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OCCUPATIONAL EMPLOYMENT AND WAGES – MAY 2011

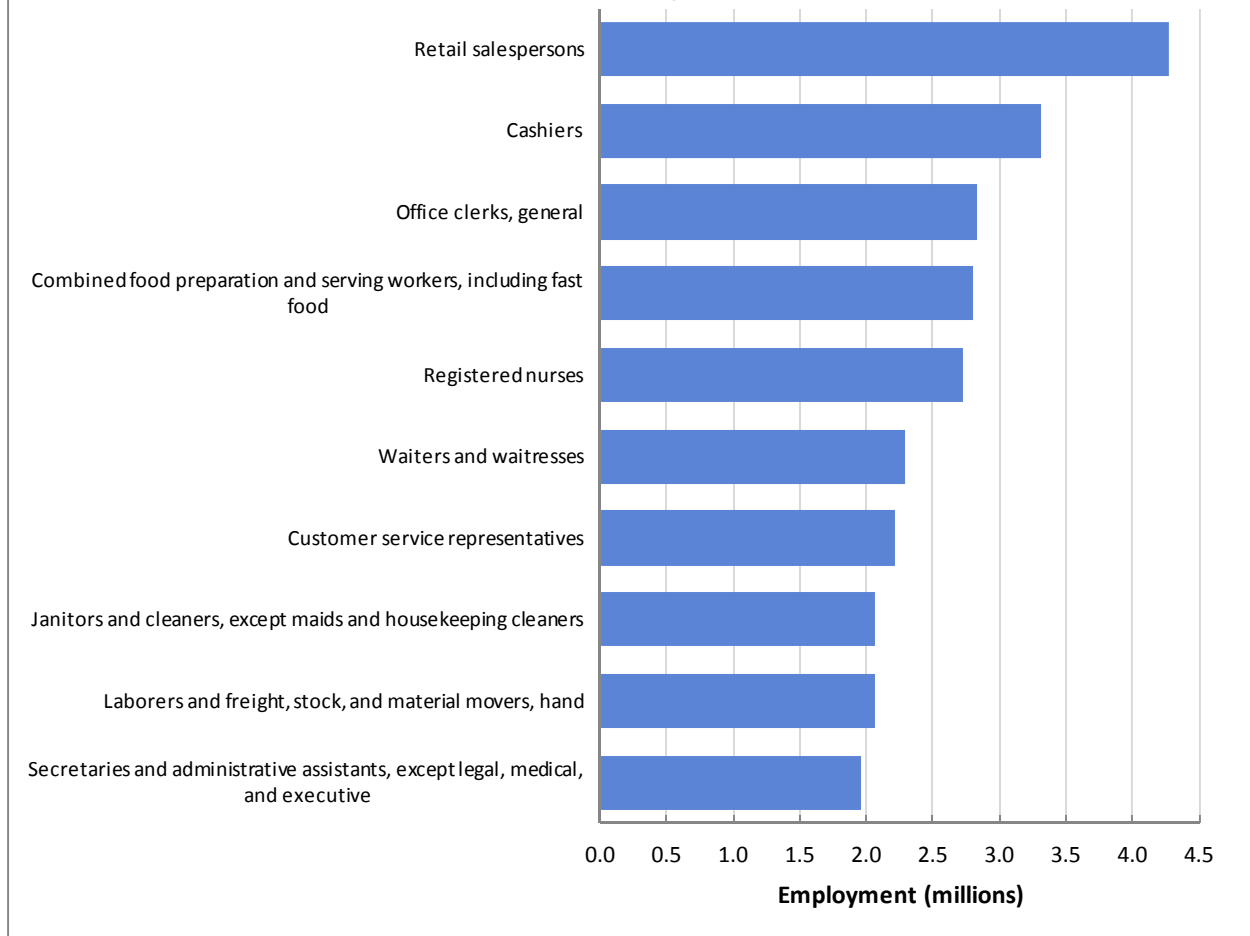
Retail salespersons and cashiers were the occupations with the highest employment in 2011, the U.S. Bureau of Labor Statistics reported today. These two occupations combined made up nearly 6 percent of total U.S. employment, with employment levels of 4.3 and 3.3 million, respectively. National employment and wage information for all occupations is shown in table 1.

These data are from the Occupational Employment Statistics (OES) program, which provides employment and wage estimates by area and by industry for wage and salary workers in 22 major occupational groups and nearly 800 detailed occupations.

Occupations

- The 10 largest occupations accounted for more than 20 percent of total employment in May 2011. In addition to retail salespersons and cashiers, the largest occupations included general office clerks; combined food preparation and serving workers, including fast food; registered nurses; waiters and waitresses; and customer service representatives. (See chart 1.)
- Most of the largest occupations were relatively low paying. Of the 10 largest occupations, only registered nurses, with an annual mean wage of \$69,110, had an average wage above the U.S. all-occupations mean of \$21.74 per hour or \$45,230 annually. Annual mean wages for the rest of the 10 largest occupations ranged from \$18,790 for combined food preparation and serving workers to \$33,120 for customer service representatives. (See chart 2.)
- Office and administrative support was the largest occupational group, making up nearly 17 percent of total U.S. employment. The next largest groups were sales and related occupations and food preparation and serving related occupations, which made up about 11 and 9 percent of U.S. employment, respectively. Seven of the 10 largest occupations were in one of these three groups. The smallest occupational groups included legal occupations and life, physical, and social science occupations, each making up less than 1 percent of total employment. (See chart 3.)
- The highest paying occupational groups were management, legal, computer and mathematical, and architecture and engineering occupations. Most individual occupations in these groups were also high paying. For example, of the 35 architecture and engineering occupations, only one—surveying and mapping technicians, with an annual mean wage of \$42,050—had an average wage below the U.S. all-occupations mean. (See table 1.)

Chart 1. Employment for the Largest Occupations in the United States, May 2011



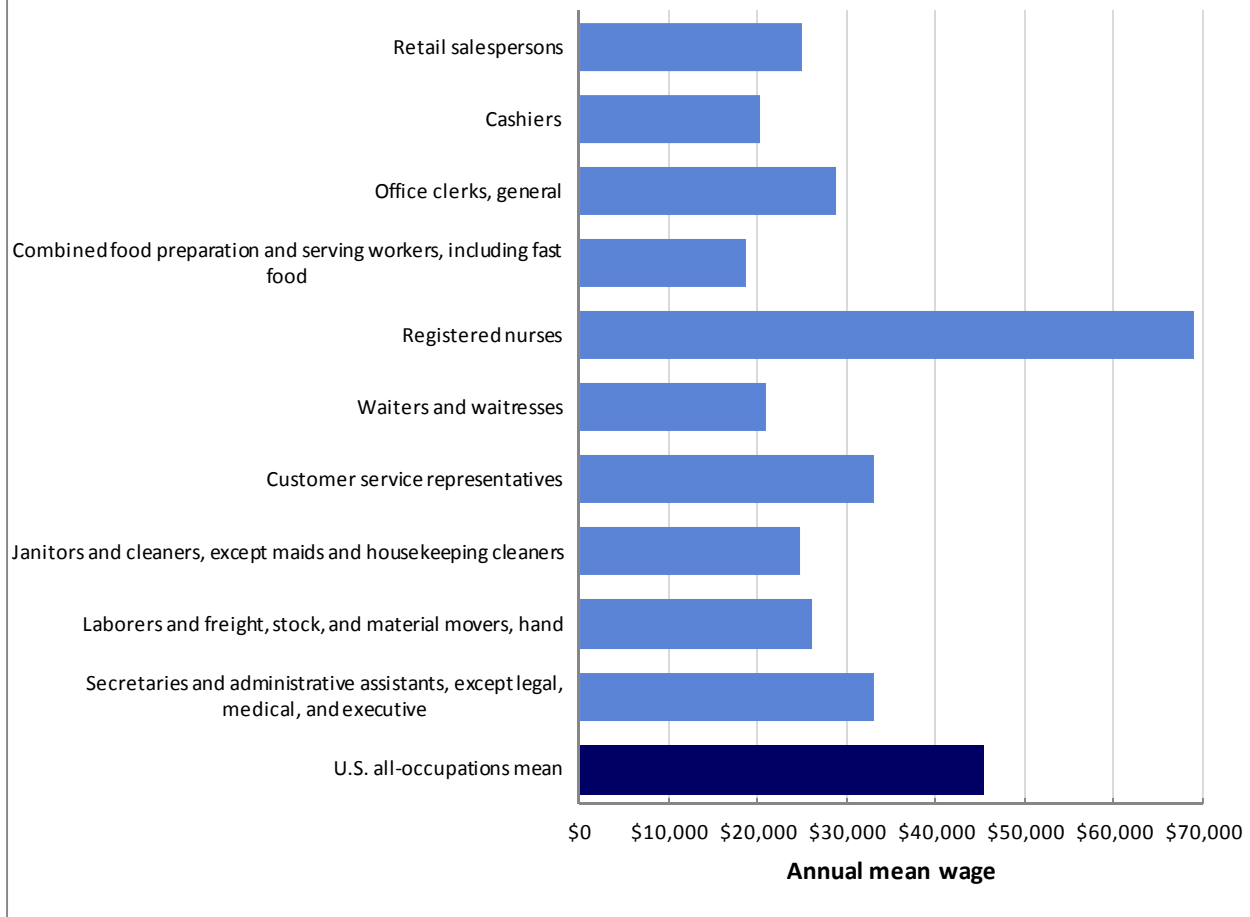
- The lowest paying occupational groups were food preparation and serving related; farming, fishing, and forestry; personal care and service; and building and grounds cleaning and maintenance occupations. Annual mean wages for these groups ranged from \$21,430 for food preparation and serving related occupations to \$25,560 for building and grounds cleaning and maintenance occupations. Nearly all of the individual occupations in these groups had below-average wages. For example, chefs and head cooks was the only food preparation and serving related occupation with a mean wage above the U.S. all-occupations mean, and 15 of the 18 occupations in this group had annual mean wages of \$25,000 or less. (See table 1.)

Occupational profiles for all occupations are available on the BLS website at www.bls.gov/oes/current/oes_stru.htm.

