



For release 10:00 a.m. (ET) Tuesday, April 25, 2023

USDL-23-0794

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OCCUPATIONAL EMPLOYMENT AND WAGES — MAY 2022

Computer and mathematical occupations had employment of 5.0 million in May 2022, representing 3.4 percent of total national employment, the U.S. Bureau of Labor Statistics reported today. The largest computer and mathematical occupations were software developers (1.5 million) and computer user support specialists (696,830). (See chart 1.) The annual mean wage across all computer and mathematical occupations was \$108,130, compared with the U.S. average wage of \$61,900. (See chart 2.)

The Occupational Employment and Wage Statistics (OEWS) program provides employment and wage estimates for about 830 occupations in the nation, states, and approximately 530 areas. National data are available by industry for approximately 410 industry classifications and by ownership across all industries and for the educational services and hospitals industries. This news release features computer and mathematical, construction and extraction, and business and financial operations occupations, in addition to largest occupations, public sector occupations, and employment and wages by typical entry-level educational requirement. National employment and wage information for all occupations is shown in table 1.

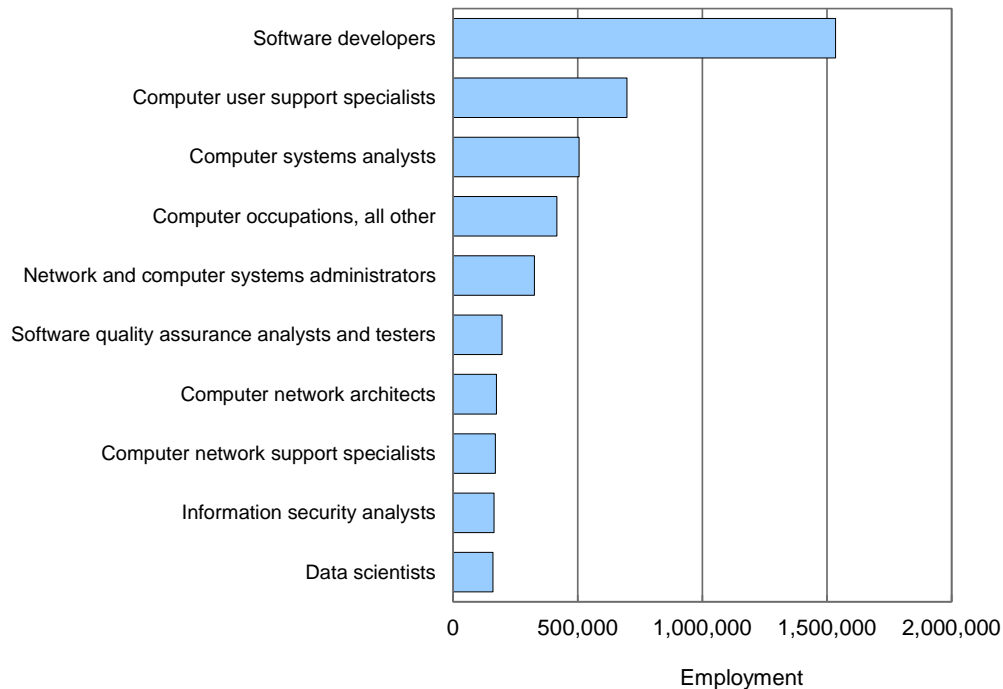
Computer and mathematical occupations

- The **largest** computer and mathematical occupations were software developers (1.5 million), computer user support specialists (696,830), and computer systems analysts (505,210). (See table 1 and chart 1.)
- Twenty out of 21 computer and mathematical occupations had mean wages above the U.S. average of \$61,900. The **highest paying** computer and mathematical occupations were computer and information research scientists (\$155,880), database architects (\$136,540), and software developers (\$132,930). (See table 1 and chart 2.)

Changes to the Occupational Employment and Wage Statistics (OEWS) Data

The May 2022 OEWS estimates are the first to use the 2022 North American Industry Classification System (NAICS). In addition, changes were made to the OEWS wage processing methodology. See the box notes at the end of this news release for more information.

Chart 1. Employment for the largest computer and mathematical occupations, May 2022



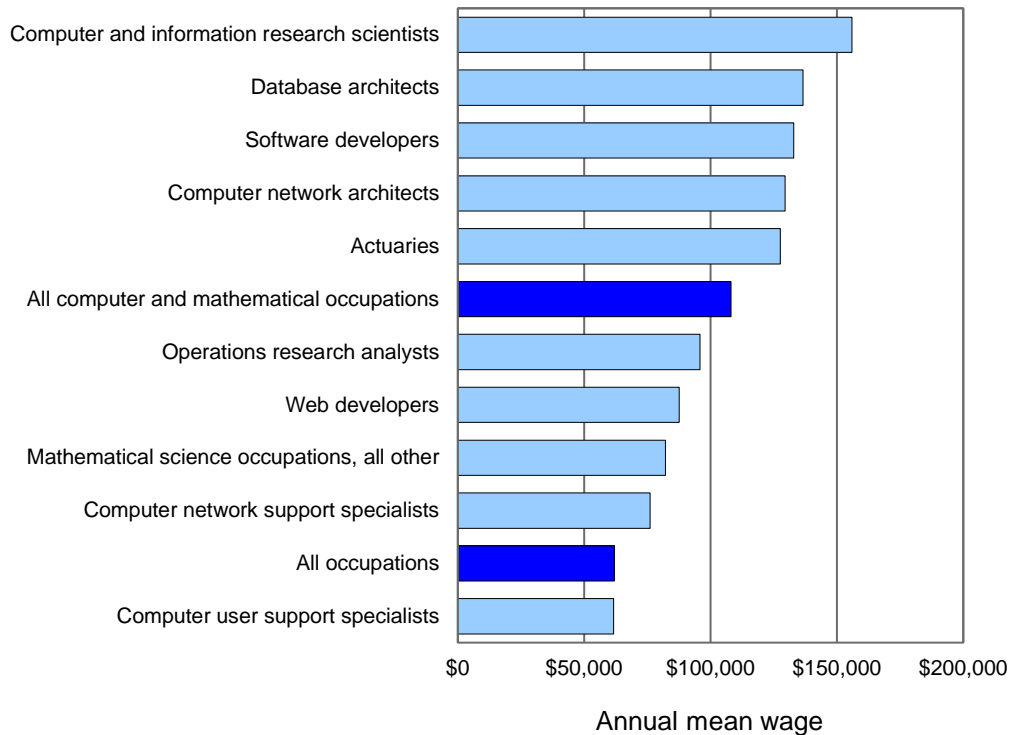
Source: U.S. Bureau of Labor Statistics, Occupational Employment and Wage Statistics.

- The **lowest paying** computer and mathematical occupations were computer user support specialists (\$61,580) and computer network support specialists (\$76,060). Computer user support specialists was the only computer and mathematical occupation that did not have an above-average wage. (See table 1 and chart 2.)
- More than one-quarter of computer and mathematical jobs (1.3 million) were in the computer systems design and related services industry. **Industries** with the largest employment of computer and mathematical occupations also included management of companies and enterprises (331,220); software publishers (286,760); and employment services (190,030), which includes temporary help services.
- The **metropolitan areas** with the highest concentrations of computer and mathematical occupations were San Jose-Sunnyvale-Santa Clara, CA (13.7 percent of area employment), and California-Lexington Park, MD (10.3 percent).
- The highest paying **states** for computer and mathematical occupations were California (\$143,670) and Washington (\$129,870). The lowest paying states for this group included Mississippi (\$75,840) and North Dakota (\$76,900).

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

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

Chart 2. Highest and lowest paying computer and mathematical occupations, May 2022



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

Construction and extraction occupations

- Construction and extraction occupations had **employment** of 6.1 million and an **annual mean wage** of \$58,400. (See table 1.)
- The **largest** construction and extraction occupations were construction laborers (1.0 million) and first-line supervisors of construction trades and extraction workers (720,900). (See table 1.)
- The **highest paying** construction and extraction occupations were elevator and escalator installers and repairers (\$93,960) and first-line supervisors of construction trades and extraction workers (\$77,650). (See table 1.)
- The **lowest paying** occupations in this group included helpers of pipelayers, plumbers, pipefitters, and steamfitters (\$37,590) and helpers of painters, paperhangers, plasterers, and stucco masons (\$38,040). (See table 1.)

- Construction and extraction occupations made up 9.1 percent of employment in Wyoming, compared with 4.1 percent nationally. **States** with the highest shares of construction and extraction occupations also included North Dakota (7.5 percent) and Montana (6.7 percent).
- Construction laborers, the largest construction and extraction occupation, had an annual mean wage of \$46,350 for all industries combined. (See table 1.) Within the construction sector, mean wages for construction laborers varied by industry from \$42,950 in residential building construction to \$55,160 in highway, street, and bridge construction.

Business and financial operations occupations

- Business and financial operations occupations had **employment** of 9.7 million, representing 6.5 percent of U.S. employment. The **annual mean wage** for business and financial operations occupations was \$86,080. (See table 1.)
- The **largest** business and financial operations occupations included accountants and auditors (1.4 million); business operations specialists, all other (1.1 million); and project management specialists (843,910). (See table 1.)
- The **highest paying** business and financial operations occupations were personal financial advisors (\$137,740); agents and business managers of artists, performers, and athletes (\$120,100); and financial risk specialists (\$116,140). (See table 1.)
- The **lowest paying** business and financial operations occupations included credit counselors (\$51,650) and farm labor contractors (\$54,630). (See table 1.)
- Accountants and auditors had an annual mean wage of \$86,740 nationally. (See table 1.) The District of Columbia (\$110,750) and New York (\$110,320) had the highest average wages for this occupation. The lowest paying **states** for accountants and auditors included Mississippi (\$68,040) and Nevada (\$68,980).

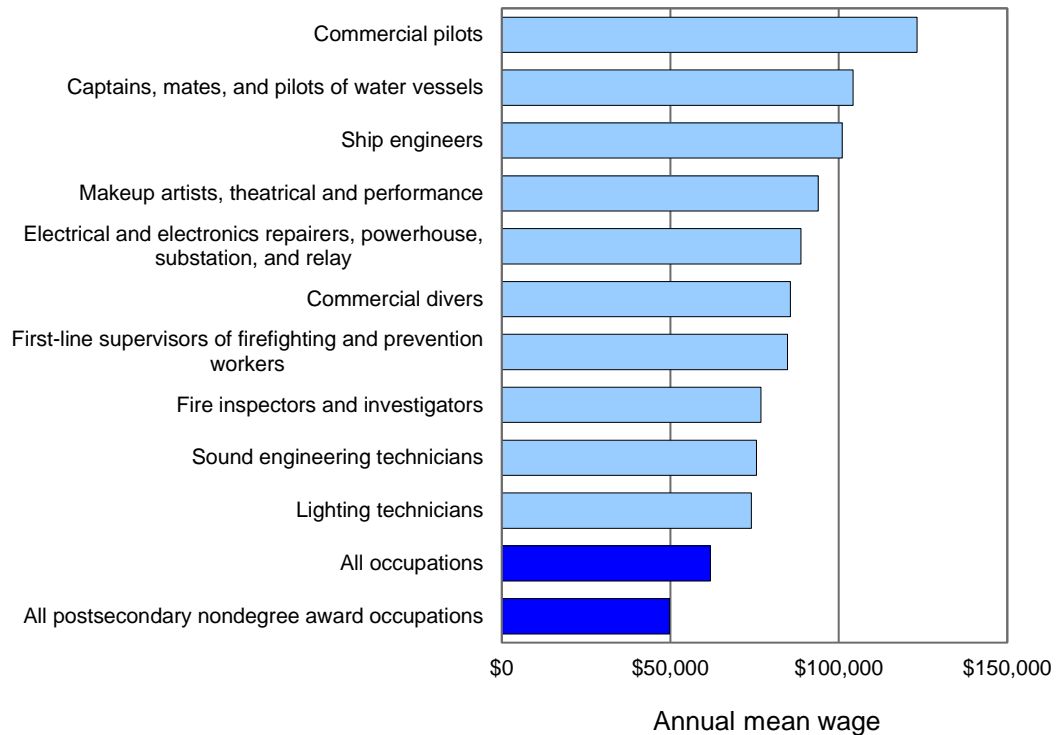
Largest occupations

- The largest occupations overall were retail salespersons (3.6 million), home health and personal care aides (3.5 million), and general and operations managers (3.4 million). (See table 1.)
- Eight of the 10 largest occupations had below-average wages, including retail salespersons (\$34,730) and home health and personal care aides (\$30,930). (See table 1.)
- Of the 10 largest occupations, registered nurses (\$89,010) and general and operations managers (\$122,860) were the only occupations with above-average wages. (See table 1.)

Public sector occupations

- The public sector made up 14.5 percent of employment and had a different occupational mix from the private sector.

Chart 3. Highest paying occupations typically requiring a postsecondary nondegree award for entry, May 2022



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

- Several of the **largest** public sector occupations were related to education. These occupations included elementary school teachers, except special education (public sector employment of 1.2 million); teaching assistants, except postsecondary (993,600); secondary school teachers, except special and career/technical education (896,190); and middle school teachers, except special and career/technical education (541,590).
- Outside of the educational instruction and library group, the occupations with the highest public sector employment were police and sheriff’s patrol officers (649,400); registered nurses (514,990); and janitors and cleaners, except maids and housekeeping cleaners (485,250).

