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## OCCUPATIONAL EMPLOYMENT AND WAGES — MAY 2012

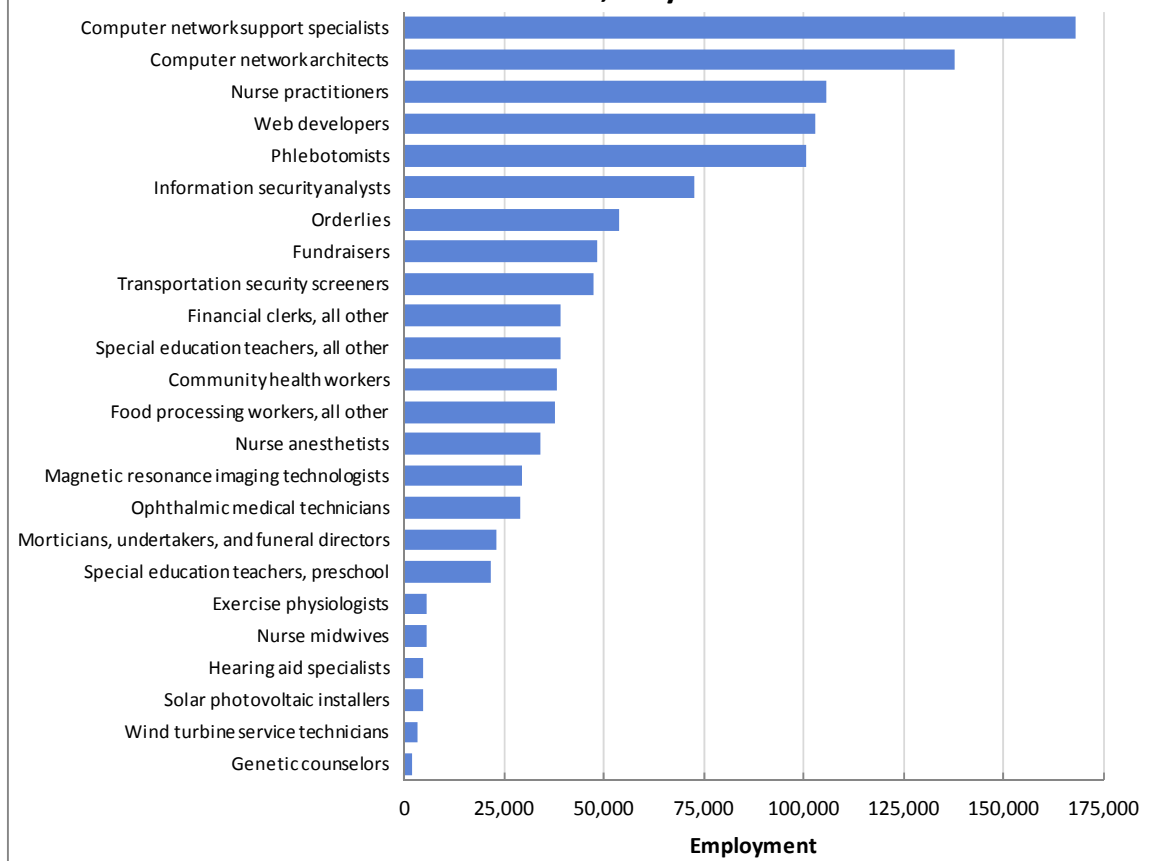
Computer network support specialists, with employment of 167,980 in May 2012, and nurse practitioners, with employment of 105,780, were 2 of the largest new occupations in the 2010 Standard Occupational Classification (SOC) system, the U.S. Bureau of Labor Statistics reported today. These are 2 of 24 newly defined detailed occupations shown in chart 1 and table A. National employment and wage information for all occupations in the 2010 SOC is shown in table 1.

The data in this news release 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 821 detailed occupations. In addition, national employment and wage estimates for 94 minor occupational groups and 458 broad occupations are available for the first time.

### New 2010 SOC Occupations

- Other large newly defined occupations include computer network architects, with employment of 137,890, and web developers, with employment of 102,940. Phlebotomists, who draw blood for tests, transfusions, donations, or research, had employment of 100,380 in May 2012. (See chart 1 and table A.)
- Some new occupations were quite small: genetic counselors, wind turbine service technicians, and solar photovoltaic installers each had employment of less than 5,000. (See chart 1 and table A.)
- Several newly defined occupations earned high wages relative to the U.S. annual mean of \$45,790. Nurse anesthetists had an annual mean wage of \$154,390, nurse practitioners, \$91,450, and nurse midwives, \$91,070. Information security analysts had an annual mean wage of \$89,290 and computer network architects, \$94,000. (See table A.)
- Orderlies, with an annual mean wage of \$25,700, was among the lowest paid occupations new to the 2010 SOC. Phlebotomists (\$30,910), ophthalmic medical technicians (\$35,590), and community health workers (\$37,490) also had wages below the U.S. average. (See table A.)

**Chart 1. Employment for new 2010 SOC occupations,  
United States, May 2012**



Occupational profiles for all occupations are available on the BLS website at [www.bls.gov/oes/current/oes\\_stru.htm](http://www.bls.gov/oes/current/oes_stru.htm).

### Major Occupational Groups

- Among the 22 major occupational groups, office and administrative support had the largest employment in May 2012, making up more than 16 percent of total U.S. employment. Sales and related occupations was the second largest major group with nearly 11 percent of U.S. employment. The sales and related group includes the two largest detailed occupations in the U.S.—retail salespersons and cashiers. These two occupations combined accounted for nearly 6 percent of U.S. employment in May 2012. (See chart 2.)
- The smallest major occupational groups included legal occupations and life, physical, and social science occupations, each making up less than 1 percent of total employment. (See chart 2.)
- The highest paying major occupational groups were management, legal, computer and mathematical, and architecture and engineering occupations. Most of the detailed occupations in these groups were also high paying. In fact, all 19 of the detailed occupations in the computer

**Table A. National employment and wages for occupations identified as new in the 2010 Standard Occupational Classification (SOC) system, May 2012**

2010 SOC Code	Occupation	Employment	Mean wages		Median Hourly Wages
			Hourly	Annual <sup>1</sup>	
13-1131	Fundraisers	48,530	\$26.55	\$55,220	\$24.37
15-1122	Information security analysts	72,670	42.93	89,290	41.43
15-1134	Web developers	102,940	31.78	66,100	30.05
15-1143	Computer network architects	137,890	45.19	94,000	43.75
15-1152	Computer network support specialists	167,980	30.27	62,960	28.41
21-1094	Community health workers	38,020	18.02	37,490	16.64
25-2051	Special education teachers, preschool	21,770	( <sup>2</sup> )	57,770	( <sup>2</sup> )
25-2059	Special education teachers, all other	39,260	( <sup>2</sup> )	56,160	( <sup>2</sup> )
29-1128	Exercise physiologists	5,820	22.89	47,610	21.53
29-1151	Nurse anesthetists	34,180	74.22	154,390	71.23
29-1161	Nurse midwives	5,710	43.78	91,070	43.08
29-1171	Nurse practitioners	105,780	43.97	91,450	43.25
29-2035	Magnetic resonance imaging technologists	29,560	31.45	65,410	31.42
29-2057	Ophthalmic medical technicians	29,170	17.11	35,590	16.46
29-2092	Hearing aid specialists	4,980	22.49	46,780	19.92
29-9092	Genetic counselors	2,000	26.84	55,820	27.31
31-1015	Orderlies	53,920	12.35	25,700	11.53
31-9097	Phlebotomists	100,380	14.86	30,910	14.29
33-9093	Transportation security screeners	47,200	17.85	37,130	17.71
39-4031	Morticians, undertakers, and funeral directors	23,070	25.33	52,690	22.52
43-3099	Financial clerks, all other	39,290	19.03	39,580	17.72
47-2231	Solar photovoltaic installers	4,710	19.53	40,620	18.22
49-9081	Wind turbine service technicians	3,200	23.23	48,320	22.10
51-3099	Food processing workers, all other	37,570	11.96	24,880	11.12