Ownership

- Eight of the 10 largest occupations in the private sector were the same as those in the economy as a whole as shown in chart 1; stock clerks and order fillers and general and operations

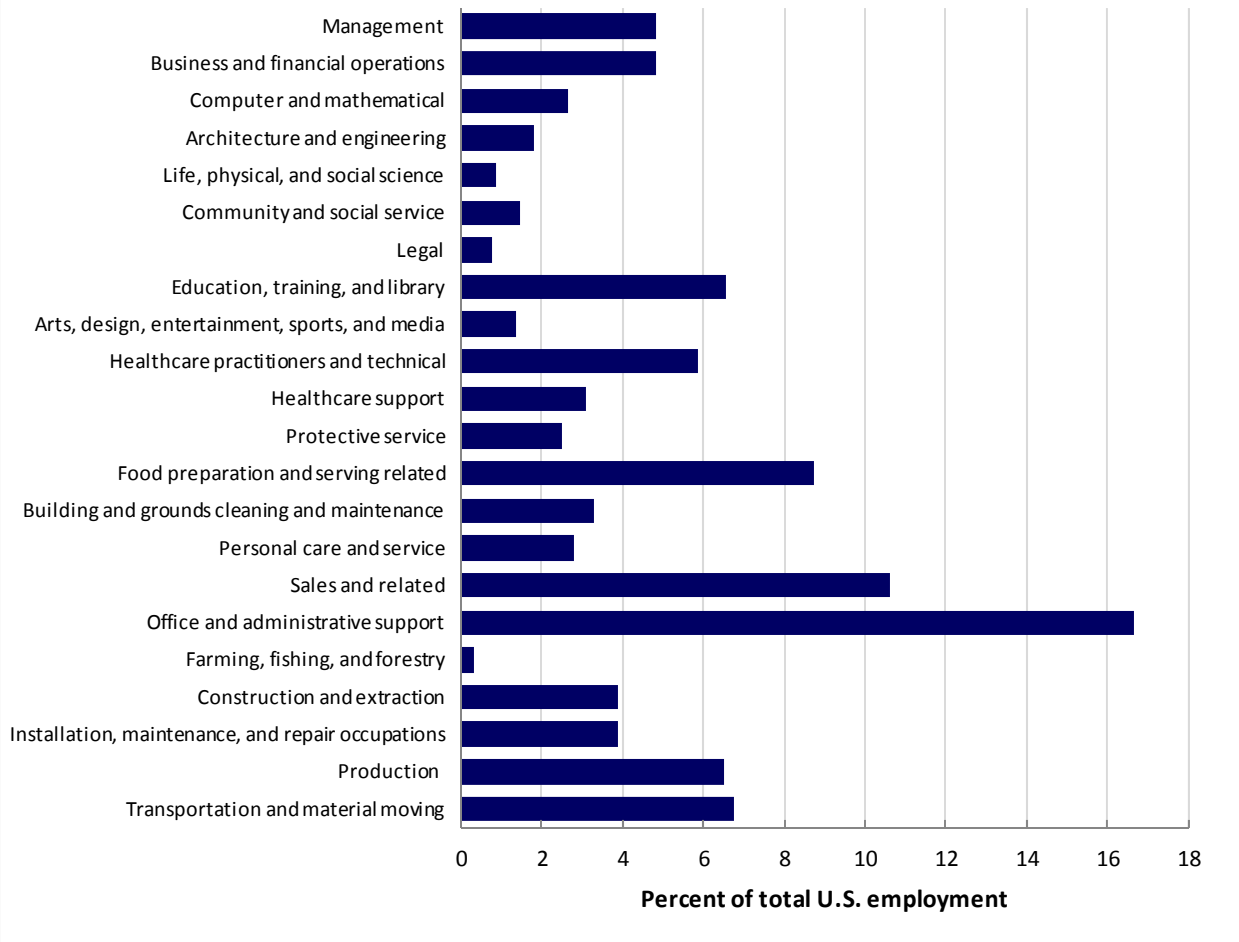
Chart 2. Annual Mean Wages for the Largest Occupations in the United States, May 2011



managers rounded out the largest private sector occupations. Among the 10 largest occupations overall, over 91 percent of employment was in the private sector, with the share of private sector employment ranging from 75 percent of janitors and secretaries to nearly 100 percent of retail salespersons and waiters and waitresses.

- Five of the 10 largest occupations in the public sector were education related: elementary, middle, and secondary school teachers, except special education; teacher assistants; and teachers and instructors, all other. Seventy percent or more of total employment and over 90 percent of public sector employment in each of these 5 occupations was in local government. Other large occupations in local government included police and sheriff's patrol officers, janitors, general office clerks, and firefighters.
- Correctional officers and jailers and general office clerks were the largest occupations in state government, with employment of nearly 250,000 and 190,000, respectively. Additional large occupations in state government included registered nurses, graduate teaching assistants, postsecondary health specialties teachers, and police and sheriff's patrol officers.

Chart 3. Major occupational groups as a percent of total U.S. employment, May 2011



- Three of the 10 largest occupations in the federal government were specific to the U.S. Postal Service: postal service mail carriers, with employment of 315,320; postal service mail sorters, processors, and processing machine operators (139,680); and postal service clerks (64,710). The largest federal government occupations also included registered nurses, management analysts, and compliance officers.

OES data by ownership are available on the BLS website at www.bls.gov/oes/current/oesrci.htm.

Industry

- Health care and social assistance was the industry sector with the highest employment. Over half of May 2011 employment in the health care and social assistance sector was in healthcare-related occupations. Registered nurses was the largest occupation in this sector, with nearly 2.4 million jobs, almost 70 percent of which were in hospitals. Other large healthcare occupations in this sector were nursing aides, orderlies, and attendants; home health aides; licensed practical and licensed vocational nurses; and medical assistants. Outside of the healthcare occupational groups, the largest occupations in this sector were personal care aides, childcare workers, and

three office and administrative support occupations: medical secretaries, receptionists and information clerks, and general office clerks.

- Other large industry sectors included retail trade, educational services, and manufacturing. More than 60 percent of retail trade employment was in just 4 occupations: retail salespersons, cashiers, stock clerks and order fillers, and first-line supervisors of retail sales workers. Education, training, and library occupations made up about 59 percent of employment in the educational services sector, including 5 of the 10 largest occupations; the largest occupation outside of the education group was janitors and cleaners, except maids and housekeeping cleaners. About half of manufacturing employment was in production occupations, including team assemblers, with employment of 703,740; first-line supervisors of production and operating workers (406,820); and machinists (294,620).
- Industries with the highest all-occupations mean wages included computer and peripheral equipment manufacturing, software publishers, oil and gas extraction, and several financial services industries. These industries tended to have high employment concentrations of occupations with high wages, and in some cases, above average wages for individual occupations. For example, the largest occupations in oil and gas extraction included petroleum engineers, with an annual mean wage of \$150,890; geoscientists, except hydrologists and geographers (\$139,390); and accountants and auditors (\$75,720); these three occupations also had higher wages in oil and gas extraction than in all industries combined.
- Industries with the lowest all-occupations mean wages included support activities for crop production and several retail trade and food service industries. In limited-service eating places, the industry with the lowest overall average wage, 7 of the 10 largest occupations had mean wages below \$20,000 per year. Cashiers, with an annual mean wage of \$18,830, made up 65 percent of employment in gasoline stations; other large occupations in this industry included first-line supervisors of retail sales workers (\$34,380); combined food preparation and serving workers, including fast food (\$18,800); and automotive and watercraft service attendants (\$20,380).

OES national industry-specific data are available on the BLS website at www.bls.gov/oes/current/oessrci.htm.

State and Local Area

- States with high total employment, such as California, Texas, New York, and Florida, also tended to have the highest employment of many individual occupations. For example, California and Texas had the highest employment of surveyors, with employment levels of 4,480 and 4,210, respectively. However, smaller states often had higher-than-average employment concentrations of particular occupations. For instance, as a share of total employment, Alaska and Wyoming had more than 3 times as many surveyors as the U.S. as a whole.
- Similarly, large metropolitan areas tended to have the highest number of jobs in many individual occupations, but smaller metropolitan areas often had high concentrations of specific occupations. For example, Chicago-Joliet-Naperville, Ill.-Ind.-Wis., and Los Angeles-Long Beach-Santa Ana, Calif., had the highest employment of team assemblers, although neither area had a particularly high employment share of this occupation. However, Elkhart-

Goshen, Ind., had an employment share of team assemblers nearly 10 times the U.S. average, and Spartanburg, S.C., and Lafayette, Ind., had employment shares nearly 7 times the average for this occupation.

- Wages for a given occupation also varied considerably across areas. For example, annual mean wages for applications software developers ranged from \$64,000 in North Dakota and \$64,720 in Wyoming to \$99,800 in Virginia and \$104,450 in California. Wages for this occupation varied even more by area than by state: among metropolitan areas with at least 100 applications software developers, annual mean wages ranged from \$49,530 in Myrtle Beach-North Myrtle Beach-Conway, S.C., and \$56,780 in Deltona-Daytona Beach-Ormond Beach, Fla., to \$117,150 in San Jose-Sunnyvale-Santa Clara, Calif., and \$129,480 in the Haverhill-North Andover-Andover, Mass., NECTA division.

OES data, including location quotients, by state and metropolitan/nonmetropolitan area are available on the BLS website at www.bls.gov/oes/current/oesrcst.htm and www.bls.gov/oes/current/oesrcma.htm, respectively.

Notes on the Occupational Employment Statistics Data

The Occupational Employment Statistics (OES) program provides employment and wage estimates for wage and salary workers in 22 major occupational groups and nearly 800 detailed occupations. OES produces cross-industry occupational employment and wage data for the nation, states, metropolitan areas, metropolitan divisions, and nonmetropolitan areas; industry-specific data for the nation; and data by ownership across all industries and for schools and hospitals.

The May 2011 OES estimates are based in part on data collected using the 2010 Standard Occupational Classification (SOC) system and in part on data collected using the 2000 SOC system. Nearly all the occupations in this release are 2010 SOC occupations; however, some are not. In these cases, an estimate for a hybrid OES-specific occupation was created from data reported for one or more occupations in the 2000 SOC combined with data reported for one or more 2010 SOC occupations. Some occupations have the same title as a 2010 SOC occupation, but not the same content. These occupations are marked with an asterisk (*) and given a temporary code for the OES data. The May 2012 OES data will reflect the full set of detailed occupations in the 2010 SOC. For a list of all occupations, including 2010 SOC occupations, and information on how data collected using two structures were combined, see the OES Frequently Asked Questions online at www.bls.gov/oes/oes_ques.htm#Ques41.

The May 2011 OES estimates are the last to be produced using the 2007 North American Industry Classification System (NAICS). The May 2012 estimates will be based on the 2012 NAICS.

Technical Note

Scope of the survey

The Occupational Employment Statistics (OES) survey is a semiannual mail survey measuring occupational employment and wage rates for wage and salary workers in nonfarm establishments in the United States. OES data available from BLS include cross-industry occupational employment and wage estimates for the nation; over 500 areas, including states and the District of Columbia, metropolitan statistical areas (MSAs), metropolitan divisions, nonmetropolitan areas, and territories; national industry-specific estimates at the NAICS sector, 3-, 4-, and selected 5-digit industry levels; and national estimates by ownership across all industries and for schools and hospitals.

