.88
Office and administrative support occupations	22,026,080	17.91	37,260	16.37
Supervisors of office and administrative support workers.....	1,443,150	27.83	57,890	26.12
First-line supervisors of office and administrative support workers.....	1,443,150	27.83	57,890	26.12
Communications equipment operators.....	101,910	14.97	31,130	13.77
Switchboard operators, including answering service.....	90,910	14.29	29,720	13.47
Telephone operators.....	8,860	20.69	43,030	17.79
Communications equipment operators, all other.....	2,150	20.15	41,910	19.06
Financial clerks.....	3,133,030	18.17	37,790	17.23
Bill and account collectors.....	298,960	18.09	37,620	17.00
Billing and posting clerks.....	485,220	18.06	37,570	17.38
Bookkeeping, accounting, and auditing clerks.....	1,566,960	19.34	40,220	18.46
Gaming cage workers.....	18,810	13.52	28,120	12.49
Payroll and timekeeping clerks.....	159,650	20.95	43,580	20.38
Procurement clerks.....	72,120	20.18	41,980	19.91
Tellers.....	496,760	13.49	28,060	13.11
Financial clerks, all other.....	34,540	20.13	41,870	19.01
Information and record clerks.....	5,630,810	16.53	34,370	15.24
Brokerage clerks.....	59,820	25.18	52,380	23.65
Correspondence clerks.....	6,780	18.11	37,660	17.49
Court, municipal, and license clerks.....	128,620	18.83	39,160	17.63
Credit authorizers, checkers, and clerks.....	37,680	18.91	39,320	17.75
Customer service representatives.....	2,707,040	16.91	35,170	15.53
Eligibility interviewers, government programs.....	135,940	20.94	43,550	20.84
File clerks.....	130,950	15.03	31,260	13.99
Hotel, motel, and resort desk clerks.....	248,440	11.32	23,530	10.61
Interviewers, except eligibility and loan.....	186,030	16.17	33,640	15.46
Library assistants, clerical.....	98,560	13.20	27,450	12.12
Loan interviewers and clerks.....	224,340	19.37	40,300	18.57
New accounts clerks.....	41,630	17.54	36,480	16.82
Order clerks.....	176,850	16.90	35,160	16.04
Human resources assistants, except payroll and timekeeping.....	137,150	19.28	40,100	18.76
Receptionists and information clerks.....	997,770	14.00	29,120	13.42
Reservation and transportation ticket agents and travel clerks.....	146,350	18.29	38,050	16.94
Information and record clerks, all other.....	166,850	19.28	40,090	18.87
Material recording, scheduling, dispatching, and distributing workers.....	4,101,520	16.42	34,150	14.63
Cargo and freight agents.....	88,920	21.27	44,250	20.15
Couriers and messengers.....	74,120	14.39	29,920	13.54
Dispatchers.....	293,090	19.79	41,150	18.40
Police, fire, and ambulance dispatchers.....	95,170	19.74	41,070	18.69
Dispatchers, except police, fire, and ambulance.....	197,910	19.80	41,190	18.24
Meter readers, utilities.....	34,070	20.14	41,890	18.72

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2016- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Office and administrative support occupations (Continued)				
Postal service workers.....	521,750	\$24.07	\$50,070	\$27.30
Postal service clerks.....	82,030	23.25	48,360	27.30
Postal service mail carriers.....	328,950	24.33	50,610	27.94
Postal service mail sorters, processors, and processing machine operators.....	110,770	23.90	49,710	27.03
Production, planning, and expediting clerks.....	321,780	23.58	49,050	22.48
Shipping, receiving, and traffic clerks.....	676,990	15.94	33,150	14.99
Stock clerks and order fillers.....	2,016,340	12.82	26,670	11.46
Weighers, measurers, checkers, and samplers, recordkeeping.....	74,460	14.94	31,080	13.84
Secretaries and administrative assistants.....	3,675,140	19.39	40,330	17.90
Secretaries and administrative assistants.....	3,675,140	19.39	40,330	17.90
Executive secretaries and executive administrative assistants.....	631,610	27.84	57,910	26.86
Legal secretaries.....	191,200	23.03	47,900	21.24
Medical secretaries.....	556,820	16.85	35,060	16.22
Secretaries and administrative assistants, except legal, medical, and executive.....	2,295,510	17.38	36,140	16.74
Other office and administrative support workers.....	3,940,510	16.31	33,930	15.19
Computer operators.....	46,810	21.10	43,880	20.32
Data entry and information processing workers.....	262,040	16.24	33,780	15.38
Data entry keyers.....	194,810	15.21	31,640	14.47
