

For release 10:00 a.m. (EDT) Friday, March 29, 2019

USDL-19-0493

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OCCUPATIONAL EMPLOYMENT AND WAGES — MAY 2018

Transportation and material moving occupations had employment of 10.2 million in May 2018, representing 7.1 percent of total national employment, the U.S. Bureau of Labor Statistics reported today. The largest transportation and material moving occupation was laborers and hand freight, stock, and material movers (2.9 million) and the highest paying transportation and material moving occupation was airline pilots, copilots, and flight engineers (\$169,560). (See chart 1 and chart 2.) The annual mean wage across all transportation and material moving occupations was \$38,290, compared with the U.S. average wage of \$51,960. (See table 1.)

The Occupational Employment Statistics (OES) program provides employment and wage estimates for over 800 occupations in the nation, states, and approximately 530 areas. National data are available by industry for approximately 415 industry classifications and by ownership across all industries, schools, and hospitals. This news release features transportation and material moving; education, training, and library; and food preparation and serving related occupations, in addition to STEM (science, technology, engineering, and mathematics) occupations and employment and wages by typical entry-level educational requirement. National employment and wage information for all occupations is shown in table 1.

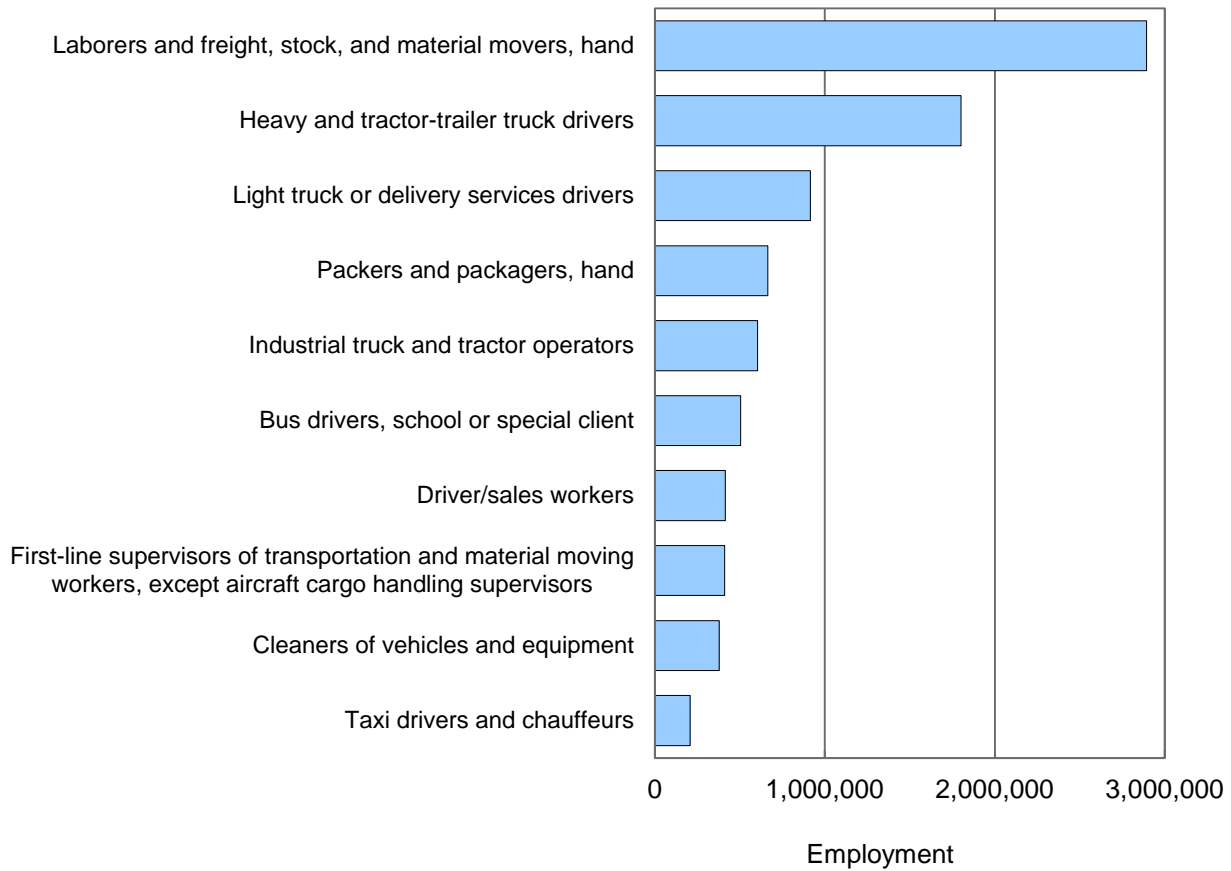
Transportation and material moving occupations

- The **largest** transportation and material moving occupations were laborers and hand freight, stock, and material movers (2.9 million); heavy and tractor-trailer truck drivers (1.8 million); and light truck or delivery services drivers (915,310). (See table 1 and chart 1.)
- Several of the **highest paying** transportation and material moving occupations were related to air or water transportation. The highest paying transportation and material moving occupations were airline pilots, copilots, and flight engineers (\$169,560); air traffic controllers (\$120,830); commercial pilots (\$96,530); and captains, mates, and pilots of water vessels (\$82,380). (See table 1 and chart 2.)

Changes to the Occupational Employment Statistics (OES) Data

Within metropolitan areas, data for the 38 metropolitan divisions are no longer available. Also, some small nonmetropolitan areas have been combined to form larger nonmetropolitan areas. See the box notes at the end of this news release for more information on current and upcoming changes to OES data.

Chart 1. Employment for the largest transportation and material moving occupations, May 2018



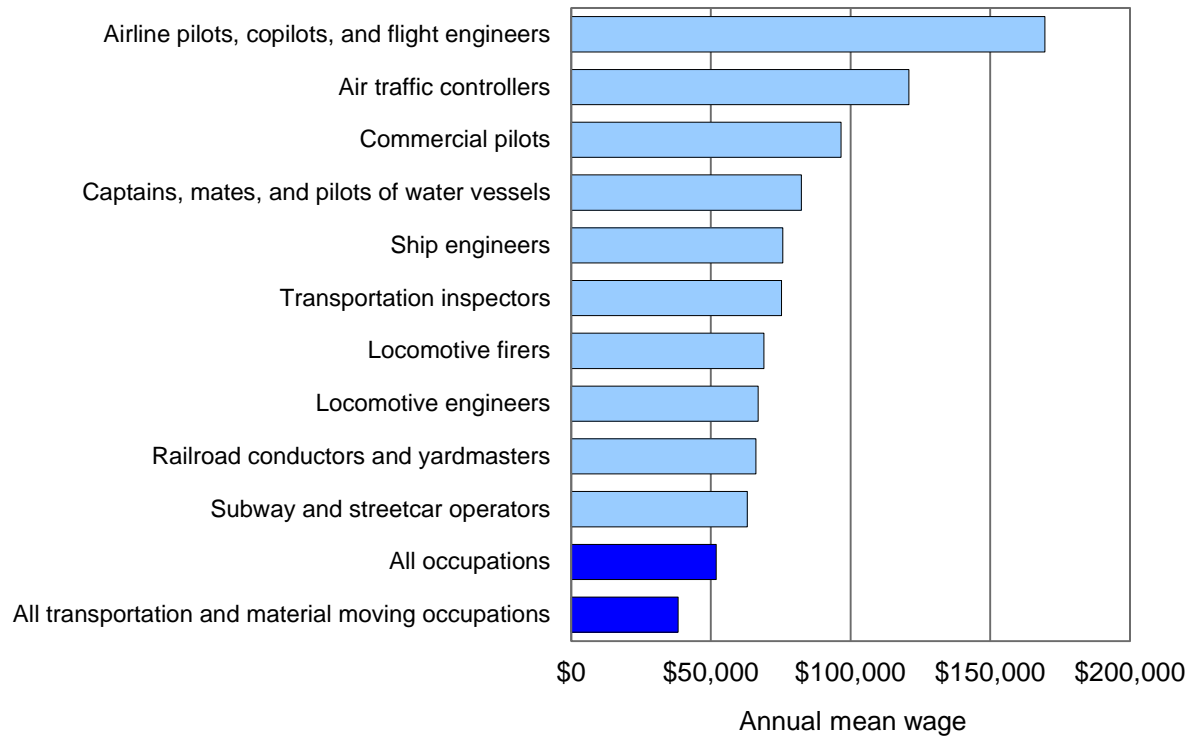
Source: U.S. Bureau of Labor Statistics, Occupational Employment Statistics.

- The **lowest paying** transportation and material moving occupations were parking lot attendants (\$25,130) and automotive and watercraft service attendants (\$25,940). (See table 1.)
- **Industries** with the highest employment of transportation and material moving occupations were truck transportation (1.1 million); employment services, which includes temporary help services (890,660); and warehousing and storage (725,670).
- **States** with the highest employment shares of transportation and material moving occupations were Kentucky (9.6 percent), New Jersey, and Tennessee (each 9.4 percent).
- Alaska (\$59,320), the District of Columbia (\$47,670), and Hawaii (\$47,450) were among the states with the highest wages for transportation and material moving occupations.

State and metropolitan/nonmetropolitan area data are available at www.bls.gov/oes/current/oessrcst.htm and www.bls.gov/oes/current/oessrcma.htm, respectively.

National industry-specific data are available at www.bls.gov/oes/current/oessrci.htm.

Chart 2. Highest paying transportation and material moving occupations, May 2018



Source: U.S. Bureau of Labor Statistics, Occupational Employment Statistics.

Education, training, and library occupations

- Education, training, and library occupations had **employment** of 8.8 million and an **annual mean wage** of \$56,620. (See table 1.)
- Over 74 percent of education, training, and library jobs were in the **public sector**. Local government accounted for 64 percent of employment in this occupational group.
- The **largest** education, training, and library occupations were elementary school teachers, except special education (1.4 million); teacher assistants (1.3 million); and secondary school teachers, except special and career/technical education (1.1 million). (See table 1.) These were also the largest occupations in the public sector.
- The **highest paying** education, training, and library occupations were all postsecondary teaching occupations, including postsecondary law teachers (\$130,710) and postsecondary health specialties teachers (\$122,320). (See table 1.)
- The **lowest paying** education, training, and library occupations were teacher assistants (\$28,750) and substitute teachers (\$32,360). (See table 1.)

- **Elementary school teachers, except special education** had an annual mean wage of \$62,200 nationally. (See table 1.) Wages for this occupation varied by state from \$40,450 in Oklahoma to \$83,010 in New York.

Public and private sector ownership data are available at www.bls.gov/oes/current/oesrci.htm.

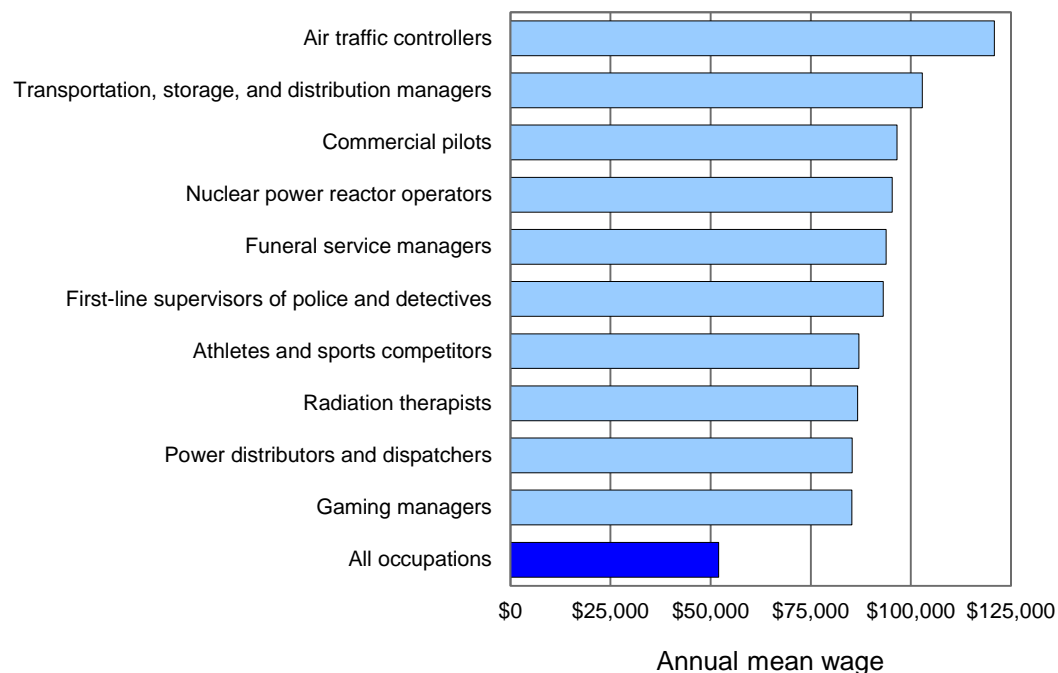
Food preparation and serving related occupations

- Food preparation and serving related occupations had total **employment** of 13.4 million, representing 9.2 percent of U.S. employment, and an **annual mean wage** of \$25,580. This was the third-largest occupational group (after office and administrative support occupations and sales and related occupations), as well as the lowest paying. (See table 1.)
- The **largest** food preparation and serving related occupations were combined food preparation and serving workers, including fast food (3.7 million); waiters and waitresses (2.6 million); and restaurant cooks (1.3 million). (See table 1.)
- Chefs and head cooks (\$52,160) was the **highest paying** food preparation and serving related occupation. Combined food preparation and serving workers, including fast food (\$22,140) and fast food cooks (\$22,650) were the **lowest paying** occupations in this group. (See table 1.)
- **Metropolitan areas** with the highest concentrations of food preparation and serving related occupations included Kahului-Wailuku-Lahaina, Hawaii (18.8 percent); Myrtle Beach-Conway-North Myrtle Beach, S.C.-N.C. (18.1 percent); and Ocean City, N.J. (17.9 percent).
- The **highest paying areas** for food preparation and serving related occupations included Kahului-Wailuku-Lahaina, Hawaii (\$43,070); Urban Honolulu, Hawaii (\$35,610); and Napa, Calif. (\$33,800).