The OES survey is a cooperative effort between BLS and the State Workforce Agencies (SWAs). BLS funds the survey and provides the procedures and technical support, while the State Workforce Agencies collect most of the data. OES estimates are constructed from a sample of about 1.2 million establishments. Each year, forms are mailed to two semiannual panels of approximately 200,000 sampled establishments, one panel in May and the other in November. May 2011 estimates are based on responses from six semiannual panels collected over a 3-year period: May 2011, November 2010, May 2010, November 2009, May 2009, and November 2008. The overall national response rate for the six panels is 77.3 percent based on establishments and 73.3 percent based on employment. The unweighted employment of sampled establishments across all six semiannual panels represents approximately 62.2 percent of total national employment.

The occupational coding system

The OES survey categorizes workers into nearly 800 detailed occupations based on the Office of Management and Budget's Standard Occupational Classification (SOC) system; together, these detailed occupations make up 22 of the 23 SOC major occupational groups. Major group 55, Military Specific Occupations, is not included. The May 2011 and May 2010 OES estimates are based in part on data collected using the 2010 SOC system. Previous estimates were based on the 2000 SOC.

Almost all the occupations in this release are 2010 SOC occupations; however, some are not. In these cases, an estimate for a temporary occupation was created from data reported for one or more occupations in the 2000 SOC combined with data reported for one or more 2010 SOC occupations. Some occupations have the same title as a 2010 SOC occupation, but not the same content. These occupations are marked with an asterisk (*) and given a temporary code for the OES data. The May 2012 OES data will reflect the full set of detailed occupations in the 2010 SOC. For a list of all occupations, including 2010 SOC occupations, and how data collected on two structures were combined, see the OES Frequently Asked Questions online at www.bls.gov/oes/oes_ques.htm#Ques41.

For more information about the SOC system, please see the Bureau of Labor Statistics website at www.bls.gov/soc/.

The industry coding system

The OES survey uses the 2007 North American Industry Classification System (NAICS). For more information about NAICS, see the BLS website at www.bls.gov/bls/naics.htm.

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

The OES survey covers all full- and part-time wage and salary workers in nonfarm industries. The survey does not include the self-employed, owners and partners in unincorporated firms, household workers, or unpaid family workers.

Survey sample

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

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

Concepts

Occupational employment is the estimate of total wage and salary employment in an occupation. The OES survey defines employment as the number of workers who can be classified as full- or part-time employees, including workers on paid vacations or other types of paid leave; workers on unpaid short-term absences; salaried officers, executives, and staff members of incorporated firms; employees temporarily assigned to other units; and employees for whom the reporting unit is their permanent duty station, regardless of whether that unit prepares their paycheck.

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

OES receives wage rate data for the federal government, the U.S. Postal Service, and some state governments. For the remaining establishments, the OES survey collects wage data in 12 intervals. For each occupation, respondents are asked to report the number of employees paid within specific wage intervals. The intervals are defined both as hourly rates and the

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

Estimation methodology

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

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

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

Imputation. About 20 percent of establishments do not respond for a given panel. A "nearest neighbor" hot deck imputation procedure is used to impute missing occupational employment totals. A variant of mean imputation is used to impute missing wage distributions.

Weighting and benchmarking. The sampled establishments are weighted to represent all establishments for the reference period. Weights are further adjusted by the ratio of employment totals (the average of November 2010 and May 2011 employment) from the BLS Quarterly Census of Employment and Wages to employment totals from the OES survey.

For more information

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

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2011

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
All occupations	128,278,550	\$21.74	\$45,230	\$16.57
Management occupations	6,183,820	51.64	107,410	44.65
Chief executives.....	267,370	84.88	176,550	80.25
General and operations managers.....	1,805,030	55.04	114,490	45.74
Legislators.....	62,180	(²)	38,860	(²)
Advertising and promotions managers.....	30,710	49.69	103,350	42.14
Marketing managers.....	168,410	60.67	126,190	55.78
Sales managers.....	328,230	56.18	116,860	48.87
Public relations and fundraising managers.....	53,200	50.81	105,690	44.86
Administrative services managers.....	249,600	41.69	86,720	38.24
Computer and information systems managers.....	300,830	60.41	125,660	56.74
Financial managers.....	477,690	57.91	120,450	51.52
Industrial production managers.....	151,850	46.33	96,370	42.40
Purchasing managers.....	66,990	49.57	103,110	46.70
Transportation, storage, and distribution managers.....	92,150	42.23	87,830	38.87
Compensation and benefits managers.....	24,580	48.62	101,130	44.37
Human resources managers.....	81,750	52.21	108,600	47.66
Training and development managers.....	27,150	47.73	99,280	44.10
Farmers, ranchers, and other agricultural managers.....	3,340	33.66	70,010	31.09
Construction managers.....	195,000	45.14	93,900	40.50
Education administrators, preschool and childcare center/program.....	49,320	24.66	51,290	21.07
Education administrators, elementary and secondary school.....	222,810	(²)	90,200	(²)
Education administrators, postsecondary.....	113,620	46.72	97,170	40.52
Education administrators, all other.....	28,090	39.46	82,070	36.89
Architectural and engineering managers.....	184,530	62.19	129,350	58.75
Food service managers.....	183,940	25.30	52,620	23.13
Gaming managers.....	3,570	35.95	74,780	32.32
Lodging managers.....	29,870	26.49	55,100	22.81
Medical and health services managers.....	287,560	46.17	96,030	41.54
Natural sciences managers.....	47,510	61.65	128,230	55.18
Postmasters and mail superintendents.....	24,410	29.85	62,080	30.25
Property, real estate, and community association managers.....	152,380	30.36	63,150	25.24
Social and community service managers.....	115,550	30.43	63,290	28.20
Emergency management directors.....	11,050	30.22	62,850	27.53
Managers, all other.....	343,560	50.44	104,910	47.85
Business and financial operations occupations	6,178,070	33.05	68,740	29.67
Agents and business managers of artists, performers, and athletes.....	11,950	44.35	92,250	31.15
Buyers and purchasing agents, farm products.....	10,180	29.08	60,500	26.86
Wholesale and retail buyers, except farm products.....	105,610	27.31	56,810	24.27
Purchasing agents, except wholesale, retail, and farm products.....	274,540	29.46	61,280	27.68
Claims adjusters, examiners, and investigators.....	263,810	29.38	61,110	28.52
Insurance appraisers, auto damage.....	10,950	28.41	59,080	27.42
Compliance officers.....	210,510	30.66	63,760	29.20
Cost estimators.....	187,730	30.13	62,670	28.10
Farm labor contractors.....	960	17.17	35,720	14.02
Human resources, training, and labor relations specialists, all other*.....	436,090	28.31	58,890	26.11
Logisticians.....	112,310	35.99	74,860	34.57
Management analysts.....	538,950	42.30	87,980	37.74
Meeting, convention, and event planners*.....	64,020	23.96	49,840	22.13
Compensation, benefits, and job analysis specialists.....	94,710	29.34	61,030	27.86
Training and development specialists.....	205,680	28.14	58,540	26.51
Market research analysts and marketing specialists*.....	318,190	32.27	67,130	28.97
Business operations specialists, all other*.....	967,250	33.21	69,070	30.78
Accountants and auditors.....	1,085,150	33.72	70,130	30.22
Appraisers and assessors of real estate.....	60,930	26.18	54,460	23.49
Budget analysts.....	57,110	34.35	71,450	33.22
Credit analysts.....	59,140	33.48	69,640	29.20
Financial analysts.....	226,340	42.18	87,740	36.37
Personal financial advisors.....	161,790	43.70	90,900	32.01
Insurance underwriters.....	92,840	32.46	67,520	29.25
Financial examiners.....	28,050	40.20	83,620	36.18
Credit counselors.....	29,400	20.16	41,940	18.48
Loan officers.....	284,530	32.67	67,960	27.90
Tax examiners and collectors, and revenue agents.....	67,970	26.67	55,480	24.10
Tax preparers.....	59,180	18.95	39,410	15.54
Financial specialists, all other.....	152,200	31.59	65,700	28.76
Computer and mathematical occupations	3,406,720	37.85	78,730	36.10
Computer and information research scientists.....	25,160	49.59	103,160	48.59
Computer systems analysts.....	487,740	39.58	82,320	37.87
Computer programmers.....	320,100	36.54	76,010	34.92
Software developers, applications.....	539,880	44.27	92,080	42.92
Software developers, systems software.....	387,050	48.28	100,420	46.44
Database administrators.....	108,500	37.19	77,350	36.15
Network and computer systems administrators*.....	341,800	35.71	74,270	34.12

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2011- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Computer and mathematical science occupations (Continued)				
Computer support specialists.....	632,490	\$24.91	\$51,820	\$22.91
Information security analysts, web developers, and computer network architects.....	272,670	39.27	81,670	37.49
Computer occupations, all other*.....	177,630	38.70	80,500	38.43
Actuaries.....	19,590	49.52	103,000	43.78
Mathematicians.....	2,980	48.71	101,320	48.58
Operations research analysts.....	65,030	37.90	78,840	34.59
Statisticians.....	23,770	37.16	77,280	35.52
Mathematical technicians.....	1,060	24.47	50,910	22.32
Mathematical science occupations, all other.....	1,260	30.37	63,170	26.95
Architecture and engineering occupations	2,310,830	37.08	77,120	34.65
Architects, except landscape and naval.....	83,590	38.13	79,300	35.26
Landscape architects.....	15,760	31.98	66,520	30.40
Cartographers and photogrammetrists.....	11,240	28.90	60,110	26.91
Surveyors.....	42,020	28.24	58,740	26.73
Aerospace engineers.....	79,400	49.94	103,870	49.24
Agricultural engineers.....	2,650	37.69	78,400	35.88
Biomedical engineers.....	16,590	42.48	88,360	40.71
Chemical engineers.....	27,860	47.81	99,440	44.68
Civil engineers.....	254,130	39.76	82,710	37.49
Computer hardware engineers.....	71,990	48.73	101,360	47.41
Electrical engineers.....	154,250	42.88	89,200	41.31
Electronics engineers, except computer.....	136,310	45.51	94,670	43.99
Environmental engineers.....	50,350	40.07	83,340	38.01
Health and safety engineers, except mining safety engineers and inspectors.....	23,170	37.76	78,540	36.28
Industrial engineers.....	211,490	38.39	79,840	37.13
Marine engineers and naval architects.....	5,470	44.10	91,730	40.80
Materials engineers.....	22,160	41.73	86,790	40.65
Mechanical engineers.....	238,260	40.17	83,550	38.09
Mining and geological engineers, including mining safety engineers.....	6,630	43.30	90,070	40.53
Nuclear engineers.....	18,430	50.56	105,160	49.01
Petroleum engineers.....	30,880	66.82	138,980	58.79
Engineers, all other.....	125,590	44.36	92,260	43.55
Architectural and civil drafters.....	85,740	24.11	50,160	22.72
Electrical and electronics drafters.....	28,010	27.52	57,240	26.19
Mechanical drafters.....	64,090	25.07	52,150	23.65
Drafters, all other.....	16,070	23.25	48,370	21.92
Aerospace engineering and operations technicians.....	9,290	29.93	62,260	29.55
Civil engineering technicians.....	71,890	23.31	48,480	22.55
Electrical and electronics engineering technicians.....	150,020	27.52	57,240	27.36
Electro-mechanical technicians.....	16,620	25.42	52,870	24.63
Environmental engineering technicians.....	19,490	23.51	48,910	21.56
Industrial engineering technicians.....	63,030	24.93	51,850	23.60
Mechanical engineering technicians.....	44,760	25.39	52,810	24.69
Engineering technicians, except drafters, all other.....	65,030	28.80	59,900	28.21
Surveying and mapping technicians.....	48,590	20.22	42,050	18.92
Life, physical, and social science occupations	1,082,370	32.44	67,470	28.52
Animal scientists.....	2,190	35.66	74,170	29.44
Food scientists and technologists.....	12,040	30.85	64,170	28.05
Soil and plant scientists.....	11,860	30.72	63,890	28.34
Biochemists and biophysicists.....	25,160	42.13	87,640	38.09
Microbiologists.....	17,660	34.48	71,720	31.36
Zoologists and wildlife biologists.....	18,380	29.75	61,880	27.60
Biological scientists, all other.....	31,550	35.12	73,050	34.03
Conservation scientists.....	18,910	29.95	62,290	28.62
Foresters.....	9,000	26.99	56,130	26.53
Epidemiologists.....	4,610	33.49	69,660	30.87
Medical scientists, except epidemiologists.....	95,220	42.13	87,640	36.60
Life scientists, all other.....	10,020	35.68	74,220	30.95
Astronomers.....	2,080	48.86	101,630	45.91
Physicists.....	16,220	53.89	112,090	51.14
Atmospheric and space scientists.....	9,640	43.68	90,860	43.17
Chemists.....	80,040	35.95	74,780	33.54
Materials scientists.....	7,900	41.64	86,600	40.67
Environmental scientists and specialists, including health.....	83,090	33.08	68,810	30.25
Geoscientists, except hydrologists and geographers.....	32,490	46.97	97,700	40.61
Hydrologists.....	6,960	38.01	79,070	36.39
Physical scientists, all other.....	25,790	46.29	96,290	45.67
Economists.....	14,270	48.20	100,270	43.54
Survey researchers.....	17,060	22.95	47,740	19.30
Clinical, counseling, and school psychologists.....	100,850	35.14	73,090	32.64
Industrial-organizational psychologists.....	1,230	59.69	124,160	45.54
Psychologists, all other.....	10,580	41.27	85,830	43.27