Word processors and typists.....	67,230	19.22	39,970	18.63
Desktop publishers.....	13,090	21.34	44,380	19.76
Insurance claims and policy processing clerks.....	274,350	19.61	40,780	18.48
Mail clerks and mail machine operators, except postal service.....	91,530	14.70	30,580	14.02
Office clerks, general.....	2,955,550	15.87	33,010	14.70
Office machine operators, except computer.....	58,160	15.57	32,390	14.64
Proofreaders and copy markers.....	11,430	19.06	39,640	17.77
Statistical assistants.....	10,900	23.22	48,300	22.53
Office and administrative support workers, all other.....	216,650	17.33	36,040	16.36
Farming, fishing, and forestry occupations				
Supervisors of farming, fishing, and forestry workers.....	463,640	13.37	27,810	11.30
Supervisors of farming, fishing, and forestry workers.....	19,550	23.47	48,820	21.79
First-line supervisors of farming, fishing, and forestry workers.....	19,550	23.47	48,820	21.79
Agricultural workers.....	397,630	12.30	25,570	10.93
Agricultural inspectors.....	14,710	21.28	44,260	20.58
Animal breeders.....	1,270	20.35	42,340	17.16
Graders and sorters, agricultural products.....	38,780	11.68	24,280	10.83
Miscellaneous agricultural workers.....	342,870	11.95	24,860	10.83
Agricultural equipment operators.....	28,700	14.63	30,430	13.87
Farmworkers and laborers, crop, nursery, and greenhouse.....	273,450	11.45	23,820	10.58
Farmworkers, farm, ranch, and aquacultural animals.....	35,670	12.90	26,840	11.79
Agricultural workers, all other.....	5,040	16.88	35,120	14.98
Fishing and hunting workers.....	650	15.11	31,440	14.08
Fishers and related fishing workers.....	520	14.78	30,740	13.04
Forest, conservation, and logging workers.....	45,820	18.37	38,210	17.55
Forest and conservation workers.....	7,170	15.00	31,200	12.95
Logging workers.....	38,650	19.00	39,510	18.07
Fallers.....	5,370	20.62	42,900	17.96
Logging equipment operators.....	27,250	18.69	38,880	18.03
Log graders and scalers.....	3,020	18.34	38,150	17.83
Logging workers, all other.....	3,010	19.50	40,560	18.73
Construction and extraction occupations				
Supervisors of construction and extraction workers.....	5,585,420	23.51	48,900	20.96
Supervisors of construction and extraction workers.....	538,220	32.71	68,040	30.28
First-line supervisors of construction trades and extraction workers.....	538,220	32.71	68,040	30.28
Construction trades workers.....	4,216,890	22.88	47,580	20.34
Boilermakers.....	16,660	29.90	62,200	29.84
Brickmasons, blockmasons, and stonemasons.....	77,560	24.89	51,770	22.88
Brickmasons and blockmasons.....	64,370	25.69	53,440	23.68
Stonemasons.....	13,190	20.98	43,650	19.13
Carpenters.....	676,980	23.24	48,340	20.96
Carpet, floor, and tile installers and finishers.....	77,410	21.13	43,950	18.82
Carpet installers.....	25,660	21.30	44,310	18.40
Floor layers, except carpet, wood, and hard tiles.....	10,340	20.37	42,370	18.19
Floor sanders and finishers.....	4,590	18.70	38,890	17.72
Tile and marble setters.....	36,830	21.52	44,770	19.45
Cement masons, concrete finishers, and terrazzo workers.....	177,340	21.04	43,770	18.85
Cement masons and concrete finishers.....	173,920	21.02	43,720	18.84
Terrazzo workers and finishers.....	3,420	22.11	45,990	19.68
Construction laborers.....	912,100	18.22	37,890	16.07
Construction equipment operators.....	412,190	23.95	49,810	21.65
Paving, surfacing, and tamping equipment operators.....	51,880	21.06	43,800	18.74
Pile-driver operators.....	3,570	29.68	61,740	26.48
Operating engineers and other construction equipment operators.....	356,750	24.31	50,560	22.06
Drywall installers, ceiling tile installers, and tapers.....	111,650	23.30	48,460	20.33
Drywall and ceiling tile installers.....	93,180	22.79	47,400	19.75
Tapers.....	18,480	25.86	53,790	23.56
Electricians.....	607,120	27.24	56,650	25.35
Glaziers.....	47,140	22.72	47,260	20.16

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2016- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Construction and extraction occupations (Continued)				
Insulation workers.....	56,770	\$21.67	\$45,070	\$18.89
Insulation workers, floor, ceiling, and wall.....	29,500	18.99	39,490	17.15