Typical entry-level education

- Occupations typically requiring **postsecondary education** for entry made up 37 percent of employment. The largest postsecondary category, occupations that typically require a **bachelor's degree** for entry, made up 22 percent of employment. 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 typically requiring a **high school diploma** or the equivalent for entry made up 39 percent of employment, and occupations that require **no formal educational credential** for entry made up 24 percent of employment. These two educational categories include most production and construction occupations, as well as large occupations such as retail salespersons, cashiers, and general office clerks.
- Occupations typically requiring a **postsecondary nondegree award**, such as a certificate, for entry made up 6.2 percent of employment. The largest occupations in this educational category were heavy and tractor-trailer truck drivers (1.8 million) and nursing assistants (1.5 million).

Chart 3. Highest paying occupations typically requiring less than a bachelor's degree for entry, May 2018

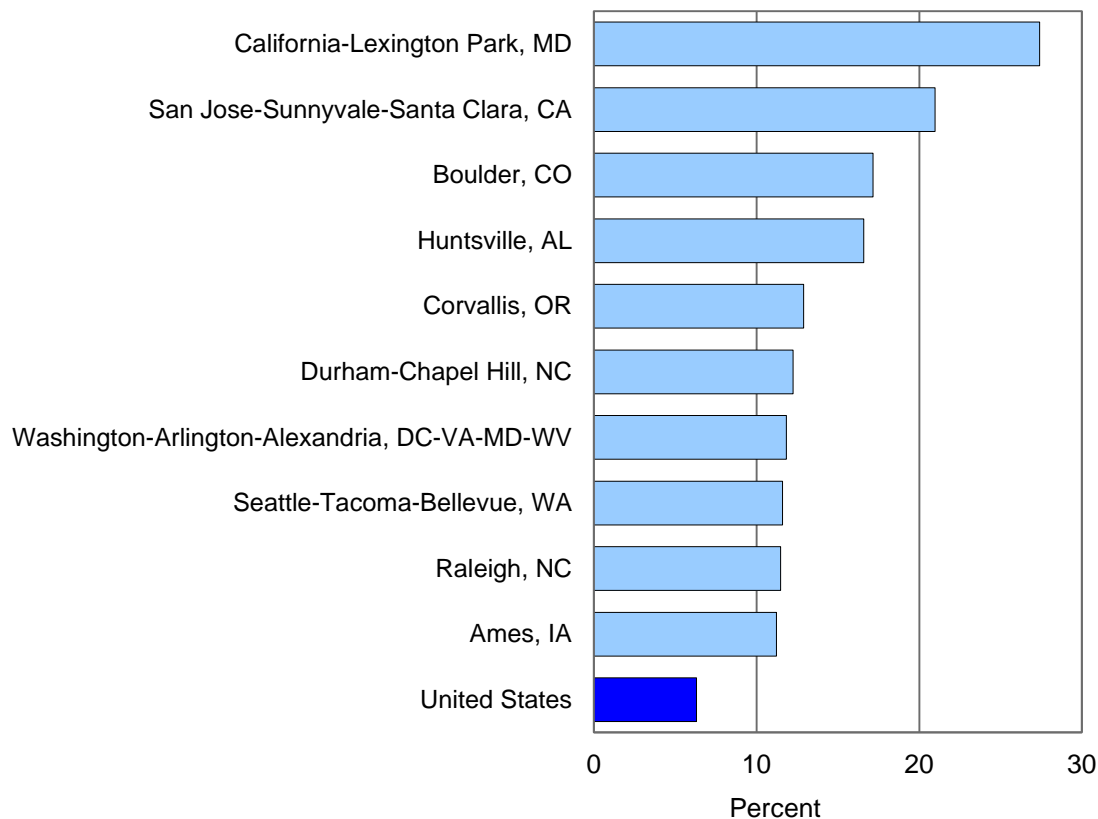


Source: U.S. Bureau of Labor Statistics, Occupational Employment Statistics and Employment Projections.

- **Average wages** were generally higher for occupations requiring more education. Annual mean wages were \$27,890 for occupations typically requiring no formal educational credential for entry, \$43,060 for occupations typically requiring a high school diploma or the equivalent, \$56,970 for occupations typically requiring an associate's degree, and \$87,130 for occupations typically requiring a bachelor's degree.
- The **highest paying** occupations typically requiring **less than a bachelor's degree** for entry were air traffic controllers (\$120,830), which typically require an associate's degree for entry, and transportation, storage, and distribution managers (\$102,850), which typically require a high school diploma or the equivalent. (See chart 3.)
- Occupations typically requiring a **postsecondary nondegree award** for entry had an average wage of \$42,530. The highest paying metropolitan areas for occupations in this educational category included San Francisco-Oakland-Hayward, Calif. (\$55,690); Fairbanks, Alaska (\$55,100); and Anchorage, Alaska (\$54,090).

The typical education level required to enter an occupation is 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_2018.htm.

Chart 4. Metropolitan areas with the highest employment shares of STEM occupations, May 2018



Source: U.S. Bureau of Labor Statistics, Occupational Employment Statistics.

Science, technology, engineering, and mathematics (STEM) occupations

- There were nearly 9.1 million 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 (903,160) and computer user support specialists (630,700). (See table 1.)
- **Areas** with the highest employment shares of STEM occupations were California-Lexington Park, Md. (27.4 percent), and San Jose-Sunnyvale-Santa Clara, Calif. (21.0 percent). (See chart 4.)
- STEM occupations had an **annual mean wage** of \$93,070, compared with \$49,170 for non-STEM occupations. Ninety-three of the 99 STEM occupations had mean wages significantly above the all-occupations average of \$51,960. (See table 1.)
- The **highest paying** STEM occupations were petroleum engineers (\$156,370) and the three STEM-related management occupations. (See table 1.)

- The **lowest paying** STEM occupations were forest and conservation technicians (\$40,110) and agricultural and food science technicians (\$44,170). (See table 1.)

Occupations included in the STEM definition used for this news release are available at www.bls.gov/oes/stem_list_2018.xlsx. Additional STEM charts are available at www.bls.gov/oes/current/overview_2018.htm.

Largest occupations

- The largest occupations overall were retail salespersons (4.4 million); combined food preparation and serving workers, including fast food (3.7 million); and cashiers (3.6 million). (See table 1.)
- Eight of the 10 largest occupations had below-average wages. Retail salespersons (\$28,310), combined food preparation and serving workers (\$22,140), and cashiers (\$23,240) had annual mean wages significantly below the all-occupations average of \$51,960. (See table 1.)
- Registered nurses (\$75,510) and general and operations managers (\$123,880) 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. In addition to elementary school teachers, except special education (public sector employment of 1.3 million); teacher assistants (1.0 million); and secondary school teachers, except special and career/technical education (926,100), the occupations with the highest public sector employment included middle school teachers, except special and career/technical education (541,280) and substitute teachers (505,000).
- Outside of the education, training, and library group, the occupations with the highest public sector employment were police and sheriff's patrol officers (654,570), general office clerks (539,230), and secretaries and administrative assistants, except legal, medical, and executive (505,580).

Area Changes to the May 2018 Occupational Employment Statistics (OES)

OES continues to publish data for metropolitan and nonmetropolitan areas that cover the full geography of the United States. However, the level of detail available has decreased.

OES no longer publishes data for metropolitan divisions. Data for the 11 large metropolitan areas that contain divisions are now available at the Metropolitan Statistical Area (MSA) or New England City and Town Area (NECTA) level only.

In addition, some smaller nonmetropolitan areas have been combined to form larger nonmetropolitan areas. The May 2018 OES estimates contain data for 134 nonmetropolitan areas, compared with 167 nonmetropolitan areas in the May 2017 estimates.

More information on these area changes is available at www.bls.gov/oes/areas_2018.htm.

Implementing the 2018 Standard Occupational Classification (SOC) System

The OES program plans to begin implementing the 2018 Standard Occupational Classification (SOC) system with the May 2019 estimates, to be released by early April of 2020. Because each set of OES estimates is produced by combining three years of survey data, estimates for May 2019 and May 2020 will be based on a combination of survey data collected under the 2010 SOC and data collected under the 2018 SOC, and will use a hybrid of the two classification systems. The May 2021 OES estimates, to be released by early April of 2022, will be the first set of estimates based fully on the 2018 SOC. For more information, please see www.bls.gov/oes/soc_2018.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 580 areas, including states and the District of Columbia, metropolitan statistical areas (MSAs), nonmetropolitan areas, and territories; national industry-specific estimates at the NAICS sector, 3-digit, most 4-digit, and selected 5- and 6-digit industry levels; and national estimates by ownership across all industries and for schools and hospitals.

The 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 180,000 to 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 2018 estimates are based on responses from six semiannual panels collected over a 3-year period: May 2018, November 2017, May 2017, November 2016, May 2016, and November 2015. The unweighted sampled employment of 83 million across all six semiannual panels represents approximately 58 percent of total national employment. The overall national response rate for the six panels, based on the 50 states and the District of Columbia, is 71 percent based on establishments and 68 percent based on weighted sampled employment.

The occupational coding system

The OES survey categorizes workers into 810 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 2018 OES estimates use the 2017 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 contains approximately 180,000 to 200,000 establishments. Recent OES survey panels have a reduced sample; see the "Changes to the May 2018 estimates" section below for more information. 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 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 2017 and May 2018 employment) from the BLS Quarterly Census of Employment and Wages to employment totals from the OES survey.

Changes to the May 2018 estimates

The OES sample has been reduced in recent survey panels. The November 2017 and May 2018 OES survey panels each had a sample of approximately 186,000 establishments. The May 2017 panel sample consisted of approximately 195,000 establishments, and the November 2016, May 2016, and November 2015 survey panels each consisted of approximately 200,000 establishments.

With the publication of the May 2018 estimates, the OES program has made changes to the metropolitan and nonmetropolitan area data. OES continues to publish data for metropolitan and nonmetropolitan areas that cover the full geography of the United States. However, the level of detail available has been reduced.

Elimination of metropolitan division data. OES no longer publishes data for the metropolitan divisions within the 11 large metropolitan areas that are further broken down into divisions. Data for these 11 areas are available at the Metropolitan Statistical Area (MSA) or New England City and Town Area (NECTA) level only. For a list of metropolitan divisions and the corresponding MSAs/NECTAs, see www.bls.gov/oes/divisions_2018.xlsx.

Consolidation of some nonmetropolitan areas. Some nonmetropolitan areas published in the May 2017 estimates have been combined to form larger nonmetropolitan areas. The May 2018 estimates contain data for 134 nonmetropolitan areas, compared with 167 nonmetropolitan areas in the May 2017 estimates. For a list of the 2018 nonmetropolitan areas, see www.bls.gov/oes/nonmet_2018.xlsx.

A spreadsheet showing all of the new area definitions and names used for the May 2018 OES estimates is available at www.bls.gov/oes/area_definitions_2018.xlsx.