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

Typical entry-level education

- Occupations typically requiring a **high school diploma or the equivalent** for entry made up 38.2 percent of employment and occupations typically requiring **no formal educational credential** for entry made up 21.9 percent of employment. These two educational categories include many production and construction occupations, as well as large occupations like retail salespersons and home health and personal care aides.

- Occupations typically requiring **postsecondary education** for entry made up nearly 40 percent of employment. The largest postsecondary category, occupations typically requiring a **bachelor’s degree** for entry, made up 24.5 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.
- The **largest occupations** typically requiring a **postsecondary nondegree award** for entry were heavy and tractor-trailer truck drivers (2.0 million), nursing assistants (1.3 million), and medical assistants (752,460). Occupations in this educational category made up 6.1 percent of employment.
- **Average wages** were generally higher for occupations requiring more education. Annual mean wages were \$34,320 for occupations typically requiring no formal educational credential for entry, \$49,140 for occupations typically requiring a high school diploma or the equivalent, \$63,510 for occupations typically requiring an associate’s degree, and \$99,650 for occupations typically requiring a bachelor’s degree.
- The **highest paying** occupations typically requiring a **postsecondary nondegree award** for entry included commercial pilots (\$123,250); captains, mates, and pilots of water vessels (\$104,190); and ship engineers (\$100,980). (See chart 3.)

The typical education level required to enter an occupation is based on education and training categories from the BLS Employment Projections program. More information about the system of education and training categories is available at www.bls.gov/emp/documentation/education/tech.htm. Typical entry-level educational requirements assigned to each occupation in the May 2022 OEWS estimates are available at www.bls.gov/oes/educ_list_2022.xlsx. Additional charts are available at www.bls.gov/oes/current/overview_2022.htm.

Implementing the 2022 North American Industry Classification System (NAICS)

The May 2022 estimates are the first OEWS estimates to be produced using the 2022 NAICS, which replaces the 2017 NAICS used for the May 2017–May 2021 estimates. More information about the 2022 NAICS is available at www.bls.gov/bls/naics.htm.

Changes to the Occupational Employment and Wage Statistics Methodology

The May 2022 OEWS estimates use the model-based (MB3) estimation method implemented with the May 2021 estimates release. Additional updates were made to the MB3 wage processing methodology for May 2022. For more information, see the May 2022 Survey Methods and Reliability Statement at www.bls.gov/oes/methods_22.pdf.

Technical Note

Scope of the survey

The Occupational Employment and Wage Statistics (OEWS) survey is a semiannual survey measuring occupational employment and wage rates for wage and salary workers in nonfarm establishments in the United States. The OEWS data available from 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 OEWS survey is a cooperative effort between BLS and the state workforce agencies (SWAs). BLS funds the survey and provides the procedures and technical support, while the SWAs collect most of the data. OEWS estimates are constructed from a sample of about 1.1 million establishments. Each year, two semiannual panels of approximately 179,000 to 187,000 sampled establishments are contacted, one panel in May and the other in November. Responses are obtained by Internet or other electronic means, mail, email, telephone, or personal visit. The May 2022 estimates are based on responses from six semiannual panels collected over a 3-year period: May 2022, November 2021, May 2021, November 2020, May 2020, and November 2019. The unweighted sampled employment of 80 million across all six semiannual panels represents approximately 57 percent of total national employment. The overall national response rate for the six panels, based on the 50 states and the District of Columbia, is 65.4 percent based on establishments and 62.5 percent based on weighted sampled employment.

The occupational coding system

The May 2022 OEWS estimates contain approximately 830 occupational categories based on the Office of Management and Budget's 2018 Standard Occupational Classification (SOC) system. Together, these 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 2022 OEWS estimates use the 2022 North American Industry Classification System (NAICS). For more information about NAICS, see the BLS website at www.bls.gov/bls/naics.htm.

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

Survey sample

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

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

Concepts

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

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

The responding establishments are instructed to report hourly rates for part-time workers and to report annual rates for occupations that are typically paid at an annual rate but do not work 2,080 hours per year, such as teachers, pilots, and flight attendants. Other workers, such as some entertainment workers, are paid hourly rates, but generally do not work 40 hours per week, year round. For these workers, only an hourly wage is reported.

OEWS receives wage rate data for the federal government, the U.S. Postal Service, and most state government, local government, and private sector establishments. For the remaining establishments without wage rate data and for all establishments in the November 2019 panel, the OEWS survey data were placed into 12 wage intervals. The intervals are defined both as hourly rates and the corresponding annual rates, where the annual rate for an occupation is calculated by multiplying the hourly wage rate by a typical work year of 2,080 hours.

Estimation methodology

The OEWS survey is designed to produce estimates by combining six panels of data collected over a 3-year period. Each OEWS panel contains approximately 179,000 to 187,000

establishments. The full six-panel sample of 1.1 million establishments allows the production of estimates at detailed levels of geography, industry, and occupation.

The May 2022 estimates were produced by a model-based estimation method using three years of OEWS data (MB3). Under MB3, data provided by survey respondents are used to model occupational staffing patterns and wages for all unobserved establishments in the population, including establishments that were not sampled, sampled establishments that did not respond, and respondents that did not meet stability criteria.

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

Each establishment's population employment is set as the average of its May 2022 and November 2021 employment from the Quarterly Census of Employment and Wages, the UI database from which the OEWS sample is drawn. Using adjustment factors derived from the OEWS survey data, wages collected in earlier survey panels are adjusted to the reference date of the estimates and donor wages are adjusted for differences between donor and recipient characteristics such as geographic area and industry.

Changes and special procedures in the May 2022 estimates

The May 2022 estimates are the second official estimates to use the model-based MB3 estimation method introduced in the May 2021 release. MB3 has advantages over the previous estimation method, as described in the Monthly Labor Review

article at www.bls.gov/opub/mlr/2019/article/model-based-estimates-for-the-occupational-employment-statistics-program.htm. Additional updates were made to the MB3 wage processing for May 2022. For more information, see the May 2022 Survey Methods and Reliability Statement at www.bls.gov/oes/methods_22.pdf.

The May 2022 estimates are the first to be produced using the 2022 NAICS, which replaces the 2017 NAICS used for the May 2017–May 2021 estimates. All six survey panels used for the May 2022 estimates were collected using the 2017 NAICS codes; these data were then mapped to the corresponding 2022 NAICS codes.

The May 2022 OEWS estimates use the metropolitan area definitions delineated in Office of Management and Budget (OMB) Bulletin 17-01. For more information, please see www.bls.gov/oes/current/msa_def.htm.

Response rates for the May 2022 estimates were negatively affected by the difficulty of collecting data from employers during the COVID-19 pandemic. Lower response rates may negatively affect data availability and data quality.

For more information

Answers to frequently asked questions about the OEWS data are available at www.bls.gov/oes/oes_ques.htm. If you are deaf, hard of hearing, or have a speech disability, please dial 7-1-1 to access telecommunications relay services.

Table 1. National employment and wage data from the Occupational Employment and Wage Statistics survey by occupation, May 2022

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
All occupations	147,886,000	\$29.76	\$61,900	\$22.26
Management occupations	9,860,740	63.08	131,200	51.62
Top executives.....	3,618,820	62.04	129,050	48.02
Chief executives.....	199,240	118.48	246,440	91.12
General and operations managers.....	3,376,680	59.07	122,860	47.16
Legislators.....	42,890	(?)	71,100	(?)
Advertising, marketing, promotions, public relations, and sales managers.....	977,490	73.23	152,320	63.86
Advertising and promotions managers.....	22,010	70.70	147,050	61.46
Marketing and sales managers.....	864,970	73.79	153,470	64.37
Marketing managers.....	328,570	76.10	158,280	67.33
Sales managers.....	536,390	72.37	150,530	62.79
Public relations and fundraising managers.....	90,510	68.56	142,610	60.40
Public relations managers.....	64,280	72.13	150,030	62.23
Fundraising managers.....	26,240	59.83	124,450	51.63
Operations specialties managers.....	2,322,010	71.25	148,190	62.96
Administrative services and facilities managers.....	353,550	54.06	112,440	48.98
Administrative services managers.....	236,570	55.59	115,640	49.68
Facilities managers.....	116,980	50.95	105,970	47.61
Computer and information systems managers.....	533,220	83.49	173,670	78.88
Financial managers.....	740,780	79.83	166,050	67.21
Industrial production managers.....	211,710	58.13	120,900	51.71
Purchasing managers.....	75,070	67.62	140,650	63.15
Transportation, storage, and distribution managers.....	169,910	52.36	108,910	47.39
Compensation and benefits managers.....	16,850	68.82	143,140	63.11
Human resources managers.....	181,360	70.07	145,750	62.50
Training and development managers.....	39,550	63.51	132,100	57.69
Other management occupations.....	2,942,420	54.53	113,420	47.95
Farmers, ranchers, and other agricultural managers.....	6,250	40.29	83,790	36.42
Construction managers.....	303,220	54.22	112,790	48.79
Education and childcare administrators.....	563,170	49.70	103,370	47.08
Education and childcare administrators, preschool and daycare.....	60,010	27.70	57,610	23.89
Education administrators, kindergarten through secondary.....	285,910	(?)	106,690	(?)
Education administrators, postsecondary.....	167,060	55.38	115,180	48.05
Education administrators, all other.....	50,180	47.99	99,820	42.85
Architectural and engineering managers.....	197,180	78.52	163,310	76.88
Food service managers.....	231,100	32.27	67,130	29.48
Entertainment and recreation managers.....	27,750	39.68	82,530	34.34
Gambling managers.....	4,800	46.07	95,830	38.80
Entertainment and recreation managers, except gambling.....	22,950	38.34	79,750	32.32
Lodging managers.....	39,870	35.21	73,230	29.76
Medical and health services managers.....	476,750	61.53	127,980	50.40
Natural sciences managers.....	82,570	78.66	163,610	69.44
Postmasters and mail superintendents.....	13,460	40.48	84,190	39.79
Property, real estate, and community association managers.....	261,120	36.59	76,110	29.17
Social and community service managers.....	162,880	38.13	79,310	35.69
Emergency management directors.....	11,290	42.74	88,890	38.07
Personal service managers.....	22,520	36.18	75,250	29.86
Funeral home managers.....	13,680	40.76	84,770	34.67
Personal service managers, all other.....	8,840	29.09	60,510	26.97
Managers, all other.....	543,290	67.88	141,190	61.84
Business and financial operations occupations	9,677,720	41.39	86,080	36.95
Business operations specialists.....	6,660,810	40.04	83,280	36.56
Agents and business managers of artists, performers, and athletes.....	13,130	57.74	120,100	39.68
Buyers and purchasing agents.....	464,880	36.13	75,140	32.51
Claims adjusters, appraisers, examiners, and investigators.....	296,700	35.25	73,320	34.63
Claims adjusters, examiners, and investigators.....	285,270	35.28	73,380	34.73
Insurance appraisers, auto damage.....	11,430	34.42	71,580	33.36
Compliance officers.....	359,640	37.01	76,980	34.47
Cost estimators.....	225,310	36.89	76,740	34.23
Human resources workers.....	898,110	35.61	74,060	31.25
Human resources specialists.....	835,360	35.13	73,080	30.88
Farm labor contractors.....	550	26.26	54,630	23.72
Labor relations specialists.....	62,200	42.05	87,470	39.43
Logisticians and project management specialists.....	1,046,880	46.95	97,660	42.33
Logisticians.....	202,970	39.05	81,220	37.27
Project management specialists.....	843,910	48.85	101,610	45.85
Management analysts.....	808,860	50.32	104,660	45.81
Meeting, convention, and event planners.....	112,070	28.24	58,750	25.27
Fundraisers.....	94,630	32.06	66,670	29.42
Compensation, benefits, and job analysis specialists.....	93,550	36.50	75,920	32.59
Training and development specialists.....	367,180	33.59	69,870	30.33
Market research analysts and marketing specialists.....	798,620	37.92	78,880	32.80
Business operations specialists, all other.....	1,081,230	39.75	82,670	36.53
Financial specialists.....	3,016,910	44.37	92,290	37.59
Accountants and auditors.....	1,402,420	41.70	86,740	37.50