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2011- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Life, physical, and social science occupations (Continued)				
Sociologists.....	2,830	\$38.20	\$79,460	\$35.42
Urban and regional planners.....	38,320	32.38	67,350	30.82
Anthropologists and archeologists.....	5,370	28.39	59,040	26.95
Geographers.....	1,430	35.66	74,170	35.94
Historians.....	3,190	27.70	57,610	25.18
Political scientists.....	5,340	50.50	105,040	49.93
Social scientists and related workers, all other.....	31,520	37.82	78,670	36.14
Agricultural and food science technicians.....	17,150	17.38	36,150	16.13
Biological technicians.....	72,140	20.33	42,290	18.98
Chemical technicians.....	59,650	21.42	44,560	20.23
Geological and petroleum technicians.....	14,680	27.81	57,840	23.89
Nuclear technicians.....	7,370	32.46	67,520	32.71
Social science research assistants.....	26,200	20.39	42,410	18.66
Environmental science and protection technicians, including health.....	30,320	21.76	45,270	20.32
Forensic science technicians.....	12,560	26.76	55,660	25.09
Forest and conservation technicians.....	30,620	18.01	37,460	16.78
Life, physical, and social science technicians, all other.....	58,890	22.00	45,770	20.73
Community and social service occupations	1,890,410	21.07	43,830	19.17
Substance abuse and behavioral disorder counselors.....	76,600	19.73	41,030	18.54
Educational, guidance, school, and vocational counselors.....	244,560	27.18	56,540	26.02
Marriage and family therapists.....	33,990	23.42	48,710	22.23
Mental health counselors.....	114,180	20.48	42,590	18.84
Rehabilitation counselors.....	110,690	17.82	37,070	16.22
Counselors, all other.....	27,140	21.56	44,850	20.21
Child, family, and school social workers.....	276,510	21.35	44,410	19.56
Healthcare social workers.....	133,890	24.28	50,500	23.37
Mental health and substance abuse social workers.....	115,390	20.50	42,650	18.86
Social workers, all other.....	63,110	26.07	54,220	25.91
Health educators.....	56,610	25.07	52,150	23.05
Probation officers and correctional treatment specialists.....	88,520	25.05	52,110	23.00
Social and human service assistants.....	359,860	14.77	30,710	13.82
Community and social service specialists, all other*.....	121,580	19.83	41,250	18.19
Clergy.....	42,560	23.31	48,490	21.22
Directors, religious activities and education.....	17,560	20.04	41,690	17.54
Religious workers, all other.....	7,660	15.19	31,600	12.57
Legal occupations	1,002,330	47.30	98,380	36.28
Lawyers.....	570,950	62.74	130,490	54.48
Judicial law clerks.....	18,300	22.44	46,670	20.41
Administrative law judges, adjudicators, and hearing officers.....	14,460	42.47	88,340	40.96
Arbitrators, mediators, and conciliators.....	6,880	36.32	75,550	29.06
Judges, magistrate judges, and magistrates.....	26,570	53.34	110,940	57.75
Paralegals and legal assistants*.....	252,250	24.02	49,960	22.47
Court reporters.....	18,440	25.82	53,710	23.33
Title examiners, abstractors, and searchers.....	49,760	21.56	44,850	19.60
Legal support workers, all other.....	44,720	28.88	60,070	25.19
Education, training, and library occupations	8,409,060	24.46	50,870	22.14
Business teachers, postsecondary.....	82,090	(2)	86,620	(2)
Computer science teachers, postsecondary.....	33,510	(2)	80,460	(2)
Mathematical science teachers, postsecondary.....	53,650	(2)	74,460	(2)
Architecture teachers, postsecondary.....	7,060	(2)	79,600	(2)
Engineering teachers, postsecondary.....	33,660	(2)	97,260	(2)
Agricultural sciences teachers, postsecondary.....	10,170	(2)	83,480	(2)
Biological science teachers, postsecondary.....	50,090	(2)	86,060	(2)
Forestry and conservation science teachers, postsecondary.....	2,520	(2)	82,640	(2)
Atmospheric, earth, marine, and space sciences teachers, postsecondary.....	10,660	(2)	91,350	(2)
Chemistry teachers, postsecondary.....	20,830	(2)	80,450	(2)
Environmental science teachers, postsecondary.....	4,990	(2)	84,140	(2)
Physics teachers, postsecondary.....	13,630	(2)	86,730	(2)
Anthropology and archeology teachers, postsecondary.....	5,790	(2)	81,860	(2)
Area, ethnic, and cultural studies teachers, postsecondary.....	9,250	(2)	79,840	(2)
Economics teachers, postsecondary.....	13,300	(2)	94,450	(2)
Geography teachers, postsecondary.....	4,280	(2)	72,300	(2)
Political science teachers, postsecondary.....	17,260	(2)	80,980	(2)
Psychology teachers, postsecondary.....	37,540	(2)	74,890	(2)
Sociology teachers, postsecondary.....	17,250	(2)	73,320	(2)
Social sciences teachers, postsecondary, all other.....	9,230	(2)	82,750	(2)
Health specialties teachers, postsecondary.....	153,430	(2)	99,210	(2)
Nursing instructors and teachers, postsecondary.....	55,930	(2)	67,810	(2)
Education teachers, postsecondary.....	63,330	(2)	65,050	(2)
Library science teachers, postsecondary.....	4,410	(2)	69,870	(2)
Criminal justice and law enforcement teachers, postsecondary.....	14,630	(2)	65,690	(2)
Law teachers, postsecondary.....	14,980	(2)	108,760	(2)
Social work teachers, postsecondary.....	9,970	(2)	71,030	(2)
Art, drama, and music teachers, postsecondary.....	90,030	(2)	72,660	(2)

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2011- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Education, training, and library occupations (Continued)				
Communications teachers, postsecondary.....	29,610	(²)	\$67,560	(²)
English language and literature teachers, postsecondary.....	72,700	(²)	68,760	(²)
Foreign language and literature teachers, postsecondary.....	29,010	(²)	66,720	(²)
History teachers, postsecondary.....	23,470	(²)	72,200	(²)
Philosophy and religion teachers, postsecondary.....	21,930	(²)	71,620	(²)
Graduate teaching assistants.....	110,130	(²)	33,180	(²)
Home economics teachers, postsecondary.....	5,490	(²)	68,080	(²)
Recreation and fitness studies teachers, postsecondary.....	18,660	(²)	63,820	(²)
Vocational education teachers, postsecondary.....	125,160	25.71	53,480	23.46
Postsecondary teachers, all other.....	182,130	(²)	74,360	(²)
Preschool teachers, except special education.....	349,430	14.50	30,150	12.80
Kindergarten teachers, except special education.....	164,910	(²)	52,350	(²)
Elementary school teachers, except special education.....	1,415,590	(²)	55,270	(²)
Middle school teachers, except special and career/technical education.....	642,820	(²)	55,780	(²)
Career/technical education teachers, middle school.....	16,870	(²)	56,100	(²)
Secondary school teachers, except special and career/technical education.....	1,004,850	(²)	56,760	(²)
Career/technical education teachers, secondary school.....	88,210	(²)	56,330	(²)
Special education teachers, preschool, kindergarten, and elementary school*.....	220,220	(²)	56,460	(²)
Special education teachers, middle school.....	100,590	(²)	58,420	(²)
Special education teachers, secondary school.....	132,960	(²)	59,080	(²)
Adult basic and secondary education and literacy teachers and instructors.....	67,770	24.69	51,350	22.77
Self-enrichment education teachers.....	169,200	19.75	41,070	17.36
Teachers and instructors, all other*.....	827,800	(²)	37,260	(²)
Archivists.....	5,460	24.11	50,140	22.48
Curators.....	10,340	25.74	53,540	23.46
Museum technicians and conservators.....	10,470	20.41	42,450	18.27
Librarians.....	145,710	27.41	57,020	26.59
Library technicians.....	106,560	15.42	32,070	14.63
Audio-visual and multimedia collections specialists.....	8,800	22.59	46,990	21.43
Farm and home management advisors.....	10,500	22.84	47,510	21.84
Instructional coordinators.....	130,230	29.67	61,720	28.50
Teacher assistants.....	1,214,090	(²)	25,270	(²)
Education, training, and library workers, all other.....	103,960	19.73	41,040	17.29
Arts, design, entertainment, sports, and media occupations				
Art directors.....	1,725,670	25.89	53,850	20.98
Craft artists.....	30,680	45.92	95,500	39.07
Fine artists, including painters, sculptors, and illustrators.....	4,810	15.51	32,270	12.82
Multimedia artists and animators.....	11,830	25.67	53,400	21.44
Artists and related workers, all other.....	28,400	32.72	68,060	29.25
Commercial and industrial designers.....	7,250	29.58	61,520	27.91
Fashion designers.....	28,710	30.56	63,570	29.21
Floral designers.....	16,010	35.54	73,930	31.10
Graphic designers.....	47,180	12.19	25,350	11.34
Interior designers.....	191,550	23.41	48,690	21.16
Merchandise displayers and window trimmers.....	40,950	25.39	52,810	22.90
Set and exhibit designers.....	67,290	13.70	28,500	12.59
Designers, all other.....	8,510	26.39	54,890	23.31
Actors.....	8,070	24.83	51,640	21.92
Producers and directors.....	60,830	33.82	(²)	19.14
Athletes and sports competitors.....	82,880	44.34	92,220	33.97
Coaches and scouts.....	12,630	(²)	79,830	(²)
Umpires, referees, and other sports officials.....	193,810	(²)	36,340	(²)
Dancers.....	15,630	(²)	29,640	(²)
Choreographers.....	11,240	19.53	(²)	15.06
Music directors and composers.....	10,870	21.23	44,160	19.04
Musicians and singers.....	25,290	25.84	53,760	22.80
Entertainers and performers, sports and related workers, all other.....	42,530	31.74	(²)	22.99
Radio and television announcers.....	17,920	23.34	(²)	15.23
Public address system and other announcers.....	31,680	19.47	40,510	13.12
Broadcast news analysts.....	7,770	19.17	39,870	12.50
Reporters and correspondents.....	5,200	36.71	76,370	26.79
Public relations specialists.....	45,270	20.98	43,640	16.76
Editors.....	212,510	29.04	60,400	25.57
Technical writers.....	98,990	29.08	60,490	25.18
Writers and authors.....	45,120	32.35	67,280	31.06
Interpreters and translators.....	40,930	32.72	68,060	26.86
Media and communication workers, all other.....	47,950	24.33	50,610	21.23
Audio and video equipment technicians.....	23,610	25.34	52,700	20.95
Broadcast technicians.....	49,180	22.12	46,010	20.01
Radio operators.....	30,360	20.41	42,450	17.58
Sound engineering technicians.....	1,220	21.73	45,190	21.54
Photographers.....	14,930	26.98	56,110	22.48
Camera operators, television, video, and motion picture.....	54,410	17.59	36,580	13.88
Film and video editors.....	16,270	23.77	49,430	19.31
	20,730	32.06	66,690	25.45