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 2018

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
All occupations	144,733,270	\$24.98	\$51,960	\$18.58
Management occupations	7,616,650	58.44	121,560	50.11
Top executives.....	2,535,640	61.66	128,240	49.73
Chief executives.....	195,530	96.22	200,140	91.15
General and operations managers.....	2,289,770	59.56	123,880	48.52
Legislators.....	50,330	(?)	47,620	(?)
Advertising, marketing, promotions, public relations, and sales managers.....	717,220	68.03	141,500	60.70
Advertising and promotions managers.....	25,260	63.99	133,090	56.31
Marketing and sales managers.....	619,500	68.75	143,000	61.59
Marketing managers.....	240,440	70.79	147,240	64.56
Sales managers.....	379,050	67.46	140,320	59.72
Public relations and fundraising managers.....	72,460	63.26	131,570	55.19
Operations specialties managers.....	1,853,660	63.79	132,680	57.01
Administrative services managers.....	283,570	50.99	106,050	46.24
Computer and information systems managers.....	391,430	73.49	152,860	68.53
Financial managers.....	608,120	70.59	146,830	61.53
Industrial production managers.....	181,310	54.51	113,370	49.70
Purchasing managers.....	69,490	60.40	125,630	57.18
Transportation, storage, and distribution managers.....	124,810	49.45	102,850	45.54
Compensation and benefits managers.....	15,660	63.87	132,860	58.18
Human resources managers.....	143,580	60.91	126,700	54.47
Training and development managers.....	35,690	58.53	121,730	53.53
Other management occupations.....	2,510,140	48.51	100,900	43.33
Farmers, ranchers, and other agricultural managers.....	4,770	38.43	79,940	32.67
Construction managers.....	278,460	49.57	103,110	44.89
Education administrators.....	498,200	46.65	97,030	43.30
Education administrators, preschool and childcare center/program.....	50,650	25.96	53,990	23.05
Education administrators, elementary and secondary school.....	263,120	(?)	98,750	(?)
Education administrators, postsecondary.....	143,430	53.47	111,210	45.36
Education administrators, all other.....	41,000	43.06	89,570	39.83
Architectural and engineering managers.....	188,290	71.62	148,970	67.67
Food service managers.....	219,160	28.35	58,960	26.08
Funeral service managers.....	8,400	45.11	93,820	38.07
Gaming managers.....	4,300	40.99	85,260	35.91
Lodging managers.....	37,050	29.94	62,270	25.67
Medical and health services managers.....	372,670	54.68	113,730	47.95
Natural sciences managers.....	60,260	67.16	139,680	59.55
Postmasters and mail superintendents.....	13,770	37.04	77,040	36.52
Property, real estate, and community association managers.....	202,550	34.49	71,730	28.05
Social and community service managers.....	149,870	34.46	71,670	31.41
Emergency management directors.....	9,550	39.70	82,570	35.78
Managers, all other.....	462,840	55.57	115,590	51.67
Business and financial operations occupations	7,721,300	36.98	76,910	32.86
Business operations specialists.....	5,022,640	35.52	73,890	32.27
Agents and business managers of artists, performers, and athletes.....	14,830	43.72	90,930	31.75
Buyers and purchasing agents.....	407,410	32.47	67,530	30.17
Claims adjusters, appraisers, examiners, and investigators.....	302,930	32.42	67,440	31.57
Claims adjusters, examiners, and investigators.....	287,730	32.47	67,540	31.68
Insurance appraisers, auto damage.....	15,200	31.50	65,510	30.06
Compliance officers.....	300,900	34.86	72,520	33.10
Cost estimators.....	211,600	33.52	69,710	30.79
Human resources workers.....	671,140	32.32	67,240	29.52
Human resources specialists.....	593,790	32.11	66,790	29.27
Farm labor contractors.....	200	25.45	52,930	22.19
Labor relations specialists.....	77,140	34.01	70,730	32.59
Logisticians.....	169,820	37.85	78,730	35.86
Management analysts.....	684,470	45.38	94,390	40.20
Meeting, convention, and event planners.....	110,120	25.83	53,730	23.74
Fundraisers.....	75,700	29.62	61,610	27.38
Compensation, benefits, and job analysis specialists.....	83,550	32.65	67,910	30.29
Training and development specialists.....	291,380	31.31	65,120	29.26
Market research analysts and marketing specialists.....	638,200	34.11	70,960	30.35
Business operations specialists, all other.....	1,060,580	37.00	76,960	33.91
Financial specialists.....	2,698,660	39.69	82,550	34.02
Accountants and auditors.....	1,259,930	37.89	78,820	33.89
Appraisers and assessors of real estate.....	57,900	29.75	61,870	26.43
Budget analysts.....	52,810	38.38	79,830	36.65
Credit analysts.....	74,820	39.57	82,300	34.38
Financial analysts and advisors.....	602,500	50.03	104,050	39.84
Financial analysts.....	306,200	48.55	100,990	41.18
Personal financial advisors.....	200,260	58.54	121,770	42.73
Insurance underwriters.....	96,040	36.96	76,880	33.36
Financial examiners.....	58,590	43.42	90,310	38.55
Credit counselors and loan officers.....	340,690	35.33	73,490	29.11
Credit counselors.....	35,740	23.95	49,820	21.72
Loan officers.....	304,950	36.67	76,270	30.31
Tax examiners, collectors and preparers, and revenue agents.....	122,640	25.45	52,930	22.92
Tax examiners and collectors, and revenue agents.....	54,550	29.09	60,500	26.17

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2018- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Business and financial operations occupations (Continued)				
Tax preparers.....	68,090	\$22.53	\$46,860	\$18.94
Financial specialists, all other.....	128,760	37.30	77,580	33.79
Computer and mathematical occupations				
Computer occupations.....	4,384,300	44.01	91,530	41.51
Computer and information research scientists.....	4,214,820	43.98	91,480	41.50
Computer and information analysts.....	30,070	59.54	123,850	56.91
Computer systems analysts.....	696,030	45.67	94,990	43.31
Information security analysts.....	587,970	45.01	93,610	42.66
Software developers and programmers.....	1,666,270	50.23	104,480	48.04
Computer programmers.....	230,470	43.07	89,580	40.52
Software developers, applications.....	903,160	51.96	108,080	49.82
Software developers, systems software.....	405,330	54.81	114,000	52.89
Web developers.....	127,300	36.34	75,580	33.38
Database and systems administrators and network architects.....	629,020	45.09	93,780	42.79
Database administrators.....	110,090	44.25	92,030	43.31
Network and computer systems administrators.....	366,250	41.86	87,070	39.45
Computer network architects.....	152,670	53.43	111,130	52.41
Computer support specialists.....	812,060	27.86	57,950	25.70
Computer user support specialists.....	630,700	26.46	55,050	24.51
Computer network support specialists.....	181,360	32.72	68,050	30.18
Computer occupations, all other.....	381,380	44.88	93,350	43.40
Mathematical science occupations.....	169,480	44.63	92,830	41.68
Actuaries.....	20,760	55.89	116,250	49.46
Mathematicians.....	2,580	50.42	104,870	48.99
Operations research analysts.....	104,200	42.48	88,350	40.09
Statisticians.....	39,920	44.52	92,600	42.20
Miscellaneous mathematical science occupations.....	2,010	34.80	72,390	27.50
Architecture and engineering occupations				
Architects, surveyors, and cartographers.....	2,556,220	42.01	87,370	38.55
Architects, except naval.....	179,380	38.61	80,300	35.20
Architects, except landscape and naval.....	123,020	41.58	86,480	37.37
Landscape architects.....	104,360	42.72	88,860	38.16
Surveyors, cartographers, and photogrammetrists.....	18,660	35.17	73,160	32.80
Cartographers and photogrammetrists.....	56,360	32.12	66,810	30.27
Surveyors.....	11,050	32.86	68,340	30.98
Engineers.....	45,310	31.94	66,440	30.09
Aerospace engineers.....	1,700,880	47.71	99,230	44.75
Agricultural engineers.....	63,960	56.30	117,100	55.39
Biomedical engineers.....	1,630	38.03	79,090	37.07
Chemical engineers.....	18,970	45.72	95,090	42.57
Civil engineers.....	32,060	55.03	114,470	50.44
Computer hardware engineers.....	306,030	45.06	93,720	41.65
Electrical and electronics engineers.....	60,750	56.66	117,840	55.10
Electrical engineers.....	320,610	50.12	104,250	47.63
Electronics engineers, except computer.....	186,490	48.85	101,600	46.46
Environmental engineers.....	134,110	51.89	107,930	49.37
Industrial engineers, including health and safety.....	53,070	44.54	92,640	42.13
Health and safety engineers, except mining safety engineers and inspectors.....	305,780	44.14	91,800	41.92
Industrial engineers.....	26,230	45.01	93,630	42.85
Marine engineers and naval architects.....	279,550	44.05	91,630	41.84
Materials engineers.....	11,350	47.58	98,970	44.50
Mechanical engineers.....	26,930	46.60	96,930	44.42
Mining and geological engineers, including mining safety engineers.....	303,440	44.62	92,800	42.00
Nuclear engineers.....	5,780	47.32	98,420	44.35
Petroleum engineers.....	15,980	53.26	110,790	51.73
Engineers, all other.....	32,510	75.18	156,370	65.95
Drafters, engineering technicians, and mapping technicians.....	142,030	47.80	99,410	46.62
Drafters.....	675,960	28.56	59,410	27.32
Architectural and civil drafters.....	193,260	27.97	58,180	26.71
Electrical and electronics drafters.....	97,610	27.26	56,700	26.40
Mechanical drafters.....	24,900	30.96	64,400	28.88
Drafters, all other.....	56,170	28.37	59,010	26.89
Engineering technicians, except drafters.....	14,580	26.08	54,240	24.93
Aerospace engineering and operations technicians.....	430,400	29.51	61,380	28.37
Civil engineering technicians.....	10,110	33.16	68,970	32.22
Electrical and electronics engineering technicians.....	71,150	26.29	54,670	25.28
Electro-mechanical technicians.....	126,950	31.27	65,050	30.93
Environmental engineering technicians.....	13,520	28.96	60,240	27.78
Industrial engineering technicians.....	17,310	26.34	54,800	24.31
Mechanical engineering technicians.....	66,540	28.30	58,860	26.66
Engineering technicians, except drafters, all other.....	41,460	28.00	58,240	27.04
Surveying and mapping technicians.....	83,360	31.60	65,720	30.38
	52,300	22.93	47,690	21.34
Life, physical, and social science occupations				
Life scientists.....	1,171,910	36.62	76,160	31.77
Agricultural and food scientists.....	304,750	41.56	86,450	36.47
Animal scientists.....	30,880	34.24	71,230	30.78
	2,530	32.54	67,690	28.07

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2018- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Life, physical, and social science occupations (Continued)				
Food scientists and technologists.....	13,330	\$34.89	\$72,570	\$31.39
Soil and plant scientists.....	15,010	33.96	70,630	30.74
Biological scientists.....	109,040	41.54	86,390	37.29
Biochemists and biophysicists.....	28,500	50.93	105,940	44.85
Microbiologists.....	20,030	39.02	81,150	34.45
Zoologists and wildlife biologists.....	17,860	32.58	67,760	30.49
Biological scientists, all other.....	42,640	40.19	83,600	38.27
Conservation scientists and foresters.....	30,600	31.12	64,720	29.49
Conservation scientists.....	22,200	31.40	65,320	29.48
Foresters.....	8,410	30.36	63,150	29.53
Medical scientists.....	127,380	45.80	95,270	40.16
Epidemiologists.....	7,060	36.39	75,690	33.49
Medical scientists, except epidemiologists.....	120,320	46.36	96,420	40.77
Life scientists, all other.....	6,850	42.86	89,150	37.59
Physical scientists.....	254,790	43.49	90,470	38.89
Astronomers and physicists.....	19,770	59.48	123,730	57.49
Astronomers.....	2,160	53.41	111,090	50.81
Physicists.....	17,620	60.23	125,280	58.15
Atmospheric and space scientists.....	9,310	45.95	95,580	45.25
Chemists and materials scientists.....	92,300	41.06	85,400	37.66
Chemists.....	84,560	40.31	83,850	36.97
Materials scientists.....	7,730	49.25	102,450	47.98
Environmental scientists and geoscientists.....	116,020	41.10	85,480	36.34
Environmental scientists and specialists, including health.....	80,480	37.30	77,580	34.20
Geoscientists, except hydrologists and geographers.....	29,260	51.83	107,800	43.81
Hydrologists.....	6,290	39.81	82,790	38.16
Physical scientists, all other.....	17,380	52.93	110,090	51.55
Social scientists and related workers.....	247,290	41.30	85,900	37.81
Economists.....	18,650	55.78	116,020	50.16
Survey researchers.....	11,690	30.40	63,240	27.74
Psychologists.....	124,750	41.63	86,600	37.99
Clinical, counseling, and school psychologists.....	110,490	41.03	85,340	37.01
Industrial-organizational psychologists.....	780	52.42	109,030	46.76
Psychologists, all other.....	13,480	45.97	95,610	48.45
Sociologists.....	2,710	43.41	90,290	39.45
Urban and regional planners.....	37,840	36.65	76,240	35.12
Miscellaneous social scientists and related workers.....	51,640	41.02	85,320	38.68
Anthropologists and archeologists.....	6,020	31.40	65,310	30.01
Geographers.....	1,390	38.72	80,530	38.60
Historians.....	3,040	31.91	66,380	29.40
Political scientists.....	5,660	55.43	115,300	56.52
Social scientists and related workers, all other.....	35,530	41.22	85,750	39.11
Life, physical, and social science technicians.....	365,080	24.52	50,990	22.47
Agricultural and food science technicians.....	21,290	21.24	44,170	19.65
Biological technicians.....	77,450	23.10	48,060	21.39
Chemical technicians.....	65,500	24.84	51,670	23.15
Geological and petroleum technicians.....	15,060	30.23	62,890	25.62
Nuclear technicians.....	7,230	38.45	79,970	38.05
Social science research assistants.....	34,550	24.24	50,420	22.42
Miscellaneous life, physical, and social science technicians.....	144,010	24.38	50,720	22.54
Environmental science and protection technicians, including health.....	32,600	24.21	50,350	22.20
Forensic science technicians.....	15,970	30.05	62,490	27.99
Forest and conservation technicians.....	30,220	19.28	40,110	17.88
Life, physical, and social science technicians, all other.....	65,220	25.45	52,940	23.88
Community and social service occupations				
Counselors, social workers, and other community and social service specialists.....	2,090,700	23.69	49,270	21.62
Counselors.....	735,100	24.96	51,920	22.98
Educational, guidance, school, and vocational counselors.....	285,460	28.93	60,160	27.07
Marriage and family therapists.....	48,520	26.03	54,150	24.08
Rehabilitation counselors.....	106,860	19.20	39,930	17.13
Substance abuse, behavioral disorder, and mental health counselors.....	267,730	23.04	47,920	21.46
Counselors, all other.....	26,530	22.95	47,740	20.26
Social workers.....	662,550	25.51	53,060	23.79
Child, family, and school social workers.....	320,170	23.92	49,760	22.24
Healthcare social workers.....	168,190	28.11	58,470	27.02
Mental health and substance abuse social workers.....	116,750	23.86	49,630	21.56
Social workers, all other.....	57,440	30.12	62,660	30.35
Miscellaneous community and social service specialists.....	693,040	20.59	42,820	18.35
Health educators.....	58,780	28.68	59,660	26.07
Probation officers and correctional treatment specialists.....	87,660	28.27	58,790	25.49
Social and human service assistants.....	392,300	17.22	35,830	16.22
Community health workers.....	56,130	20.90	43,480	19.01
Community and social service specialists, all other.....	98,170	22.14	46,050	20.49
Religious workers.....	81,120	23.94	49,790	21.62
Clergy.....	50,960	25.62	53,290	23.55
Directors, religious activities and education.....	21,700	22.59	46,980	19.62
Religious workers, all other.....	8,460	17.24	35,860	14.33