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment and Wage Statistics survey by occupation, May 2022—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Business and financial operations occupations (Continued)				
Property appraisers and assessors.....	59,970	\$38.68	\$80,460	\$29.60
Budget analysts.....	48,430	42.16	87,680	39.55
Credit analysts.....	71,960	44.32	92,180	37.91
Financial analysts and advisors.....	736,130	56.14	116,770	43.60
Financial and investment analysts.....	291,370	52.30	108,790	45.71
Personal financial advisors.....	283,060	66.22	137,740	45.86
Insurance underwriters.....	105,900	39.90	82,990	36.65
Financial risk specialists.....	55,800	55.84	116,140	49.10
Financial examiners.....	63,370	45.97	95,610	39.52
Credit counselors and loan officers.....	374,640	39.25	81,640	30.60
Credit counselors.....	29,090	24.83	51,650	22.75
Loan officers.....	345,550	40.46	84,160	31.60
Tax examiners, collectors and preparers, and revenue agents.....	132,980	28.42	59,100	24.92
Tax examiners and collectors, and revenue agents.....	50,610	30.97	64,410	27.86
Tax preparers.....	82,370	26.85	55,840	23.20
Financial specialists, all other.....	127,020	40.18	83,580	35.48
Computer and mathematical occupations	5,003,910	51.99	108,130	48.29
Computer occupations.....	4,677,500	51.97	108,100	48.33
Computer and information analysts.....	668,900	53.15	110,550	50.11
Computer systems analysts.....	505,210	51.70	107,530	49.15
Information security analysts.....	163,690	57.63	119,860	53.85
Computer and information research scientists.....	33,780	74.94	155,880	65.69
Computer support specialists.....	865,750	30.97	64,410	28.68
Computer network support specialists.....	168,920	36.57	76,060	32.72
Computer user support specialists.....	696,830	29.61	61,580	27.83
Database and network administrators and architects.....	642,840	53.08	110,400	49.65
Computer network architects.....	173,920	62.25	129,490	61.01
Database administrators.....	80,520	49.29	102,530	48.03
Database architects.....	62,470	65.65	136,540	64.84
Network and computer systems administrators.....	325,930	46.71	97,160	43.52
Software and web developers, programmers, and testers.....	2,049,920	60.07	124,940	54.90
Computer programmers.....	132,740	49.42	102,790	47.02
Software developers.....	1,534,790	63.91	132,930	61.18
Software quality assurance analysts and testers.....	196,420	50.84	105,750	47.89
Web developers.....	88,620	42.11	87,580	37.78
Web and digital interface designers.....	97,350	48.91	101,740	40.02
Computer occupations, all other.....	416,320	50.32	104,660	47.47
Mathematical science occupations.....	326,400	52.22	108,620	47.88
Actuaries.....	25,010	61.34	127,580	54.80
Mathematicians.....	2,070	54.74	113,860	53.90
Operations research analysts.....	105,080	46.07	95,820	41.21
Statisticians.....	30,780	50.73	105,510	47.56
Data scientists.....	159,630	55.40	115,240	49.76
Mathematical science occupations, all other.....	3,840	39.50	82,160	34.47
Architecture and engineering occupations	2,481,170	45.52	94,670	40.24
Architects, surveyors, and cartographers.....	186,640	41.67	86,670	37.98
Architects, except naval.....	125,610	45.10	93,810	39.25
Architects, except landscape and naval.....	107,490	46.40	96,510	39.83
Landscape architects.....	18,120	37.41	77,820	35.20
Surveyors, cartographers, and photogrammetrists.....	61,030	34.61	71,980	31.11
Cartographers and photogrammetrists.....	13,270	36.20	75,300	34.56
Surveyors.....	47,770	34.16	71,060	30.33
Engineers.....	1,659,230	51.53	107,170	48.09
Aerospace engineers.....	61,580	61.10	127,090	61.00
Agricultural engineers.....	1,500	43.61	90,710	40.03
Bioengineers and biomedical engineers.....	19,210	51.95	108,060	47.86
Chemical engineers.....	20,380	56.64	117,820	51.09
Civil engineers.....	307,570	46.82	97,380	43.24
Computer hardware engineers.....	74,640	67.71	140,830	63.64
Electrical and electronics engineers.....	288,860	55.62	115,680	50.29
Electrical engineers.....	182,210	54.83	114,050	49.67
Electronics engineers, except computer.....	106,640	56.95	118,460	52.00
Environmental engineers.....	45,440	48.88	101,670	46.41
Industrial engineers, including health and safety.....	342,920	47.54	98,880	46.44
Health and safety engineers, except mining safety engineers and inspectors.....	21,520	49.79	103,570	48.40
Industrial engineers.....	321,400	47.39	98,560	46.32
Marine engineers and naval architects.....	7,450	50.75	105,560	46.59
Materials engineers.....	21,510	50.69	105,420	48.15
Mechanical engineers.....	277,560	48.47	100,820	46.31
Mining and geological engineers, including mining safety engineers.....	7,390	48.70	101,290	46.87
Nuclear engineers.....	12,250	59.88	124,540	58.89
Petroleum engineers.....	20,540	68.66	142,800	63.37
Engineers, all other.....	150,420	53.50	111,280	50.29
Drafters, engineering technicians, and mapping technicians.....	635,300	30.95	64,370	29.37
Drafters.....	192,410	30.43	63,300	29.04

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment and Wage Statistics survey by occupation, May 2022—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Architecture and engineering occupations (Continued)				
Architectural and civil drafters.....	105,960	\$29.64	\$61,660	\$28.76
Electrical and electronics drafters.....	20,930	33.00	68,640	30.89
Mechanical drafters.....	47,540	31.59	65,700	29.48
Drafters, all other.....	17,980	29.02	60,370	27.71
Engineering technologists and technicians, except drafters.....	386,310	32.10	66,780	30.06
Aerospace engineering and operations technologists and technicians.....	9,750	37.05	77,060	35.78
Civil engineering technologists and technicians.....	62,350	29.56	61,480	28.67
Electrical and electronic engineering technologists and technicians.....	99,050	34.04	70,810	31.92
Electro-mechanical and mechatronics technologists and technicians.....	14,540	31.69	65,920	29.12
Environmental engineering technologists and technicians.....	13,400	27.90	58,020	24.51
Industrial engineering technologists and technicians.....	66,560	30.52	63,470	29.43
Mechanical engineering technologists and technicians.....	39,610	31.02	64,530	29.80
Calibration technologists and technicians.....	10,790	32.31	67,200	29.83
Engineering technologists and technicians, except drafters, all other.....	70,250	33.92	70,550	31.50
Surveying and mapping technicians.....	56,580	24.79	51,570	22.68
Life, physical, and social science occupations	1,314,360	40.21	83,640	35.74
Life scientists.....	318,780	46.56	96,840	39.93
Agricultural and food scientists.....	33,250	39.06	81,250	36.03
Animal scientists.....	2,520	41.28	85,870	33.36
Food scientists and technologists.....	14,720	41.22	85,730	38.39
Soil and plant scientists.....	16,010	36.73	76,410	31.60
Biological scientists.....	124,910	46.38	96,460	41.35
Biochemists and biophysicists.....	32,500	55.16	114,740	49.91
Microbiologists.....	19,710	42.77	88,950	39.42
Zoologists and wildlife biologists.....	17,410	34.91	72,610	32.42
Biological scientists, all other.....	55,300	46.11	95,920	41.97
Conservation scientists and foresters.....	32,320	33.32	69,310	30.97
Conservation scientists.....	22,880	33.56	69,810	30.99
Foresters.....	9,430	32.74	68,090	30.87
Medical scientists.....	119,980	52.27	108,720	46.74
Epidemiologists.....	9,430	41.29	85,880	37.75
Medical scientists, except epidemiologists.....	110,550	53.21	110,670	48.04
Life scientists, all other.....	8,320	48.26	100,370	40.35
Physical scientists.....	251,060	46.91	97,570	40.27
Astronomers and physicists.....	21,000	71.06	147,800	66.93
Astronomers.....	2,160	61.28	127,460	61.70
Physicists.....	18,840	72.18	150,130	68.68
Atmospheric and space scientists.....	9,900	45.01	93,610	40.28
Chemists and materials scientists.....	91,570	44.33	92,210	39.33
Chemists.....	83,940	43.53	90,530	38.78
Materials scientists.....	7,620	53.22	110,690	50.18
Environmental scientists and geoscientists.....	108,780	42.96	89,350	37.85
Environmental scientists and specialists, including health.....	77,270	40.30	83,820	36.77
Geoscientists, except hydrologists and geographers.....	25,230	50.27	104,560	42.06
Hydrologists.....	6,270	46.30	96,300	41.34
Physical scientists, all other.....	19,820	55.88	116,230	51.91
Social scientists and related workers.....	256,110	45.46	94,560	40.39
Economists.....	16,370	61.63	128,180	54.78
Survey researchers.....	7,880	31.94	66,440	29.04
Psychologists.....	138,310	46.25	96,190	41.02
Industrial-organizational psychologists.....	1,280	69.52	144,610	66.96
Clinical and counseling psychologists.....	62,880	49.40	102,740	43.33
School psychologists.....	60,250	42.09	87,550	39.18
Psychologists, all other.....	13,900	47.87	99,560	51.16
Sociologists.....	2,980	48.71	101,310	47.40
Urban and regional planners.....	39,880	39.63	82,420	38.24
Miscellaneous social scientists and related workers.....	50,690	44.61	92,800	41.38
Anthropologists and archeologists.....	7,350	32.84	68,310	30.74
Geographers.....	1,360	42.77	88,960	42.74
Historians.....	3,120	35.05	72,900	31.03
Political scientists.....	5,660	60.64	126,140	61.55
Social scientists and related workers, all other.....	33,210	45.46	94,560	42.74
Life, physical, and social science technicians.....	355,310	26.88	55,900	23.94
Agricultural and food science technicians.....	27,490	23.37	48,610	22.18
Agricultural technicians.....	13,140	21.94	45,640	20.08
Food science technicians.....	14,350	24.68	51,320	23.01
Biological technicians.....	73,710	25.75	53,560	23.87
Chemical technicians.....	56,030	27.01	56,180	24.44
Environmental science and geoscience technicians.....	46,010	26.99	56,140	23.38
Environmental science and protection technicians, including health.....	33,920	25.95	53,970	23.26
Geological technicians, except hydrologic technicians.....	9,170	29.24	60,810	23.31
Hydrologic technicians.....	2,920	32.04	66,640	28.06
Nuclear technicians.....	5,880	46.65	97,040	48.28
Social science research assistants.....	28,720	27.77	57,760	24.26
Forest and conservation technicians.....	29,120	21.64	45,000	19.96

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment and Wage Statistics survey by occupation, May 2022—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Life, physical, and social science occupations (Continued)				
Miscellaneous life, physical, and social science technicians.....	88,360	\$28.88	\$60,070	\$25.66
Forensic science technicians.....	17,590	33.30	69,260	30.64
Life, physical, and social science technicians, all other.....	70,770	27.78	57,790	24.18
Occupational health and safety specialists and technicians.....	133,100	37.86	78,750	36.17
Occupational health and safety specialists.....	133,100	37.86	78,750	36.17
Occupational health and safety technicians.....	109,430	39.47	82,110	37.77
Occupational health and safety technicians.....	23,670	30.40	63,230	27.87
Community and social service occupations				
	2,313,620	26.81	55,760	23.74
Counselors, social workers, and other community and social service specialists.....	2,225,730	26.76	55,660	23.72
Counselors.....	834,740	28.08	58,400	24.61
Educational, guidance, and career counselors and advisors.....	308,000	30.87	64,200	28.92
Marriage and family therapists.....	62,080	30.44	63,300	27.20
Rehabilitation counselors.....	82,420	22.13	46,020	19.23
Substance abuse, behavioral disorder, and mental health counselors.....	344,970	27.03	56,230	23.90
Counselors, all other.....	37,270	23.93	49,770	20.86
Social workers.....	689,750	28.58	59,440	26.61
Child, family, and school social workers.....	344,770	27.25	56,680	24.43
Healthcare social workers.....	182,420	30.17	62,760	28.98
Mental health and substance abuse social workers.....	107,940	28.91	60,130	24.63
Social workers, all other.....	54,620	30.94	64,360	29.53
Miscellaneous community and social service specialists.....	701,240	23.40	48,680	21.18
Health education specialists.....	56,190	32.07	66,710	28.84
Probation officers and correctional treatment specialists.....	89,920	31.21	64,920	28.78
Social and human service assistants.....	399,560	20.00	41,600	18.52
Community health workers.....	61,300	23.99	49,900	22.21
Community and social service specialists, all other.....	94,270	24.82	51,620	22.74
Religious workers.....	87,890	28.11	58,480	24.37
Clergy.....	53,140	28.93	60,180	26.71
Directors, religious activities and education.....	24,030	29.11	60,540	23.74
Religious workers, all other.....	10,720	21.84	45,420	18.93
Legal occupations				
	1,216,600	59.87	124,540	45.76
Lawyers, judges, and related workers.....	771,200	76.78	159,710	64.19
Lawyers and judicial law clerks.....	722,710	77.73	161,680	64.49
Lawyers.....	707,160	78.74	163,770	65.26
Judicial law clerks.....	15,540	31.88	66,310	27.64
Judges, magistrates, and other judicial workers.....	48,500	62.68	130,380	54.61
Administrative law judges, adjudicators, and hearing officers.....	12,490	46.75	97,250	45.67
Arbitrators, mediators, and conciliators.....	7,780	47.56	98,920	30.78
Judges, magistrate judges, and magistrates.....	28,230	73.90	153,700	72.61
Legal support workers.....	445,400	30.60	63,640	28.28
Paralegals and legal assistants.....	345,240	30.21	62,840	28.46
Miscellaneous legal support workers.....	100,160	31.92	66,390	27.33
Title examiners, abstractors, and searchers.....	53,680	27.42	57,030	24.28
Legal support workers, all other.....	46,480	37.11	77,200	29.97
Educational instruction and library occupations				
	8,496,780	30.41	63,240	27.64
Postsecondary teachers.....	1,380,290	(²)	96,130	(²)
Business teachers, postsecondary.....	78,410	(²)	108,060	(²)
Math and computer science teachers, postsecondary.....	80,430	(²)	93,690	(²)
Computer science teachers, postsecondary.....	33,870	(²)	98,610	(²)
Mathematical science teachers, postsecondary.....	46,560	(²)	90,110	(²)
Engineering and architecture teachers, postsecondary.....	42,440	(²)	112,940	(²)
Architecture teachers, postsecondary.....	6,420	(²)	104,370	(²)
Engineering teachers, postsecondary.....	36,010	(²)	114,470	(²)
Life sciences teachers, postsecondary.....	59,420	(²)	97,650	(²)
Agricultural sciences teachers, postsecondary.....	8,240	(²)	96,650	(²)
Biological science teachers, postsecondary.....	49,920	(²)	97,800	(²)
Forestry and conservation science teachers, postsecondary.....	1,270	(²)	98,160	(²)
Physical sciences teachers, postsecondary.....	50,900	(²)	98,880	(²)
Atmospheric, earth, marine, and space sciences teachers, postsecondary.....	11,150	(²)	107,540	(²)
Chemistry teachers, postsecondary.....	20,650	(²)	95,250	(²)
Environmental science teachers, postsecondary.....	6,240	(²)	91,450	(²)
Physics teachers, postsecondary.....	12,860	(²)	100,810	(²)
Social sciences teachers, postsecondary.....	112,710	(²)	94,480	(²)
Anthropology and archeology teachers, postsecondary.....	4,930	(²)	98,940	(²)
Area, ethnic, and cultural studies teachers, postsecondary.....	9,340	(²)	92,980	(²)
Economics teachers, postsecondary.....	11,640	(²)	122,750	(²)
Geography teachers, postsecondary.....	3,340	(²)	87,880	(²)
Political science teachers, postsecondary.....	15,190	(²)	98,420	(²)
Psychology teachers, postsecondary.....	40,050	(²)	88,470	(²)
Sociology teachers, postsecondary.....	12,030	(²)	90,200	(²)
Social sciences teachers, postsecondary, all other.....	16,200	(²)	89,350	(²)
Health teachers, postsecondary.....	276,880	(²)	116,780	(²)
Health specialties teachers, postsecondary.....	207,700	(²)	127,640	(²)