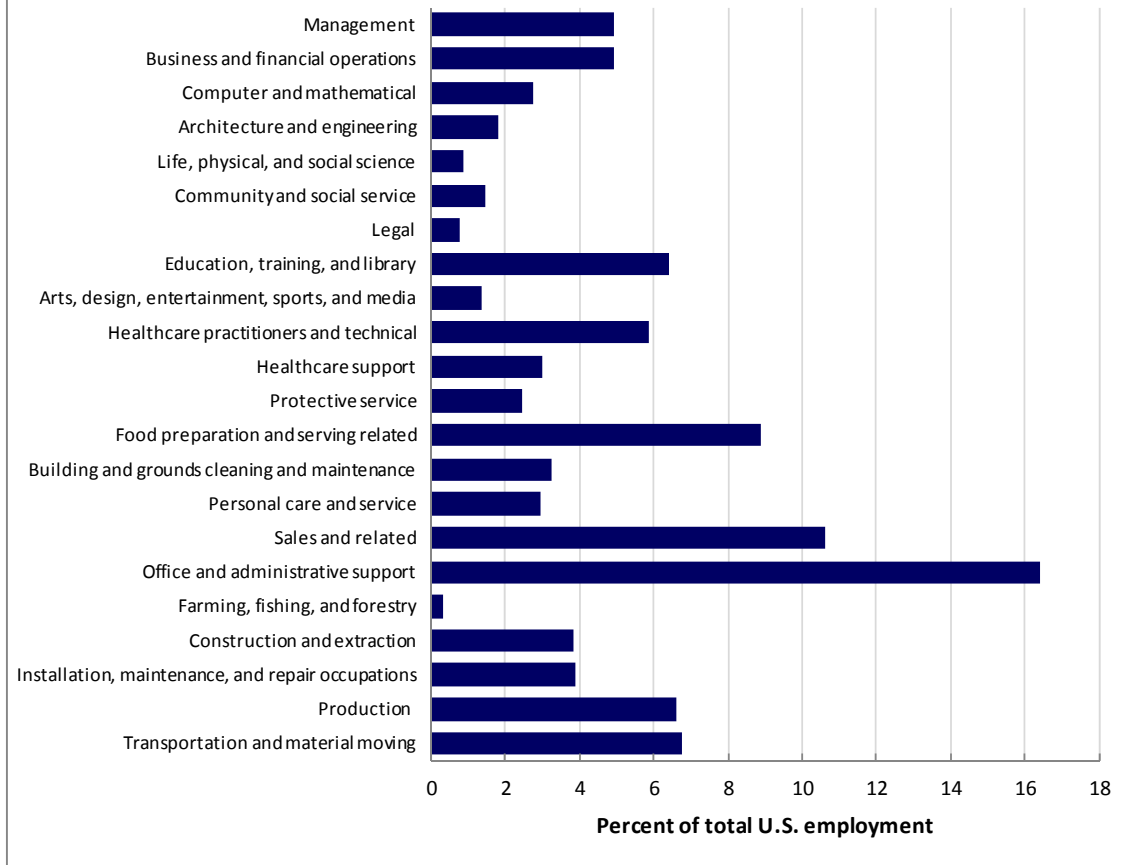
<sup>1</sup> Annual wages have been calculated by multiplying the hourly mean wage by a "year-round, full-time" hours figure of 2,080 hours; for those occupations where there is not an hourly mean wage published, the annual wage has been directly calculated from the reported survey data.

<sup>2</sup> 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.

and mathematical group had mean annual wages above the \$45,790 average for all occupations. Within these 19 occupations, annual mean wages ranged from \$50,130 for computer user support specialists to \$106,680 for actuaries. In the architecture and engineering group, 34 of the 35 detailed occupations paid above-average wages. (See table 1.)

- The lowest paying major occupational group was food preparation and serving related occupations with an annual mean wage of \$21,380. All but 1 detailed occupation within this major group had average wages below \$32,000. The exception was chefs and head cooks, with an annual mean wage of \$46,570, slightly above the all-occupations average. In the personal care and service occupational group, which had an annual mean wage of \$24,550, only 3 of the 33 detailed occupations had above-average wages. (See table 1.)

**Chart 2. Major occupational groups as a percent of total U.S. employment, May 2012**



## Private and Government Employers

The OES program provides data for private employers and federal, state, and local governments separately.

- The private sector accounted for over 90 percent of employment in more than half of the detailed occupations, including 6 of the 10 largest occupations in the U.S. Almost all of the 4.3 million retail sales workers, 3.3 million cashiers, and 2.3 million waiters and waitresses were employed in the private sector. Of the 10 largest occupations in the private sector, 7 had annual mean wages below \$30,000. Among the largest occupations in the private sector, general and operations managers (\$115,930) and registered nurses (\$68,070) had the highest wages.
- Five of the 6 largest occupations in the public sector were education related: elementary school teachers, except special education; middle school teachers, except special and career/technical education; secondary school teachers, except special and career/technical education; teacher assistants; and substitute teachers. Over 75 percent of employment in each of these occupations was in the public sector, and for each, over 95 percent of their public sector employment was in local government. Other occupations with a large share of employment in local government included firefighters and police and sheriff's patrol officers.

- Correctional officers and jailers (237,380), general office clerks (183,800), and registered nurses (138,210) were the largest occupations in state government. Combined, these 3 occupations accounted for over 12 percent of all state government employment.
- Three of the 6 largest occupations in the federal government were specific to the U.S. Postal Service—postal service mail carriers; postal service mail sorters, processors, and processing machine operators; and postal service clerks—which combined accounted for 19 percent of federal employment. Also among the largest federal government occupations were 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](http://www.bls.gov/oes/current/oesrci.htm).

## **Industries**

- Health care and social assistance was the industry sector with the largest employment in May 2012. Registered nurses and nursing assistants were the largest detailed occupations in this sector, with about 2.3 million and 1.3 million jobs, respectively. About 71 percent of registered nurses in the health care and social assistance sector were in hospitals, while nearly 63 percent of nursing assistants in the sector were employed by nursing and residential care facilities.
- Retail trade was the second largest industry sector in May 2012. Nearly 53 percent of the retail sector's employment came from 3 detailed occupations: retail salespersons, cashiers, and first-line supervisors of retail sales workers. Other large industry sectors in May 2012 included educational services, manufacturing, and accommodation and food services.
- Industries with the highest annual mean wages in May 2012 included 3 from the finance and insurance sector—securities and commodity exchanges (\$98,670), other financial investment activities (\$95,190), and securities and commodity contracts intermediation and brokerage (\$94,760). Other high-paying industries included oil and gas extraction (\$92,270) and software publishers (\$91,050). These industries tended to be small in terms of employment and the largest occupations within them tended to pay high wages. For example, 9 of the 10 largest detailed occupations in software publishing had mean annual wages well above average, including systems software developers (\$104,960), applications software developers (\$99,140), and market research analysts and marketing specialists (\$88,670).
- Restaurants and other eating places, in the accommodation and food services sector, had the lowest mean wage in May 2012 at \$21,520. Nine of the 10 largest detailed occupations in this industry had wages that averaged less than \$23,000. The retail trade sector included 7 of the 10 lowest-paying industries, including gasoline stations, book stores and news dealers, and shoe stores. Cashiers, with an annual mean wage of \$18,920, made up 66 percent of employment in gasoline stations. Retail salespersons was the largest occupation in book stores and news dealers and in shoe stores, with mean wages of \$21,240 and \$21,190, respectively.

OES data by industry are available on the BLS website at [www.bls.gov/oes/current/oesrci.htm](http://www.bls.gov/oes/current/oesrci.htm).

## **States and Areas**

- 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, Texas and

California had the highest employment of aircraft mechanics and service technicians, 12,110 and 11,420, respectively. However, smaller states often had higher-than-average shares of employment for particular occupations. For example, as a share of total employment, Alaska and Oklahoma each had nearly 4 times as many aircraft mechanics and service technicians as the U.S. as a whole.