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2011- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Arts, design, entertainment, sports, and media occupations (Continued)				
Media and communication equipment workers, all other.....	14,690	\$33.45	\$69,570	\$33.25
Healthcare practitioners and technical occupations				
	7,514,980	34.97	72,730	28.64
Chiropractors.....	27,510	37.88	78,780	31.76
Dentists, general.....	90,950	77.76	161,750	68.62
Oral and maxillofacial surgeons.....	5,800	104.51	217,380	(²)
Orthodontists.....	5,040	98.40	204,670	(²)
Prosthodontists.....	560	62.89	130,820	52.55
Dentists, all other specialists.....	4,850	80.77	168,000	78.01
Dietitians and nutritionists.....	56,130	26.66	55,460	26.19
Optometrists.....	27,950	51.79	107,720	45.53
Pharmacists.....	272,320	53.92	112,160	54.51
Anesthesiologists.....	33,310	112.96	234,950	(²)
Family and general practitioners.....	101,800	85.26	177,330	80.29
Internists, general.....	46,740	90.97	189,210	88.06
Obstetricians and gynecologists.....	20,540	105.10	218,610	(²)
Pediatricians, general.....	29,640	81.08	168,650	76.04
Psychiatrists.....	23,140	83.73	174,170	81.90
Surgeons.....	42,340	111.32	231,550	(²)
Physicians and surgeons, all other.....	305,590	88.78	184,650	(²)
Physician assistants.....	83,540	43.01	89,470	42.62
Podiatrists.....	9,210	64.36	133,870	57.33
Registered nurses*.....	2,724,570	33.23	69,110	31.71
Occupational therapists.....	103,570	36.05	74,970	35.49
Physical therapists.....	185,440	38.38	79,830	37.63
Radiation therapists.....	18,380	38.14	79,340	36.84
Recreational therapists.....	19,650	20.65	42,940	19.74
Respiratory therapists.....	113,980	27.05	56,260	26.56
Speech-language pathologists.....	117,210	34.61	72,000	33.22
Therapists, all other*.....	15,720	25.43	52,890	23.61
Veterinarians.....	55,410	43.87	91,250	39.86
Audiologists.....	12,490	34.13	71,000	32.88
Health diagnosing and treating practitioners, all other.....	32,300	40.24	83,710	33.98
Medical and clinical laboratory technologists.....	165,220	27.94	58,120	27.41
Medical and clinical laboratory technicians.....	156,860	18.73	38,960	17.76
Dental hygienists.....	184,110	33.54	69,760	33.31
Cardiovascular technologists and technicians.....	50,410	25.08	52,160	24.53
Diagnostic medical sonographers.....	54,760	31.63	65,800	31.35
Nuclear medicine technologists.....	21,200	33.64	69,960	33.39
Radiologic technologists and technicians*.....	220,540	27.29	56,760	26.50
Emergency medical technicians and paramedics.....	229,340	16.36	34,030	14.77
Dietetic technicians.....	23,490	14.04	29,200	12.85
Pharmacy technicians.....	343,550	14.43	30,020	13.91
Psychiatric technicians.....	69,840	15.08	31,370	13.69
Respiratory therapy technicians.....	13,940	22.76	47,330	22.28
Surgical technologists.....	94,490	20.41	42,460	19.69
Veterinary technologists and technicians.....	78,800	15.18	31,570	14.49
Licensed practical and licensed vocational nurses.....	729,140	20.21	42,040	19.79
Medical records and health information technicians.....	180,280	17.27	35,920	16.01
Opticians, dispensing.....	60,680	16.70	34,750	15.91
Orthotists and prosthetists.....	6,860	34.13	71,000	31.37
Health technologists and technicians, all other*.....	103,120	20.11	41,830	18.31
Occupational health and safety specialists.....	57,950	32.37	67,340	31.86
Occupational health and safety technicians.....	11,090	23.19	48,240	22.13
Athletic trainers.....	18,240	(²)	44,640	(²)
Healthcare practitioners and technical workers, all other*.....	55,450	25.64	53,330	21.61
Healthcare support occupations				
	3,954,070	13.16	27,370	12.08
Home health aides.....	924,650	10.49	21,820	9.91
Nursing aides, orderlies, and attendants*.....	1,466,700	12.22	25,420	11.63
Psychiatric aides.....	71,570	13.11	27,270	12.10
Occupational therapy assistants.....	29,130	25.07	52,150	25.02
Occupational therapy aides.....	7,090	15.28	31,770	13.56
Physical therapist assistants.....	67,550	24.57	51,110	24.54
Physical therapist aides.....	47,640	12.11	25,190	11.39
Massage therapists.....	63,810	19.19	39,920	17.23
Dental assistants.....	296,810	16.70	34,740	16.42
Medical assistants.....	539,220	14.51	30,170	13.99
Medical equipment preparers.....	49,560	14.99	31,180	14.45
Medical transcriptionists.....	76,570	16.37	34,050	16.10
Pharmacy aides.....	45,130	11.23	23,350	10.56
Veterinary assistants and laboratory animal caretakers.....	72,530	11.75	24,430	10.98
Healthcare support workers, all other*.....	196,100	15.50	32,240	14.80

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2011- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Protective service occupations	3,202,500	\$20.54	\$42,730	\$17.66
First-line supervisors of correctional officers.....	40,980	28.26	58,780	26.46
First-line supervisors of police and detectives.....	102,040	39.06	81,250	37.45
First-line supervisors of fire fighting and prevention workers.....	58,210	34.62	72,020	33.42
First-line supervisors of protective service workers, all other.....	55,910	23.37	48,620	22.32
Firefighters.....	304,080	22.94	47,720	21.84
Fire inspectors and investigators.....	12,560	27.45	57,100	25.64
Forest fire inspectors and prevention specialists.....	1,530	18.99	39,500	16.19
Bailiffs.....	16,730	19.79	41,160	18.72
Correctional officers and jailers.....	448,740	20.82	43,300	18.75
Detectives and criminal investigators.....	111,930	36.41	75,720	34.51
Fish and game wardens.....	7,180	26.77	55,670	24.07
Parking enforcement workers.....	9,310	17.35	36,090	16.99
Police and sheriff's patrol officers.....	636,410	27.05	56,260	26.07
Transit and railroad police.....	3,890	28.16	58,560	27.11
Animal control workers.....	14,960	16.54	34,390	15.61
Private detectives and investigators.....	26,080	23.37	48,610	21.01
Gaming surveillance officers and gaming investigators.....	7,580	15.97	33,210	14.62
Security guards.....	1,032,940	13.00	27,040	11.49
Crossing guards.....	68,520	12.44	25,880	11.27
Lifeguards, ski patrol, and other recreational protective service workers.....	123,140	10.02	20,850	9.09
Transportation security screeners* (federal only).....	45,320	17.98	37,400	17.74
Protective service workers, all other *.....	74,470	16.69	34,720	15.05
Food preparation and serving related occupations	11,218,710	10.30	21,430	9.09
Chefs and head cooks.....	90,300	22.40	46,600	20.36
First-line supervisors of food preparation and serving workers.....	787,540	15.39	32,020	14.21
Cooks, fast food.....	502,450	9.00	18,720	8.80
Cooks, institution and cafeteria.....	396,970	11.65	24,230	10.92
Cooks, private household.....	370	14.94	31,080	13.52
Cooks, restaurant.....	947,060	11.25	23,410	10.61
Cooks, short order.....	168,320	10.23	21,280	9.51
Cooks, all other.....	20,700	11.99	24,930	10.96
Food preparation workers.....	775,140	10.07	20,950	9.27
Bartenders.....	512,230	10.36	21,550	9.06
Combined food preparation and serving workers, including fast food.....	2,799,430	9.03	18,790	8.76
Counter attendants, cafeteria, food concession, and coffee shop.....	441,830	9.35	19,450	8.90
Waiters and waitresses.....	2,289,010	10.05	20,890	8.93
Food servers, nonrestaurant.....	221,000	10.52	21,890	9.40
Dining room and cafeteria attendants and bartender helpers.....	391,290	9.40	19,540	8.86
Dishwashers.....	504,280	9.06	18,840	8.83
Hosts and hostesses, restaurant, lounge, and coffee shop.....	329,070	9.45	19,660	8.92
Food preparation and serving related workers, all other.....	41,730	10.94	22,750	9.50
Building and grounds cleaning and maintenance occupations	4,191,750	12.29	25,560	10.87
First-line supervisors of housekeeping and janitorial workers.....	171,960	18.16	37,760	16.94
First-line supervisors of landscaping, lawn service, and groundskeeping workers.....	100,460	21.71	45,160	20.22
Janitors and cleaners, except maids and housekeeping cleaners.....	2,068,460	11.94	24,840	10.75
Maids and housekeeping cleaners.....	877,980	10.31	21,440	9.32
Building cleaning workers, all other.....	12,370	13.89	28,890	13.14
Pest control workers.....	62,270	15.65	32,550	14.53
Landscaping and groundskeeping workers.....	821,750	12.33	25,650	11.26
Pesticide handlers, sprayers, and applicators, vegetation.....	23,540	15.24	31,690	14.42
Tree trimmers and pruners.....	38,530	15.85	32,970	15.06
Grounds maintenance workers, all other.....	14,430	14.07	29,270	12.07
Personal care and service occupations	3,619,250	11.84	24,620	9.96
Gaming supervisors.....	23,080	23.82	49,540	23.47
Slot supervisors.....	8,570	15.18	31,580	14.03
First-line supervisors of personal service workers.....	136,520	18.50	38,480	16.94
Animal trainers.....	10,530	14.67	30,510	12.49
Nonfarm animal caretakers.....	144,240	10.58	22,000	9.38
Gaming dealers.....	88,370	10.54	21,930	8.87
Gaming and sports book writers and runners.....	12,800	11.65	24,240	10.25
Gaming service workers, all other.....	10,270	12.24	25,450	10.61
Motion picture projectionists.....	8,890	10.67	22,200	9.78
Ushers, lobby attendants, and ticket takers.....	105,560	9.69	20,160	8.95
Amusement and recreation attendants.....	253,110	9.60	19,960	8.97
Costume attendants.....	5,460	19.52	40,600	15.77
Locker room, coatroom, and dressing room attendants.....	18,410	10.35	21,520	9.26
Entertainment attendants and related workers, all other.....	22,500	11.51	23,940	10.17
Embalmers.....	6,360	21.66	45,060	21.06
Funeral attendants.....	30,940	11.83	24,600	10.94
Funeral service managers, directors, morticians, and undertakers.....	29,760	29.55	61,460	25.38