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment and Wage Statistics survey by occupation, May 2022—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Educational instruction and library occupations (Continued)				
Nursing instructors and teachers, postsecondary.....	69,190	(2)	\$84,180	(2)
Education and library science teachers, postsecondary.....	62,610	(2)	78,770	(2)
Education teachers, postsecondary.....	58,280	(2)	78,540	(2)
Library science teachers, postsecondary.....	4,330	(2)	81,720	(2)
Law, criminal justice, and social work teachers, postsecondary.....	40,780	(2)	97,900	(2)
Criminal justice and law enforcement teachers, postsecondary.....	13,900	(2)	78,980	(2)
Law teachers, postsecondary.....	14,830	(2)	133,950	(2)
Social work teachers, postsecondary.....	12,050	(2)	75,330	(2)
Arts, communications, history, and humanities teachers, postsecondary.....	242,260	(2)	88,260	(2)
Art, drama, and music teachers, postsecondary.....	97,830	(2)	93,440	(2)
Communications teachers, postsecondary.....	27,350	(2)	84,700	(2)
English language and literature teachers, postsecondary.....	57,680	(2)	83,130	(2)
Foreign language and literature teachers, postsecondary.....	19,520	(2)	83,300	(2)
History teachers, postsecondary.....	18,250	(2)	88,640	(2)
Philosophy and religion teachers, postsecondary.....	21,620	(2)	87,100	(2)
Miscellaneous postsecondary teachers.....	333,440	(2)	83,240	(2)
Family and consumer sciences teachers, postsecondary.....	2,420	(2)	89,840	(2)
Recreation and fitness studies teachers, postsecondary.....	13,400	(2)	82,020	(2)
Career/technical education teachers, postsecondary.....	103,100	31.49	65,500	28.77
Postsecondary teachers, all other.....	214,520	(2)	91,760	(2)
Preschool, elementary, middle, secondary, and special education teachers.....	4,177,640	(2)	65,580	(2)
Preschool and kindergarten teachers.....	534,610	21.42	44,540	17.79
Preschool teachers, except special education.....	415,360	18.58	38,640	16.99
Kindergarten teachers, except special education.....	119,250	(2)	65,120	(2)
Elementary and middle school teachers.....	2,016,430	(2)	67,930	(2)
Elementary school teachers, except special education.....	1,394,200	(2)	68,000	(2)
Middle school teachers, except special and career/technical education.....	611,120	(2)	67,790	(2)
Career/technical education teachers, middle school.....	11,110	(2)	67,680	(2)
Secondary school teachers.....	1,130,370	(2)	69,330	(2)
Secondary school teachers, except special and career/technical education.....	1,042,090	(2)	69,480	(2)
Career/technical education teachers, secondary school.....	88,280	(2)	67,610	(2)
Special education teachers.....	496,220	(2)	70,110	(2)
Special education teachers, preschool.....	22,970	(2)	69,620	(2)
Special education teachers, kindergarten and elementary school.....	195,010	(2)	68,580	(2)
Special education teachers, middle school.....	82,970	(2)	69,530	(2)
Special education teachers, secondary school.....	152,490	(2)	71,290	(2)
Special education teachers, all other.....	42,780	(2)	74,310	(2)
Other teachers and instructors.....	977,300	23.41	48,700	18.51
Adult basic education, adult secondary education, and English as a second language instructors.....	36,490	30.35	63,130	28.17
Self-enrichment teachers.....	248,150	24.19	50,320	21.21
Substitute teachers, short-term.....	397,200	20.52	42,680	16.95
Tutors.....	174,980	21.55	44,820	17.63
Teachers and instructors, all other.....	120,480	(2)	66,450	(2)
Librarians, curators, and archivists.....	236,090	27.28	56,750	24.62
Archivists, curators, and museum technicians.....	31,080	29.28	60,900	25.68
Archivists.....	7,230	30.76	63,980	28.19
Curators.....	11,620	32.45	67,490	29.03
Museum technicians and conservators.....	12,240	25.40	52,820	22.72
Librarians and media collections specialists.....	131,680	31.14	64,770	29.65
Library technicians.....	73,330	19.52	40,590	18.08
Other educational instruction and library occupations.....	1,725,460	(2)	40,410	(2)
Farm and home management educators.....	8,220	28.10	58,450	25.70
Instructional coordinators.....	198,660	35.14	73,080	31.97
Teaching assistants.....	1,389,400	(2)	34,530	(2)
Teaching assistants, postsecondary.....	135,160	(2)	41,900	(2)
Teaching assistants, except postsecondary.....	1,254,240	(2)	33,740	(2)
Educational instruction and library workers, all other.....	129,170	25.12	52,250	22.91
Arts, design, entertainment, sports, and media occupations				
Art and design workers.....	2,063,380	36.78	76,500	27.90
Artists and related workers.....	678,620	31.34	65,180	24.59
Artists and related workers.....	114,810	51.95	108,050	45.78
Art directors.....	54,470	59.76	124,310	50.57
Craft artists.....	4,760	23.65	49,180	18.34
Fine artists, including painters, sculptors, and illustrators.....	12,080	33.59	69,870	27.67
Special effects artists and animators.....	35,990	53.43	111,130	47.57
Artists and related workers, all other.....	7,510	35.64	74,130	33.54
Designers.....	563,810	27.14	56,450	22.59
Commercial and industrial designers.....	30,450	39.30	81,740	36.50
Fashion designers.....	20,560	41.23	85,760	36.87
Floral designers.....	42,840	16.50	34,310	15.94
Graphic designers.....	211,890	31.01	64,500	27.88
Interior designers.....	64,290	32.43	67,460	29.61
Merchandise displayers and window trimmers.....	173,110	18.33	38,120	17.01
Set and exhibit designers.....	9,490	32.93	68,490	28.84
Designers, all other.....	11,180	36.75	76,430	31.44

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment and Wage Statistics survey by occupation, May 2022—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Arts, design, entertainment, sports, and media occupations (Continued)				
Entertainers and performers, sports and related workers.....	526,600	\$40.88	\$85,030	\$25.45
Actors, producers, and directors.....	207,920	48.74	101,370	36.27
Actors.....	54,160	36.06	(?)	17.94
Producers and directors.....	153,770	53.20	110,660	41.02
Athletes, coaches, umpires, and related workers.....	243,620	(?)	71,730	(?)
Athletes and sports competitors.....	11,930	(?)	358,080	(?)
Coaches and scouts.....	218,970	(?)	57,450	(?)
Umpires, referees, and other sports officials.....	12,720	(?)	49,030	(?)
Dancers and choreographers.....	14,340	25.99	54,050	22.62
Dancers.....	8,930	24.62	(?)	21.64
Choreographers.....	5,400	28.24	58,740	24.52
Musicians, singers, and related workers.....	43,440	49.05	(?)	36.01
Music directors and composers.....	11,690	45.88	95,430	30.26
Musicians and singers.....	31,750	50.21	(?)	39.14
Miscellaneous entertainers and performers, sports and related workers.....	17,280	28.30	(?)	20.90
Disc jockeys, except radio.....	5,640	25.48	(?)	21.34
Entertainers and performers, sports and related workers, all other.....	11,640	29.67	(?)	20.31
Media and communication workers.....	630,340	40.81	84,890	31.85
Broadcast announcers and radio disc jockeys.....	26,820	74.87	155,730	20.07
News analysts, reporters, and journalists.....	44,530	41.49	86,290	26.90
Public relations specialists.....	264,750	37.76	78,540	32.42
Writers and editors.....	204,060	41.86	87,070	36.10
Editors.....	101,430	40.78	84,820	35.14
Technical writers.....	48,620	41.71	86,760	38.44
Writers and authors.....	54,010	44.02	91,560	35.17
Miscellaneous media and communication workers.....	90,190	36.94	76,830	27.97
Interpreters and translators.....	52,160	29.68	61,730	25.79
Court reporters and simultaneous captioners.....	14,240	33.79	70,290	30.56
Media and communication workers, all other.....	23,780	54.73	113,840	31.25
Media and communication equipment workers.....	227,810	32.36	67,310	25.40
Broadcast, sound, and lighting technicians.....	111,090	33.27	69,190	25.94
Audio and video technicians.....	56,110	27.74	57,710	24.36
Broadcast technicians.....	33,020	40.80	84,860	29.19
Sound engineering technicians.....	13,420	36.34	75,590	29.17
Lighting technicians.....	8,540	35.59	74,020	29.64
Photographers.....	47,380	24.14	50,210	19.31
Television, video, and film camera operators and editors.....	55,040	36.72	76,380	30.01
Camera operators, television, video, and film.....	22,970	33.63	69,940	27.99
Film and video editors.....	32,080	38.94	80,990	30.54
Media and communication equipment workers, all other.....	14,300	35.81	74,490	33.41
Healthcare practitioners and technical occupations	9,043,070	46.52	96,770	37.38
Healthcare diagnosing or treating practitioners.....	5,965,270	57.21	118,990	45.05
Chiropractors.....	37,740	40.25	83,720	36.24
Dentists.....	136,970	86.97	180,900	76.70
Dentists, general.....	120,740	82.83	172,290	74.54
Oral and maxillofacial surgeons.....	4,290	148.76	309,410	(?)
Orthodontists.....	6,310	104.00	216,320	83.83
Dentists, all other specialists.....	5,250	112.23	233,430	102.28
Dietitians and nutritionists.....	69,880	33.34	69,350	31.95
Optometrists.....	40,640	63.99	133,100	60.38
Pharmacists.....	325,480	62.22	129,410	63.82
Physician assistants.....	140,910	60.23	125,270	60.58
Podiatrists.....	9,320	75.95	157,970	71.50
Therapists.....	712,330	42.69	88,800	40.37
Occupational therapists.....	134,980	44.61	92,800	44.80
Physical therapists.....	229,740	47.10	97,960	46.98
Radiation therapists.....	15,510	47.28	98,340	43.04
Recreational therapists.....	15,920	27.07	56,310	24.68
Respiratory therapists.....	129,910	35.73	74,310	33.91
Speech-language pathologists.....	162,760	43.01	89,460	40.45
Exercise physiologists.....	6,580	26.84	55,820	24.69
Therapists, all other.....	16,920	34.55	71,860	29.23
Veterinarians.....	78,810	62.07	129,110	49.64
Registered nurses.....	3,072,700	42.80	89,010	39.05
Nurse anesthetists.....	46,540	98.93	205,770	97.64
Nurse midwives.....	7,950	58.87	122,450	58.12
Nurse practitioners.....	258,230	59.94	124,680	58.47
Audiologists.....	13,940	43.02	89,490	39.75
Physicians.....	702,910	121.15	251,990	109.22
Anesthesiologists.....	37,430	145.66	302,970	(?)
Cardiologists.....	16,870	202.56	421,330	(?)
Dermatologists.....	11,640	157.53	327,650	(?)
Emergency medicine physicians.....	29,260	152.21	316,600	(?)
Family medicine physicians.....	100,940	107.91	224,460	101.59
General internal medicine physicians.....	67,220	108.30	225,270	103.11