Insulation workers, mechanical.....	27,270	24.57	51,100	21.84
Painters and paperhangers.....	220,470	19.92	41,430	18.04
Painters, construction and maintenance.....	217,280	19.96	41,510	18.06
Paperhangers.....	3,190	17.53	36,470	16.23
Pipelayers, plumbers, pipefitters, and steamfitters.....	451,500	26.38	54,870	24.18
Pipelayers.....	39,620	20.61	42,860	18.47
Plumbers, pipefitters, and steamfitters.....	411,870	26.94	56,030	24.74
Plasterers and stucco masons.....	22,810	21.19	44,070	18.70
Reinforcing iron and rebar workers.....	20,020	25.77	53,600	22.89
Roofers.....	116,410	20.23	42,080	18.15
Sheet metal workers.....	134,450	24.56	51,080	22.57
Structural iron and steel workers.....	69,440	26.94	56,040	24.91
Solar photovoltaic installers.....	8,870	20.43	42,500	18.87
Helpers, construction trades.....	228,590	14.86	30,900	14.03
Helpers, construction trades.....	228,590	14.86	30,900	14.03
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters.....	23,950	16.16	33,610	14.70
Helpers--carpenters.....	35,890	14.52	30,200	13.85
Helpers--electricians.....	71,890	14.89	30,980	14.20
Helpers--painters, paperhangers, plasterers, and stucco masons.....	10,780	13.83	28,760	13.13
Helpers--pipelayers, plumbers, pipefitters, and steamfitters.....	54,080	14.73	30,640	13.96
Helpers--roofers.....	10,190	13.89	28,890	13.30
Helpers, construction trades, all other.....	21,820	15.12	31,450	14.07
Other construction and related workers.....	403,940	22.92	47,670	20.65
Construction and building inspectors.....	94,960	29.45	61,250	28.12
Elevator installers and repairers.....	22,240	36.95	76,860	37.93
Fence erectors.....	21,500	17.49	36,380	15.94
Hazardous materials removal workers.....	44,280	21.88	45,500	19.54
Highway maintenance workers.....	143,320	19.01	39,540	18.33
Rail-track laying and maintenance equipment operators.....	14,250	25.39	52,810	25.95
Septic tank servicers and sewer pipe cleaners.....	26,320	18.69	38,870	17.51
Miscellaneous construction and related workers.....	37,070	19.32	40,190	17.63
Segmental pavers.....	1,720	16.42	34,160	16.12
Construction and related workers, all other.....	35,340	19.46	40,480	17.73
Extraction workers.....	197,770	23.17	48,190	21.34
Derrick, rotary drill, and service unit operators, oil, gas, and mining.....	71,860	25.97	54,010	23.90
Derrick operators, oil and gas.....	11,580	24.59	51,140	23.14
Rotary drill operators, oil and gas.....	17,400	27.47	57,140	26.17
Service unit operators, oil, gas, and mining.....	42,890	25.73	53,520	23.37
Earth drillers, except oil and gas.....	18,500	24.64	51,240	21.33
Explosives workers, ordnance handling experts, and blasters.....	6,310	26.24	54,580	25.08
Mining machine operators.....	20,120	24.91	51,800	24.75
Continuous mining machine operators.....	12,030	25.31	52,650	24.92
Mine cutting and channeling machine operators.....	5,930	24.36	50,670	24.95
Mining machine operators, all other.....	2,160	24.14	50,220	23.08
Rock splitters, quarry.....	3,770	16.76	34,860	16.36
Roof bolters, mining.....	3,930	27.94	58,110	27.30
Roustabouts, oil and gas.....	51,290	19.46	40,480	17.95
Helpers--extraction workers.....	17,660	17.87	37,160	17.21
Extraction workers, all other.....	4,320	24.60	51,170	23.44
Installation, maintenance, and repair occupations	5,456,640	22.45	46,690	20.89
Supervisors of installation, maintenance, and repair workers.....	453,330	32.08	66,730	30.55
First-line supervisors of mechanics, installers, and repairers.....	453,330	32.08	66,730	30.55
Electrical and electronic equipment mechanics, installers, and repairers.....	588,510	24.47	50,900	23.45
Computer, automated teller, and office machine repairers.....	102,170	18.95	39,410	17.84
Radio and telecommunications equipment installers and repairers.....	242,550	26.18	54,460	25.74
Radio, cellular, and tower equipment installers and repairers.....	14,120	25.78	53,620	25.23
Telecommunications equipment installers and repairers, except line installers.....	228,430	26.21	54,520	25.79
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers.....	243,790	25.08	52,170	24.24
Avionics technicians.....	17,330	29.51	61,390	29.21
Electric motor, power tool, and related repairers.....	17,050	21.50	44,720	19.99