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2011- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Personal care and service occupations (Continued)				
Barbers.....	10,430	\$13.49	\$28,050	\$11.63
Hairdressers, hairstylists, and cosmetologists.....	357,030	12.72	26,460	10.85
Makeup artists, theatrical and performance.....	2,040	30.63	63,710	25.52
Manicurists and pedicurists.....	56,270	10.46	21,760	9.35
Shampooers.....	13,240	9.20	19,130	8.86
Skincare specialists.....	31,450	15.42	32,080	14.03
Baggage porters and bellhops.....	44,130	11.49	23,910	10.04
Concierges.....	22,650	13.96	29,030	13.15
Tour guides and escorts.....	30,730	12.82	26,660	11.36
Travel guides.....	4,110	15.91	33,090	14.74
Childcare workers.....	631,240	10.25	21,320	9.34
Personal care aides.....	820,600	9.88	20,560	9.49
Fitness trainers and aerobics instructors.....	231,500	17.38	36,150	14.92
Recreation workers.....	301,840	12.18	25,330	10.64
Residential advisors.....	76,450	12.72	26,460	11.80
Personal care and service workers, all other.....	70,170	11.10	23,100	9.84
Sales and related occupations	13,646,450	18.04	37,520	11.94
First-line supervisors of retail sales workers.....	1,197,390	19.53	40,630	17.54
First-line supervisors of non-retail sales workers.....	235,630	39.62	82,400	33.91
Cashiers.....	3,314,870	9.73	20,230	9.05
Gaming change persons and booth cashiers.....	20,970	12.29	25,560	11.75
Counter and rental clerks.....	420,070	12.75	26,520	10.93
Parts salespersons.....	208,800	15.38	32,000	14.11
Retail salespersons.....	4,270,550	12.08	25,130	10.10
Advertising sales agents.....	144,760	26.65	55,430	21.76
Insurance sales agents.....	321,780	30.28	62,970	22.81
Securities, commodities, and financial services sales agents.....	307,020	47.50	98,810	34.64
Travel agents.....	67,490	17.18	35,740	16.31
Sales representatives, services, all other.....	596,480	29.01	60,340	24.34
Sales representatives, wholesale and manufacturing, technical and scientific products.....	375,500	41.23	85,750	35.94
Sales representatives, wholesale and manufacturing, except technical and scientific products.....	1,390,480	30.54	63,520	25.74
Demonstrators and product promoters.....	72,620	13.66	28,410	11.43
Models.....	2,760	13.38	27,830	8.97
Real estate brokers.....	38,200	40.31	83,830	28.53
Real estate sales agents.....	158,340	24.60	51,170	18.79
Sales engineers.....	65,580	46.79	97,320	42.95
Telemarketers.....	258,060	12.46	25,920	10.83
Door-to-door sales workers, news and street vendors, and related workers.....	6,910	13.27	27,600	10.66
Sales and related workers, all other*.....	172,170	19.19	39,920	15.58
Office and administrative support occupations	21,384,330	16.40	34,120	15.02
First-line supervisors of office and administrative support workers.....	1,364,720	25.16	52,330	23.47
Switchboard operators, including answering service.....	132,680	12.84	26,710	12.18
Telephone operators.....	14,890	16.48	34,270	15.74
Communications equipment operators, all other.....	2,580	19.62	40,800	18.57
Bill and account collectors.....	390,800	16.24	33,770	15.35
Billing and posting clerks.....	485,820	16.31	33,920	15.81
Bookkeeping, accounting, and auditing clerks.....	1,643,470	17.37	36,120	16.70
Gaming cage workers.....	15,690	12.82	26,670	12.30
Payroll and timekeeping clerks.....	176,320	18.31	38,080	17.87
Procurement clerks.....	70,540	18.24	37,940	18.10
Tellers.....	544,150	12.27	25,510	11.82
Brokerage clerks.....	60,720	21.06	43,800	20.08
Correspondence clerks.....	8,680	17.04	35,450	16.51
Court, municipal, and license clerks.....	121,290	17.50	36,390	16.49
Credit authorizers, checkers, and clerks.....	51,240	17.21	35,790	16.13
Customer service representatives.....	2,212,820	15.92	33,120	14.72
Eligibility interviewers, government programs.....	120,610	19.95	41,490	19.74
File clerks.....	165,250	13.20	27,460	12.32
Hotel, motel, and resort desk clerks.....	224,430	10.46	21,760	9.68
Interviewers, except eligibility and loan.....	200,150	14.91	31,010	14.21
Library assistants, clerical.....	109,440	12.30	25,570	11.27
Loan interviewers and clerks.....	186,240	17.21	35,810	16.74
New accounts clerks.....	60,830	15.56	32,360	14.92
Order clerks.....	215,390	14.76	30,690	13.91
Human resources assistants, except payroll and timekeeping.....	145,780	18.43	38,330	17.91
Receptionists and information clerks.....	973,800	12.85	26,730	12.35

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2011- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Office and administrative support occupations (Continued)				
Reservation and transportation ticket agents and travel clerks.....	126,790	\$16.19	\$33,670	\$16.01
Information and record clerks, all other.....	192,910	18.35	38,180	18.16
Cargo and freight agents.....	80,570	19.56	40,680	18.37
Couriers and messengers.....	83,250	12.79	26,600	11.90
Police, fire, and ambulance dispatchers.....	97,100	18.01	37,460	17.27
Dispatchers, except police, fire, and ambulance.....	182,310	18.23	37,910	16.92
Meter readers, utilities.....	40,630	18.17	37,800	17.02
Postal service clerks.....	65,040	25.41	52,860	25.53
Postal service mail carriers.....	315,330	24.71	51,390	26.52
Postal service mail sorters, processors, and processing machine operators.....	139,700	23.26	48,380	25.52
Production, planning, and expediting clerks.....	272,910	21.59	44,900	20.72
Shipping, receiving, and traffic clerks.....	687,940	14.65	30,480	13.84
Stock clerks and order fillers.....	1,782,800	11.66	24,250	10.52
Weighers, measurers, checkers, and samplers, recordkeeping.....	68,090	14.07	29,270	13.17
Executive secretaries and executive administrative assistants.....	952,030	23.13	48,120	21.91
Legal secretaries.....	220,680	21.30	44,310	20.41
Medical secretaries.....	502,850	15.59	32,430	14.93
Secretaries and administrative assistants, except legal, medical, and executive.....	1,955,570	15.87	33,020	15.32
Computer operators.....	77,280	18.89	39,280	18.26
Data entry keyers.....	211,200	13.95	29,010	13.32
Word processors and typists.....	96,330	16.94	35,240	16.47
Desktop publishers.....	18,620	18.77	39,030	17.69
Insurance claims and policy processing clerks.....	218,630	17.72	36,850	16.93
Mail clerks and mail machine operators, except postal service.....	115,010	13.47	28,010	12.79
Office clerks, general.....	2,828,140	13.90	28,920	13.07
Office machine operators, except computer.....	66,280	14.03	29,190	13.26
Proofreaders and copy markers.....	11,270	16.47	34,260	15.35
Statistical assistants.....	14,780	19.49	40,540	18.54
Office and administrative support workers, all other*.....	261,990	16.07	33,420	14.96
Farming, fishing, and forestry occupations				
First-line supervisors of farming, fishing, and forestry workers.....	409,590	11.68	24,300	9.36
Agricultural inspectors.....	18,920	21.97	45,690	20.48
Animal breeders.....	13,780	20.25	42,120	19.90
Graders and sorters, agricultural products.....	1,460	18.11	37,670	16.79
Agricultural equipment operators.....	40,970	9.95	20,690	9.17
Farmworkers and laborers, crop, nursery, and greenhouse.....	22,680	12.90	26,830	12.13
Farmworkers, farm, ranch, and aquacultural animals.....	233,280	9.62	20,020	8.99
Agricultural workers, all other.....	29,790	11.60	24,130	10.62
Fishers and related fishing workers.....	6,710	13.91	28,940	12.16
Forest and conservation workers.....	640	14.53	30,220	12.98
Fallers.....	8,250	13.07	27,180	11.20
Logging equipment operators.....	5,020	20.49	42,620	17.77
Log graders and scalers.....	22,470	16.40	34,110	16.03
Logging workers, all other.....	2,810	16.11	33,500	15.60
	2,760	16.23	33,760	16.28
Construction and extraction occupations				
First-line supervisors of construction trades and extraction workers.....	4,956,770	21.46	44,630	19.15
Boilermakers.....	459,830	30.25	62,910	28.44
Brickmasons and blockmasons.....	18,850	27.23	56,650	27.36
Stonemasons.....	62,560	24.40	50,760	22.50
Carpenters.....	11,950	18.96	39,430	17.62
Carpet installers.....	578,910	21.31	44,330	19.24
Floor layers, except carpet, wood, and hard tiles.....	24,670	19.55	40,650	17.67
Floor sanders and finishers.....	9,660	18.67	38,830	17.00
Tile and marble setters.....	4,970	16.82	34,990	16.04
Cement masons and concrete finishers.....	28,630	19.65	40,860	17.83
Terrazzo workers and finishers.....	135,330	18.93	39,370	17.11
Construction laborers.....	3,500	20.99	43,660	19.83
Paving, surfacing, and tamping equipment operators.....	779,370	16.43	34,170	14.30
Pile-driver operators.....	54,120	18.99	39,500	16.96
Operating engineers and other construction equipment operators.....	3,830	25.07	52,140	21.88
Drywall and ceiling tile installers.....	335,410	21.98	45,720	19.96
Tapers.....	75,520	20.01	41,620	17.78
Electricians.....	15,340	23.51	48,900	21.59
Glaziers.....	512,290	25.44	52,910	23.71
Insulation workers, floor, ceiling, and wall.....	41,960	20.01	41,620	17.96
Insulation workers, mechanical.....	24,170	17.71	36,840	15.59
Painters, construction and maintenance.....	28,600	20.78	43,220	18.27
Paperhangers.....	184,820	18.67	38,830	17.04
Pipelayers.....	4,230	20.10	41,810	18.16
Plumbers, pipefitters, and steamfitters.....	43,570	18.98	39,470	17.26
Plasterers and stucco masons.....	349,320	24.92	51,830	22.96
Reinforcing iron and rebar workers.....	22,810	20.07	41,750	17.71
Roofers.....	15,730	21.83	45,400	18.27
	95,840	18.54	38,570	16.96