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment and Wage Statistics survey by occupation, May 2022—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Healthcare practitioners and technical occupations (Continued)				
Neurologists.....	11,340	\$122.84	\$255,510	\$107.82
Obstetricians and gynecologists.....	21,450	133.33	277,320	(³)
Pediatricians, general.....	33,430	97.71	203,240	91.51
Physicians, pathologists.....	12,320	121.56	252,850	(³)
Psychiatrists.....	26,500	118.92	247,350	109.08
Radiologists.....	29,250	158.21	329,080	(³)
Physicians, all other.....	305,260	114.76	238,700	107.41
Surgeons.....	58,330	162.49	337,980	(³)
Ophthalmologists, except pediatric.....	12,580	127.62	265,450	105.68
Orthopedic surgeons, except pediatric.....	19,060	178.56	371,400	(³)
Pediatric surgeons.....	780	174.51	362,970	(³)
Surgeons, all other.....	25,910	167.25	347,870	(³)
Miscellaneous healthcare diagnosing or treating practitioners.....	252,580	43.00	89,440	39.40
Acupuncturists.....	7,800	39.61	82,390	34.72
Dental hygienists.....	214,700	40.80	84,860	39.14
Healthcare diagnosing or treating practitioners, all other.....	30,080	59.60	123,960	51.07
Health technologists and technicians.....	2,949,600	25.59	53,230	23.35
Clinical laboratory technologists and technicians.....	333,600	28.43	59,130	27.59
Diagnostic related technologists and technicians.....	411,120	35.91	74,700	35.84
Cardiovascular technologists and technicians.....	55,750	31.49	65,490	30.30
Diagnostic medical sonographers.....	81,080	40.58	84,410	39.11
Nuclear medicine technologists.....	16,910	43.08	89,610	41.01
Radiologic technologists and technicians.....	215,820	33.77	70,240	31.32
Magnetic resonance imaging technologists.....	38,380	39.20	81,530	38.51
Medical dosimetrists.....	3,190	62.06	129,080	62.01
Emergency medical technicians and paramedics.....	263,160	21.63	45,000	18.95
Emergency medical technicians.....	167,720	19.29	40,120	17.64
Paramedics.....	95,440	25.75	53,560	23.60
Health practitioner support technologists and technicians.....	866,480	20.48	42,600	18.64
Dietetic technicians.....	19,690	17.49	36,370	16.33
Pharmacy technicians.....	453,630	19.35	40,260	18.17
Psychiatric technicians.....	100,950	19.60	40,760	17.97
Surgical technologists.....	107,400	27.64	57,500	26.91
Veterinary technologists and technicians.....	118,750	19.60	40,770	18.38
Ophthalmic medical technicians.....	66,060	20.42	42,480	18.68
Licensed practical and licensed vocational nurses.....	632,020	26.86	55,860	26.26
Medical records specialists.....	187,720	24.56	51,090	22.69
Opticians, dispensing.....	73,460	21.58	44,890	19.04
Miscellaneous health technologists and technicians.....	182,030	25.39	52,810	22.08
Orthotists and prosthetists.....	9,150	37.61	78,240	37.05
Hearing aid specialists.....	10,080	30.04	62,480	28.38
Health technologists and technicians, all other.....	162,800	24.42	50,790	21.63
Other healthcare practitioners and technical occupations.....	128,200	31.05	64,580	27.76
Health information technologists and medical registrars.....	35,500	31.38	65,280	28.01
Miscellaneous health practitioners and technical workers.....	92,710	30.92	64,310	27.71
Athletic trainers.....	29,720	(²)	57,810	(²)
Genetic counselors.....	3,220	44.77	93,120	43.26
Surgical assistants.....	18,650	29.42	61,200	27.54
Healthcare practitioners and technical workers, all other.....	41,130	32.78	68,170	28.92
Healthcare support occupations	6,792,310	17.10	35,560	16.16
Home health and personal care aides; and nursing assistants, orderlies, and psychiatric aides.....	4,889,700	15.60	32,440	15.12
Home health and personal care aides.....	3,504,230	14.87	30,930	14.51
Nursing assistants, orderlies, and psychiatric aides.....	1,385,470	17.44	36,270	17.19
Nursing assistants.....	1,310,090	17.41	36,220	17.19
Orderlies.....	44,790	17.34	36,070	16.60
Psychiatric aides.....	30,590	18.57	38,620	17.86
Occupational therapy and physical therapist assistants and aides.....	188,060	27.58	57,370	28.64
Occupational therapy assistants and aides.....	47,520	30.99	64,470	30.51
Occupational therapy assistants.....	43,810	31.86	66,280	30.89
Occupational therapy aides.....	3,710	20.71	43,090	17.82
Physical therapist assistants and aides.....	140,540	26.43	54,980	27.52
Physical therapist assistants.....	97,740	31.01	64,510	30.18
Physical therapist aides.....	42,800	15.97	33,210	15.10
Other healthcare support occupations.....	1,714,550	20.23	42,070	18.66
Massage therapists.....	86,270	27.43	57,060	23.97
Miscellaneous healthcare support occupations.....	1,628,280	19.84	41,280	18.53
Dental assistants.....	363,880	21.50	44,710	21.55
Medical assistants.....	752,460	19.57	40,700	18.40
Medical equipment preparers.....	63,890	21.61	44,940	19.94
Medical transcriptionists.....	48,680	17.83	37,090	16.70
Pharmacy aides.....	43,230	17.24	35,870	15.99
Veterinary assistants and laboratory animal caretakers.....	111,880	16.58	34,490	16.70
Phlebotomists.....	137,090	19.51	40,580	18.53
Healthcare support workers, all other.....	107,170	20.91	43,490	19.43

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment and Wage Statistics survey by occupation, May 2022—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Protective service occupations	3,437,610	\$25.97	\$54,010	\$21.85
Supervisors of protective service workers.....	354,660	39.18	81,500	36.42
First-line supervisors of law enforcement workers.....	187,760	43.61	90,710	40.55
First-line supervisors of correctional officers.....	55,900	33.74	70,190	30.44
First-line supervisors of police and detectives.....	131,860	47.79	99,410	46.29
First-line supervisors of firefighting and prevention workers.....	84,040	40.78	84,810	38.53
Miscellaneous first-line supervisors, protective service workers.....	82,860	27.54	57,280	25.41
First-line supervisors of security workers.....	59,520	26.32	54,750	23.47
First-line supervisors of protective service workers, all other.....	23,340	30.64	63,730	29.34
Firefighting and prevention workers.....	338,250	27.50	57,200	25.36
Firefighters.....	321,450	27.07	56,310	24.85
Fire inspectors.....	16,800	35.66	74,170	31.63
Fire inspectors and investigators.....	14,510	36.98	76,910	33.39
Forest fire inspectors and prevention specialists.....	2,290	27.30	56,780	23.13
Law enforcement workers.....	1,161,080	32.49	67,580	29.66
Bailiffs, correctional officers, and jailers.....	379,720	26.33	54,760	23.85
Bailiffs.....	16,470	26.29	54,680	23.60
Correctional officers and jailers.....	363,250	26.33	54,760	23.85
Detectives and criminal investigators.....	107,400	44.04	91,610	41.48
Fish and game wardens.....	6,530	28.78	59,860	28.61
Parking enforcement workers.....	8,150	21.48	44,670	19.99
Police officers.....	659,270	34.33	71,410	31.64
Police and sheriff's patrol officers.....	655,890	34.32	71,380	31.63
Transit and railroad police.....	3,370	36.72	76,380	33.25
Other protective service workers.....	1,583,620	17.89	37,220	16.66
Animal control workers.....	11,490	21.05	43,780	18.90
Private detectives and investigators.....	32,050	28.56	59,400	25.06
Security guards and gambling surveillance officers.....	1,135,390	17.65	36,720	16.71
Gambling surveillance officers and gambling investigators.....	10,500	18.89	39,290	17.30
Security guards.....	1,124,890	17.64	36,700	16.71
Miscellaneous protective service workers.....	404,680	17.63	36,670	15.80
Crossing guards and flaggers.....	91,270	18.02	37,490	16.05
Lifeguards, ski patrol, and other recreational protective service workers.....	107,930	13.64	28,370	13.11
Transportation security screeners.....	47,550	23.33	48,520	22.94
School bus monitors.....	64,100	14.93	31,040	14.37
Protective service workers, all other.....	93,840	20.80	43,270	17.53
Food preparation and serving related occupations	12,514,620	15.45	32,130	14.25
Supervisors of food preparation and serving workers.....	1,329,810	20.83	43,330	18.24
Supervisors of food preparation and serving workers.....	1,329,810	20.83	43,330	18.24
Chefs and head cooks.....	160,190	28.95	60,210	27.17
First-line supervisors of food preparation and serving workers.....	1,169,620	19.72	41,020	17.81
Cooks and food preparation workers.....	3,521,670	15.26	31,730	14.71
Cooks.....	2,617,340	15.42	32,080	14.86
Cooks, fast food.....	725,590	13.43	27,920	13.29
Cooks, institution and cafeteria.....	417,780	16.19	33,670	15.63
Cooks, private household.....	610	21.88	45,510	18.54
Cooks, restaurant.....	1,321,480	16.32	33,940	16.40
Cooks, short order.....	133,290	14.80	30,770	14.60
Cooks, all other.....	18,590	16.88	35,120	16.06
Food preparation workers.....	904,330	14.77	30,720	14.32
Food and beverage serving workers.....	6,309,200	14.69	30,540	13.67
Bartenders.....	613,070	16.58	34,490	14.12
Fast food and counter workers.....	3,325,050	13.53	28,130	13.43
Waiters and waitresses.....	2,122,210	15.87	33,020	14.00
Food servers, nonrestaurant.....	248,870	15.36	31,940	14.57
Other food preparation and serving related workers.....	1,353,950	14.23	29,600	13.82
Dining room and cafeteria attendants and bartender helpers.....	439,770	14.56	30,290	14.00
Dishwashers.....	431,840	14.21	29,560	13.98
Hosts and hostesses, restaurant, lounge, and coffee shop.....	400,420	13.64	28,380	13.33
Food preparation and serving related workers, all other.....	81,930	15.38	31,990	14.83
Building and grounds cleaning and maintenance occupations	4,316,350	17.26	35,900	16.28
Supervisors of building and grounds cleaning and maintenance workers.....	288,670	24.51	50,980	22.71
First-line supervisors of building and grounds cleaning and maintenance workers.....	288,670	24.51	50,980	22.71
First-line supervisors of housekeeping and janitorial workers.....	165,750	22.80	47,430	21.36
First-line supervisors of landscaping, lawn service, and groundskeeping workers.....	122,910	26.81	55,770	24.43
Building cleaning and pest control workers.....	3,026,520	16.22	33,730	15.19
Building cleaning workers.....	2,935,360	16.09	33,470	15.07
Janitors and cleaners, except maids and housekeeping cleaners.....	2,148,350	16.33	33,960	15.38
Maids and housekeeping cleaners.....	771,390	15.35	31,920	14.40
Building cleaning workers, all other.....	15,630	19.89	41,360	17.88
Pest control workers.....	91,160	20.29	42,210	18.42
Grounds maintenance workers.....	1,001,160	18.32	38,100	17.39
Grounds maintenance workers.....	1,001,160	18.32	38,100	17.39
Landscaping and groundskeeping workers.....	914,230	17.92	37,270	17.26
Pesticide handlers, sprayers, and applicators, vegetation.....	22,740	20.46	42,560	19.93