Electrical and electronics installers and repairers, transportation equipment.....	13,960	28.77	59,840	28.50
Electrical and electronics repairers, commercial and industrial equipment.....	67,390	27.40	56,990	27.04
Electrical and electronics repairers, powerhouse, substation, and relay.....	23,060	35.84	74,540	36.38
Electronic equipment installers and repairers, motor vehicles.....	11,750	16.44	34,200	15.49
Electronic home entertainment equipment installers and repairers.....	25,550	18.91	39,340	17.99
Security and fire alarm systems installers.....	67,700	21.95	45,660	21.31
Vehicle and mobile equipment mechanics, installers, and repairers.....	1,578,250	21.02	43,710	19.68
Aircraft mechanics and service technicians.....	128,570	29.42	61,190	28.93
Automotive technicians and repairers.....	809,930	20.17	41,950	18.68
Automotive body and related repairers.....	143,940	21.72	45,180	19.97
Automotive glass installers and repairers.....	18,610	17.38	36,140	16.51
Automotive service technicians and mechanics.....	647,380	19.90	41,400	18.50
Bus and truck mechanics and diesel engine specialists.....	254,280	22.45	46,710	21.72
Heavy vehicle and mobile equipment service technicians and mechanics.....	180,760	23.52	48,920	22.93
Farm equipment mechanics and service technicians.....	35,110	18.90	39,310	18.18
Mobile heavy equipment mechanics, except engines.....	123,570	24.43	50,810	23.73
Rail car repairers.....	22,090	25.77	53,590	26.44

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2016- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Installation, maintenance, and repair occupations (Continued)				
Small engine mechanics.....	69,280	\$17.95	\$37,340	\$16.96
Motorboat mechanics and service technicians.....	20,260	19.65	40,860	18.65
Motorcycle mechanics.....	16,000	17.81	37,040	16.69
Outdoor power equipment and other small engine mechanics.....	33,020	16.98	35,320	16.22
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers.....	135,430	13.64	28,360	12.57
Bicycle repairers.....	12,560	13.71	28,520	13.28
Recreational vehicle service technicians.....	13,520	18.29	38,040	17.51
Tire repairers and changers.....	109,350	13.05	27,150	12.04
Other installation, maintenance, and repair occupations.....	2,836,540	21.28	44,270	19.68
Control and valve installers and repairers.....	65,590	24.72	51,410	23.07
Mechanical door repairers.....	19,840	19.43	40,420	18.50
Control and valve installers and repairers, except mechanical door.....	45,740	27.01	56,180	26.21
Heating, air conditioning, and refrigeration mechanics and installers.....	294,730	23.23	48,320	22.07
Home appliance repairers.....	33,480	19.42	40,390	18.06
Industrial machinery installation, repair, and maintenance workers.....	465,330	24.48	50,910	23.60
Industrial machinery mechanics.....	334,490	24.95	51,890	24.06
Maintenance workers, machinery.....	89,630	22.11	46,000	21.42
Millwrights.....	39,670	25.94	53,950	25.21
Refractory materials repairers, except brickmasons.....	1,540	22.60	47,000	21.74
Line installers and repairers.....	217,750	29.54	61,430	30.12
Electrical power-line installers and repairers.....	117,670	32.29	67,160	32.70
Telecommunications line installers and repairers.....	100,080	26.30	54,700	25.28
Precision instrument and equipment repairers.....	68,360	23.89	49,680	22.70
Camera and photographic equipment repairers.....	3,760	21.12	43,920	19.74
Medical equipment repairers.....	43,370	24.48	50,910	23.11
Musical instrument repairers and tuners.....	7,980	18.12	37,690	16.83
Watch repairers.....	1,620	19.10	39,720	17.66
Precision instrument and equipment repairers, all other.....	11,640	27.20	56,570	27.03
Maintenance and repair workers, general.....	1,332,480	18.92	39,360	17.76
Wind turbine service technicians.....	4,580	26.13	54,360	25.13
Miscellaneous installation, maintenance, and repair workers.....	354,250	18.24	37,940	16.43
Coin, vending, and amusement machine servicers and repairers.....	33,600	16.76	34,860	15.90
Commercial divers.....	3,370	25.96	53,990	23.60
Fabric menders, except garment.....	550	13.30	27,670	12.94
Locksmiths and safe repairers.....	18,640	20.28	42,180	19.43
Manufactured building and mobile home installers.....	3,200	14.92	31,030	14.33