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2018- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Legal occupations	1,127,900	\$52.25	\$108,690	\$38.85
Lawyers, judges, and related workers.....	708,140	67.23	139,850	56.68
Lawyers and judicial law clerks.....	659,090	68.33	142,130	57.00
Lawyers.....	642,750	69.34	144,230	58.13
Judicial law clerks.....	16,350	28.63	59,540	25.74
Judges, magistrates, and other judicial workers.....	49,040	52.49	109,170	52.05
Administrative law judges, adjudicators, and hearing officers.....	14,280	48.66	101,210	48.00
Arbitrators, mediators, and conciliators.....	6,240	34.98	72,760	29.94
Judges, magistrate judges, and magistrates.....	28,520	58.23	121,130	64.39
Legal support workers.....	419,770	26.98	56,130	24.72
Paralegals and legal assistants.....	309,940	26.20	54,500	24.49
Miscellaneous legal support workers.....	109,820	29.19	60,710	25.40
Court reporters.....	14,490	30.00	62,390	27.48
Title examiners, abstractors, and searchers.....	52,180	24.70	51,380	22.66
Legal support workers, all other.....	43,150	34.34	71,420	28.33
Education, training, and library occupations	8,779,780	27.22	56,620	23.89
Postsecondary teachers.....	1,517,100	(2)	85,190	(2)
Business teachers, postsecondary.....	84,230	(2)	103,330	(2)
Math and computer teachers, postsecondary.....	83,690	(2)	90,650	(2)
Computer science teachers, postsecondary.....	32,430	(2)	96,200	(2)
Mathematical science teachers, postsecondary.....	51,250	(2)	87,140	(2)
Engineering and architecture teachers, postsecondary.....	44,420	(2)	111,450	(2)
Architecture teachers, postsecondary.....	6,880	(2)	99,320	(2)
Engineering teachers, postsecondary.....	37,530	(2)	113,680	(2)
Life sciences teachers, postsecondary.....	64,660	(2)	96,110	(2)
Agricultural sciences teachers, postsecondary.....	10,810	(2)	90,890	(2)
Biological science teachers, postsecondary.....	51,770	(2)	97,340	(2)
Forestry and conservation science teachers, postsecondary.....	2,070	(2)	92,550	(2)
Physical sciences teachers, postsecondary.....	52,160	(2)	97,280	(2)
Atmospheric, earth, marine, and space sciences teachers, postsecondary.....	11,020	(2)	101,890	(2)
Chemistry teachers, postsecondary.....	21,370	(2)	92,360	(2)
Environmental science teachers, postsecondary.....	6,040	(2)	91,330	(2)
Physics teachers, postsecondary.....	13,730	(2)	103,830	(2)
Social sciences teachers, postsecondary.....	117,510	(2)	92,440	(2)
Anthropology and archeology teachers, postsecondary.....	5,890	(2)	94,080	(2)
Area, ethnic, and cultural studies teachers, postsecondary.....	9,850	(2)	85,450	(2)
Economics teachers, postsecondary.....	12,750	(2)	117,180	(2)
Geography teachers, postsecondary.....	3,960	(2)	88,950	(2)
Political science teachers, postsecondary.....	15,890	(2)	99,480	(2)
Psychology teachers, postsecondary.....	37,630	(2)	88,490	(2)
Sociology teachers, postsecondary.....	13,870	(2)	83,310	(2)
Social sciences teachers, postsecondary, all other.....	17,670	(2)	87,950	(2)
Health teachers, postsecondary.....	255,190	(2)	113,370	(2)
Health specialties teachers, postsecondary.....	199,480	(2)	122,320	(2)
Nursing instructors and teachers, postsecondary.....	55,710	(2)	81,350	(2)
Education and library science teachers, postsecondary.....	65,570	(2)	73,800	(2)
Education teachers, postsecondary.....	60,930	(2)	73,680	(2)
Library science teachers, postsecondary.....	4,650	(2)	75,450	(2)
Law, criminal justice, and social work teachers, postsecondary.....	44,500	(2)	96,110	(2)
Criminal justice and law enforcement teachers, postsecondary.....	14,890	(2)	72,390	(2)
Law teachers, postsecondary.....	16,990	(2)	130,710	(2)
Social work teachers, postsecondary.....	12,620	(2)	77,520	(2)
Arts, communications, and humanities teachers, postsecondary.....	260,960	(2)	80,670	(2)
Art, drama, and music teachers, postsecondary.....	94,310	(2)	82,560	(2)
Communications teachers, postsecondary.....	29,100	(2)	78,090	(2)
English language and literature teachers, postsecondary.....	68,360	(2)	78,150	(2)
Foreign language and literature teachers, postsecondary.....	25,590	(2)	79,160	(2)
History teachers, postsecondary.....	20,510	(2)	83,990	(2)
Philosophy and religion teachers, postsecondary.....	23,100	(2)	82,420	(2)
Miscellaneous postsecondary teachers.....	444,210	(2)	60,200	(2)
Graduate teaching assistants.....	131,490	(2)	36,390	(2)
Home economics teachers, postsecondary.....	2,080	(2)	77,170	(2)
Recreation and fitness studies teachers, postsecondary.....	16,490	(2)	72,190	(2)
Vocational education teachers, postsecondary.....	110,400	28.14	58,520	25.54
Postsecondary teachers, all other.....	183,750	(2)	76,990	(2)
Preschool, primary, secondary, and special education school teachers.....	4,193,290	(2)	59,980	(2)
Preschool and kindergarten teachers.....	555,680	19.26	40,070	16.33
Preschool teachers, except special education.....	424,520	16.54	34,410	14.32
Kindergarten teachers, except special education.....	131,160	(2)	58,370	(2)
Elementary and middle school teachers.....	2,032,880	(2)	62,150	(2)
Elementary school teachers, except special education.....	1,410,970	(2)	62,200	(2)
Middle school teachers, except special and career/technical education.....	609,970	(2)	62,030	(2)
Career/technical education teachers, middle school.....	11,940	(2)	62,570	(2)
Secondary school teachers.....	1,129,040	(2)	64,230	(2)
Secondary school teachers, except special and career/technical education.....	1,051,570	(2)	64,340	(2)
Career/technical education teachers, secondary school.....	77,460	(2)	62,810	(2)
Special education teachers.....	475,700	(2)	63,890	(2)
Special education teachers, preschool.....	23,480	(2)	61,610	(2)
Special education teachers, kindergarten and elementary school.....	185,190	(2)	63,110	(2)
Special education teachers, middle school.....	87,870	(2)	64,390	(2)

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2018- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Education, training, and library occupations (Continued)				
Special education teachers, secondary school.....	142,360	(?)	\$65,320	(?)
Special education teachers, all other.....	36,800	(?)	62,500	(?)
Other teachers and instructors.....	1,203,570	19.35	40,250	15.89
Adult basic and secondary education and literacy teachers and instructors.....	57,750	27.94	58,110	25.79
Self-enrichment education teachers.....	243,080	21.62	44,960	18.62
Miscellaneous teachers and instructors.....	902,740	18.19	37,840	14.83
Substitute teachers.....	587,240	15.56	32,360	13.79
Teachers and instructors, all other, except substitute teachers.....	315,510	(?)	48,040	(?)
Librarians, curators, and archivists.....	246,200	24.66	51,290	23.08
Archivists, curators, and museum technicians.....	31,760	25.61	53,280	23.27
Archivists.....	6,370	27.12	56,400	25.11
Curators.....	12,280	28.12	58,490	25.86
Museum technicians and conservators.....	13,100	22.53	46,870	20.68
Librarians.....	125,750	29.58	61,530	28.39
Library technicians.....	88,690	17.34	36,080	16.37
Other education, training, and library occupations.....	1,619,610	(?)	34,110	(?)
Audio-visual and multimedia collections specialists.....	9,540	25.13	52,270	23.85
Farm and home management advisors.....	8,020	25.33	52,700	23.96
Instructional coordinators.....	163,900	32.45	67,490	30.98
Teacher assistants.....	1,331,560	(?)	28,750	(?)
Education, training, and library workers, all other.....	106,590	22.44	46,680	20.23
Arts, design, entertainment, sports, and media occupations	1,951,170	28.74	59,780	23.70
Art and design workers.....	610,180	26.55	55,230	22.43
Artists and related workers.....	90,990	40.83	84,930	36.34
Art directors.....	40,210	50.29	104,590	44.60
Craft artists.....	3,980	19.47	40,490	16.46
Fine artists, including painters, sculptors, and illustrators.....	11,620	28.06	58,370	23.74
Multimedia artists and animators.....	28,560	37.61	78,230	34.87
Artists and related workers, all other.....	6,620	32.55	67,700	31.44
Designers.....	519,180	24.05	50,020	20.66
Commercial and industrial designers.....	33,200	34.34	71,430	32.01
Fashion designers.....	19,750	42.12	87,610	34.96
Floral designers.....	43,360	13.90	28,900	13.08
Graphic designers.....	217,810	26.29	54,680	24.21
Interior designers.....	57,070	28.42	59,120	25.66
Merchandise displayers and window trimmers.....	128,960	15.31	31,850	13.68
Set and exhibit designers.....	10,590	29.34	61,020	26.09
Designers, all other.....	8,450	32.99	68,610	29.12
Entertainers and performers, sports and related workers.....	515,310	28.80	59,900	20.64
Actors, producers, and directors.....	166,060	39.24	81,610	29.40
Actors.....	47,430	29.34	(?)	17.54
Producers and directors.....	118,630	43.19	89,840	34.46
Athletes, coaches, umpires, and related workers.....	266,860	(?)	45,080	(?)
Athletes and sports competitors.....	10,800	(?)	87,030	(?)
Coaches and scouts.....	236,970	(?)	43,870	(?)
Umpires, referees, and other sports officials.....	19,090	(?)	36,440	(?)
Dancers and choreographers.....	14,810	22.44	46,670	18.17
Dancers.....	9,720	20.70	(?)	16.31
Choreographers.....	5,090	25.75	53,560	22.98
Musicians, singers, and related workers.....	53,840	35.53	(?)	26.84
Music directors and composers.....	12,160	28.75	59,790	23.86
Musicians and singers.....	41,680	37.51	(?)	28.15
Entertainers and performers, sports and related workers, all other.....	13,740	21.53	(?)	15.94
Media and communication workers.....	586,190	31.72	65,980	27.66
Announcers.....	35,260	23.54	48,960	15.38
Radio and television announcers.....	27,780	24.82	51,630	15.97
Public address system and other announcers.....	7,480	18.77	39,040	13.33
News analysts, reporters and correspondents.....	43,030	29.10	60,530	20.91
Broadcast news analysts.....	5,890	44.23	91,990	32.15
Reporters and correspondents.....	37,140	26.70	55,530	19.84
Public relations specialists.....	239,030	32.90	68,440	28.85
Writers and editors.....	191,320	34.58	71,920	30.53
Editors.....	95,750	33.41	69,480	28.60
Technical writers.....	50,350	36.30	75,500	34.54
Writers and authors.....	45,210	35.14	73,090	29.89
Miscellaneous media and communication workers.....	77,560	26.20	54,490	23.84
Interpreters and translators.....	57,140	26.55	55,230	24.00
Media and communication workers, all other.....	20,420	25.21	52,430	23.24
Media and communication equipment workers.....	239,490	26.91	55,970	22.24
Broadcast and sound engineering technicians and radio operators.....	121,890	24.02	49,960	20.98
Audio and video equipment technicians.....	75,940	23.53	48,940	21.04
Broadcast technicians.....	31,580	22.48	46,770	19.27
Radio operators.....	870	21.49	44,710	20.30
Sound engineering technicians.....	13,510	30.53	63,500	25.19
Photographers.....	49,560	20.56	42,770	16.35
Television, video, and motion picture camera operators and editors.....	49,240	36.58	76,090	28.36
Camera operators, television, video, and motion picture.....	21,080	29.69	61,750	26.24