- Similarly, the largest metropolitan areas tended to have the highest numbers of jobs in many individual occupations, but smaller metropolitan areas often had higher concentrations of specific occupations. For example, New York-Northern New Jersey-Long Island, N.Y.-N.J.-Pa., and Washington-Arlington-Alexandria, D.C.-Va.-Md.-W.Va., had the highest employment of detectives and criminal investigators, although neither area had a particularly high concentration of this occupation. However, Laredo, Texas, had a concentration of detectives and criminal investigators roughly 17 times the U.S. average followed by Las Cruces, N.M., with a concentration of nearly 12 times the average for this occupation.
- Wages for occupations also varied considerably across states and metropolitan areas. For example, annual mean wages for accountants and auditors ranged from \$54,620 in North Dakota and \$57,140 in West Virginia to \$87,370 in the District of Columbia and \$85,140 in New York. Wages for this occupation varied even more by area than by state: among metropolitan areas with at least 100 accountants and auditors, annual mean wages ranged from \$47,820 in Jefferson City, Mo., and \$48,320 in Steubenville-Weirton, Ohio-W.Va., to \$87,740 in Ocean City, N.J., and \$91,240 in New York-White Plains-Wayne, N.Y.-N.J.

OES data, including location quotients, by state and metropolitan/nonmetropolitan area are available on the BLS website at [www.bls.gov/oes/current/oessrcst.htm](http://www.bls.gov/oes/current/oessrcst.htm) and [www.bls.gov/oes/current/oessrcma.htm](http://www.bls.gov/oes/current/oessrcma.htm), respectively.

### **Notes on Occupational Employment Statistics Data**

With the release of the May 2012 estimates, OES data are based on the 2010 Standard Occupational Classification (SOC) system for the first time. In addition to 22 major occupational groups and 821 detailed occupations, employment and wage estimates for 94 minor groups and 458 broad occupations are available in the national data for the first time. Information about the 2010 SOC is available on the BLS website at [www.bls.gov/soc/](http://www.bls.gov/soc/).

The May 2012 OES estimates are the first to be produced using the 2012 North American Industry Classification System (NAICS). Information about the 2012 NAICS is available on the BLS website at [www.bls.gov/bls/naics.htm](http://www.bls.gov/bls/naics.htm).

# 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 North American Industry Classification System (NAICS) sector, 3-, 4-, and selected 5- and 6-digit industry levels; and national estimates by ownership across all industries and for schools and hospitals.

The OES survey is a cooperative effort between BLS and the State Workforce Agencies (SWAs). BLS funds the survey and provides the procedures and technical support, while the State Workforce Agencies collect most of the data. OES estimates are constructed from a sample of about 1.2 million establishments. Each year, forms are mailed to two semiannual panels of approximately 200,000 sampled establishments, one panel in May and the other in November. May 2012 estimates are based on responses from six semiannual panels collected over a 3-year period: May 2012, November 2011, May 2011, November 2010, May 2010, and November 2009. The overall national response rate for the six panels is 76.6 percent based on establishments and 72.9 percent based on employment. The unweighted employment of sampled establishments across all six semiannual panels represents approximately 59.3 percent of total national employment.

## The occupational coding system

The OES survey categorizes workers into 821 detailed occupations based on the 2010 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. OES estimates for 2010 and 2011 were based on a hybrid structure of the 2000 and 2010 SOC systems. For more information about the hybrid structure, please see the Bureau of Labor Statistics website at [www.bls.gov/oes/oes\\_ques.htm#q40](http://www.bls.gov/oes/oes_ques.htm#q40).

For more information about the SOC system, please see the BLS website at [www.bls.gov/soc/](http://www.bls.gov/soc/).

## The industry coding system

The 2012 OES estimates are the first estimates based on the 2012 NAICS. Previous OES estimates were based on the 2007 NAICS. For more information about NAICS, see the BLS website at [www.bls.gov/bls/naics.htm](http://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.

## Surveys 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 23 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 2011 and May 2012 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](http://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/2012/may/methods\\_statement.pdf](http://www.bls.gov/oes/2012/may/methods_statement.pdf).

**Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2012**

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual <sup>1</sup>	
<b>All occupations</b>	<b>130,287,700</b>	<b>\$22.01</b>	<b>\$45,790</b>	<b>\$16.71</b>
<b>Management occupations</b>	<b>6,390,430</b>	<b>52.20</b>	<b>108,570</b>	<b>45.15</b>
Top executives.....	2,212,150	57.72	120,060	47.86
Chief executives.....	255,940	85.02	176,840	80.84
General and operations managers.....	1,899,460	55.22	114,850	45.88
Legislators.....	56,760	(?)	38,590	(?)
Advertising, marketing, promotions, public relations, and sales managers.....	598,110	58.24	121,150	51.90
Advertising and promotions managers.....	28,420	51.47	107,060	42.59
Marketing and sales managers.....	516,170	59.26	123,260	53.05
Marketing managers.....	171,430	62.44	129,870	57.44
Sales managers.....	344,730	57.68	119,980	50.60
Public relations and fundraising managers.....	53,520	52.05	108,260	45.89
Operations specialties managers.....	1,532,610	53.54	111,350	48.42
Administrative services managers.....	264,090	42.63	88,660	38.98
Computer and information systems managers.....	309,740	62.08	129,130	58.15
Financial managers.....	484,910	59.26	123,260	52.76
Industrial production managers.....	160,550	46.87	97,490	42.88
Purchasing managers.....	69,400	51.06	106,200	48.16
Transportation, storage, and distribution managers.....	98,600	42.75	88,920	39.34
Compensation and benefits managers.....	19,960	50.92	105,920	45.79
Human resources managers.....	98,020	52.69	109,590	47.94
Training and development managers.....	27,350	49.91	103,810	45.86
Other management occupations.....	2,047,560	43.46	90,400	39.39
Farmers, ranchers, and other agricultural managers.....	3,970	35.45	73,730	33.32
Construction managers.....	207,580	43.73	90,960	39.80
Education administrators.....	426,670	42.38	88,150	39.87
Education administrators, preschool and childcare center/program.....	48,410	24.55	51,060	21.13
Education administrators, elementary and secondary school.....	225,970	(?)	90,800	(?)
Education administrators, postsecondary.....	122,930	47.77	99,370	41.58
Education administrators, all other.....	29,360	39.37	81,890	36.95
Architectural and engineering managers.....	187,640	64.06	133,240	60.03
Food service managers.....	189,510	25.28	52,580	23.06
Funeral service managers.....	9,130	38.43	79,930	32.08
Gaming managers.....	4,490	34.32	71,390	31.36
Lodging managers.....	29,730	26.35	54,800	22.50
Medical and health services managers.....	293,490	47.34	98,460	42.59
Natural sciences managers.....	48,560	62.69	130,400	55.64
Postmasters and mail superintendents.....	23,790	29.85	62,080	30.31
Property, real estate, and community association managers.....	159,570	30.56	63,570	25.29
Social and community service managers.....	115,360	30.99	64,460	28.83
Emergency management directors.....	9,550	31.12	64,730	28.73
Managers, all other.....	338,520	50.79	105,650	48.51
<b>Business and financial operations occupations</b>	<b>6,419,370</b>	<b>33.44</b>	<b>69,550</b>	<b>30.05</b>
Business operations specialists.....	3,987,180	32.66	67,940	29.92
Agents and business managers of artists, performers, and athletes.....	11,770	42.61	88,620	30.47
Buyers and purchasing agents.....	399,990	29.29	60,920	27.35
Buyers and purchasing agents, farm products.....	10,370	28.74	59,770	26.79
Wholesale and retail buyers, except farm products.....	108,670	27.60	57,420	24.75
Purchasing agents, except wholesale, retail, and farm products.....	280,950	29.96	62,310	28.25
Claims adjusters, appraisers, examiners, and investigators.....	275,050	29.56	61,480	28.78
Claims adjusters, examiners, and investigators.....	263,280	29.58	61,530	28.83
Insurance appraisers, auto damage.....	11,770	28.96	60,230	28.18
Compliance officers.....	227,500	31.23	64,960	29.82
Cost estimators.....	195,230	30.33	63,080	28.30
Human resources workers.....	471,340	28.79	59,890	26.73
Human resources specialists.....	394,380	29.16	60,660	26.83
Farm labor contractors.....	1,030	18.55	38,590	14.74
Labor relations specialists.....	75,930	27.02	56,210	26.28
Logisticians.....	119,560	36.38	75,670	34.99
Management analysts.....	540,440	42.34	88,070	37.79
Meeting, convention, and event planners.....	70,480	23.96	49,830	22.02
Fundraisers.....	48,530	26.55	55,220	24.37
Compensation, benefits, and job analysis specialists.....	85,620	29.90	62,200	28.41
Training and development specialists.....	217,930	28.64	59,560	26.89
Market research analysts and marketing specialists.....	392,740	32.39	67,380	28.99
Business operations specialists, all other.....	931,010	33.90	70,520	31.31
Financial specialists.....	2,432,190	34.70	72,180	30.32
Accountants and auditors.....	1,129,340	34.15	71,040	30.55
Appraisers and assessors of real estate.....	59,530	26.53	55,180	23.82
Budget analysts.....	58,280	34.66	72,100	33.31
Credit analysts.....	61,240	33.42	69,500	29.36
Financial analysts and advisors.....	507,090	41.46	86,240	34.51
Financial analysts.....	239,810	42.98	89,410	37.00
Personal financial advisors.....	175,470	43.66	90,820	32.46
Insurance underwriters.....	91,810	33.27	69,200	30.22
Financial examiners.....	28,060	40.49	84,220	36.44
Credit counselors and loan officers.....	314,300	32.70	68,010	27.65
Credit counselors.....	27,640	21.00	43,670	18.95

See footnotes at end of table.

**Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2012- Continued**

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual <sup>1</sup>	
<b>Business and financial operations occupations (Continued)</b>				
Loan officers.....	286,670	\$33.82	\$70,350	\$28.76
Tax examiners, collectors and preparers, and revenue agents.....	126,700	23.62	49,120	21.14
Tax examiners and collectors, and revenue agents.....	65,560	26.95	56,050	24.25
Tax preparers.....	61,140	20.05	41,700	16.22
Financial specialists, all other.....	147,630	32.22	67,020	29.40
<b>Computer and mathematical occupations</b>				
Computer occupations.....	<b>3,578,220</b>	<b>38.55</b>	<b>80,180</b>	<b>36.67</b>
Computer and information research scientists.....	3,456,500	38.47	80,020	36.67
Computer and information analysts.....	24,880	49.84	103,670	49.13
Computer systems analysts.....	554,710	40.64	84,520	38.68
Information security analysts.....	482,040	40.29	83,800	38.31
Software developers and programmers.....	72,670	42.93	89,290	41.43
Computer programmers.....	1,397,780	43.50	90,470	41.87
Software developers, applications.....	316,790	37.63	78,260	35.71
Software developers, systems software.....	586,340	44.85	93,280	43.30
Web developers.....	391,700	49.30	102,550	47.59
Database and systems administrators and network architects.....	102,940	31.78	66,100	30.05
Database administrators.....	599,800	38.90	80,910	36.96
Network and computer systems administrators.....	111,590	38.04	79,120	37.06
Computer network architects.....	350,320	36.69	76,320	34.88
Computer support specialists.....	137,890	45.19	94,000	43.75
Computer user support specialists.....	693,610	25.59	53,230	23.51
Computer network support specialists.....	525,630	24.10	50,130	22.32
Computer occupations, all other.....	167,980	30.27	62,960	28.41
Mathematical science occupations.....	185,730	39.36	81,860	39.01
Actuaries.....	121,720	40.74	84,740	36.67
Mathematicians.....	21,340	51.29	106,680	45.04
Operations research analysts.....	3,250	48.69	101,280	48.73
Statisticians.....	69,180	38.38	79,830	34.66
Miscellaneous mathematical science occupations.....	25,570	38.25	79,570	36.33
Mathematical technicians.....	2,370	30.63	63,720	27.12
Mathematical science occupations, all other.....	1,150	30.87	64,220	27.32
Mathematical science occupations, all other.....	1,220	30.41	63,250	26.98
<b>Architecture and engineering occupations</b>				
Architects, surveyors, and cartographers.....	<b>2,356,530</b>	<b>37.98</b>	<b>79,000</b>	<b>35.35</b>
Architects, except naval.....	150,150	34.16	71,040	31.91
Architects, except landscape and naval.....	98,470	37.01	76,990	34.47
Landscape architects.....	82,720	37.83	78,690	35.14
Surveyors, cartographers, and photogrammetrists.....	15,750	32.71	68,030	30.86
Cartographers and photogrammetrists.....	51,680	28.71	59,720	27.18
Surveyors.....	11,490	29.63	61,640	27.62
Engineers.....	40,190	28.45	59,180	27.04
Aerospace engineers.....	1,530,090	43.73	90,960	41.44
Agricultural engineers.....	80,420	50.39	104,810	49.87
Biomedical engineers.....	2,470	37.20	77,370	35.58
Chemical engineers.....	18,810	43.84	91,200	41.81
Civil engineers.....	32,190	49.17	102,270	45.36
Computer hardware engineers.....	258,100	40.45	84,140	38.14
Electrical and electronics engineers.....	79,580	49.99	103,980	48.52
Electrical engineers.....	295,520	44.89	93,380	43.09
Electronics engineers, except computer.....	160,560	44.14	91,810	42.27
Environmental engineers.....	134,960	45.79	95,250	44.14
Industrial engineers, including health and safety.....	50,850	40.93	85,140	38.89
Health and safety engineers, except mining safety engineers and inspectors.....	243,620	39.36	81,870	37.83
Industrial engineers.....	23,490	38.35	79,760	36.94
Marine engineers and naval architects.....	220,130	39.47	82,100	37.92
Materials engineers.....	6,880	46.22	96,140	42.36
Mechanical engineers.....	22,740	42.06	87,490	40.94
Mining and geological engineers, including mining safety engineers.....	252,540	40.75	84,770	38.74
Nuclear engineers.....	7,640	43.87	91,250	40.54
Petroleum engineers.....	19,930	51.51	107,140	50.13
Engineers, all other.....	36,410	70.90	147,470	62.64
Drafters, engineering technicians, and mapping technicians.....	122,410	44.87	93,330	44.24
Drafters.....	676,280	25.82	53,700	24.87
Architectural and civil drafters.....	189,570	25.25	52,520	23.86
Electrical and electronics drafters.....	83,410	24.30	50,550	23.01
Mechanical drafters.....	28,160	28.12	58,490	26.78
Drafters, all other.....	63,220	25.61	53,270	24.21
Engineering technicians, except drafters.....	14,780	23.58	49,050	22.17
Aerospace engineering and operations technicians.....	439,710	26.63	55,390	25.92
Civil engineering technicians.....	9,750	29.80	61,980	29.58
Electrical and electronics engineering technicians.....	70,790	23.66	49,220	22.87
Electro-mechanical technicians.....	144,460	27.92	58,070	27.81
Environmental engineering technicians.....	16,990	25.71	53,480	24.91
Industrial engineering technicians.....	18,590	23.74	49,380	21.80
Mechanical engineering technicians.....	67,400	25.53	53,100	24.51
Engineering technicians, except drafters, all other.....	46,630	25.88	53,830	24.99
Surveying and mapping technicians.....	65,090	29.25	60,830	28.58
Surveying and mapping technicians.....	47,000	20.52	42,680	19.07

See footnotes at end of table.

**Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2012- Continued**

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual <sup>1</sup>	
<b>Life, physical, and social science occupations</b>	<b>1,104,100</b>	<b>\$32.87</b>	<b>\$68,360</b>	<b>\$28.89</b>
Life scientists.....	260,030	37.32	77,620	33.07
Agricultural and food scientists.....	28,220	30.99	64,470	28.18
Animal scientists.....	2,120	35.29	73,400	29.65
Food scientists and technologists.....	13,680	30.84	64,140	27.92
Soil and plant scientists.....	12,410	30.43	63,290	28.24
Biological scientists.....	94,680	36.84	76,630	33.58
Biochemists and biophysicists.....	26,410	43.01	89,470	39.17
Microbiologists.....	18,550	35.22	73,250	31.86
Zoologists and wildlife biologists.....	18,650	30.05	62,500	27.74
Biological scientists, all other.....	31,080	36.64	76,220	34.95
Conservation scientists and foresters.....	27,920	29.52	61,400	28.40
Conservation scientists.....	18,460	30.57	63,590	29.38
Foresters.....	9,470	27.47	57,140	26.90
Medical scientists.....	100,270	41.85	87,040	36.58
Epidemiologists.....	4,850	34.33	71,400	31.38
Medical scientists, except epidemiologists.....	95,420	42.23	87,830	37.01
Life scientists, all other.....	8,940	35.93	74,740	31.41
Physical scientists.....	274,610	40.08	83,360	35.99
Astronomers and physicists.....	19,960	54.28	112,900	51.14
Astronomers.....	2,150	49.30	102,550	46.37
Physicists.....	17,820	54.88	114,150	51.37
Atmospheric and space scientists.....	10,190	43.27	90,010	42.91
Chemists and materials scientists.....	92,920	37.49	77,970	35.13
Chemists.....	84,950	36.96	76,870	34.50
Materials scientists.....	7,970	43.15	89,740	42.78
Environmental scientists and geoscientists.....	126,300	38.48	80,040	33.53
Environmental scientists and specialists, including health.....	84,240	33.16	68,970	30.56
Geoscientists, except hydrologists and geographers.....	35,180	51.33	106,780	43.70
Hydrologists.....	6,880	37.94	78,920	36.31
Physical scientists, all other.....	25,230	45.06	93,720	44.06
Social scientists and related workers.....	235,390	35.51	73,870	33.31
Economists.....	15,760	47.83	99,480	44.16
Survey researchers.....	17,370	24.47	50,890	21.66
Psychologists.....	114,970	35.45	73,740	33.31
Clinical, counseling, and school psychologists.....	103,590	34.72	72,220	32.53
Industrial-organizational psychologists.....	1,030	47.50	98,800	40.18
Psychologists, all other.....	10,350	41.53	86,380	43.28
Sociologists.....	2,340	38.86	80,820	36.04
Urban and regional planners.....	37,620	32.67	67,950	31.36
Miscellaneous social scientists and related workers.....	47,330	37.71	78,440	35.93
Anthropologists and archeologists.....	6,060	28.95	60,230	27.61
Geographers.....	1,510	35.59	74,020	35.94
Historians.....	3,340	28.00	58,240	25.23
Political scientists.....	5,750	50.29	104,600	49.04
Social scientists and related workers, all other.....	30,660	38.25	79,560	36.80
Life, physical, and social science technicians.....	334,060	21.61	44,950	19.78
Agricultural and food science technicians.....	18,280	17.49	36,390	16.38
Biological technicians.....	72,740	20.48	42,600	19.11
Chemical technicians.....	61,300	22.18	46,130	20.64
Geological and petroleum technicians.....	15,360	28.79	59,880	25.34
Nuclear technicians.....	8,040	33.52	69,720	33.20
Social science research assistants.....	26,370	19.60	40,760	17.86
Miscellaneous life, physical, and social science technicians.....	131,970	21.39	44,480	19.81
Environmental science and protection technicians, including health.....	30,890	21.43	44,570	19.83
Forensic science technicians.....	12,440	26.79	55,730	25.41
Forest and conservation technicians.....	31,720	17.80	37,030	16.31
Life, physical, and social science technicians, all other.....	56,920	22.18	46,130	20.74
<b>Community and social service occupations</b>	<b>1,882,080</b>	<b>21.27</b>	<b>44,240</b>	<b>19.42</b>
Counselors, social workers, and other community and social service specialists.....	1,811,660	21.26	44,220	19.43
Counselors.....	598,250	22.84	47,510	21.18
Substance abuse and behavioral disorder counselors.....	80,130	19.67	40,920	18.52
Educational, guidance, school, and vocational counselors.....	237,480	27.00	56,170	25.77
Marriage and family therapists.....	34,270	23.69	49,270	22.44
Mental health counselors.....	115,080	20.81	43,290	19.27
Rehabilitation counselors.....	104,070	17.95	37,330	16.29
Counselors, all other.....	27,220	22.15	46,060	21.06
Social workers.....	582,270	22.78	47,370	21.25
Child, family, and school social workers.....	273,920	21.78	45,300	19.97
Healthcare social workers.....	140,000	24.74	51,460	23.96
Mental health and substance abuse social workers.....	109,920	20.84	43,340	19.22
Social workers, all other.....	58,430	26.38	54,870	26.23
Miscellaneous community and social service specialists.....	631,150	18.37	38,200	16.41
Health educators.....	55,270	25.53	53,100	23.46
Probation officers and correctional treatment specialists.....	86,780	25.18	52,380	23.17
Social and human service assistants.....	351,400	14.85	30,880	13.87
Community health workers.....	38,020	18.02	37,490	16.64
Community and social service specialists, all other.....	99,680	20.99	43,660	19.74
Religious workers.....	70,410	21.41	44,540	19.40
Clergy.....	44,000	23.02	47,880	21.18

See footnotes at end of table.

**Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2012- Continued**

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual <sup>1</sup>	
<b>Community and social service occupations (Continued)</b>				
Directors, religious activities and education.....	18,310	\$20.50	\$42,640	\$17.92
Religious workers, all other.....	8,110	14.73	30,650	12.69
<b>Legal occupations</b>				
	<b>1,023,020</b>	<b>47.39</b>	<b>98,570</b>	<b>36.19</b>
Lawyers, judges, and related workers.....	641,020	60.99	126,860	53.24
Lawyers and judicial law clerks.....	593,120	62.21	129,410	53.91
Lawyers.....	581,920	62.93	130,880	54.58
Judicial law clerks.....	11,200	25.29	52,610	22.66
Judges, magistrates, and other judicial workers.....	47,900	45.83	95,340	45.84
Administrative law judges, adjudicators, and hearing officers.....	14,150	43.26	89,970	41.94
Arbitrators, mediators, and conciliators.....	6,520	37.12	77,200	29.46
Judges, magistrate judges, and magistrates.....	27,220	49.26	102,470	55.65
Legal support workers.....	382,000	24.57	51,100	22.53
Paralegals and legal assistants.....	267,030	24.15	50,220	22.59
Miscellaneous legal support workers.....	114,970	25.55	53,150	22.39
Court reporters.....	18,590	25.48	53,010	23.15
Title examiners, abstractors, and searchers.....	49,390	22.26	46,310	20.18
Legal support workers, all other.....	47,000	29.03	60,390	25.32
<b>Education, training, and library occupations</b>				
	<b>8,374,910</b>	<b>24.62</b>	<b>51,210</b>	<b>22.13</b>
Postsecondary teachers.....	1,496,810	(2)	73,770	(2)
Business teachers, postsecondary.....	82,460	(2)	85,730	(2)
Math and computer teachers, postsecondary.....	87,880	(2)	75,800	(2)
Computer science teachers, postsecondary.....	34,350	(2)	79,870	(2)
Mathematical science teachers, postsecondary.....	53,530	(2)	73,190	(2)
Engineering and architecture teachers, postsecondary.....	41,260	(2)	96,330	(2)
Architecture teachers, postsecondary.....	7,290	(2)	78,770	(2)
Engineering teachers, postsecondary.....	33,970	(2)	100,100	(2)
Life sciences teachers, postsecondary.....	63,020	(2)	86,350	(2)
Agricultural sciences teachers, postsecondary.....	10,500	(2)	83,990	(2)
Biological science teachers, postsecondary.....	50,040	(2)	87,060	(2)
Forestry and conservation science teachers, postsecondary.....	2,490	(2)	82,020	(2)
Physical sciences teachers, postsecondary.....	50,190	(2)	86,130	(2)
Atmospheric, earth, marine, and space sciences teachers, postsecondary.....	10,930	(2)	91,930	(2)
Chemistry teachers, postsecondary.....	20,430	(2)	81,460	(2)
Environmental science teachers, postsecondary.....	4,990	(2)	86,080	(2)
Physics teachers, postsecondary.....	13,840	(2)	88,470	(2)
Social sciences teachers, postsecondary.....	115,380	(2)	79,290	(2)
Anthropology and archeology teachers, postsecondary.....	5,690	(2)	82,860	(2)
Area, ethnic, and cultural studies teachers, postsecondary.....	9,710	(2)	77,690	(2)
Economics teachers, postsecondary.....	13,390	(2)	97,770	(2)
Geography teachers, postsecondary.....	4,460	(2)	71,890	(2)
Political science teachers, postsecondary.....	16,770	(2)	81,860	(2)
Psychology teachers, postsecondary.....	38,060	(2)	74,240	(2)
Sociology teachers, postsecondary.....	16,880	(2)	73,080	(2)
Social sciences teachers, postsecondary, all other.....	10,430	(2)	82,570	(2)
Health teachers, postsecondary.....	208,350	(2)	91,810	(2)
Health specialties teachers, postsecondary.....	152,130	(2)	100,370	(2)
Nursing instructors and teachers, postsecondary.....	56,220	(2)	68,640	(2)
Education and library science teachers, postsecondary.....	67,430	(2)	65,380	(2)
Education teachers, postsecondary.....	62,920	(2)	65,000	(2)
Library science teachers, postsecondary.....	4,510	(2)	70,770	(2)
Law, criminal justice, and social work teachers, postsecondary.....	39,090	(2)	85,300	(2)
Criminal justice and law enforcement teachers, postsecondary.....	14,020	(2)	62,770	(2)
Law teachers, postsecondary.....	15,260	(2)	115,550	(2)
Social work teachers, postsecondary.....	9,810	(2)	70,430	(2)
Arts, communications, and humanities teachers, postsecondary.....	271,550	(2)	70,450	(2)
Art, drama, and music teachers, postsecondary.....	92,570	(2)	73,340	(2)
Communications teachers, postsecondary.....	30,030	(2)	68,540	(2)
English language and literature teachers, postsecondary.....	72,680	(2)	67,980	(2)
Foreign language and literature teachers, postsecondary.....	29,810	(2)	66,730	(2)
History teachers, postsecondary.....	23,590	(2)	73,090	(2)
Philosophy and religion teachers, postsecondary.....	22,880	(2)	71,210	(2)
Miscellaneous postsecondary teachers.....	470,200	(2)	59,110	(2)
Graduate teaching assistants.....	120,160	(2)	33,030	(2)
Home economics teachers, postsecondary.....	4,700	(2)	68,260	(2)
Recreation and fitness studies teachers, postsecondary.....	19,410	(2)	64,490	(2)
Vocational education teachers, postsecondary.....	121,550	25.37	52,770	23.07
Postsecondary teachers, all other.....	204,380	(2)	77,500	(2)
Preschool, primary, secondary, and special education school teachers.....	4,033,290	(2)	54,550	(2)
Preschool and kindergarten teachers.....	497,720	18.17	37,800	15.89
Preschool teachers, except special education.....	340,350	14.79	30,750	13.04
Kindergarten teachers, except special education.....	157,370	(2)	53,030	(2)
Elementary and middle school teachers.....	1,999,790	(2)	56,180	(2)
Elementary school teachers, except special education.....	1,360,380	(2)	56,130	(2)
Middle school teachers, except special and career/technical education.....	620,900	(2)	56,280	(2)
Career/technical education teachers, middle school.....	18,510	(2)	56,270	(2)
Secondary school teachers.....	1,047,550	(2)	57,710	(2)
Secondary school teachers, except special and career/technical education.....	959,770	(2)	57,770	(2)
Career/technical education teachers, secondary school.....	87,780	(2)	57,140	(2)