Riggers.....	21,020	23.57	49,030	21.97
Signal and track switch repairers.....	8,680	30.15	62,710	31.42
Helpers--installation, maintenance, and repair workers.....	118,720	14.12	29,370	13.23
Installation, maintenance, and repair workers, all other.....	146,460	20.10	41,810	18.50
Production occupations				
Supervisors of production workers.....	9,105,650	17.88	37,190	15.93
First-line supervisors of production and operating workers.....	610,480	29.54	61,450	27.78
Assemblers and fabricators.....	610,480	29.54	61,450	27.78
Assemblers and fabricators.....	1,798,860	16.16	33,610	14.87
Aircraft structure, surfaces, rigging, and systems assemblers.....	42,010	25.26	52,530	24.06
Electrical, electronics, and electromechanical assemblers.....	278,150	16.38	34,060	15.26
Coil winders, tapers, and finishers.....	14,090	16.99	35,340	16.32
Electrical and electronic equipment assemblers.....	218,530	16.20	33,700	15.06
Electromechanical equipment assemblers.....	45,540	17.02	35,410	16.03
Engine and other machine assemblers.....	38,150	20.71	43,090	19.81
Structural metal fabricators and fitters.....	77,270	19.23	40,000	18.14
Miscellaneous assemblers and fabricators.....	1,363,280	15.54	32,310	14.35
Fiberglass laminators and fabricators.....	19,400	15.87	33,020	14.84
Team assemblers.....	1,112,780	15.65	32,550	14.45
Timing device assemblers and adjusters.....	790	20.42	42,470	17.81
Assemblers and fabricators, all other.....	230,310	14.93	31,050	13.73
Food processing workers.....	793,100	13.62	28,320	12.64
Bakers.....	180,450	13.04	27,110	12.06
Butchers and other meat, poultry, and fish processing workers.....	364,460	13.53	28,140	12.70
Butchers and meat cutters.....	133,880	15.26	31,740	14.36
Meat, poultry, and fish cutters and trimmers.....	149,800	12.27	25,510	11.77
Slaughterers and meat packers.....	80,780	13.00	27,040	12.78
Miscellaneous food processing workers.....	248,200	14.17	29,470	13.04
Food and tobacco roasting, baking, and drying machine operators and tenders.....	20,080	14.89	30,970	13.73
Food batchmakers.....	148,540	14.48	30,130	13.37
Food cooking machine operators and tenders.....	36,520	14.58	30,330	13.63
Food processing workers, all other.....	43,070	12.40	25,800	11.61
Metal workers and plastic workers.....	1,924,170	19.15	39,830	18.06
Computer control programmers and operators.....	171,370	20.02	41,640	18.89
Computer-controlled machine tool operators, metal and plastic.....	146,190	19.03	39,590	18.21
Computer numerically controlled machine tool programmers, metal and plastic.....	25,180	25.75	53,560	24.32
Forming machine setters, operators, and tenders, metal and plastic.....	120,170	18.01	37,460	17.22
Extruding and drawing machine setters, operators, and tenders, metal and plastic.....	71,960	16.99	35,340	16.29
Forging machine setters, operators, and tenders, metal and plastic.....	19,160	18.61	38,710	17.76
Rolling machine setters, operators, and tenders, metal and plastic.....	29,060	20.14	41,900	19.56
Machine tool cutting setters, operators, and tenders, metal and plastic.....	331,110	17.05	35,470	16.16
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic.....	192,800	16.45	34,210	15.56
Drilling and boring machine tool setters, operators, and tenders, metal and plastic.....	12,290	18.69	38,880	17.50

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2016- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Production occupations (Continued)				
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic.....	74,600	\$16.79	\$34,920	\$15.81
Lathe and turning machine tool setters, operators, and tenders, metal and plastic.....	33,850	19.05	39,630	18.50
Milling and planing machine setters, operators, and tenders, metal and plastic.....	17,560	19.80	41,180	19.15
Machinists.....	391,120	20.78	43,220	20.05
Metal furnace operators, tenders, pourers, and casters.....	26,300	19.41	40,360	18.86
Metal-refining furnace operators and tenders.....	17,730	20.12	41,840	19.73
Pourers and casters, metal.....	8,560	17.93	37,300	17.39
Model makers and patternmakers, metal and plastic.....	9,680	23.21	48,280	22.41
Model makers, metal and plastic.....	6,250	24.21	50,360	23.34