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment and Wage Statistics survey by occupation, May 2022—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Building and grounds cleaning and maintenance occupations (Continued)				
Tree trimmers and pruners.....	48,150	\$23.95	\$49,820	\$22.64
Grounds maintenance workers, all other.....	16,050	21.03	43,750	19.00
Personal care and service occupations				
	2,835,650	17.41	36,210	15.07
Supervisors of personal care and service workers.....	205,440	23.46	48,790	21.80
First-line supervisors of entertainment and recreation workers.....	100,950	24.19	50,310	22.47
First-line supervisors of gambling services workers.....	21,900	27.11	56,400	27.06
First-line supervisors of entertainment and recreation workers, except gambling services.....	79,060	23.38	48,630	21.47
First-line supervisors of personal service workers.....	104,480	22.75	47,330	21.00
Animal care and service workers.....	274,380	15.76	32,780	14.32
Animal trainers.....	17,710	20.11	41,820	17.13
Animal caretakers.....	256,670	15.46	32,160	14.20
Entertainment attendants and related workers.....	539,090	14.34	29,830	13.49
Gambling services workers.....	91,460	16.43	34,170	14.00
Gambling dealers.....	71,290	16.51	34,350	14.00
Gambling and sports book writers and runners.....	7,910	15.53	32,310	13.91
Gambling service workers, all other.....	12,260	16.51	34,340	14.59
Motion picture projectionists.....	1,900	17.17	35,710	16.04
Ushers, lobby attendants, and ticket takers.....	98,350	13.80	28,700	13.29
Miscellaneous entertainment attendants and related workers.....	347,380	13.93	28,980	13.43
Amusement and recreation attendants.....	324,580	13.63	28,350	13.36
Costume attendants.....	5,730	26.48	55,070	23.30
Locker room, coatroom, and dressing room attendants.....	12,130	15.66	32,560	14.53
Entertainment attendants and related workers, all other.....	4,930	14.81	30,810	13.11
Funeral service workers.....	63,770	21.64	45,010	17.94
Embalmers and crematory operators.....	6,880	23.77	49,440	22.25
Embalmers.....	3,950	26.02	54,120	23.99
Crematory operators.....	2,930	20.73	43,120	19.40
Funeral attendants.....	32,950	16.51	34,340	14.98
Morticians, undertakers, and funeral arrangers.....	23,940	28.09	58,430	24.79
Personal appearance workers.....	521,210	18.61	38,720	16.00
Barbers, hairdressers, hairstylists and cosmetologists.....	310,750	18.72	38,930	16.06
Barbers.....	12,690	18.92	39,350	16.82
Hairdressers, hairstylists, and cosmetologists.....	298,050	18.71	38,910	16.01
Miscellaneous personal appearance workers.....	210,460	18.46	38,400	15.87
Makeup artists, theatrical and performance.....	2,970	45.12	93,850	46.33
Manicurists and pedicurists.....	138,020	16.14	33,560	14.97
Shampooers.....	7,480	13.40	27,870	13.40
Skincare specialists.....	61,990	22.98	47,790	18.30
Baggage porters, bellhops, and concierges.....	64,120	17.38	36,140	16.29
Baggage porters, bellhops, and concierges.....	64,120	17.38	36,140	16.29
Baggage porters and bellhops.....	26,520	15.93	33,130	15.15
Concierges.....	37,600	18.40	38,270	17.10
Tour and travel guides.....	41,180	18.17	37,790	16.56
Tour and travel guides.....	41,180	18.17	37,790	16.56
Other personal care and service workers.....	1,126,460	17.35	36,080	15.18
Childcare workers.....	459,460	14.22	29,570	13.71
Recreation and fitness workers.....	520,920	20.13	41,870	16.91
Exercise trainers and group fitness instructors.....	250,540	24.12	50,170	21.82
Recreation workers.....	270,380	16.43	34,170	15.23
Residential advisors.....	86,770	18.04	37,530	17.17
Personal care and service workers, all other.....	59,310	16.14	33,580	16.67
Sales and related occupations				
	13,183,250	24.22	50,370	16.96
Supervisors of sales workers.....	1,334,680	28.10	58,450	22.98
First-line supervisors of sales workers.....	1,334,680	28.10	58,450	22.98
First-line supervisors of retail sales workers.....	1,097,160	24.10	50,130	21.75
First-line supervisors of non-retail sales workers.....	237,520	46.58	96,890	39.83
Retail sales workers.....	7,584,940	15.62	32,500	14.26
Cashiers.....	3,314,840	13.83	28,760	13.58
Cashiers.....	3,296,040	13.81	28,730	13.58
Gambling change persons and booth cashiers.....	18,800	15.84	32,950	14.43
Counter and rental clerks and parts salespersons.....	630,050	18.89	39,290	17.22
Counter and rental clerks.....	370,770	18.90	39,320	17.23
Parts salespersons.....	259,280	18.87	39,250	17.21
Retail salespersons.....	3,640,040	16.70	34,730	14.71
Sales representatives, services.....	2,124,250	39.05	81,230	29.42
Advertising sales agents.....	106,560	35.22	73,260	28.10
Insurance sales agents.....	445,540	37.00	76,950	27.82
Securities, commodities, and financial services sales agents.....	443,220	48.43	100,740	32.44
Travel agents.....	53,180	23.20	48,250	22.31
Sales representatives of services, except advertising, insurance, financial services, and travel.....	1,075,750	37.21	77,390	30.00
Sales representatives, wholesale and manufacturing.....	1,564,230	39.92	83,030	32.57
Sales representatives, wholesale and manufacturing.....	1,564,230	39.92	83,030	32.57
Sales representatives, wholesale and manufacturing, technical and scientific products.....	290,830	52.86	109,950	46.97
Sales representatives, wholesale and manufacturing, except technical and scientific products.....	1,273,400	36.96	76,890	30.40
Other sales and related workers.....	575,150	31.00	64,480	22.10

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment and Wage Statistics survey by occupation, May 2022—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Sales and related occupations (Continued)				
Models, demonstrators, and product promoters.....	45,480	\$19.34	\$40,230	\$16.75
Demonstrators and product promoters.....	43,410	18.50	38,470	16.71
Models.....	2,070	37.17	77,310	20.73
Real estate brokers and sales agents.....	245,320	34.23	71,200	25.02
Real estate brokers.....	52,310	43.72	90,930	29.90
Real estate sales agents.....	193,010	31.66	65,850	24.03
Sales engineers.....	59,700	60.32	125,460	52.18
Telemarketers.....	96,520	16.15	33,600	14.92
Miscellaneous sales and related workers.....	128,130	26.48	55,080	20.30
Door-to-door sales workers, news and street vendors, and related workers.....	8,640	17.44	36,280	14.95
Sales and related workers, all other.....	119,490	27.13	56,440	21.21
Office and administrative support occupations				
Supervisors of office and administrative support workers.....	18,674,770	21.90	45,550	19.67
First-line supervisors of office and administrative support workers.....	1,495,440	31.49	65,510	29.51
First-line supervisors of office and administrative support workers.....	1,495,440	31.49	65,510	29.51
Communications equipment operators.....	52,700	18.21	37,870	16.84
Switchboard operators, including answering service.....	47,430	17.90	37,230	16.67
Telephone operators.....	4,030	19.99	41,590	18.43
Communications equipment operators, all other.....	1,240	24.11	50,140	22.20
Financial clerks.....	2,824,120	21.92	45,600	21.00
Bill and account collectors.....	202,840	20.59	42,820	18.98
Billing and posting clerks.....	441,980	21.54	44,800	20.58
Bookkeeping, accounting, and auditing clerks.....	1,550,750	22.81	47,440	22.05
Gambling cage workers.....	11,730	16.04	33,370	15.25
Payroll and timekeeping clerks.....	159,190	25.14	52,300	23.86
Procurement clerks.....	63,340	22.38	46,560	21.75
Tellers.....	352,440	17.69	36,800	17.49
Financial clerks, all other.....	41,850	23.90	49,710	22.66
Information and record clerks.....	5,615,960	19.47	40,500	18.00
Brokerage clerks.....	42,700	28.46	59,200	26.29
Correspondence clerks.....	4,970	20.46	42,560	18.61
Court, municipal, and license clerks.....	159,760	22.25	46,280	21.22
Credit authorizers, checkers, and clerks.....	16,290	22.20	46,180	21.55
Customer service representatives.....	2,879,840	19.80	41,190	18.16
Eligibility interviewers, government programs.....	149,760	24.05	50,020	23.67
File clerks.....	87,250	19.02	39,560	17.93
Hotel, motel, and resort desk clerks.....	243,180	14.57	30,300	13.90
Interviewers, except eligibility and loan.....	168,680	19.78	41,140	18.61
Library assistants, clerical.....	77,660	16.34	33,980	14.98
Loan interviewers and clerks.....	242,630	22.47	46,740	22.35
New accounts clerks.....	45,170	20.62	42,880	19.63
Order clerks.....	113,500	19.49	40,540	18.30
Human resources assistants, except payroll and timekeeping.....	103,680	22.55	46,900	22.08
Receptionists and information clerks.....	1,011,170	16.64	34,600	16.33
Reservation and transportation ticket agents and travel clerks.....	119,130	21.84	45,440	18.83
Information and record clerks, all other.....	150,590	22.07	45,910	21.50
Material recording, scheduling, dispatching, and distributing workers.....	2,306,600	22.97	47,770	21.43
Cargo and freight agents.....	93,480	23.91	49,740	22.53
Couriers and messengers.....	75,800	17.43	36,250	16.96
Dispatchers.....	302,110	23.40	48,670	21.90
Public safety telecommunicators.....	95,730	23.74	49,370	22.55
Dispatchers, except police, fire, and ambulance.....	206,370	23.25	48,350	21.55
Meter readers, utilities.....	20,460	23.94	49,800	21.52
Postal service workers.....	523,980	26.69	55,520	25.81
Postal service clerks.....	77,690	27.11	56,400	27.02
Postal service mail carriers.....	326,760	27.04	56,240	26.08
Postal service mail sorters, processors, and processing machine operators.....	119,530	25.48	52,990	23.62
Production, planning, and expediting clerks.....	389,920	26.48	55,080	24.34
Shipping, receiving, and inventory clerks.....	848,240	19.45	40,450	18.15
Weighers, measurers, checkers, and samplers, recordkeeping.....	52,610	19.94	41,470	19.21
Secretaries and administrative assistants.....	3,144,510	22.92	47,670	21.19
Secretaries and administrative assistants.....	3,144,510	22.92	47,670	21.19
Executive secretaries and executive administrative assistants.....	475,240	34.16	71,060	31.72
Legal secretaries and administrative assistants.....	159,940	26.05	54,180	23.45
Medical secretaries and administrative assistants.....	682,630	19.84	41,260	18.51
Secretaries and administrative assistants, except legal, medical, and executive.....	1,826,710	20.87	43,410	19.71
Other office and administrative support workers.....	3,235,430	19.98	41,550	18.41
Data entry and information processing workers.....	199,370	18.97	39,450	17.92
Data entry keyers.....	157,380	18.26	37,970	17.40
Word processors and typists.....	41,990	21.63	44,990	21.31
Desktop publishers.....	6,560	25.67	53,390	23.04
Insurance claims and policy processing clerks.....	227,580	23.00	47,840	22.15
Mail clerks and mail machine operators, except postal service.....	67,750	17.41	36,210	16.86
Office clerks, general.....	2,517,350	19.78	41,140	18.29
Office machine operators, except computer.....	30,410	18.41	38,300	17.65
Proofreaders and copy markers.....	5,120	23.45	48,770	21.83

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment and Wage Statistics survey by occupation, May 2022—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Office and administrative support occupations (Continued)				
Statistical assistants.....	6,710	\$26.26	\$54,630	\$23.50
Office and administrative support workers, all other.....	174,590	20.75	43,150	18.59
Farming, fishing, and forestry occupations				
	461,750	18.21	37,870	16.33
Supervisors of farming, fishing, and forestry workers.....	27,670	28.28	58,820	26.20
First-line supervisors of farming, fishing, and forestry workers.....	27,670	28.28	58,820	26.20
Agricultural workers.....	390,500	17.04	35,440	16.06
Agricultural inspectors.....	14,000	23.57	49,020	21.50
Animal breeders.....	1,270	23.39	48,650	21.79
Graders and sorters, agricultural products.....	23,280	15.86	32,990	15.65
Miscellaneous agricultural workers.....	351,950	16.84	35,020	16.00
Agricultural equipment operators.....	28,830	19.11	39,750	18.16
Farmworkers and laborers, crop, nursery, and greenhouse.....	284,000	16.49	34,300	15.87
Farmworkers, farm, ranch, and aquacultural animals.....	33,020	17.45	36,290	16.42
Agricultural workers, all other.....	6,100	18.84	39,180	17.17
Forest, conservation, and logging workers.....	42,830	22.22	46,210	21.66
Forest and conservation workers.....	6,080	17.31	36,010	15.51
Logging workers.....	36,750	23.03	47,900	22.40
Fallers.....	4,530	27.95	58,130	23.64
Logging equipment operators.....	24,780	22.39	46,570	22.31
Log graders and scalers.....	3,950	21.43	44,570	20.37
Logging workers, all other.....	3,490	23.01	47,850	22.65
Construction and extraction occupations				
	6,075,520	28.08	58,400	24.31
Supervisors of construction and extraction workers.....	720,900	37.33	77,650	35.62
First-line supervisors of construction trades and extraction workers.....	720,900	37.33	77,650	35.62
Construction trades workers.....	4,509,820	27.17	56,510	23.72
Boilermakers.....	13,570	33.55	69,780	32.17
Brickmasons, blockmasons, and stonemasons.....	65,750	29.52	61,400	28.03
Brickmasons and blockmasons.....	55,530	29.99	62,380	28.37
Stonemasons.....	10,220	26.97	56,100	24.14
Carpenters.....	689,770	27.99	58,210	24.71
Carpet, floor, and tile installers and finishers.....	83,150	25.43	52,880	23.03
Carpet installers.....	17,400	23.81	49,520	21.75
Floor layers, except carpet, wood, and hard tiles.....	20,710	26.38	54,870	23.50
Floor sanders and finishers.....	4,270	23.72	49,330	22.14
Tile and stone setters.....	40,760	25.81	53,680	23.24
Cement masons, concrete finishers, and terrazzo workers.....	198,190	25.94	53,950	23.24
Cement masons and concrete finishers.....	196,730	25.91	53,890	23.22
Terrazzo workers and finishers.....	1,460	29.66	61,680	25.16
Construction laborers.....	1,012,780	22.29	46,350	19.59
Construction equipment operators.....	467,800	28.32	58,910	24.54
Paving, surfacing, and tamping equipment operators.....	41,470	25.35	52,730	22.73
Pile driver operators.....	3,290	33.76	70,220	30.92
Operating engineers and other construction equipment operators.....	423,040	28.57	59,420	24.73
Drywall installers, ceiling tile installers, and tapers.....	105,880	28.35	58,960	24.60
Drywall and ceiling tile installers.....	91,590	27.83	57,880	24.25
Tapers.....	14,290	31.67	65,880	29.98
Electricians.....	690,050	31.39	65,280	28.96
Glaziers.....	51,630	26.52	55,160	23.42
Insulation workers.....	58,790	25.64	53,330	23.07
Insulation workers, floor, ceiling, and wall.....	33,130	23.49	48,870	21.82
Insulation workers, mechanical.....	25,660	28.42	59,100	24.32
Painters and paperhangers.....	217,890	23.73	49,350	22.16
Painters, construction and maintenance.....	215,680	23.73	49,350	22.16
Paperhangers.....	2,220	23.57	49,030	21.60
Pipelayers, plumbers, pipefitters, and steamfitters.....	463,990	30.82	64,110	28.52
Pipelayers.....	36,070	24.63	51,230	22.11
Plumbers, pipefitters, and steamfitters.....	427,920	31.34	65,190	28.89
Plasterers and stucco masons.....	25,950	26.75	55,650	23.91
Reinforcing iron and rebar workers.....	17,270	27.78	57,780	24.55
Roofers.....	131,980	24.96	51,910	23.04
Sheet metal workers.....	120,810	29.47	61,300	26.61
Structural iron and steel workers.....	66,810	31.15	64,800	29.09
Solar photovoltaic installers.....	27,760	23.06	47,970	21.75
Helpers, construction trades.....	202,410	18.90	39,320	17.87
Helpers, construction trades.....	202,410	18.90	39,320	17.87
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters.....	17,730	21.27	44,230	18.96
Helpers--carpenters.....	24,580	18.69	38,880	18.03
Helpers--electricians.....	71,000	18.67	38,840	17.82
Helpers--painters, paperhangers, plasterers, and stucco masons.....	8,630	18.29	38,040	17.35
Helpers--pipelayers, plumbers, pipefitters, and steamfitters.....	46,760	18.07	37,590	17.47
Helpers--roofers.....	5,790	19.65	40,880	17.80
Helpers, construction trades, all other.....	27,920	19.61	40,790	18.18
Other construction and related workers.....	446,630	27.40	56,990	23.88
Construction and building inspectors.....	128,950	33.72	70,130	31.00