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2011- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Construction and extraction occupations (Continued)				
Sheet metal workers.....	130,670	\$22.37	\$46,530	\$20.55
Structural iron and steel workers.....	56,920	24.11	50,160	21.97
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters.....	26,750	14.65	30,470	13.38
Helpers--carpenters.....	40,160	13.20	27,470	12.69
Helpers--electricians.....	65,300	13.84	28,780	13.28
Helpers--painters, paperhangers, plasterers, and stucco masons.....	10,980	12.25	25,490	11.30
Helpers--pipelayers, plumbers, pipefitters, and steamfitters.....	51,420	13.66	28,420	12.99
Helpers--roofers.....	12,540	11.99	24,930	11.18
Helpers, construction trades, all other.....	19,020	13.14	27,340	12.17
Construction and building inspectors.....	89,620	26.43	54,970	25.57
Elevator installers and repairers.....	20,440	35.37	73,560	36.09
Fence erectors.....	21,000	15.31	31,850	14.22
Hazardous materials removal workers.....	36,270	20.07	41,750	18.33
Highway maintenance workers.....	143,760	17.47	36,340	16.93
Rail-track laying and maintenance equipment operators.....	15,590	21.78	45,300	21.64
Septic tank servicers and sewer pipe cleaners.....	24,940	17.13	35,630	16.22
Segmental pavers.....	1,330	16.27	33,850	15.55
Construction and related workers, all other*.....	39,160	18.39	38,250	16.92
Derrick operators, oil and gas.....	19,480	22.66	47,120	21.74
Rotary drill operators, oil and gas.....	21,650	28.15	58,540	24.67
Service unit operators, oil, gas, and mining.....	46,880	21.48	44,670	19.59
Earth drillers, except oil and gas.....	17,020	20.62	42,900	19.33
Explosives workers, ordnance handling experts, and blasters.....	5,210	22.62	47,040	21.81
Continuous mining machine operators.....	12,280	23.88	49,680	24.33
Mine cutting and channeling machine operators.....	5,850	22.58	46,960	23.60
Mining machine operators, all other.....	2,980	22.01	45,790	21.94
Rock splitters, quarry.....	3,600	16.31	33,920	15.63
Roof bolters, mining.....	6,060	25.52	53,090	25.54
Roustabouts, oil and gas.....	51,540	16.67	34,680	15.86
Helpers--extraction workers.....	23,970	17.36	36,110	15.80
Extraction workers, all other.....	8,590	19.47	40,500	19.25
Installation, maintenance, and repair occupations	4,988,980	20.86	43,390	19.52
First-line supervisors of mechanics, installers, and repairers.....	418,530	29.90	62,190	28.77
Computer, automated teller, and office machine repairers.....	111,690	18.44	38,360	17.48
Radio, cellular, and tower equipment installers and repairers.....	12,920	21.27	44,250	20.27
Telecommunications equipment installers and repairers, except line installers.....	199,240	25.42	52,870	25.94
Avionics technicians.....	17,070	26.15	54,390	26.31
Electric motor, power tool, and related repairers.....	18,710	18.30	38,050	17.26
Electrical and electronics installers and repairers, transportation equipment.....	14,410	25.04	52,080	23.95
Electrical and electronics repairers, commercial and industrial equipment.....	67,220	25.20	52,420	25.16
Electrical and electronics repairers, powerhouse, substation, and relay.....	23,850	31.71	65,950	32.43
Electronic equipment installers and repairers, motor vehicles.....	13,610	15.81	32,890	14.52
Electronic home entertainment equipment installers and repairers.....	27,580	17.48	36,360	16.57
Security and fire alarm systems installers.....	56,330	20.24	42,110	19.01
Aircraft mechanics and service technicians.....	117,320	26.20	54,500	26.25
Automotive body and related repairers.....	131,040	19.99	41,570	18.36
Automotive glass installers and repairers.....	13,690	16.52	34,360	16.21
Automotive service technicians and mechanics.....	589,750	18.54	38,560	17.39
Bus and truck mechanics and diesel engine specialists.....	222,940	20.63	42,910	20.02
Farm equipment mechanics and service technicians.....	32,100	16.92	35,190	16.46
Mobile heavy equipment mechanics, except engines.....	109,810	22.48	46,770	21.92
Rail car repairers.....	19,480	22.50	46,800	22.95
Motorboat mechanics and service technicians.....	16,770	17.87	37,170	17.08
Motorcycle mechanics.....	15,010	16.44	34,190	15.58
Outdoor power equipment and other small engine mechanics.....	26,610	15.06	31,330	14.52
Bicycle repairers.....	9,950	11.76	24,460	11.16
Recreational vehicle service technicians.....	10,110	17.26	35,900	16.35
Tire repairers and changers.....	94,740	12.19	25,350	11.27
Mechanical door repairers.....	14,620	18.71	38,920	17.62
Control and valve installers and repairers, except mechanical door.....	42,450	24.40	50,740	23.85
Heating, air conditioning, and refrigeration mechanics and installers.....	231,160	21.89	45,540	20.86
Home appliance repairers.....	34,770	17.97	37,370	17.04
Industrial machinery mechanics.....	292,470	23.09	48,030	22.25
Maintenance workers, machinery.....	77,980	19.77	41,110	18.98
Millwrights.....	37,730	24.35	50,650	23.69
Refractory materials repairers, except brickmasons.....	2,040	21.57	44,860	20.53
Electrical power-line installers and repairers.....	105,570	28.58	59,450	28.94
Telecommunications line installers and repairers.....	148,930	24.68	51,330	24.87
Camera and photographic equipment repairers.....	2,650	20.07	41,750	17.86
Medical equipment repairers.....	34,710	22.60	47,010	21.57
Musical instrument repairers and tuners.....	6,850	16.27	33,850	14.95
Watch repairers.....	2,480	19.51	40,590	18.82
Precision instrument and equipment repairers, all other.....	12,230	24.99	51,970	24.87
Maintenance and repair workers, general.....	1,225,450	17.75	36,930	16.84

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2011- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Installation, maintenance, and repair occupations (Continued)				
Coin, vending, and amusement machine servicers and repairers.....	36,940	\$15.58	\$32,400	\$14.82
Commercial divers.....	3,760	28.19	58,640	25.26
Fabric menders, except garment.....	760	14.22	29,580	13.45
Locksmiths and safe repairers.....	16,200	18.50	38,490	17.63
Manufactured building and mobile home installers.....	4,320	14.59	30,350	13.70
Riggers.....	13,750	21.39	44,480	20.68
Signal and track switch repairers.....	8,300	26.06	54,210	26.25
Helpers--installation, maintenance, and repair workers.....	122,820	12.78	26,580	11.57
Installation, maintenance, and repair workers, all other*.....	119,580	19.07	39,670	17.65
Production occupations	8,365,980	16.45	34,220	14.74
First-line supervisors of production and operating workers.....	559,350	27.35	56,890	25.80
Aircraft structure, surfaces, rigging, and systems assemblers.....	36,570	23.23	48,310	22.22
Coil winders, tapers, and finishers.....	13,670	14.98	31,150	14.15
Electrical and electronic equipment assemblers.....	187,920	15.04	31,290	13.96
Electromechanical equipment assemblers.....	50,320	15.77	32,800	15.26
Engine and other machine assemblers.....	36,670	18.86	39,230	17.51
Structural metal fabricators and fitters.....	76,050	17.63	36,670	16.91
Fiberglass laminators and fabricators.....	19,070	14.16	29,440	13.72
Team assemblers.....	952,300	14.30	29,740	13.22
Timing device assemblers and adjusters.....	1,000	15.20	31,620	14.36
Assemblers and fabricators, all other.....	265,260	14.16	29,450	12.56
Bakers.....	149,910	12.10	25,160	11.18
Butchers and meat cutters.....	130,720	14.43	30,000	13.68
Meat, poultry, and fish cutters and trimmers.....	164,650	11.44	23,800	10.92
Slaughterers and meat packers.....	80,110	11.63	24,190	11.30
Food and tobacco roasting, baking, and drying machine operators and tenders.....	18,890	14.01	29,140	13.26
Food batchmakers.....	100,210	13.26	27,580	12.23
Food cooking machine operators and tenders.....	31,020	12.89	26,820	11.79
Computer-controlled machine tool operators, metal and plastic.....	128,870	17.56	36,520	16.93
Computer numerically controlled machine tool programmers, metal and plastic.....	20,370	23.30	48,460	22.06
Extruding and drawing machine setters, operators, and tenders, metal and plastic.....	75,170	16.40	34,120	15.53
Forging machine setters, operators, and tenders, metal and plastic.....	21,790	16.77	34,890	16.54
Rolling machine setters, operators, and tenders, metal and plastic.....	35,180	18.16	37,780	17.75
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic.....	181,160	14.97	31,140	14.29
Drilling and boring machine tool setters, operators, and tenders, metal and plastic.....	21,560	17.02	35,410	16.11
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic.....	70,450	15.79	32,840	15.04
Lathe and turning machine tool setters, operators, and tenders, metal and plastic.....	39,930	17.89	37,210	17.34
Milling and planing machine setters, operators, and tenders, metal and plastic.....	21,700	18.03	37,510	17.37
Machinists.....	368,510	19.48	40,520	18.86
Metal-refining furnace operators and tenders.....	18,050	19.27	40,070	18.60
Pourers and casters, metal.....	11,070	17.08	35,520	16.41
Model makers, metal and plastic.....	5,780	22.34	46,460	21.56
Patternmakers, metal and plastic.....	4,290	19.94	41,470	19.21
Foundry mold and coremakers.....	11,680	15.28	31,790	14.81
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic.....	118,300	14.61	30,380	13.69
Multiple machine tool setters, operators, and tenders, metal and plastic.....	77,290	16.61	34,550	15.97
Tool and die makers.....	70,320	23.16	48,170	22.43
Welders, cutters, solderers, and brazers.....	316,290	18.23	37,920	17.27
Welding, soldering, and brazing machine setters, operators, and tenders.....	40,350	17.36	36,120	16.72
Heat treating equipment setters, operators, and tenders, metal and plastic.....	20,770	16.89	35,130	16.15
Layout workers, metal and plastic.....	9,600	19.23	39,990	19.17
Plating and coating machine setters, operators, and tenders, metal and plastic.....	31,150	15.36	31,960	14.25
Tool grinders, filers, and sharpeners.....	11,860	17.15	35,670	16.62
Metal workers and plastic workers, all other.....	21,720	16.79	34,910	15.16
Prepress technicians and workers.....	43,430	18.69	38,870	17.82
Printing press operators.....	179,220	17.19	35,760	16.49
Print binding and finishing workers.....	53,980	14.98	31,150	14.15
Laundry and dry-cleaning workers.....	201,180	10.28	21,380	9.46
Pressers, textile, garment, and related materials.....	52,790	9.87	20,530	9.35
Sewing machine operators.....	142,860	11.10	23,080	10.15
Shoe and leather workers and repairers.....	5,360	12.35	25,680	11.26
Shoe machine operators and tenders.....	3,510	12.75	26,520	12.18
Sewers, hand.....	5,460	12.30	25,590	11.32
Tailors, dressmakers, and custom sewers.....	25,530	13.85	28,800	12.60
Textile bleaching and dyeing machine operators and tenders.....	11,870	12.01	24,980	11.22
Textile cutting machine setters, operators, and tenders.....	15,980	12.20	25,380	11.39
Textile knitting and weaving machine setters, operators, and tenders.....	21,160	12.86	26,760	12.55
Textile winding, twisting, and drawing out machine setters, operators, and tenders.....	27,400	12.72	26,460	12.66