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2018- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Arts, design, entertainment, sports, and media occupations (Continued)				
Film and video editors.....	28,160	\$41.75	\$86,830	\$30.12
Media and communication equipment workers, all other.....	18,790	37.06	77,080	38.26
Healthcare practitioners and technical occupations				
	8,646,730	39.42	82,000	31.94
Health diagnosing and treating practitioners.....	5,367,930	49.02	101,960	38.94
Chiropractors.....	34,740	41.28	85,870	34.33
Dentists.....	128,060	86.82	180,590	75.12
Dentists, general.....	113,000	84.54	175,840	73.00
Oral and maxillofacial surgeons.....	4,830	116.52	242,370	(²)
Orthodontists.....	5,350	108.54	225,760	(²)
Prosthodontists.....	380	92.02	191,400	84.88
Dentists, all other specialists.....	4,490	85.96	178,800	70.66
Dietitians and nutritionists.....	64,670	29.43	61,210	29.02
Optometrists.....	37,220	57.68	119,980	53.75
Pharmacists.....	309,550	59.45	123,670	60.64
Physicians and surgeons.....	679,280	101.43	210,980	(²)
Anesthesiologists.....	31,060	128.38	267,020	(²)
Family and general practitioners.....	114,130	101.82	211,780	96.68
Internists, general.....	37,820	94.47	196,490	93.51
Obstetricians and gynecologists.....	18,590	114.58	238,320	(²)
Pediatricians, general.....	28,490	88.10	183,240	82.00
Psychiatrists.....	25,630	105.95	220,380	(²)
Surgeons.....	34,390	122.65	255,110	(²)
Physicians and surgeons, all other.....	389,180	98.02	203,880	96.58
Physician assistants.....	114,710	52.13	108,430	52.22
Podiatrists.....	9,500	71.26	148,220	62.28
Therapists.....	687,790	38.24	79,530	37.23
Occupational therapists.....	126,900	41.04	85,350	40.51
Physical therapists.....	228,600	42.73	88,880	42.27
Radiation therapists.....	18,260	41.70	86,730	39.58
Recreational therapists.....	18,840	24.34	50,640	23.01
Respiratory therapists.....	129,600	30.05	62,500	28.98
Speech-language pathologists.....	146,900	38.80	80,700	37.26
Exercise physiologists.....	6,740	26.33	54,760	23.69
Therapists, all other.....	11,950	27.73	57,680	24.51
Veterinarians.....	71,060	50.59	105,240	45.11
Registered nurses.....	2,951,960	36.30	75,510	34.48
Nurse anesthetists.....	43,520	84.03	174,790	80.75
Nurse midwives.....	6,250	51.40	106,910	49.89
Nurse practitioners.....	179,650	52.90	110,030	51.46
Audiologists.....	13,300	39.52	82,210	36.50
Health diagnosing and treating practitioners, all other.....	36,680	41.16	85,600	35.56
Health technologists and technicians.....	3,110,180	23.26	48,380	21.49
Clinical laboratory technologists and technicians.....	321,220	25.91	53,880	25.16
Dental hygienists.....	215,150	36.30	75,500	35.97
Diagnostic related technologists and technicians.....	390,630	31.38	65,260	30.60
Cardiovascular technologists and technicians.....	56,560	28.24	58,730	27.33
Diagnostic medical sonographers.....	71,130	35.51	73,860	34.86
Nuclear medicine technologists.....	18,810	37.92	78,870	36.93
Radiologic technologists.....	205,590	29.59	61,540	28.62
Magnetic resonance imaging technologists.....	38,540	34.73	72,230	34.46
Emergency medical technicians and paramedics.....	257,210	18.15	37,760	16.50
Health practitioner support technologists and technicians.....	801,590	17.76	36,930	16.70
Dietetic technicians.....	33,540	14.49	30,130	13.05
Pharmacy technicians.....	417,860	16.35	34,020	15.72
Psychiatric technicians.....	71,360	18.15	37,760	15.80
Respiratory therapy technicians.....	9,090	24.70	51,380	24.62
Surgical technologists.....	110,160	23.58	49,040	22.74
Veterinary technologists and technicians.....	106,680	17.10	35,560	16.55
Ophthalmic medical technicians.....	52,890	18.38	38,220	17.56
Licensed practical and licensed vocational nurses.....	701,690	22.62	47,050	22.23
Medical records and health information technicians.....	208,650	21.16	44,010	19.40
Opticians, dispensing.....	72,250	19.20	39,930	17.80
Miscellaneous health technologists and technicians.....	141,790	23.82	49,540	21.43
Orthotists and prosthetists.....	8,830	35.51	73,860	33.23
Hearing aid specialists.....	7,680	26.75	55,650	25.37
Health technologists and technicians, all other.....	125,270	22.81	47,450	20.63
Other healthcare practitioners and technical occupations.....	168,630	32.01	66,590	30.01
Occupational health and safety specialists and technicians.....	106,410	34.43	71,610	33.35
Occupational health and safety specialists.....	88,390	36.03	74,940	35.11
Occupational health and safety technicians.....	18,020	26.57	55,270	24.41
Miscellaneous health practitioners and technical workers.....	62,210	27.89	58,000	24.35
Athletic trainers.....	26,890	(²)	49,280	(²)
Genetic counselors.....	2,640	38.88	80,860	38.64
Healthcare practitioners and technical workers, all other.....	32,680	30.45	63,340	26.26
Healthcare support occupations				
	4,117,450	15.57	32,380	14.30
Nursing, psychiatric, and home health aides.....	2,355,640	13.55	28,180	12.89
Nursing, psychiatric, and home health aides.....	2,355,640	13.55	28,180	12.89

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2018- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Healthcare support occupations (Continued)				
Home health aides.....	797,670	\$12.18	\$25,330	\$11.63
Psychiatric aides.....	56,910	14.95	31,090	14.03
Nursing assistants.....	1,450,960	14.22	29,580	13.72
Orderlies.....	50,100	14.35	29,840	13.49
Occupational therapy and physical therapist assistants and aides.....	191,870	24.10	50,130	24.86
Occupational therapy assistants and aides.....	50,360	27.00	56,150	27.70
Occupational therapy assistants.....	42,660	29.04	60,410	28.95
Occupational therapy aides.....	7,700	15.66	32,580	13.54
Physical therapist assistants and aides.....	141,510	23.07	47,980	23.12
Physical therapist assistants.....	94,250	27.77	57,750	27.91
Physical therapist aides.....	47,260	13.70	28,500	12.62
Other healthcare support occupations.....	1,569,940	17.55	36,500	16.75
Massage therapists.....	105,160	22.06	45,880	19.92
Miscellaneous healthcare support occupations.....	1,464,780	17.23	35,830	16.63
Dental assistants.....	341,060	19.12	39,770	18.59
Medical assistants.....	673,660	16.61	34,540	16.16
Medical equipment preparers.....	55,610	18.27	37,990	17.42
Medical transcriptionists.....	53,730	17.48	36,350	16.72
Pharmacy aides.....	36,970	14.03	29,190	12.72
Veterinary assistants and laboratory animal caretakers.....	89,480	13.79	28,690	13.24
Phlebotomists.....	125,280	17.10	35,560	16.58
Healthcare support workers, all other.....	88,990	18.80	39,110	18.19
Protective service occupations	3,437,410	23.36	48,580	19.54
Supervisors of protective service workers.....	304,940	36.72	76,380	33.92
First-line supervisors of law enforcement workers.....	160,410	41.51	86,350	39.35
First-line supervisors of correctional officers.....	43,760	32.86	68,350	30.45
First-line supervisors of police and detectives.....	116,660	44.76	93,100	42.80
First-line supervisors of fire fighting and prevention workers.....	65,920	38.61	80,310	36.70
First-line supervisors of protective service workers, all other.....	78,610	25.35	52,730	23.87
Fire fighting and prevention workers.....	336,230	25.78	53,630	24.04
Firefighters.....	321,570	25.60	53,240	23.85
Fire inspectors.....	14,660	29.82	62,030	28.94
Fire inspectors and investigators.....	12,530	30.84	64,140	30.05
Forest fire inspectors and prevention specialists.....	2,130	23.85	49,610	19.04
Law enforcement workers.....	1,217,260	29.42	61,190	26.81
Bailiffs, correctional officers, and jailers.....	433,900	23.71	49,320	21.35
Bailiffs.....	18,900	23.97	49,870	22.00
Correctional officers and jailers.....	415,000	23.70	49,300	21.31
Detectives and criminal investigators.....	103,450	40.88	85,020	39.38
Fish and game wardens.....	6,040	28.49	59,260	27.75
Parking enforcement workers.....	8,070	20.29	42,200	19.15
Police officers.....	665,800	31.47	65,460	29.56
Police and sheriff's patrol officers.....	661,330	31.44	65,400	29.51
Transit and railroad police.....	4,470	35.79	74,450	35.59
Other protective service workers.....	1,578,980	15.59	32,430	13.76
Animal control workers.....	12,080	18.51	38,490	17.47
Private detectives and investigators.....	30,990	27.31	56,810	24.08
Security guards and gaming surveillance officers.....	1,124,610	15.43	32,090	13.72
Gaming surveillance officers and gaming investigators.....	10,230	17.41	36,200	15.71
Security guards.....	1,114,380	15.41	32,050	13.70
Miscellaneous protective service workers.....	411,300	15.06	31,330	13.22
Crossing guards.....	79,880	15.37	31,970	13.92
Lifeguards, ski patrol, and other recreational protective service workers.....	144,370	11.74	24,420	10.77
Transportation security screeners.....	45,250	20.13	41,860	19.95
Protective service workers, all other.....	141,790	16.66	34,650	14.77
Food preparation and serving related occupations	13,374,620	12.30	25,580	11.09
Supervisors of food preparation and serving workers.....	1,093,000	18.30	38,070	16.30
Supervisors of food preparation and serving workers.....	1,093,000	18.30	38,070	16.30
Chefs and head cooks.....	128,600	25.08	52,160	23.30
First-line supervisors of food preparation and serving workers.....	964,400	17.40	36,190	15.60
Cooks and food preparation workers.....	3,218,110	12.56	26,120	11.91
Cooks.....	2,403,510	12.77	26,560	12.12
Cooks, fast food.....	487,510	10.89	22,650	10.74
Cooks, institution and cafeteria.....	400,320	13.60	28,290	12.91
Cooks, private household.....	460	19.83	41,240	18.07
Cooks, restaurant.....	1,340,810	13.26	27,580	12.76
Cooks, short order.....	155,840	12.09	25,140	11.44
Cooks, all other.....	18,570	14.60	30,360	13.78
Food preparation workers.....	814,600	11.94	24,830	11.41
Food and beverage serving workers.....	7,630,110	11.51	23,940	10.43
Bartenders.....	631,480	12.88	26,780	10.84
Fast food and counter workers.....	4,150,030	10.70	22,260	10.32
Combined food preparation and serving workers, including fast food.....	3,676,180	10.64	22,140	10.22
Counter attendants, cafeteria, food concession, and coffee shop.....	473,860	11.17	23,240	10.74
Waiters and waitresses.....	2,582,410	12.42	25,830	10.47
Food servers, nonrestaurant.....	266,190	12.01	24,980	11.20