Patternmakers, metal and plastic.....	3,420	21.39	44,490	21.25
Molders and molding machine setters, operators, and tenders, metal and plastic.....	158,370	15.83	32,930	14.82
Foundry mold and coremakers.....	12,810	17.32	36,030	16.73
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic.....	145,560	15.70	32,660	14.65
Multiple machine tool setters, operators, and tenders, metal and plastic.....	117,300	17.40	36,190	16.51
Tool and die makers.....	72,210	24.81	51,610	24.55
Welding, soldering, and brazing workers.....	429,650	20.20	42,010	18.80
Welders, cutters, solderers, and brazers.....	382,730	20.41	42,450	18.94
Welding, soldering, and brazing machine setters, operators, and tenders.....	46,920	18.45	38,380	17.78
Miscellaneous metal workers and plastic workers.....	96,910	17.83	37,090	16.70
Heat treating equipment setters, operators, and tenders, metal and plastic.....	19,780	18.76	39,010	17.88
Layout workers, metal and plastic.....	9,070	22.94	47,720	22.03
Plating and coating machine setters, operators, and tenders, metal and plastic.....	35,570	16.20	33,690	15.04
Tool grinders, filers, and sharpeners.....	9,550	18.68	38,860	17.62
Metal workers and plastic workers, all other.....	22,930	17.20	35,780	16.00
Printing workers.....	255,980	17.79	37,010	16.88
Printing workers.....	255,980	17.79	37,010	16.88
Prepress technicians and workers.....	33,340	19.54	40,640	18.72
Printing press operators.....	169,910	18.01	37,460	17.08
Print binding and finishing workers.....	52,730	16.00	33,270	15.10
Textile, apparel, and furnishings workers.....	582,470	12.63	26,270	11.42
Laundry and dry-cleaning workers.....	207,710	11.16	23,210	10.34
Pressers, textile, garment, and related materials.....	45,150	10.71	22,270	10.24
Sewing machine operators.....	139,500	12.42	25,830	11.38
Shoe and leather workers.....	11,280	12.59	26,190	11.83
Shoe and leather workers and repairers.....	7,780	12.52	26,040	11.51
Shoe machine operators and tenders.....	3,500	12.75	26,530	12.57
Tailors, dressmakers, and sewers.....	28,200	14.18	29,500	13.02
Sewers, hand.....	6,540	12.32	25,630	11.79
Tailors, dressmakers, and custom sewers.....	21,660	14.74	30,670	13.58
Textile machine setters, operators, and tenders.....	77,800	13.55	28,190	13.10
Textile bleaching and dyeing machine operators and tenders.....	10,860	13.69	28,480	13.11
Textile cutting machine setters, operators, and tenders.....	15,040	13.40	27,860	12.55
Textile knitting and weaving machine setters, operators, and tenders.....	21,550	13.65	28,380	13.21
Textile winding, twisting, and drawing out machine setters, operators, and tenders.....	30,340	13.51	28,110	13.22
Miscellaneous textile, apparel, and furnishings workers.....	72,820	16.84	35,030	15.58
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers.....	19,340	17.03	35,420	16.46
Fabric and apparel patternmakers.....	5,310	23.30	48,460	19.06
Upholsters.....	32,520	16.65	34,640	15.89
Textile, apparel, and furnishings workers, all other.....	15,650	14.82	30,830	12.45
Woodworkers.....	250,870	15.47	32,170	14.52
Cabinetmakers and bench carpenters.....	97,980	16.73	34,800	15.89
Furniture finishers.....	17,370	15.54	32,330	14.69
Model makers and patternmakers, wood.....	2,000	22.92	47,660	21.31
Model makers, wood.....	1,040	22.83	47,480	19.66
Patternmakers, wood.....	970	23.01	47,850	22.36
Woodworking machine setters, operators, and tenders.....	126,760	14.37	29,900	13.69
Sawing machine setters, operators, and tenders, wood.....	50,640	14.41	29,960	13.65
Woodworking machine setters, operators, and tenders, except sawing.....	76,130	14.35	29,850	13.71
Woodworkers, all other.....	6,750	15.28	31,780	13.70
Plant and system operators.....	307,370	28.84	59,980	27.93
Power plant operators, distributors, and dispatchers.....	53,560	37.40	77,790	37.68
Nuclear power reactor operators.....	7,170	43.93	91,370	43.83
Power distributors and dispatchers.....	11,380	39.18	81,500	39.37
Power plant operators.....	35,010	35.48	73,800	35.91
Stationary engineers and boiler operators.....	33,720	29.52	61,410	28.56
Water and wastewater treatment plant and system operators.....	115,840	23.04	47,930	22.00
Miscellaneous plant and system operators.....	104,250	30.65	63,750	30.49