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2011- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Production occupations (Continued)				
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers.....	16,050	\$15.43	\$32,100	\$15.27
Fabric and apparel patternmakers.....	6,410	21.47	44,650	19.14
Upholsterers.....	28,260	15.21	31,640	14.31
Textile, apparel, and furnishings workers, all other.....	13,980	13.87	28,850	12.05
Cabinetmakers and bench carpenters.....	81,260	15.49	32,220	14.68
Furniture finishers.....	14,850	14.29	29,720	13.63
Model makers, wood.....	1,370	16.79	34,930	13.82
Patternmakers, wood.....	820	19.54	40,630	18.69
Sawing machine setters, operators, and tenders, wood.....	37,620	13.19	27,440	12.60
Woodworking machine setters, operators, and tenders, except sawing.....	58,730	13.54	28,160	13.02
Woodworkers, all other.....	7,600	13.84	28,790	12.05
Nuclear power reactor operators.....	6,240	37.28	77,550	36.82
Power distributors and dispatchers.....	11,600	34.79	72,360	33.99
Power plant operators.....	39,980	30.97	64,420	31.38
Stationary engineers and boiler operators.....	34,580	25.87	53,800	25.52
Water and wastewater treatment plant and system operators.....	109,190	20.93	43,530	20.09
Chemical plant and system operators.....	40,580	26.40	54,920	26.90
Gas plant operators.....	11,750	28.78	59,870	28.63
Petroleum pump system operators, refinery operators, and gaugers.....	41,570	28.99	60,290	29.45
Plant and system operators, all other.....	11,740	25.46	52,960	25.58
Chemical equipment operators and tenders.....	49,020	22.33	46,440	21.90
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders.....	39,660	18.70	38,910	18.14
Crushing, grinding, and polishing machine setters, operators, and tenders.....	31,540	16.21	33,720	15.57
Grinding and polishing workers, hand.....	27,630	13.80	28,710	13.18
Mixing and blending machine setters, operators, and tenders.....	118,700	16.80	34,930	16.15
Cutters and trimmers, hand.....	14,670	12.75	26,510	11.83
Cutting and slicing machine setters, operators, and tenders.....	59,430	15.27	31,760	14.82
Extruding, forming, pressing, and compacting machine setters, operators, and tenders.....	66,330	15.85	32,960	14.99
Furnace, kiln, oven, drier, and kettle operators and tenders.....	18,940	17.63	36,680	16.96
Inspectors, testers, sorters, samplers, and weighers.....	434,170	17.64	36,690	16.36
Jewelers and precious stone and metal workers.....	21,640	18.37	38,200	16.36
Dental laboratory technicians.....	37,600	18.54	38,550	17.11
Medical appliance technicians.....	13,390	18.12	37,680	17.13
Ophthalmic laboratory technicians.....	27,630	14.38	29,920	13.82
Packaging and filling machine operators and tenders.....	354,810	13.44	27,950	12.32
Coating, painting, and spraying machine setters, operators, and tenders.....	77,090	15.10	31,410	14.43
Painters, transportation equipment.....	44,730	20.69	43,040	19.04
Painting, coating, and decorating workers.....	19,370	13.21	27,480	12.34
Semiconductor processors.....	22,070	16.45	34,220	15.64
Photographic process workers and processing machine operators.....	50,570	12.39	25,770	10.99
Adhesive bonding machine operators and tenders.....	16,040	14.90	30,990	14.22
Cleaning, washing, and metal pickling equipment operators and tenders.....	16,430	13.67	28,420	12.67
Cooling and freezing equipment operators and tenders.....	8,080	14.93	31,060	14.04
Etchers and engravers.....	8,260	14.48	30,120	13.71
Molders, shapers, and casters, except metal and plastic.....	30,600	14.70	30,570	13.92
Paper goods machine setters, operators, and tenders.....	93,290	16.89	35,140	16.48
Tire builders.....	16,690	18.92	39,360	19.59
Helpers--production workers.....	420,910	11.72	24,370	10.83
Production workers, all other*.....	235,910	14.74	30,670	13.19
Transportation and material moving occupations				
Aircraft cargo handling supervisors.....	6,710	24.28	50,500	22.52
First-line supervisors of helpers, laborers, and material movers, hand.....	166,560	22.52	46,840	21.43
First-line supervisors of transportation and material-moving machine and vehicle operators.....	198,690	26.54	55,210	25.45
Airline pilots, copilots, and flight engineers.....	68,350	(²)	118,070	(²)
Commercial pilots.....	31,630	(²)	76,050	(²)
Air traffic controllers.....	23,580	55.03	114,460	54.59
Airfield operations specialists.....	6,060	23.90	49,710	22.68
Flight attendants.....	87,190	(²)	41,720	(²)
Ambulance drivers and attendants, except emergency medical technicians.....	18,080	11.68	24,300	10.97
Bus drivers, transit and intercity.....	176,190	18.00	37,440	17.17
Bus drivers, school or special client.....	477,400	14.05	29,220	13.51
Driver/sales workers.....	387,950	13.22	27,490	10.95
Heavy and tractor-trailer truck drivers.....	1,508,620	19.15	39,830	18.24
Light truck or delivery services drivers.....	771,210	15.92	33,120	13.98
Taxi drivers and chauffeurs.....	166,890	12.03	25,020	10.94
Motor vehicle operators, all other.....	61,600	15.15	31,510	13.07
Locomotive engineers.....	38,790	25.45	52,940	23.74
Locomotive firers.....	1,670	23.47	48,820	21.50
Rail yard engineers, dinky operators, and hostlers.....	5,060	20.93	43,540	19.71

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2011- Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Transportation and material moving occupations (Continued)				
Railroad brake, signal, and switch operators.....	23,830	\$23.61	\$49,110	\$24.24
Railroad conductors and yardmasters.....	44,280	27.03	56,230	25.90
Subway and streetcar operators.....	5,920	28.56	59,400	30.68
Rail transportation workers, all other.....	2,400	22.52	46,840	23.56
Sailors and marine oilers.....	31,280	18.59	38,670	17.69
Captains, mates, and pilots of water vessels.....	30,220	34.50	71,760	30.73
Motorboat operators.....	2,550	18.81	39,130	17.60
Ship engineers.....	10,010	35.84	74,540	34.06
Bridge and lock tenders.....	3,420	20.90	43,460	22.09
Parking lot attendants.....	126,160	10.38	21,600	9.53
Automotive and watercraft service attendants.....	102,090	10.33	21,480	9.58
Traffic technicians.....	6,280	21.54	44,810	20.34
Transportation inspectors.....	24,810	31.62	65,770	29.92
Transportation attendants, except flight attendants.....	27,040	11.64	24,210	10.41
Transportation workers, all other.....	30,180	17.42	36,230	16.38
Conveyor operators and tenders.....	37,200	14.90	30,990	14.09
Crane and tower operators.....	41,070	24.06	50,040	22.34
Dredge operators.....	1,590	18.32	38,100	16.12
Excavating and loading machine and dragline operators.....	47,530	19.48	40,520	17.97
Loading machine operators, underground mining.....	2,290	22.44	46,680	21.91
Hoist and winch operators.....	3,320	22.40	46,590	19.98
Industrial truck and tractor operators.....	503,290	15.31	31,840	14.43
Cleaners of vehicles and equipment.....	290,780	10.87	22,600	9.54
Laborers and freight, stock, and material movers, hand.....	2,063,580	12.62	26,240	11.42
Machine feeders and offbearers.....	110,950	13.67	28,430	12.99
Packers and packagers, hand.....	666,860	10.81	22,480	9.55
Gas compressor and gas pumping station operators.....	3,870	25.52	53,080	25.21
Pump operators, except wellhead pumpers.....	12,150	22.31	46,400	21.09
Wellhead pumpers.....	13,190	20.23	42,070	19.87
Refuse and recyclable material collectors.....	123,160	16.55	34,420	15.52
Mine shuttle car operators.....	3,080	24.50	50,970	24.43
Tank car, truck, and ship loaders.....	10,960	20.84	43,350	19.16
Material moving workers, all other.....	28,370	18.76	39,020	16.90

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 above \$90.00 per hour.

⁴ Estimates not released.

* Occupation titles followed by an asterisk (*) have similar titles, but not necessarily the same content as 2010 SOC occupations.