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment and Wage Statistics survey by occupation, May 2022—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Construction and extraction occupations (Continued)				
Elevator and escalator installers and repairers.....	24,380	\$45.17	\$93,960	\$47.60
Fence erectors.....	27,060	21.05	43,780	19.16
Hazardous materials removal workers.....	46,780	24.82	51,620	22.45
Highway maintenance workers.....	143,330	22.02	45,790	21.60
Rail-track laying and maintenance equipment operators.....	18,600	30.69	63,840	30.40
Septic tank servicers and sewer pipe cleaners.....	27,660	22.87	47,580	21.93
Miscellaneous construction and related workers.....	29,880	23.37	48,620	21.58
Extraction workers.....	195,750	25.89	53,850	23.72
Derrick, rotary drill, and service unit operators, oil and gas.....	59,460	27.51	57,210	24.54
Derrick operators, oil and gas.....	10,950	25.85	53,770	24.62
Rotary drill operators, oil and gas.....	12,190	29.06	60,450	26.57
Service unit operators, oil and gas.....	36,320	27.49	57,170	24.11
Surface mining machine operators and earth drillers.....	52,680	26.37	54,850	23.84
Excavating and loading machine and dragline operators, surface mining.....	33,670	25.72	53,490	23.24
Earth drillers, except oil and gas.....	19,010	27.52	57,250	24.88
Explosives workers, ordnance handling experts, and blasters.....	4,710	29.60	61,560	27.24
Underground mining machine operators.....	22,680	28.53	59,340	29.17
Continuous mining machine operators.....	13,500	27.46	57,120	27.58
Roof bolters, mining.....	1,700	30.77	63,990	28.95
Loading and moving machine operators, underground mining.....	5,210	30.01	62,420	30.73
Underground mining machine operators, all other.....	2,270	29.81	61,990	30.86
Rock splitters, quarry.....	3,910	22.60	47,010	22.12
Roustabouts, oil and gas.....	39,100	21.99	45,750	20.96
Helpers--extraction workers.....	6,910	21.35	44,410	20.73
Extraction workers, all other.....	6,290	25.59	53,220	24.81
Installation, maintenance, and repair occupations	5,823,400	26.77	55,680	24.08
Supervisors of installation, maintenance, and repair workers.....	559,050	36.55	76,020	35.16
First-line supervisors of mechanics, installers, and repairers.....	559,050	36.55	76,020	35.16
Electrical and electronic equipment mechanics, installers, and repairers.....	496,220	28.61	59,500	27.38
Computer, automated teller, and office machine repairers.....	81,440	22.66	47,120	21.59
Radio and telecommunications equipment installers and repairers.....	181,200	29.68	61,730	28.82
Radio, cellular, and tower equipment installers and repairers.....	13,020	30.08	62,570	28.71
Telecommunications equipment installers and repairers, except line installers.....	168,180	29.65	61,670	28.83
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers.....	233,590	29.85	62,090	28.50
Avionics technicians.....	20,200	35.93	74,730	36.27
Electric motor, power tool, and related repairers.....	15,390	24.76	51,500	23.20
Electrical and electronics installers and repairers, transportation equipment.....	8,530	34.49	71,740	35.40
Electrical and electronics repairers, commercial and industrial equipment.....	51,650	32.05	66,650	30.78
Electrical and electronics repairers, powerhouse, substation, and relay.....	25,440	42.68	88,770	45.06
Electronic equipment installers and repairers, motor vehicles.....	9,450	21.98	45,720	20.00
Audiovisual equipment installers and repairers.....	22,200	23.29	48,450	21.61
Security and fire alarm systems installers.....	80,720	26.10	54,280	24.10
Vehicle and mobile equipment mechanics, installers, and repairers.....	1,645,580	25.36	52,750	23.38
Aircraft mechanics and service technicians.....	134,070	34.92	72,640	33.66
Automotive technicians and repairers.....	820,200	24.12	50,170	22.61
Automotive body and related repairers.....	138,760	25.59	53,220	22.92
Automotive glass installers and repairers.....	17,370	21.11	43,900	21.01
Automotive service technicians and mechanics.....	664,070	23.89	49,690	22.58
Bus and truck mechanics and diesel engine specialists.....	271,720	26.99	56,140	26.14
Heavy vehicle and mobile equipment service technicians and mechanics.....	213,460	27.98	58,190	28.06
Farm equipment mechanics and service technicians.....	35,280	24.00	49,930	23.08
Mobile heavy equipment mechanics, except engines.....	158,350	28.64	59,560	28.58
Rail car repairers.....	19,830	29.79	61,960	30.05
Small engine mechanics.....	75,190	21.90	45,560	21.19
Motorboat mechanics and service technicians.....	24,920	24.17	50,280	23.21
Motorcycle mechanics.....	14,700	21.51	44,740	20.85
Outdoor power equipment and other small engine mechanics.....	35,570	20.48	42,590	19.25
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers.....	130,940	17.68	36,780	16.95
Bicycle repairers.....	13,760	17.68	36,770	17.43
Recreational vehicle service technicians.....	17,190	22.75	47,320	21.65
Tire repairers and changers.....	99,980	16.81	34,970	16.46
Other installation, maintenance, and repair occupations.....	3,122,550	25.46	52,970	23.25
Control and valve installers and repairers.....	73,740	29.63	61,620	26.82
Mechanical door repairers.....	27,330	23.27	48,400	22.60
Control and valve installers and repairers, except mechanical door.....	46,410	33.37	69,410	31.16
Heating, air conditioning, and refrigeration mechanics and installers.....	374,770	27.63	57,460	24.71
Home appliance repairers.....	29,370	22.84	47,500	22.12
Industrial machinery installation, repair, and maintenance workers.....	490,410	29.03	60,390	28.59
Industrial machinery mechanics.....	386,120	29.32	60,990	28.76
Maintenance workers, machinery.....	62,770	26.88	55,910	25.63
Millwrights.....	40,930	29.69	61,750	29.29
Refractory materials repairers, except brickmasons.....	580	24.52	51,010	24.30
Line installers and repairers.....	227,190	35.58	74,010	36.17
Electrical power-line installers and repairers.....	119,510	39.79	82,770	39.59
Telecommunications line installers and repairers.....	107,670	30.90	64,280	29.13

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment and Wage Statistics survey by occupation, May 2022—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Installation, maintenance, and repair occupations (Continued)				
Precision instrument and equipment repairers.....	79,970	\$28.51	\$59,300	\$26.96
Camera and photographic equipment repairers.....	2,120	22.53	46,870	21.18
Medical equipment repairers.....	58,830	29.30	60,950	27.82
Musical instrument repairers and tuners.....	6,330	20.73	43,120	18.34
Watch and clock repairers.....	1,880	23.84	49,580	23.25
Precision instrument and equipment repairers, all other.....	10,810	30.76	63,970	29.66
Maintenance and repair workers, general.....	1,485,990	22.66	47,130	21.62
Wind turbine service technicians.....	9,830	28.79	59,880	27.56
Miscellaneous installation, maintenance, and repair workers.....	351,290	22.07	45,910	19.60
Coin, vending, and amusement machine servicers and repairers.....	35,790	20.43	42,500	19.08
Commercial divers.....	3,860	41.17	85,630	32.84
Locksmiths and safe repairers.....	15,240	24.14	50,210	22.79
Manufactured building and mobile home installers.....	3,630	18.28	38,020	17.70
Riggers.....	19,260	28.22	58,700	26.29
Signal and track switch repairers.....	6,880	37.20	77,370	39.09
Helpers--installation, maintenance, and repair workers.....	93,650	17.67	36,750	16.88
Installation, maintenance, and repair workers, all other.....	172,980	22.98	47,800	21.39
	8,738,980	21.81	45,370	19.19
Production occupations				
Supervisors of production workers.....	659,930	33.22	69,100	30.53
First-line supervisors of production and operating workers.....	659,930	33.22	69,100	30.53
Assemblers and fabricators.....	1,903,910	19.92	41,420	18.24
Aircraft structure, surfaces, rigging, and systems assemblers.....	32,140	28.90	60,110	28.09
Electrical, electronics, and electromechanical assemblers.....	286,380	20.14	41,890	18.58
Coil winders, tapers, and finishers.....	10,860	21.56	44,850	20.75
Electrical, electronic, and electromechanical assemblers, except coil winders, tapers, and finishers.....	275,510	20.08	41,770	18.55
Engine and other machine assemblers.....	50,120	24.99	51,980	24.45
Structural metal fabricators and fitters.....	58,870	23.50	48,870	22.69
Fiberglass laminators and fabricators.....	21,910	19.85	41,280	18.32
Timing device assemblers and adjusters.....	370	22.35	46,480	20.33
Miscellaneous assemblers and fabricators.....	1,454,130	19.35	40,250	17.93
Food processing workers.....	807,880	17.45	36,300	16.98
Bakers.....	205,300	16.41	34,140	15.76
Butchers and other meat, poultry, and fish processing workers.....	341,520	17.42	36,230	17.25
Butchers and meat cutters.....	129,400	18.36	38,200	17.76
Meat, poultry, and fish cutters and trimmers.....	133,460	16.87	35,090	16.86
Slaughterers and meat packers.....	78,660	16.79	34,920	16.94
Miscellaneous food processing workers.....	261,060	18.31	38,090	17.40
Food and tobacco roasting, baking, and drying machine operators and tenders.....	20,010	19.12	39,770	18.17
Food batchmakers.....	166,520	18.61	38,710	17.59
Food cooking machine operators and tenders.....	26,740	18.15	37,760	17.64
Food processing workers, all other.....	47,790	17.04	35,430	16.69
Metal workers and plastic workers.....	1,644,250	22.61	47,020	21.67
Forming machine setters, operators, and tenders, metal and plastic.....	102,040	21.43	44,580	20.45
Extruding and drawing machine setters, operators, and tenders, metal and plastic.....	63,490	20.47	42,580	19.22
Forging machine setters, operators, and tenders, metal and plastic.....	10,650	22.57	46,940	22.37
Rolling machine setters, operators, and tenders, metal and plastic.....	27,900	23.20	48,250	22.26
Machine tool cutting setters, operators, and tenders, metal and plastic.....	297,630	20.67	42,990	19.18
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic.....	182,460	20.31	42,240	18.91
Drilling and boring machine tool setters, operators, and tenders, metal and plastic.....	6,470	21.81	45,350	20.41
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic.....	73,800	20.21	42,050	18.71
Lathe and turning machine tool setters, operators, and tenders, metal and plastic.....	19,410	22.99	47,820	22.61
Milling and planing machine setters, operators, and tenders, metal and plastic.....	15,480	23.65	49,200	22.53
Machinists.....	316,860	24.72	51,430	23.32
Metal furnace operators, tenders, pourers, and casters.....	25,390	24.91	51,810	23.61
Metal-refining furnace operators and tenders.....	19,320	25.70	53,450	24.18
Pourers and casters, metal.....	6,070	22.41	46,600	21.67
Model makers and patternmakers, metal and plastic.....	5,580	28.04	58,320	27.00
Model makers, metal and plastic.....	3,350	28.95	60,220	27.70
Patternmakers, metal and plastic.....	2,230	26.67	55,470	26.43
Molders and molding machine setters, operators, and tenders, metal and plastic.....	177,150	19.15	39,830	17.87
Foundry mold and coremakers.....	11,330	20.19	42,000	19.29
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic.....	165,820	19.08	39,690	17.81
Multiple machine tool setters, operators, and tenders, metal and plastic.....	137,060	20.21	42,040	18.85
Tool and die makers.....	61,730	28.55	59,390	28.75
Welding, soldering, and brazing workers.....	439,930	24.11	50,160	22.80
Welders, cutters, solderers, and brazers.....	408,990	24.26	50,460	22.86
Welding, soldering, and brazing machine setters, operators, and tenders.....	30,940	22.17	46,110	21.60
Miscellaneous metal workers and plastic workers.....	80,870	20.73	43,110	19.00
Heat treating equipment setters, operators, and tenders, metal and plastic.....	15,600	21.01	43,700	19.66
Layout workers, metal and plastic.....	6,890	27.00	56,170	28.01
Plating machine setters, operators, and tenders, metal and plastic.....	32,050	19.37	40,290	18.22
Tool grinders, filers, and sharpeners.....	5,320	22.14	46,040	20.16
Metal workers and plastic workers, all other.....	21,030	20.18	41,960	18.43