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2018- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Food preparation and serving related occupations (Continued)				
Other food preparation and serving related workers.....	1,433,400	\$11.32	\$23,540	\$10.81
Dining room and cafeteria attendants and bartender helpers.....	455,700	11.52	23,950	10.71
Dishwashers.....	504,770	11.15	23,190	10.93
Hosts and hostesses, restaurant, lounge, and coffee shop.....	416,950	11.18	23,260	10.65
Food preparation and serving related workers, all other.....	55,980	12.23	25,430	11.47
Building and grounds cleaning and maintenance occupations				
	4,421,980	14.43	30,020	12.91
Supervisors of building and grounds cleaning and maintenance workers.....	255,580	22.30	46,380	20.82
First-line supervisors of building and grounds cleaning and maintenance workers.....	255,580	22.30	46,380	20.82
First-line supervisors of housekeeping and janitorial workers.....	154,180	20.75	43,150	19.20
First-line supervisors of landscaping, lawn service, and groundskeeping workers.....	101,390	24.66	51,280	23.18
Building cleaning and pest control workers.....	3,171,520	13.56	28,200	12.17
Building cleaning workers.....	3,094,210	13.44	27,960	12.10
Janitors and cleaners, except maids and housekeeping cleaners.....	2,156,270	13.92	28,950	12.55
Maids and housekeeping cleaners.....	924,290	12.30	25,570	11.43
Building cleaning workers, all other.....	13,650	15.73	32,710	14.07
Pest control workers.....	77,300	18.24	37,950	17.12
Grounds maintenance workers.....	994,880	15.19	31,600	14.13
Grounds maintenance workers.....	994,880	15.19	31,600	14.13
Landscaping and groundskeeping workers.....	913,480	14.88	30,940	13.94
Pesticide handlers, sprayers, and applicators, vegetation.....	24,500	18.37	38,210	16.98
Tree trimmers and pruners.....	42,440	19.47	40,510	18.36
Grounds maintenance workers, all other.....	14,470	17.17	35,710	14.63
Personal care and service occupations				
	5,451,330	13.51	28,090	11.74
Supervisors of personal care and service workers.....	258,960	20.53	42,710	18.92
First-line supervisors of gaming workers.....	30,330	24.16	50,250	23.76
First-line supervisors of personal service workers.....	228,620	20.05	41,710	18.46
Animal care and service workers.....	214,680	12.76	26,540	11.51
Animal trainers.....	14,830	16.95	35,260	14.08
Nonfarm animal caretakers.....	199,850	12.45	25,890	11.42
Entertainment attendants and related workers.....	601,890	11.56	24,050	10.66
Gaming services workers.....	113,640	11.65	24,240	10.07
Gaming dealers.....	92,530	11.09	23,070	9.68
Gaming and sports book writers and runners.....	11,150	13.29	27,640	11.74
Gaming service workers, all other.....	9,950	15.03	31,260	13.24
Motion picture projectionists.....	4,840	12.42	25,820	10.94
Ushers, lobby attendants, and ticket takers.....	133,970	11.35	23,610	10.70
Miscellaneous entertainment attendants and related workers.....	349,440	11.61	24,140	10.78
Amusement and recreation attendants.....	319,890	11.28	23,460	10.70
Costume attendants.....	6,460	22.12	46,010	19.80
Locker room, coatroom, and dressing room attendants.....	17,610	12.84	26,720	11.55
Entertainment attendants and related workers, all other.....	5,480	14.27	29,690	11.68
Funeral service workers.....	65,150	19.77	41,130	16.30
Embalmers.....	4,070	22.42	46,640	21.27
Funeral attendants.....	35,340	13.69	28,480	12.69
Morticians, undertakers, and funeral directors.....	25,740	27.70	57,620	25.31
Personal appearance workers.....	575,110	14.44	30,040	11.94
Barbers, hairdressers, hairstylists and cosmetologists.....	397,350	14.59	30,340	11.94
Barbers.....	20,130	15.97	33,220	13.44
Hairdressers, hairstylists, and cosmetologists.....	377,210	14.51	30,190	11.89
Miscellaneous personal appearance workers.....	177,770	14.13	29,380	11.94
Makeup artists, theatrical and performance.....	3,140	34.63	72,030	30.89
Manicurists and pedicurists.....	110,170	12.43	25,860	11.70
Shampooers.....	13,720	10.65	22,160	10.40
Skincare specialists.....	50,740	17.48	36,350	15.05
Baggage porters, bellhops, and concierges.....	79,840	14.46	30,070	12.91
Baggage porters, bellhops, and concierges.....	79,840	14.46	30,070	12.91
Baggage porters and bellhops.....	42,350	12.98	26,990	11.64
Concierges.....	37,490	16.13	33,550	14.61
Tour and travel guides.....	49,740	14.25	29,630	12.77
Tour and travel guides.....	49,740	14.25	29,630	12.77
Other personal care and service workers.....	3,605,950	13.07	27,190	11.70
Childcare workers.....	564,630	11.83	24,610	11.17
Personal care aides.....	2,211,950	12.06	25,090	11.55
Recreation and fitness workers.....	662,040	17.25	35,890	14.14
Fitness trainers and aerobics instructors.....	308,470	21.43	44,580	19.15
Recreation workers.....	353,570	13.61	28,310	12.05
Residential advisors.....	108,380	14.41	29,970	13.39
Personal care and service workers, all other.....	58,970	13.59	28,270	12.59
Sales and related occupations				
	14,542,290	20.09	41,790	13.55
Supervisors of sales workers.....	1,429,100	24.97	51,930	20.84
First-line supervisors of sales workers.....	1,429,100	24.97	51,930	20.84
First-line supervisors of retail sales workers.....	1,181,530	21.67	45,080	19.05
First-line supervisors of non-retail sales workers.....	247,570	40.67	84,600	35.29
Retail sales workers.....	8,787,270	12.75	26,520	11.33
Cashiers.....	3,657,570	11.19	23,270	10.79
Cashiers.....	3,635,550	11.17	23,240	10.78

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2018- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Sales and related occupations (Continued)				
Gaming change persons and booth cashiers.....	22,020	\$13.09	\$27,220	\$11.96
Counter and rental clerks and parts salespersons.....	681,580	15.52	32,280	13.68
Counter and rental clerks.....	426,700	15.00	31,200	13.12
Parts salespersons.....	254,870	16.39	34,080	14.63
Retail salespersons.....	4,448,120	13.61	28,310	11.63
Sales representatives, services.....	2,046,120	34.37	71,490	26.13
Advertising sales agents.....	133,110	30.46	63,360	24.87
Insurance sales agents.....	393,830	32.64	67,890	24.33
Securities, commodities, and financial services sales agents.....	415,890	47.49	98,770	30.83
Travel agents.....	69,480	20.54	42,720	18.61
Sales representatives, services, all other.....	1,033,820	31.18	64,860	26.23
Sales representatives, wholesale and manufacturing.....	1,663,160	35.43	73,680	29.64
Sales representatives, wholesale and manufacturing.....	1,663,160	35.43	73,680	29.64
Sales representatives, wholesale and manufacturing, technical and scientific products.....	312,980	44.15	91,830	38.31
Sales representatives, wholesale and manufacturing, except technical and scientific products.....	1,350,180	33.40	69,480	28.13
Other sales and related workers.....	616,650	24.70	51,380	17.17
Models, demonstrators, and product promoters.....	84,560	15.96	33,200	13.85
Demonstrators and product promoters.....	81,250	15.99	33,260	13.92
Models.....	3,310	15.18	31,570	11.43
Real estate brokers and sales agents.....	197,080	31.37	65,240	24.18
Real estate brokers.....	40,320	37.95	78,940	27.99
Real estate sales agents.....	156,760	29.67	61,720	23.41
Sales engineers.....	65,720	52.22	108,610	48.76
Telemarketers.....	164,160	13.72	28,550	12.14
Miscellaneous sales and related workers.....	105,120	19.19	39,910	15.60
Door-to-door sales workers, news and street vendors, and related workers.....	9,430	16.40	34,120	12.71
Sales and related workers, all other.....	95,690	19.46	40,480	15.97
Office and administrative support occupations	21,828,990	18.75	38,990	17.19
Supervisors of office and administrative support workers.....	1,477,560	28.53	59,340	26.83
First-line supervisors of office and administrative support workers.....	1,477,560	28.53	59,340	26.83
Communications equipment operators.....	78,860	15.45	32,140	14.36
Switchboard operators, including answering service.....	71,600	15.04	31,290	14.14
Telephone operators.....	5,160	18.93	39,360	17.91
Communications equipment operators, all other.....	2,100	20.87	43,410	19.74
Financial clerks.....	2,978,640	19.07	39,660	18.02
Bill and account collectors.....	251,330	18.38	38,220	17.32
Billing and posting clerks.....	469,250	19.00	39,520	18.17
Bookkeeping, accounting, and auditing clerks.....	1,530,430	20.25	42,110	19.35
Gaming cage workers.....	16,020	13.93	28,980	13.22
Payroll and timekeeping clerks.....	144,030	22.17	46,110	21.66
Procurement clerks.....	68,100	20.76	43,180	20.51
Tellers.....	468,470	14.49	30,140	14.16
Financial clerks, all other.....	31,010	21.00	43,670	19.72
Information and record clerks.....	5,773,540	17.19	35,750	15.91
Brokerage clerks.....	55,100	25.93	53,940	24.71
Correspondence clerks.....	5,460	18.75	38,990	17.93
Court, municipal, and license clerks.....	142,350	19.76	41,100	18.48
Credit authorizers, checkers, and clerks.....	29,980	19.55	40,670	18.63
Customer service representatives.....	2,871,400	17.53	36,470	16.23
Eligibility interviewers, government programs.....	137,830	22.34	46,480	22.12
File clerks.....	110,020	16.25	33,810	15.24
Hotel, motel, and resort desk clerks.....	260,780	12.08	25,130	11.39
Interviewers, except eligibility and loan.....	192,820	17.08	35,520	16.38
Library assistants, clerical.....	88,970	13.92	28,960	12.74
Loan interviewers and clerks.....	222,620	19.86	41,310	19.18
New accounts clerks.....	41,500	17.79	37,000	17.21
Order clerks.....	159,210	17.21	35,790	16.09
Human resources assistants, except payroll and timekeeping.....	124,600	20.01	41,620	19.42
Receptionists and information clerks.....	1,043,630	14.59	30,350	14.01
Reservation and transportation ticket agents and travel clerks.....	132,050	20.06	41,730	17.90
Information and record clerks, all other.....	155,220	20.15	41,900	19.69
Material recording, scheduling, dispatching, and distributing workers.....	4,149,140	17.28	35,950	15.45
Cargo and freight agents.....	92,280	22.15	46,070	20.77
Couriers and messengers.....	75,720	14.72	30,620	13.81
Dispatchers.....	294,900	20.70	43,050	19.17
Police, fire, and ambulance dispatchers.....	95,020	20.81	43,290	19.55
Dispatchers, except police, fire, and ambulance.....	199,880	20.64	42,940	18.98
Meter readers, utilities.....	33,570	21.46	44,640	19.40
Postal service workers.....	525,070	24.78	51,540	28.25
Postal service clerks.....	78,830	24.45	50,860	26.58
Postal service mail carriers.....	342,410	24.89	51,780	26.54
Postal service mail sorters, processors, and processing machine operators.....	103,830	24.64	51,250	28.26
Production, planning, and expediting clerks.....	350,150	24.05	50,020	22.88
Shipping, receiving, and traffic clerks.....	655,590	16.82	34,980	15.88
Stock clerks and order fillers.....	2,056,030	13.71	28,520	12.36
Weighers, measurers, checkers, and samplers, recordkeeping.....	65,830	16.39	34,100	15.53
Secretaries and administrative assistants.....	3,498,120	20.34	42,320	18.69
Secretaries and administrative assistants.....	3,498,120	20.34	42,320	18.69
Executive secretaries and executive administrative assistants.....	570,530	29.59	61,550	28.53

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2018- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Office and administrative support occupations (Continued)				
Legal secretaries.....	176,880	\$24.06	\$50,040	\$22.29
Medical secretaries.....	585,410	17.83	37,090	17.19
Secretaries and administrative assistants, except legal, medical, and executive.....	2,165,310	18.28	38,030	17.61
Other office and administrative support workers.....	3,873,130	17.28	35,940	16.16
Computer operators.....	34,700	22.47	46,750	22.04
Data entry and information processing workers.....	228,060	17.05	35,470	16.24
Data entry keyers.....	174,930	16.22	33,740	15.47
Word processors and typists.....	53,130	19.79	41,160	19.11
Desktop publishers.....	10,740	22.47	46,750	20.63
Insurance claims and policy processing clerks.....	274,560	20.26	42,150	19.07
Mail clerks and mail machine operators, except postal service.....	86,150	15.41	32,040	14.63
Office clerks, general.....	2,972,930	16.92	35,200	15.74
Office machine operators, except computer.....	48,580	16.60	34,530	15.76
Proofreaders and copy markers.....	9,820	20.17	41,950	18.82
Statistical assistants.....	11,010	24.09	50,110	23.24
Office and administrative support workers, all other.....	196,570	18.02	37,480	16.76
Farming, fishing, and forestry occupations				
Supervisors of farming, fishing, and forestry workers.....	480,130	14.49	30,140	12.20
First-line supervisors of farming, fishing, and forestry workers.....	21,800	24.42	50,790	22.57
Agricultural workers.....	21,800	24.42	50,790	22.57
Agricultural workers.....	411,460	13.42	27,910	11.89
Agricultural inspectors.....	13,240	22.10	45,970	21.22
Animal breeders.....	2,160	20.71	43,080	17.82
Graders and sorters, agricultural products.....	38,210	12.74	26,510	11.75
Miscellaneous agricultural workers.....	357,850	13.12	27,290	11.83
Agricultural equipment operators.....	26,060	15.68	32,620	14.99
Farmworkers and laborers, crop, nursery, and greenhouse.....	287,420	12.72	26,450	11.69
Farmworkers, farm, ranch, and aquacultural animals.....	37,780	13.87	28,840	12.77
Agricultural workers, all other.....	6,600	16.51	34,340	14.18
Forest, conservation, and logging workers.....	44,910	19.47	40,500	18.64
Forest and conservation workers.....	7,510	15.06	31,320	13.20
Logging workers.....	37,400	20.36	42,340	19.54
Fallers.....	4,680	23.33	48,520	21.19
Logging equipment operators.....	25,730	20.12	41,840	19.48
Log graders and scalers.....	3,330	18.78	39,060	18.38
Logging workers, all other.....	3,670	19.68	40,940	19.11
Construction and extraction occupations				
Supervisors of construction and extraction workers.....	5,962,640	24.62	51,220	22.12
First-line supervisors of construction trades and extraction workers.....	598,210	33.91	70,540	31.36
Construction trades workers.....	598,210	33.91	70,540	31.36
Boilermakers.....	4,497,490	23.97	49,850	21.54
Brickmasons, blockmasons, and stonemasons.....	13,870	30.41	63,240	29.88
Brickmasons and blockmasons.....	76,240	25.39	52,810	23.78
Stonemasons.....	63,930	26.17	54,430	24.49
Carpenters.....	12,310	21.33	44,370	19.82
Carpet, floor, and tile installers and finishers.....	718,730	24.58	51,120	22.40
Carpet installers.....	83,740	21.79	45,330	19.63
Floor layers, except carpet, wood, and hard tiles.....	26,100	21.42	44,550	18.92
Floor sanders and finishers.....	14,050	22.48	46,760	20.56
Tile and marble setters.....	4,460	19.18	39,890	18.04
Cement masons, concrete finishers, and terrazzo workers.....	39,130	22.09	45,950	20.12
Cement masons and concrete finishers.....	189,130	22.76	47,340	20.67
Terrazzo workers and finishers.....	186,400	22.76	47,350	20.67
Construction laborers.....	2,730	22.71	47,230	20.43
Construction equipment operators.....	1,001,470	19.40	40,350	17.21
Paving, surfacing, and tamping equipment operators.....	433,690	25.09	52,190	22.59
Pile-driver operators.....	46,760	21.32	44,360	19.13
Operating engineers and other construction equipment operators.....	3,450	30.94	64,360	28.21
Drywall installers, ceiling tile installers, and tapers.....	383,480	25.50	53,030	22.98
Drywall and ceiling tile installers.....	120,220	24.24	50,420	21.72
Tapers.....	101,900	23.64	49,170	21.03
Electricians.....	18,320	27.57	57,340	26.48
Glaziers.....	655,840	28.46	59,190	26.53
Insulation workers.....	50,940	23.38	48,620	20.94
Insulation workers, floor, ceiling, and wall.....	56,440	22.55	46,910	20.15
Insulation workers, mechanical.....	31,840	20.23	42,070	18.50
Painters and paperhangers.....	24,610	25.57	53,180	22.95
Painters, construction and maintenance.....	231,200	20.69	43,030	18.72
Paperhangers.....	228,420	20.70	43,050	18.72
Pipelayers, plumbers, pipefitters, and steamfitters.....	2,780	19.64	40,840	18.31
Pipelayers.....	476,140	27.39	56,980	25.33
Plumbers, pipefitters, and steamfitters.....	38,070	20.91	43,500	18.54
Plasterers and stucco masons.....	438,070	27.96	58,150	25.92
Reinforcing iron and rebar workers.....	24,870	22.89	47,610	20.93
Roofers.....	18,360	26.28	54,670	23.23
Sheet metal workers.....	128,680	21.09	43,870	19.22
Structural iron and steel workers.....	131,570	25.34	52,710	23.30
	77,410	27.97	58,170	25.95