Chemical plant and system operators.....	33,300	28.57	59,430	28.81
Gas plant operators.....	17,350	32.68	67,980	32.49
Petroleum pump system operators, refinery operators, and gaugers.....	41,630	32.63	67,870	32.40
Plant and system operators, all other.....	11,970	26.61	55,340	26.41
Other production occupations.....	2,582,350	16.80	34,950	15.15
Chemical processing machine setters, operators, and tenders.....	121,010	22.52	46,850	20.96
Chemical equipment operators and tenders.....	73,840	24.18	50,300	22.97
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders.....	47,160	19.93	41,450	18.44
Crushing, grinding, polishing, mixing, and blending workers.....	186,980	17.51	36,410	16.56
Crushing, grinding, and polishing machine setters, operators, and tenders.....	29,830	17.33	36,050	16.53
Grinding and polishing workers, hand.....	26,670	14.84	30,860	13.81
Mixing and blending machine setters, operators, and tenders.....	130,480	18.09	37,630	17.16

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2016- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Production occupations (Continued)				
Cutting workers.....	75,580	\$15.95	\$33,170	\$15.28
Cutters and trimmers, hand.....	14,250	14.22	29,580	13.27
Cutting and slicing machine setters, operators, and tenders.....	61,330	16.35	34,000	15.80
Extruding, forming, pressing, and compacting machine setters, operators, and tenders.....	71,260	16.52	34,370	15.63
Furnace, kiln, oven, drier, and kettle operators and tenders.....	19,520	18.08	37,600	17.33
Inspectors, testers, sorters, samplers, and weighers.....	518,950	19.40	40,340	17.68
Jewelers and precious stone and metal workers.....	26,480	20.34	42,310	18.37
Medical, dental, and ophthalmic laboratory technicians.....	80,240	18.40	38,270	16.65
Dental laboratory technicians.....	37,110	19.59	40,760	18.12
Medical appliance technicians.....	14,570	19.18	39,880	17.30
Ophthalmic laboratory technicians.....	28,570	16.45	34,220	14.73
Packaging and filling machine operators and tenders.....	386,520	14.86	30,910	13.60
Painting workers.....	156,070	18.45	38,370	16.97
Coating, painting, and spraying machine setters, operators, and tenders.....	85,760	16.57	34,460	15.76
Painters, transportation equipment.....	54,860	22.25	46,270	20.27
Painting, coating, and decorating workers.....	15,450	15.40	32,040	14.44
Semiconductor processors.....	24,430	18.22	37,890	17.15
Photographic process workers and processing machine operators.....	26,430	15.26	31,740	12.73
Miscellaneous production workers.....	888,880	14.75	30,680	13.28
Adhesive bonding machine operators and tenders.....	16,940	16.64	34,610	15.53
Cleaning, washing, and metal pickling equipment operators and tenders.....	17,860	14.71	30,590	13.73
Cooling and freezing equipment operators and tenders.....	8,170	15.43	32,100	14.04
Etchers and engravers.....	9,520	16.54	34,390	14.96
Molders, shapers, and casters, except metal and plastic.....	39,450	15.67	32,590	14.72
Paper goods machine setters, operators, and tenders.....	93,100	18.54	38,570	17.79
Tire builders.....	22,280	20.30	42,230	20.04
Helpers--production workers.....	429,890	12.95	26,930	11.94
Production workers, all other.....	251,670	15.57	32,380	13.83
Transportation and material moving occupations	9,731,790	17.34	36,070	14.78
Supervisors of transportation and material moving workers.....	393,850	26.52	55,160	25.12
Aircraft cargo handling supervisors.....	7,460	24.95	51,900	22.77
First-line supervisors of helpers, laborers, and material movers, hand.....	183,620	24.12	50,160	22.71
First-line supervisors of transportation and material-moving machine and vehicle operators.....	202,760	28.75	59,800	27.54
Air transportation workers.....	265,890	(?)	93,560	(?)
Aircraft pilots and flight engineers.....	120,500	(?)	131,250	(?)
Airline pilots, copilots, and flight engineers.....	81,520	(?)	152,770	(?)
Commercial pilots.....	38,980	(?)	86,260	(?)
Air traffic controllers and airfield operations specialists.....	32,000	48.17	100,190	46.57
Air traffic controllers.....	23,240	56.83	118,200	58.85
Airfield operations specialists.....	8,760	25.19	52,380	23.51
Flight attendants.....	113,390	(?)	51,620	(?)