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment and Wage Statistics survey by occupation, May 2022—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Production occupations (Continued)				
Printing workers.....	214,280	\$20.33	\$42,280	\$18.70
Printing workers.....	214,280	20.33	42,280	18.70
Prepress technicians and workers.....	25,250	21.58	44,880	20.94
Printing press operators.....	150,010	20.55	42,730	18.92
Print binding and finishing workers.....	39,030	18.68	38,850	17.77
Textile, apparel, and furnishings workers.....	468,590	15.95	33,170	15.00
Laundry and dry-cleaning workers.....	175,730	14.26	29,660	13.97
Pressers, textile, garment, and related materials.....	28,570	14.73	30,650	14.27
Sewing machine operators.....	116,750	15.93	33,130	15.26
Shoe and leather workers.....	11,820	16.58	34,490	15.76
Shoe and leather workers and repairers.....	8,860	16.64	34,600	15.61
Shoe machine operators and tenders.....	2,960	16.42	34,160	15.89
Tailors, dressmakers, and sewers.....	20,320	17.59	36,590	16.27
Sewers, hand.....	3,440	16.08	33,440	15.16
Tailors, dressmakers, and custom sewers.....	16,870	17.90	37,230	16.48
Textile machine setters, operators, and tenders.....	58,070	16.79	34,910	16.43
Textile bleaching and dyeing machine operators and tenders.....	6,640	16.30	33,900	15.71
Textile cutting machine setters, operators, and tenders.....	10,700	16.81	34,970	16.55
Textile knitting and weaving machine setters, operators, and tenders.....	16,900	17.17	35,710	17.19
Textile winding, twisting, and drawing out machine setters, operators, and tenders.....	23,830	16.64	34,610	16.21
Miscellaneous textile, apparel, and furnishings workers.....	57,330	20.21	42,030	18.49
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers.....	14,460	20.56	42,770	19.16
Fabric and apparel patternmakers.....	3,070	32.13	66,820	29.00
Upholsterers.....	26,990	20.14	41,900	19.04
Textile, apparel, and furnishings workers, all other.....	12,810	17.08	35,520	15.69
Woodworkers.....	231,230	19.11	39,750	18.04
Cabinetmakers and bench carpenters.....	95,980	20.25	42,120	18.66
Furniture finishers.....	14,990	19.17	39,880	18.25
Model makers and patternmakers, wood.....	1,050	24.32	50,580	22.17
Model makers, wood.....	720	25.39	52,820	22.57
Patternmakers, wood.....	330	21.98	45,720	21.29
Woodworking machine setters, operators, and tenders.....	110,080	18.17	37,800	17.59
Sawing machine setters, operators, and tenders, wood.....	46,400	18.00	37,450	17.44
Woodworking machine setters, operators, and tenders, except sawing.....	63,680	18.30	38,060	17.71
Woodworkers, all other.....	9,120	17.73	36,870	17.01
Plant and system operators.....	276,970	33.85	70,400	31.25
Power plant operators, distributors, and dispatchers.....	46,420	45.59	94,820	46.91
Nuclear power reactor operators.....	5,450	56.50	117,510	55.71
Power distributors and dispatchers.....	9,380	48.73	101,360	48.87
Power plant operators.....	31,590	42.77	88,960	44.74
Stationary engineers and boiler operators.....	31,470	34.89	72,570	32.27
Water and wastewater treatment plant and system operators.....	119,350	26.78	55,690	24.81
Miscellaneous plant and system operators.....	79,730	37.18	77,340	38.08
Chemical plant and system operators.....	18,710	38.12	79,290	39.75
Gas plant operators.....	14,290	37.71	78,430	38.20
Petroleum pump system operators, refinery operators, and gaugers.....	31,360	40.45	84,140	40.91
Plant and system operators, all other.....	15,370	28.88	60,070	27.63
Other production occupations.....	2,531,940	21.28	44,260	19.21
Chemical processing machine setters, operators, and tenders.....	167,840	25.28	52,580	23.20
Chemical equipment operators and tenders.....	115,370	26.06	54,210	23.72
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders.....	52,470	23.55	48,980	22.24
Crushing, grinding, polishing, mixing, and blending workers.....	150,410	21.46	44,630	20.25
Crushing, grinding, and polishing machine setters, operators, and tenders.....	27,320	21.79	45,310	20.81
Grinding and polishing workers, hand.....	14,190	18.64	38,770	17.77
Mixing and blending machine setters, operators, and tenders.....	108,900	21.74	45,220	20.87
Cutting workers.....	62,350	19.92	41,430	18.95
Cutters and trimmers, hand.....	8,250	18.19	37,830	17.37
Cutting and slicing machine setters, operators, and tenders.....	54,110	20.18	41,980	19.17
Extruding, forming, pressing, and compacting machine setters, operators, and tenders.....	58,740	20.17	41,940	18.98
Furnace, kiln, oven, drier, and kettle operators and tenders.....	15,030	22.20	46,180	21.41
Inspectors, testers, sorters, samplers, and weighers.....	579,740	22.74	47,290	21.11
Jewelers and precious stone and metal workers.....	26,280	24.29	50,530	22.66
Dental and ophthalmic laboratory technicians and medical appliance technicians.....	69,220	22.23	46,240	19.80
Dental laboratory technicians.....	33,330	24.01	49,930	22.14
Medical appliance technicians.....	15,680	22.23	46,240	20.27
Ophthalmic laboratory technicians.....	20,200	19.30	40,140	17.70
Packaging and filling machine operators and tenders.....	369,330	18.78	39,060	17.67
Painting workers.....	164,100	22.16	46,100	20.85
Painting, coating, and decorating workers.....	11,990	20.08	41,770	18.40
Coating, painting, and spraying machine setters, operators, and tenders.....	152,120	22.33	46,440	21.14
Semiconductor processing technicians.....	23,860	23.25	48,370	21.49
Photographic process workers and processing machine operators.....	5,380	20.55	42,750	17.44
Computer numerically controlled tool operators and programmers.....	207,480	24.13	50,200	22.99
Computer numerically controlled tool operators.....	179,360	23.05	47,940	22.48
Computer numerically controlled tool programmers.....	28,120	31.05	64,580	29.23
Miscellaneous production workers.....	632,170	19.06	39,640	17.64
Adhesive bonding machine operators and tenders.....	11,320	19.28	40,100	18.65

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment and Wage Statistics survey by occupation, May 2022—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Production occupations (Continued)				
Cleaning, washing, and metal pickling equipment operators and tenders.....	13,200	\$18.81	\$39,130	\$17.88
Cooling and freezing equipment operators and tenders.....	6,420	21.27	44,240	20.62
Etchers and engravers.....	8,400	19.69	40,950	18.26
Molders, shapers, and casters, except metal and plastic.....	39,060	20.04	41,680	19.03
Paper goods machine setters, operators, and tenders.....	92,050	22.30	46,390	21.97
Tire builders.....	18,360	24.33	50,600	24.83
Helpers--production workers.....	190,680	17.18	35,740	16.67
Production workers, all other.....	252,660	18.68	38,860	17.06
Transportation and material moving occupations				
Supervisors of transportation and material moving workers.....	13,560,460	21.12	43,930	18.24
First-line supervisors of transportation and material moving workers.....	599,710	29.26	60,850	27.79
Aircraft cargo handling supervisors.....	7,950	29.40	61,150	25.72
First-line supervisors of transportation and material moving workers, except aircraft cargo handling supervisors.....	591,760	29.25	60,850	27.82
Air transportation workers.....	282,820	(²)	131,630	(²)
Aircraft pilots and flight engineers.....	138,330	(²)	189,620	(²)
Airline pilots, copilots, and flight engineers.....	89,580	(²)	225,740	(²)
Commercial pilots.....	48,750	(²)	123,250	(²)
Air traffic controllers and airfield operations specialists.....	36,010	49.74	103,460	45.53
Air traffic controllers.....	21,250	62.90	130,840	63.58
Airfield operations specialists.....	14,760	30.79	64,050	23.85
Flight attendants.....	108,480	(²)	67,020	(²)
Motor vehicle operators.....	4,315,740	22.65	47,110	21.86
Ambulance drivers and attendants, except emergency medical technicians.....	9,910	16.14	33,570	14.61
Driver/sales workers and truck drivers.....	3,533,530	23.19	48,240	22.26
Driver/sales workers.....	489,510	17.10	35,560	15.72
Heavy and tractor-trailer truck drivers.....	1,984,180	25.52	53,090	24.00
Light truck drivers.....	1,059,840	21.65	45,020	19.43
Passenger vehicle drivers.....	722,960	20.39	42,420	18.96
Bus drivers, school.....	366,550	20.39	42,400	19.84
Bus drivers, transit and intercity.....	141,530	25.92	53,920	24.47
Shuttle drivers and chauffeurs.....	201,070	16.83	35,000	15.77
Taxi drivers.....	13,820	15.73	32,710	14.75
Motor vehicle operators, all other.....	49,340	18.10	37,650	15.96
Rail transportation workers.....	105,620	33.67	70,040	33.15
Locomotive engineers and operators.....	39,120	35.00	72,790	35.46
Locomotive engineers.....	36,440	35.50	73,850	35.85
Rail yard engineers, dinkey operators, and hostlers.....	2,680	28.09	58,430	27.09
Railroad brake, signal, and switch operators and locomotive firers.....	14,210	31.16	64,810	32.47
Railroad conductors and yardmasters.....	40,940	33.26	69,190	32.78
Subway and streetcar operators.....	9,120	36.48	75,880	42.43
Rail transportation workers, all other.....	2,240	22.49	46,780	20.33
Water transportation workers.....	75,200	39.52	82,200	31.78
Sailors and marine oilers.....	28,500	25.65	53,350	22.83
Ship and boat captains and operators.....	38,050	47.86	99,540	41.98
Captains, mates, and pilots of water vessels.....	34,940	50.09	104,190	45.77
Motorboat operators.....	3,110	22.74	47,300	19.92
Ship engineers.....	8,650	48.55	100,980	41.97
Other transportation workers.....	284,810	18.15	37,750	15.71
Bridge and lock tenders.....	3,690	22.55	46,910	22.73
Parking attendants.....	105,290	15.01	31,230	14.70
Transportation service attendants.....	119,320	16.11	33,500	15.30
Automotive and watercraft service attendants.....	99,600	15.55	32,340	14.83
Aircraft service attendants.....	19,720	18.94	39,400	17.81
Traffic technicians.....	7,310	26.31	54,720	24.06
Transportation inspectors.....	24,420	38.35	79,770	38.26
Passenger attendants.....	13,200	17.42	36,230	16.65
Transportation workers, all other.....	11,590	19.37	40,290	17.99
Material moving workers.....	7,896,560	17.92	37,270	17.15
Conveyor operators and tenders.....	27,780	19.26	40,060	17.74
Crane and tower operators.....	45,210	31.36	65,220	29.49
Dredge operators.....	940	24.89	51,770	22.64
Hoist and winch operators.....	2,440	33.23	69,120	28.34
Industrial truck and tractor operators.....	780,890	20.79	43,240	19.82
Laborers and material movers.....	6,840,530	17.33	36,050	16.77
Cleaners of vehicles and equipment.....	359,530	15.74	32,730	14.90
Laborers and freight, stock, and material movers, hand.....	2,934,050	18.03	37,510	17.36
Machine feeders and offbearers.....	51,010	18.80	39,100	18.29
Packers and packagers, hand.....	653,870	16.02	33,310	15.83
Stockers and order fillers.....	2,842,060	17.09	35,550	16.45
Pumping station operators.....	29,160	30.11	62,620	28.93
Gas compressor and gas pumping station operators.....	3,740	29.57	61,500	28.84
Pump operators, except wellhead pumps.....	10,870	28.44	59,150	26.86
Wellhead pumps.....	14,550	31.50	65,510	30.42

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment and Wage Statistics survey by occupation, May 2022—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Transportation and material moving occupations (Continued)				
Refuse and recyclable material collectors.....	132,240	\$21.91	\$45,560	\$20.94
Tank car, truck, and ship loaders.....	12,470	28.21	58,680	25.93
Material moving workers, all other.....	24,880	20.81	43,290	18.65

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 \$115.00 per hour.