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2018- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Construction and extraction occupations (Continued)				
Solar photovoltaic installers.....	8,950	\$22.12	\$46,010	\$20.52
Helpers, construction trades.....	233,580	15.82	32,900	15.00
Helpers, construction trades.....	233,580	15.82	32,900	15.00
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters.....	24,340	17.50	36,390	16.05
Helpers--carpenters.....	33,020	15.32	31,850	14.85
Helpers--electricians.....	75,970	15.84	32,960	15.10
Helpers--painters, paperhangers, plasterers, and stucco masons.....	10,600	15.25	31,720	14.40
Helpers--pipelayers, plumbers, pipefitters, and steamfitters.....	54,710	15.66	32,570	14.89
Helpers--roofers.....	8,630	15.26	31,740	14.61
Helpers, construction trades, all other.....	26,320	15.56	32,370	14.67
Other construction and related workers.....	422,540	24.15	50,240	21.72
Construction and building inspectors.....	104,090	30.36	63,150	28.70
Elevator installers and repairers.....	26,830	38.16	79,370	38.36
Fence erectors.....	23,530	18.10	37,650	16.73
Hazardous materials removal workers.....	44,000	22.62	47,050	20.21
Highway maintenance workers.....	149,260	19.92	41,440	19.08
Rail-track laying and maintenance equipment operators.....	14,410	27.46	57,120	27.37
Septic tank servicers and sewer pipe cleaners.....	27,090	19.97	41,530	18.74
Miscellaneous construction and related workers.....	33,340	20.68	43,000	18.68
Extraction workers.....	210,820	22.96	47,760	21.34
Derrick, rotary drill, and service unit operators, oil, gas, and mining.....	79,030	25.46	52,950	23.36
Derrick operators, oil and gas.....	11,310	22.90	47,630	22.17
Rotary drill operators, oil and gas.....	18,010	27.28	56,740	25.86
Service unit operators, oil, gas, and mining.....	49,710	25.38	52,780	23.01
Earth drillers, except oil and gas.....	18,270	22.87	47,570	21.36
Explosives workers, ordnance handling experts, and blasters.....	5,640	25.38	52,780	23.97
Mining machine operators.....	22,910	25.53	53,090	25.34
Continuous mining machine operators.....	14,710	26.19	54,470	26.21
Mine cutting and channeling machine operators.....	4,920	23.59	49,080	22.68
Mining machine operators, all other.....	3,280	25.44	52,920	24.76
Rock splitters, quarry.....	4,870	17.19	35,760	16.71
Roof bolters, mining.....	3,250	28.41	59,090	28.20
Roustabouts, oil and gas.....	54,810	19.34	40,220	18.07
Helpers--extraction workers.....	15,930	18.10	37,660	17.48
Extraction workers, all other.....	6,110	26.10	54,300	26.37
Installation, maintenance, and repair occupations	5,628,880	23.54	48,960	21.89
Supervisors of installation, maintenance, and repair workers.....	471,820	33.33	69,320	31.80
First-line supervisors of mechanics, installers, and repairers.....	471,820	33.33	69,320	31.80
Electrical and electronic equipment mechanics, installers, and repairers.....	583,310	25.57	53,190	24.53
Computer, automated teller, and office machine repairers.....	102,810	19.65	40,880	18.50
Radio and telecommunications equipment installers and repairers.....	243,820	27.42	57,030	26.93
Radio, cellular, and tower equipment installers and repairers.....	13,930	27.09	56,340	26.39
Telecommunications equipment installers and repairers, except line installers.....	229,890	27.44	57,080	26.97
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers.....	236,690	26.23	54,570	25.27
Avionics technicians.....	18,860	31.41	65,330	30.84
Electric motor, power tool, and related repairers.....	15,800	22.00	45,770	20.60
Electrical and electronics installers and repairers, transportation equipment.....	11,680	29.55	61,460	29.01
Electrical and electronics repairers, commercial and industrial equipment.....	59,520	28.47	59,210	27.94
Electrical and electronics repairers, powerhouse, substation, and relay.....	22,980	38.48	80,040	38.56
Electronic equipment installers and repairers, motor vehicles.....	10,880	17.67	36,750	17.11
Electronic home entertainment equipment installers and repairers.....	26,070	19.13	39,800	18.35
Security and fire alarm systems installers.....	70,900	23.34	48,540	22.69
Vehicle and mobile equipment mechanics, installers, and repairers.....	1,614,070	22.21	46,200	20.83
Aircraft mechanics and service technicians.....	131,690	31.36	65,230	30.25
Automotive technicians and repairers.....	809,740	21.17	44,030	19.63
Automotive body and related repairers.....	142,060	22.34	46,460	20.55
Automotive glass installers and repairers.....	19,640	17.49	36,370	16.43
Automotive service technicians and mechanics.....	648,050	21.02	43,730	19.57
Bus and truck mechanics and diesel engine specialists.....	264,860	23.63	49,150	22.76
Heavy vehicle and mobile equipment service technicians and mechanics.....	199,280	24.89	51,780	24.19
Farm equipment mechanics and service technicians.....	34,300	20.29	42,190	19.54
Mobile heavy equipment mechanics, except engines.....	140,260	25.66	53,370	24.96
Rail car repairers.....	24,720	26.93	56,020	27.03
Small engine mechanics.....	69,130	18.84	39,180	17.82
Motorboat mechanics and service technicians.....	22,280	20.35	42,330	19.32
Motorcycle mechanics.....	15,090	18.87	39,260	17.69
Outdoor power equipment and other small engine mechanics.....	31,760	17.76	36,940	17.02
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers.....	139,370	14.80	30,780	13.84
Bicycle repairers.....	12,200	14.56	30,290	13.92
Recreational vehicle service technicians.....	15,560	19.28	40,090	18.35
Tire repairers and changers.....	111,620	14.20	29,530	13.41
Other installation, maintenance, and repair occupations.....	2,959,670	22.30	46,380	20.68
Control and valve installers and repairers.....	74,400	25.70	53,460	23.89
Mechanical door repairers.....	22,670	20.84	43,350	19.71
Control and valve installers and repairers, except mechanical door.....	51,730	27.83	57,890	26.96
Heating, air conditioning, and refrigeration mechanics and installers.....	324,310	24.12	50,160	22.89
Home appliance repairers.....	31,130	19.72	41,020	18.88
Industrial machinery installation, repair, and maintenance workers.....	487,640	25.64	53,330	24.82
Industrial machinery mechanics.....	362,440	25.96	54,000	25.16

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2018- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Installation, maintenance, and repair occupations (Continued)				
Maintenance workers, machinery.....	80,270	\$23.42	\$48,720	\$22.63
Millwrights.....	43,810	27.04	56,250	26.47
Refractory materials repairers, except brickmasons.....	1,120	25.24	52,510	25.09
Line installers and repairers.....	233,010	31.03	64,540	31.67
Electrical power-line installers and repairers.....	114,800	33.77	70,240	34.09
Telecommunications line installers and repairers.....	118,200	28.36	59,000	28.02
Precision instrument and equipment repairers.....	72,010	24.58	51,120	23.13
Camera and photographic equipment repairers.....	3,690	20.45	42,540	19.53
Medical equipment repairers.....	46,320	25.34	52,710	23.66
Musical instrument repairers and tuners.....	8,450	18.81	39,110	17.47
Watch repairers.....	2,610	21.55	44,830	19.19
Precision instrument and equipment repairers, all other.....	10,930	27.91	58,060	27.70
Maintenance and repair workers, general.....	1,384,240	19.72	41,020	18.42
Wind turbine service technicians.....	5,580	27.88	58,000	26.14
Miscellaneous installation, maintenance, and repair workers.....	347,350	19.25	40,040	17.39
Coin, vending, and amusement machine servicers and repairers.....	32,920	17.49	36,390	16.61
Commercial divers.....	3,380	28.59	59,470	23.63
Fabric menders, except garment.....	400	16.13	33,550	14.77
Locksmiths and safe repairers.....	16,970	21.03	43,740	19.93
Manufactured building and mobile home installers.....	2,920	15.82	32,910	15.40
Riggers.....	20,970	24.68	51,330	24.22
Signal and track switch repairers.....	7,730	32.60	67,800	33.89
Helpers--installation, maintenance, and repair workers.....	105,040	15.09	31,390	14.16
Installation, maintenance, and repair workers, all other.....	157,030	20.70	43,050	18.90
Production occupations				
Supervisors of production workers.....	9,115,530	18.84	39,190	16.86
First-line supervisors of production and operating workers.....	622,790	30.93	64,340	29.05
Assemblers and fabricators.....	622,790	30.93	64,340	29.05
Aircraft structure, surfaces, rigging, and systems assemblers.....	1,831,200	17.14	35,650	15.78
Electrical, electronics, and electromechanical assemblers.....	43,150	26.70	55,530	25.64
Coil winders, tapers, and finishers.....	287,630	17.26	35,910	16.20
Electrical, electronic, and electromechanical assemblers, except coil winders, tapers, and finishers.....	12,190	17.60	36,610	16.54
Engine and other machine assemblers.....	275,450	17.25	35,880	16.18
Structural metal fabricators and fitters.....	48,200	21.79	45,330	21.34
Miscellaneous assemblers and fabricators.....	76,090	20.02	41,640	18.89
Fiberglass laminators and fabricators.....	1,376,130	16.49	34,300	15.19
Timing device assemblers and adjusters.....	21,190	17.39	36,170	16.59
Assemblers and fabricators, all other, including team assemblers.....	780	18.01	37,460	16.66
Food processing workers.....	1,354,150	16.48	34,270	15.16
Bakers.....	801,770	14.46	30,090	13.58
Butchers and other meat, poultry, and fish processing workers.....	180,010	13.78	28,660	12.75
Butchers and meat cutters.....	365,660	14.38	29,910	13.69
Meat, poultry, and fish cutters and trimmers.....	133,670	15.97	33,210	15.18
Slaughterers and meat packers.....	156,440	13.36	27,790	12.96
Miscellaneous food processing workers.....	75,550	13.68	28,450	13.59
Food and tobacco roasting, baking, and drying machine operators and tenders.....	256,100	15.07	31,340	13.99
Food batchmakers.....	21,060	15.74	32,730	14.83
Food cooking machine operators and tenders.....	160,160	15.43	32,090	14.29
Food processing workers, all other.....	32,260	15.23	31,690	14.48
Metal workers and plastic workers.....	42,620	13.26	27,590	12.44
Computer control programmers and operators.....	1,940,370	19.94	41,480	18.70
Computer-controlled machine tool operators, metal and plastic.....	171,920	21.13	43,940	19.95
Computer numerically controlled machine tool programmers, metal and plastic.....	148,150	20.17	41,960	19.26
Forming machine setters, operators, and tenders, metal and plastic.....	23,770	27.07	56,300	25.57
Extruding and drawing machine setters, operators, and tenders, metal and plastic.....	120,630	18.35	38,170	17.52
Forging machine setters, operators, and tenders, metal and plastic.....	75,610	17.61	36,620	16.90
Rolling machine setters, operators, and tenders, metal and plastic.....	18,330	19.60	40,770	18.70
Machine tool cutting setters, operators, and tenders, metal and plastic.....	26,700	19.61	40,790	18.58
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic.....	318,860	18.00	37,450	17.05
Drilling and boring machine tool setters, operators, and tenders, metal and plastic.....	186,640	17.40	36,180	16.57
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic.....	11,400	19.95	41,490	18.28
Lathe and turning machine tool setters, operators, and tenders, metal and plastic.....	71,870	17.64	36,690	16.76
Milling and planing machine setters, operators, and tenders, metal and plastic.....	29,510	19.76	41,090	18.84
Machinists.....	19,440	21.39	44,490	20.95
Metal furnace operators, tenders, pourers, and casters.....	384,350	21.75	45,250	20.97
Metal-refining furnace operators and tenders.....	25,520	19.79	41,160	19.18
Pourers and casters, metal.....	17,670	20.10	41,810	19.82
Model makers and patternmakers, metal and plastic.....	7,850	19.07	39,670	18.14
Model makers, metal and plastic.....	8,090	25.69	53,430	24.88
Patternmakers, metal and plastic.....	5,210	27.36	56,920	26.98
Molders and molding machine setters, operators, and tenders, metal and plastic.....	2,880	22.66	47,130	22.04
Foundry mold and coremakers.....	179,710	16.44	34,200	15.30
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic.....	15,600	17.70	36,820	17.04
Multiple machine tool setters, operators, and tenders, metal and plastic.....	164,110	16.32	33,950	15.13
Tool and die makers.....	133,840	18.03	37,510	17.01
Welding, soldering, and brazing workers.....	72,700	25.79	53,650	25.36
Welders, cutters, solderers, and brazers.....	424,270	21.12	43,930	19.71
	389,190	21.33	44,360	19.89