Motor vehicle operators.....	3,934,070	17.93	37,280	16.82
Ambulance drivers and attendants, except emergency medical technicians.....	17,300	12.31	25,600	11.46
Bus drivers.....	684,690	16.23	33,760	15.35
Bus drivers, transit and intercity.....	169,680	20.09	41,780	19.13
Bus drivers, school or special client.....	515,020	14.96	31,110	14.50
Driver/sales workers and truck drivers.....	2,989,540	18.70	38,900	17.63
Driver/sales workers.....	426,310	13.67	28,440	10.98
Heavy and tractor-trailer truck drivers.....	1,704,520	20.96	43,590	19.87
Light truck or delivery services drivers.....	858,710	16.73	34,790	14.70
Taxi drivers and chauffeurs.....	188,860	12.88	26,790	11.68
Motor vehicle operators, all other.....	53,680	15.83	32,930	13.05
Rail transportation workers.....	125,200	28.34	58,950	27.76
Locomotive engineers and operators.....	45,640	28.96	60,230	27.47
Locomotive engineers.....	39,900	29.34	61,020	27.73
Locomotive firers.....	1,210	30.65	63,750	27.99
Rail yard engineers, dinkey operators, and hostlers.....	4,530	25.15	52,320	24.27
Railroad brake, signal, and switch operators.....	19,860	26.60	55,320	27.20
Railroad conductors and yardmasters.....	42,880	27.99	58,220	27.64
Subway and streetcar operators.....	12,350	29.99	62,380	31.09
Rail transportation workers, all other.....	4,470	28.60	59,480	29.05
Water transportation workers.....	82,290	31.32	65,140	26.38
Sailors and marine oilers.....	32,530	22.20	46,170	20.22
Ship and boat captains and operators.....	40,010	37.68	78,380	33.48
Captains, mates, and pilots of water vessels.....	36,720	39.19	81,520	34.94
Motorboat operators.....	3,290	20.84	43,340	19.33
Ship engineers.....	9,750	35.64	74,120	33.93
Other transportation workers.....	349,540	14.53	30,230	11.33
Bridge and lock tenders.....	3,510	22.44	46,680	23.60
Parking lot attendants.....	146,350	11.18	23,250	10.45
Automotive and watercraft service attendants.....	109,790	11.67	24,280	10.78
Traffic technicians.....	6,410	23.39	48,650	21.71
Transportation inspectors.....	27,430	34.93	72,650	34.72
Transportation attendants, except flight attendants.....	18,410	14.94	31,080	12.53
Transportation workers, all other.....	37,660	18.63	38,740	17.15
Material moving workers.....	4,580,950	14.11	29,360	12.62
Conveyor operators and tenders.....	28,590	16.28	33,870	15.10
Crane and tower operators.....	45,020	26.58	55,280	25.08

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2016- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Transportation and material moving occupations (Continued)				
Dredge, excavating, and loading machine operators.....	52,620	\$21.91	\$45,560	\$20.00
Dredge operators.....	1,760	22.37	46,530	20.40
Excavating and loading machine and dragline operators.....	48,320	21.74	45,230	19.72
Loading machine operators, underground mining.....	2,550	24.65	51,260	25.68
Hoist and winch operators.....	2,960	24.05	50,020	20.45
Industrial truck and tractor operators.....	542,750	16.47	34,260	15.61
Laborers and material movers, hand.....	3,730,410	13.25	27,570	11.88
Cleaners of vehicles and equipment.....	348,770	11.85	24,660	10.68
Laborers and freight, stock, and material movers, hand.....	2,587,900	13.81	28,720	12.49
Machine feeders and offbearers.....	88,070	14.66	30,490	13.66
Packers and packagers, hand.....	705,660	11.74	24,430	10.64
Pumping station operators.....	27,540	24.05	50,030	23.48
Gas compressor and gas pumping station operators.....	3,890	28.66	59,620	29.07
Pump operators, except wellhead pumpers.....	12,030	22.24	46,270	20.42
Wellhead pumpers.....	11,610	24.39	50,730	23.85
Refuse and recyclable material collectors.....	114,680	18.12	37,690	16.95
Mine shuttle car operators.....	1,590	27.10	56,370	27.14
Tank car, truck, and ship loaders.....	10,920	19.04	39,590	17.20
Material moving workers, all other.....	23,880	16.61	34,540	13.64

¹ Annual wages have been calculated by multiplying the hourly mean wage by a "year-round, full-time" hours figure of 2,080 hours; for those occupations where there is not an hourly mean wage published, the annual wage has been directly calculated from the reported survey data.

² 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.

³ Represents a wage equal to or greater than \$100.00 per hour.