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2018- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Production occupations (Continued)				
Welding, soldering, and brazing machine setters, operators, and tenders.....	35,080	\$18.83	\$39,160	\$18.11
Miscellaneous metal workers and plastic workers.....	100,470	18.24	37,940	17.14
Heat treating equipment setters, operators, and tenders, metal and plastic.....	19,690	18.77	39,050	18.04
Layout workers, metal and plastic.....	8,170	22.78	47,380	23.03
Plating and coating machine setters, operators, and tenders, metal and plastic.....	40,070	16.74	34,830	15.58
Tool grinders, filers, and sharpeners.....	7,070	19.66	40,890	18.34
Metal workers and plastic workers, all other.....	25,470	18.34	38,140	17.27
Printing workers.....	249,140	18.39	38,260	17.36
Printing workers.....	249,140	18.39	38,260	17.36
Prepress technicians and workers.....	29,990	20.31	42,240	19.43
Printing press operators.....	173,470	18.49	38,470	17.41
Print binding and finishing workers.....	45,690	16.76	34,850	15.81
Textile, apparel, and furnishings workers.....	574,130	13.31	27,690	12.11
Laundry and dry-cleaning workers.....	213,350	11.77	24,480	11.16
Pressers, textile, garment, and related materials.....	38,320	11.57	24,060	11.23
Sewing machine operators.....	136,450	12.98	26,990	12.03
Shoe and leather workers.....	12,450	14.37	29,900	14.09
Shoe and leather workers and repairers.....	8,640	14.33	29,800	13.87
Shoe machine operators and tenders.....	3,810	14.47	30,110	14.63
Tailors, dressmakers, and sewers.....	26,500	16.04	33,350	14.59
Sewers, hand.....	5,350	14.19	29,510	13.78
Tailors, dressmakers, and custom sewers.....	21,150	16.50	34,330	14.90
Textile machine setters, operators, and tenders.....	75,490	14.37	29,880	13.88
Textile bleaching and dyeing machine operators and tenders.....	9,330	14.39	29,930	13.84
Textile cutting machine setters, operators, and tenders.....	13,310	14.16	29,440	13.57
Textile knitting and weaving machine setters, operators, and tenders.....	21,190	14.65	30,470	14.02
Textile winding, twisting, and drawing out machine setters, operators, and tenders.....	31,650	14.26	29,660	13.90
Miscellaneous textile, apparel, and furnishings workers.....	71,570	17.18	35,740	15.99
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers.....	18,130	17.07	35,500	16.44
Fabric and apparel patternmakers.....	5,220	23.65	49,180	19.50
Upholsterers.....	32,870	17.27	35,920	16.58
Textile, apparel, and furnishings workers, all other.....	15,360	14.94	31,070	13.34
Woodworkers.....	257,840	16.19	33,680	15.19
Cabinetmakers and bench carpenters.....	102,100	17.59	36,580	16.70
Furniture finishers.....	17,250	16.27	33,850	15.36
Model makers and patternmakers, wood.....	1,280	26.70	55,540	27.07
Model makers, wood.....	740	25.29	52,590	25.53
Patternmakers, wood.....	530	28.68	59,650	29.30
Woodworking machine setters, operators, and tenders.....	131,240	14.98	31,150	14.25
Sawing machine setters, operators, and tenders, wood.....	52,260	15.00	31,200	14.18
Woodworking machine setters, operators, and tenders, except sawing.....	78,980	14.96	31,110	14.29
Woodworkers, all other.....	5,970	16.60	34,530	14.98
Plant and system operators.....	301,200	29.72	61,820	28.42
Power plant operators, distributors, and dispatchers.....	51,820	39.31	81,760	39.92
Nuclear power reactor operators.....	6,280	45.82	95,310	45.36
Power distributors and dispatchers.....	11,620	41.03	85,340	41.54
Power plant operators.....	33,920	37.51	78,030	38.27
Stationary engineers and boiler operators.....	31,710	30.62	63,690	29.06
Water and wastewater treatment plant and system operators.....	123,650	23.79	49,490	22.49
Miscellaneous plant and system operators.....	94,010	31.94	66,430	31.85
Chemical plant and system operators.....	28,190	29.60	61,570	29.84
Gas plant operators.....	14,620	34.36	71,470	34.17
Petroleum pump system operators, refinery operators, and gaugers.....	38,930	33.96	70,630	34.07
Plant and system operators, all other.....	12,270	28.03	58,300	27.45
Other production occupations.....	2,537,090	17.92	37,270	16.35
Chemical processing machine setters, operators, and tenders.....	132,660	23.30	48,470	21.97
Chemical equipment operators and tenders.....	82,880	24.55	51,070	23.45
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders.....	49,770	21.22	44,140	19.62
Crushing, grinding, polishing, mixing, and blending workers.....	190,770	18.25	37,960	17.25
Crushing, grinding, and polishing machine setters, operators, and tenders.....	31,890	18.30	38,060	17.50
Grinding and polishing workers, hand.....	30,280	15.34	31,900	14.21
Mixing and blending machine setters, operators, and tenders.....	128,600	18.92	39,360	17.89
Cutting workers.....	71,420	16.87	35,090	16.26
Cutters and trimmers, hand.....	10,580	15.19	31,600	14.13
Cutting and slicing machine setters, operators, and tenders.....	60,840	17.16	35,700	16.64
Extruding, forming, pressing, and compacting machine setters, operators, and tenders.....	72,870	17.69	36,800	16.89
Furnace, kiln, oven, drier, and kettle operators and tenders.....	17,730	19.52	40,610	18.83
Inspectors, testers, sorters, samplers, and weighers.....	557,510	20.20	42,010	18.39
Jewelers and precious stone and metal workers.....	25,910	20.95	43,570	18.96
Medical, dental, and ophthalmic laboratory technicians.....	77,110	19.15	39,840	17.64
Dental laboratory technicians.....	34,480	20.76	43,180	19.44
Medical appliance technicians.....	14,670	20.28	42,180	18.84
Ophthalmic laboratory technicians.....	27,960	16.58	34,490	15.30
Packaging and filling machine operators and tenders.....	395,330	15.74	32,740	14.50
Painting workers.....	156,470	19.16	39,850	17.70
Coating, painting, and spraying machine setters, operators, and tenders.....	88,560	17.55	36,510	16.73
Painters, transportation equipment.....	55,710	22.34	46,460	20.33
Painting, coating, and decorating workers.....	12,200	16.33	33,960	14.93
Semiconductor processors.....	25,730	19.14	39,810	17.92
Photographic process workers and processing machine operators.....	16,680	16.78	34,910	14.03

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2018- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Production occupations (Continued)				
Miscellaneous production workers.....	796,900	\$16.02	\$33,320	\$14.53
Adhesive bonding machine operators and tenders.....	16,310	17.23	35,850	16.26
Cleaning, washing, and metal pickling equipment operators and tenders.....	17,630	15.91	33,090	14.80
Cooling and freezing equipment operators and tenders.....	8,820	16.60	34,520	15.58
Etchers and engravers.....	8,600	16.61	34,550	15.06
Molders, shapers, and casters, except metal and plastic.....	42,500	16.92	35,190	16.03
Paper goods machine setters, operators, and tenders.....	97,960	19.38	40,320	18.62
Tire builders.....	23,920	21.89	45,530	22.42
Helpers--production workers.....	350,410	14.12	29,380	13.33
Production workers, all other.....	230,760	16.58	34,490	14.50
Transportation and material moving occupations				
Supervisors of transportation and material moving workers.....	10,244,260	18.41	38,290	15.74
Aircraft cargo handling supervisors.....	419,980	27.92	58,070	26.67
First-line supervisors of transportation and material moving workers, except aircraft cargo handling supervisors.....	8,920	26.49	55,110	23.37
Air transportation workers.....	411,060	27.95	58,140	26.73
Aircraft pilots and flight engineers.....	271,890	(?)	101,910	(?)
Airline pilots, copilots, and flight engineers.....	120,760	(?)	146,660	(?)
Commercial pilots.....	82,890	(?)	169,560	(?)
Air traffic controllers and airfield operations specialists.....	37,870	(?)	96,530	(?)
Air traffic controllers.....	32,360	48.61	101,100	46.11
Airfield operations specialists.....	22,390	58.09	120,830	59.87
Flight attendants.....	9,960	27.29	56,760	25.10
Motor vehicle operators.....	118,770	(?)	56,630	(?)
Ambulance drivers and attendants, except emergency medical technicians.....	4,088,870	18.94	39,400	17.85
Bus drivers.....	15,380	13.95	29,010	12.38
Bus drivers, transit and intercity.....	678,260	17.44	36,280	16.56
Bus drivers, school or special client.....	174,110	21.47	44,650	20.23
Driver/sales workers and truck drivers.....	504,150	16.05	33,390	15.58
Driver/sales workers.....	3,130,500	19.68	40,920	18.66
Heavy and tractor-trailer truck drivers.....	414,860	14.24	29,610	11.88
Light truck or delivery services drivers.....	1,800,330	21.91	45,570	21.00
Taxi drivers and chauffeurs.....	915,310	17.75	36,920	15.78
Motor vehicle operators, all other.....	207,920	13.68	28,450	12.49
Rail transportation workers.....	56,810	17.14	35,640	14.60
Locomotive engineers and operators.....	109,460	30.95	64,380	29.69
Locomotive engineers.....	41,090	31.37	65,240	29.41
Locomotive firers.....	34,850	32.17	66,920	29.86
Rail yard engineers, dinky operators, and hostlers.....	560	33.19	69,030	30.69
Railroad brake, signal, and switch operators.....	5,690	26.27	54,640	25.30
Railroad conductors and yardmasters.....	14,270	28.31	58,890	27.53
Subway and streetcar operators.....	42,360	31.77	66,080	30.26
Rail transportation workers, all other.....	8,850	30.28	62,970	32.78
Water transportation workers.....	2,890	28.12	58,490	26.64
Sailors and marine oilers.....	79,860	31.75	66,040	26.16
Ship and boat captains and operators.....	32,220	22.20	46,180	19.66
Captains, mates, and pilots of water vessels.....	38,910	38.61	80,310	32.40
Motorboat operators.....	36,390	39.61	82,380	33.26
Ship engineers.....	2,510	24.21	50,350	24.18
Other transportation workers.....	8,740	36.40	75,710	34.20
Bridge and lock tenders.....	363,130	15.61	32,460	12.23
Parking lot attendants.....	3,170	22.91	47,660	24.19
Automotive and watercraft service attendants.....	145,900	12.08	25,130	11.47
Traffic technicians.....	113,760	12.47	25,940	11.64
Transportation inspectors.....	7,290	24.38	50,700	22.39
Transportation attendants, except flight attendants.....	29,990	36.22	75,330	35.47
Transportation workers, all other.....	25,460	14.73	30,640	12.87
Material moving workers.....	37,560	20.61	42,870	18.03
Conveyor operators and tenders.....	4,911,060	15.17	31,560	13.74
Crane and tower operators.....	23,390	16.88	35,110	15.86
Dredge, excavating, and loading machine operators.....	44,410	27.96	58,160	26.03
Dredge operators.....	49,780	23.46	48,790	21.44
Excavating and loading machine and dragline operators.....	1,190	22.84	47,500	21.76
Loading machine operators, underground mining.....	46,090	23.40	48,680	21.28
Hoist and winch operators.....	2,500	24.73	51,450	24.60
Industrial truck and tractor operators.....	3,180	27.11	56,390	21.87
Laborers and material movers, hand.....	604,130	17.54	36,480	16.71
Cleaners of vehicles and equipment.....	4,002,390	14.32	29,790	13.02
Laborers and freight, stock, and material movers, hand.....	378,850	12.93	26,900	11.79
Machine feeders and offbearers.....	2,893,180	14.85	30,890	13.59
Packers and packagers, hand.....	66,380	15.24	31,710	14.21
Pumping station operators.....	663,970	12.74	26,490	11.82
Gas compressor and gas pumping station operators.....	27,560	25.24	52,510	24.47
Pump operators, except wellhead pumpers.....	3,460	30.24	62,900	31.35
Wellhead pumpers.....	10,820	22.84	47,510	21.34
Refuse and recyclable material collectors.....	13,280	25.90	53,870	25.72
Mine shuttle car operators.....	118,520	19.50	40,560	17.92
Tank car, truck, and ship loaders.....	1,690	26.99	56,150	27.09
Material moving workers, all other.....	9,000	20.35	42,330	18.38
	27,010	16.83	35,000	14.14

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.