See footnotes at end of table.

**Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2012- Continued**

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual <sup>1</sup>	
<b>Education, training, and library occupations (Continued)</b>				
Special education teachers.....	488,230	(?)	\$58,140	(?)
Special education teachers, preschool.....	21,770	(?)	57,770	(?)
Special education teachers, kindergarten and elementary school.....	197,740	(?)	56,700	(?)
Special education teachers, middle school.....	96,380	(?)	59,320	(?)
Special education teachers, secondary school.....	133,080	(?)	60,090	(?)
Special education teachers, all other.....	39,260	(?)	56,160	(?)
Other teachers and instructors.....	1,137,130	17.95	37,340	14.47
Adult basic and secondary education and literacy teachers and instructors.....	66,040	25.06	52,130	23.36
Self-enrichment education teachers.....	179,650	19.40	40,360	16.98
Miscellaneous teachers and instructors.....	891,450	17.13	35,630	13.72
Substitute teachers.....	619,700	14.22	29,590	12.47
Teachers and instructors, all other, except substitute teachers.....	271,740	(?)	49,430	(?)
Librarians, curators, and archivists.....	266,950	22.62	47,060	21.31
Archivists, curators, and museum technicians.....	26,440	23.64	49,180	21.35
Archivists.....	5,640	24.43	50,810	22.76
Curators.....	10,370	26.25	54,600	23.84
Museum technicians and conservators.....	10,430	20.63	42,920	18.38
Librarians.....	140,280	27.49	57,190	26.62
Library technicians.....	100,230	15.54	32,320	14.74
Other education, training, and library occupations.....	1,440,720	(?)	30,180	(?)
Audio-visual and multimedia collections specialists.....	8,690	22.03	45,820	20.84
Farm and home management advisors.....	11,060	23.43	48,730	22.48
Instructional coordinators.....	133,100	30.01	62,420	28.87
Teacher assistants.....	1,185,700	(?)	25,310	(?)
Education, training, and library workers, all other.....	102,180	19.85	41,280	17.60
<b>Arts, design, entertainment, sports, and media occupations</b>	<b>1,750,130</b>	<b>26.20</b>	<b>54,490</b>	<b>21.12</b>
Art and design workers.....	499,620	24.02	49,960	20.31
Artists and related workers.....	84,990	35.52	73,870	30.44
Art directors.....	31,570	45.32	94,260	38.88
Craft artists.....	4,810	16.94	35,240	14.23
Fine artists, including painters, sculptors, and illustrators.....	12,480	25.96	54,000	21.56
Multimedia artists and animators.....	29,270	33.44	69,560	29.50
Artists and related workers, all other.....	6,850	29.65	61,680	28.77
Designers.....	414,630	21.67	45,060	18.77
Commercial and industrial designers.....	29,030	30.02	62,430	28.66
Fashion designers.....	16,560	34.92	72,620	30.22
Floral designers.....	47,110	12.28	25,550	11.45
Graphic designers.....	191,440	23.43	48,730	21.22
Interior designers.....	40,750	25.47	52,970	22.89
Merchandise displayers and window trimmers.....	73,490	13.88	28,860	12.70
Set and exhibit designers.....	8,680	26.11	54,310	24.18
Designers, all other.....	7,560	24.56	51,080	21.79
Entertainers and performers, sports and related workers.....	489,840	27.35	56,890	18.52
Actors, producers, and directors.....	157,550	40.64	84,520	28.89
Actors.....	70,540	35.97	(?)	20.26
Producers and directors.....	87,010	44.42	92,390	34.31
Athletes, coaches, umpires, and related workers.....	229,830	(?)	38,520	(?)
Athletes and sports competitors.....	12,450	(?)	75,760	(?)
Coaches and scouts.....	201,800	(?)	36,680	(?)
Umpires, referees, and other sports officials.....	15,570	(?)	32,600	(?)
Dancers and choreographers.....	18,790	20.04	41,680	15.87
Dancers.....	11,390	19.02	(?)	14.16
Choreographers.....	7,400	21.60	44,930	18.33
Musicians, singers, and related workers.....	67,050	29.61	(?)	23.13
Music directors and composers.....	24,940	25.68	53,420	22.77
Musicians and singers.....	42,100	31.94	(?)	23.50
Entertainers and performers, sports and related workers, all other.....	16,630	22.64	(?)	15.58
Media and communication workers.....	551,020	28.45	59,180	24.49
Announcers.....	39,460	19.95	41,490	13.34
Radio and television announcers.....	31,340	20.13	41,860	13.47
Public address system and other announcers.....	8,120	19.27	40,070	12.61
News analysts, reporters and correspondents.....	50,740	23.32	48,510	17.83
Broadcast news analysts.....	5,170	37.68	78,380	26.63
Reporters and correspondents.....	45,570	21.69	45,120	17.25
Public relations specialists.....	201,280	29.80	61,980	26.04
Writers and editors.....	187,190	31.31	65,130	27.62
Editors.....	99,040	30.02	62,440	25.90
Technical writers.....	46,160	32.65	67,910	31.49
Writers and authors.....	41,990	32.90	68,420	26.89
Miscellaneous media and communication workers.....	72,350	25.55	53,150	21.81
Interpreters and translators.....	50,320	25.68	53,410	21.84
Media and communication workers, all other.....	22,030	25.27	52,550	21.71
Media and communication equipment workers.....	209,640	22.76	47,350	18.97
Broadcast and sound engineering technicians and radio operators.....	101,510	22.45	46,690	19.81
Audio and video equipment technicians.....	54,310	22.13	46,040	20.12
Broadcast technicians.....	31,640	21.18	44,050	18.21
Radio operators.....	1,280	20.79	43,240	20.23
Sound engineering technicians.....	14,280	26.60	55,340	22.27

See footnotes at end of table.

**Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2012- Continued**

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual <sup>1</sup>	
<b>Arts, design, entertainment, sports, and media occupations (Continued)</b>				
Photographers.....	56,140	\$17.47	\$36,330	\$13.70
Television, video, and motion picture camera operators and editors.....	37,910	27.66	57,540	22.25
Camera operators, television, video, and motion picture.....	16,410	23.56	49,010	19.38
Film and video editors.....	21,500	30.80	64,060	24.66
Media and communication equipment workers, all other.....	14,090	32.97	68,570	33.08
<b>Healthcare practitioners and technical occupations</b>	<b>7,649,930</b>	<b>35.35</b>	<b>73,540</b>	<b>28.94</b>
Health diagnosing and treating practitioners.....	4,680,350	44.18	91,890	35.29
Chiropractors.....	27,740	38.25	79,550	31.81
Dentists.....	109,570	80.25	166,910	71.79
Dentists, general.....	93,580	78.48	163,240	69.83
Oral and maxillofacial surgeons.....	4,990	104.06	216,440	( <sup>2</sup> )
Orthodontists.....	5,530	89.58	186,320	( <sup>2</sup> )
Prosthodontists.....	310	80.83	168,120	81.31
Dentists, all other specialists.....	5,150	79.22	164,780	74.51
Dietitians and nutritionists.....	58,240	27.00	56,170	26.56
Optometrists.....	29,180	52.80	109,810	47.03
Pharmacists.....	281,560	55.27	114,950	56.09
Physicians and surgeons.....	611,650	91.38	190,060	( <sup>2</sup> )
Anesthesiologists.....	29,930	111.94	232,830	( <sup>2</sup> )
Family and general practitioners.....	110,050	86.95	180,850	82.70
Internists, general.....	45,210	92.08	191,520	( <sup>2</sup> )
Obstetricians and gynecologists.....	20,880	104.21	216,760	( <sup>2</sup> )
Pediatricians, general.....	30,560	80.59	167,640	74.35
Psychiatrists.....	24,210	85.35	177,520	83.33
Surgeons.....	42,410	110.84	230,540	( <sup>2</sup> )
Physicians and surgeons, all other.....	308,410	88.86	184,820	( <sup>2</sup> )
Physician assistants.....	83,640	44.45	92,460	43.72
Podiatrists.....	9,090	63.69	132,470	55.98
Therapists.....	591,350	34.50	71,760	33.66
Occupational therapists.....	105,540	36.73	76,400	36.25
Physical therapists.....	191,460	38.99	81,110	38.39
Radiation therapists.....	18,230	38.66	80,410	37.29
Recreational therapists.....	19,180	21.29	44,280	20.33
Respiratory therapists.....	116,960	27.50	57,200	26.86
Speech-language pathologists.....	121,690	34.97	72,730	33.59
Exercise physiologists.....	5,820	22.89	47,610	21.53
Therapists, all other.....	12,480	27.29	56,760	25.58
Veterinarians.....	56,020	44.83	93,250	40.61
Registered nurses.....	2,633,980	32.66	67,930	31.48
Nurse anesthetists.....	34,180	74.22	154,390	71.23
Nurse midwives.....	5,710	43.78	91,070	43.08
Nurse practitioners.....	105,780	43.97	91,450	43.25
Audiologists.....	12,060	35.04	72,890	33.52
Health diagnosing and treating practitioners, all other.....	30,590	41.22	85,740	34.96
Health technologists and technicians.....	2,827,170	21.12	43,930	19.41
Clinical laboratory technologists and technicians.....	318,620	23.59	49,070	22.99
Medical and clinical laboratory technologists.....	160,700	28.19	58,640	27.69
Medical and clinical laboratory technicians.....	157,920	18.91	39,340	17.90
Dental hygienists.....	190,290	33.99	70,700	33.75
Diagnostic related technologists and technicians.....	353,060	28.45	59,170	27.81
Cardiovascular technologists and technicians.....	50,530	25.51	53,050	25.04
Diagnostic medical sonographers.....	57,700	31.90	66,360	31.66
Nuclear medicine technologists.....	20,480	34.06	70,840	33.74
Radiologic technologists.....	194,790	27.14	56,450	26.26
Magnetic resonance imaging technologists.....	29,560	31.45	65,410	31.42
Emergency medical technicians and paramedics.....	232,860	16.53	34,370	14.91
Health practitioner support technologists and technicians.....	668,870	15.98	33,240	15.06
Dietetic technicians.....	24,660	13.79	28,680	12.62
Pharmacy technicians.....	353,340	14.63	30,430	14.10
Psychiatric technicians.....	67,760	15.93	33,140	14.45
Respiratory therapy technicians.....	13,460	22.84	47,510	22.48
Surgical technologists.....	97,150	20.91	43,480	20.09
Veterinary technologists and technicians.....	83,350	15.13	31,470	14.56
Ophthalmic medical technicians.....	29,170	17.11	35,590	16.46
Licensed practical and licensed vocational nurses.....	718,800	20.39	42,400	19.97
Medical records and health information technicians.....	182,370	17.68	36,770	16.42
Opticians, dispensing.....	64,930	16.83	35,010	16.03
Miscellaneous health technologists and technicians.....	97,380	22.40	46,590	20.17
Orthotists and prosthetists.....	7,890	33.64	69,960	30.13
Hearing aid specialists.....	4,980	22.49	46,780	19.92
Health technologists and technicians, all other.....	84,510	21.35	44,400	19.57
Other healthcare practitioners and technical occupations.....	142,410	27.86	57,960	26.02
Occupational health and safety specialists and technicians.....	71,500	31.25	65,000	30.39
Occupational health and safety specialists.....	59,610	32.67	67,960	32.11
Occupational health and safety technicians.....	11,890	24.11	50,150	22.81
Miscellaneous health practitioners and technical workers.....	70,910	24.45	50,860	21.39
Athletic trainers.....	20,780	( <sup>2</sup> )	44,010	( <sup>2</sup> )

See footnotes at end of table.

**Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2012- Continued**

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual <sup>1</sup>	
<b>Healthcare practitioners and technical occupations (Continued)</b>				
Genetic counselors.....	2,000	\$26.84	\$55,820	\$27.31
Healthcare practitioners and technical workers, all other.....	48,130	25.78	53,610	22.20
<b>Healthcare support occupations</b>				
Nursing, psychiatric, and home health aides.....	<b>3,915,460</b>	<b>13.36</b>	<b>27,780</b>	<b>12.28</b>
Nursing, psychiatric, and home health aides.....	2,391,750	11.69	24,320	11.07
Home health aides.....	2,391,750	11.69	24,320	11.07
Psychiatric aides.....	839,930	10.49	21,830	10.01
Nursing assistants.....	77,880	12.83	26,680	11.82
Orderlies.....	1,420,020	12.32	25,620	11.74
Occupational therapy and physical therapist assistants and aides.....	53,920	12.35	25,700	11.53
Occupational therapy assistants and aides.....	155,970	20.63	42,920	20.25
Occupational therapy assistants.....	37,460	23.15	48,160	23.53
Occupational therapy aides.....	29,500	25.52	53,090	25.60
Physical therapist assistants and aides.....	7,950	14.36	29,870	12.91
Physical therapist assistants.....	118,510	19.84	41,260	18.96
Physical therapist aides.....	69,810	25.15	52,320	25.08
Other healthcare support occupations.....	48,700	12.22	25,410	11.48
Massage therapists.....	1,367,740	15.43	32,100	14.72
Miscellaneous healthcare support occupations.....	71,040	19.40	40,350	17.29
Dental assistants.....	1,296,700	15.21	31,640	14.63
Medical assistants.....	300,160	16.86	35,080	16.59
Medical equipment preparers.....	553,140	14.69	30,550	14.12
Medical transcriptionists.....	50,230	15.51	32,260	14.82
Pharmacy aides.....	74,810	16.66	34,650	16.36
Veterinary assistants and laboratory animal caretakers.....	42,600	11.28	23,460	10.51
Phlebotomists.....	71,500	11.90	24,740	11.12
Healthcare support workers, all other.....	100,380	14.86	30,910	14.29
	103,890	16.29	33,880	15.77
<b>Protective service occupations</b>				
Supervisors of protective service workers.....	<b>3,207,790</b>	<b>20.70</b>	<b>43,050</b>	<b>17.60</b>
First-line supervisors of law enforcement workers.....	266,920	32.77	68,170	30.70
First-line supervisors of correctional officers.....	144,680	36.31	75,530	34.39
First-line supervisors of police and detectives.....	44,830	29.31	60,970	27.81
First-line supervisors of fire fighting and prevention workers.....	99,860	39.45	82,060	37.63
First-line supervisors of protective service workers, all other.....	60,600	34.23	71,190	32.79
Fire fighting and prevention workers.....	61,640	23.05	47,940	22.03
Firefighters.....	311,360	23.16	48,180	21.92
Fire inspectors.....	297,700	23.00	47,850	21.75
Fire inspectors and investigators.....	13,660	26.61	55,350	24.94
Forest fire inspectors and prevention specialists.....	11,860	27.60	57,400	25.96
Law enforcement workers.....	1,800	20.13	41,860	17.20
Bailiffs, correctional officers, and jailers.....	1,212,010	25.98	54,040	23.93
Bailiffs.....	451,100	20.87	43,410	18.74
Correctional officers and jailers.....	16,240	19.15	39,840	17.71
Detectives and criminal investigators.....	434,870	20.94	43,550	18.77
Fish and game wardens.....	109,230	37.43	77,860	35.72
Parking enforcement workers.....	6,320	23.75	49,400	23.11
Police officers.....	9,210	17.70	36,810	17.16
Police and sheriff's patrol officers.....	636,140	27.78	57,770	26.57
Transit and railroad police.....	632,000	27.78	57,770	26.57
Other protective service workers.....	4,140	27.83	57,880	26.54
Animal control workers.....	1,417,510	13.36	27,790	11.65
Private detectives and investigators.....	13,890	16.09	33,470	15.23
Security guards and gaming surveillance officers.....	23,390	24.42	50,780	21.99
Gaming surveillance officers and gaming investigators.....	1,055,580	13.12	27,290	11.55
Security guards.....	9,150	15.40	32,040	14.23
Miscellaneous protective service workers.....	1,046,420	13.10	27,240	11.52
Crossing guards.....	324,650	13.24	27,530	11.53
Lifeguards, ski patrol, and other recreational protective service workers.....	70,390	12.58	26,160	11.50
Transportation security screeners.....	125,770	9.96	20,720	9.11
Protective service workers, all other.....	47,200	17.85	37,130	17.71
	81,290	16.19	33,680	14.65
<b>Food preparation and serving related occupations</b>				
Supervisors of food preparation and serving workers.....	<b>11,546,880</b>	<b>10.28</b>	<b>21,380</b>	<b>9.10</b>
Supervisors of food preparation and serving workers.....	914,970	16.05	33,390	14.48
Chefs and head cooks.....	914,970	16.05	33,390	14.48
First-line supervisors of food preparation and serving workers.....	97,370	22.39	46,570	20.42
Cooks and food preparation workers.....	817,600	15.30	31,820	14.07
Cooks.....	2,870,010	10.52	21,890	9.66
Cooks, fast food.....	2,084,640	10.70	22,260	9.88
Cooks, institution and cafeteria.....	504,740	9.03	18,780	8.85
Cooks, private household.....	395,280	11.70	24,340	10.99
Cooks, restaurant.....	540	13.38	27,840	11.29
Cooks, short order.....	1,000,710	11.20	23,300	10.59
Cooks, all other.....	162,320	10.21	21,240	9.48
Food preparation workers.....	21,050	12.17	25,310	11.18
	785,370	10.05	20,910	9.28

See footnotes at end of table.



**Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2012- Continued**

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual <sup>1</sup>	
<b>Food preparation and serving related occupations (Continued)</b>				
Food and beverage serving workers.....	6,485,990	\$9.54	\$19,840	\$8.88
Bartenders.....	538,220	10.40	21,630	9.09
Fast food and counter workers.....	3,378,030	9.04	18,810	8.80
Combined food preparation and serving workers, including fast food.....	2,943,810	9.00	18,720	8.78
Counter attendants, cafeteria, food concession, and coffee shop.....	434,220	9.34	19,430	8.92
Waiters and waitresses.....	2,332,020	9.95	20,710	8.92
Food servers, nonrestaurant.....	237,740	10.58	22,010	9.44
Other food preparation and serving related workers.....	1,275,900	9.36	19,470	8.91
Dining room and cafeteria attendants and bartender helpers.....	395,750	9.47	19,690	8.89
Dishwashers.....	501,910	9.10	18,930	8.88
Hosts and hostesses, restaurant, lounge, and coffee shop.....	341,400	9.41	19,570	8.93
Food preparation and serving related workers, all other.....	36,850	11.25	23,390	9.76
<b>Building and grounds cleaning and maintenance occupations</b>	<b>4,246,260</b>	<b>12.34</b>	<b>25,670</b>	<b>10.91</b>
Supervisors of building and grounds cleaning and maintenance workers.....	269,700	19.47	40,500	18.08
First-line supervisors of building and grounds cleaning and maintenance workers.....	269,700	19.47	40,500	18.08
First-line supervisors of housekeeping and janitorial workers.....	170,690	18.19	37,830	16.98
First-line supervisors of landscaping, lawn service, and groundskeeping workers.....	99,010	21.68	45,100	20.27
Building cleaning and pest control workers.....	3,067,210	11.60	24,130	10.37
Building cleaning workers.....	3,005,830	11.52	23,970	10.31
Janitors and cleaners, except maids and housekeeping cleaners.....	2,097,380	11.95	24,850	10.73
Maids and housekeeping cleaners.....	894,920	10.49	21,820	9.41
Building cleaning workers, all other.....	13,530	14.13	29,390	13.25
Pest control workers.....	61,380	15.47	32,190	14.45
Grounds maintenance workers.....	909,350	12.72	26,460	11.53
Grounds maintenance workers.....	909,350	12.72	26,460	11.53
Landscaping and groundskeeping workers.....	830,640	12.44	25,870	11.33
Pesticide handlers, sprayers, and applicators, vegetation.....	23,650	15.38	32,000	14.55
Tree trimmers and pruners.....	39,750	16.27	33,850	15.54
Grounds maintenance workers, all other.....	15,300	14.72	30,620	12.86
<b>Personal care and service occupations</b>	<b>3,810,750</b>	<b>11.80</b>	<b>24,550</b>	<b>10.02</b>
Supervisors of personal care and service workers.....	174,450	19.10	39,740	17.61
First-line supervisors of gaming workers.....	32,490	22.12	46,010	21.81
Gaming supervisors.....	24,760	23.89	49,700	23.70
Slot supervisors.....	7,730	16.44	34,200	15.57
First-line supervisors of personal service workers.....	141,960	18.41	38,300	16.90
Animal care and service workers.....	161,310	11.02	22,920	9.60
Animal trainers.....	11,170	14.59	30,340	12.15
Nonfarm animal caretakers.....	150,140	10.75	22,370	9.46
Entertainment attendants and related workers.....	530,880	10.23	21,280	9.06
Gaming services workers.....	123,860	11.09	23,080	9.09
Gaming dealers.....	98,310	10.77	22,410	8.96
Gaming and sports book writers and runners.....	12,710	11.92	24,790	10.49
Gaming service workers, all other.....	12,850	12.74	26,500	11.29
Motion picture projectionists.....	8,030	10.38	21,600	9.53
Ushers, lobby attendants, and ticket takers.....	106,860	9.77	20,320	9.01
Miscellaneous entertainment attendants and related workers.....	292,130	10.03	20,870	9.06
Amusement and recreation attendants.....	256,400	9.63	20,020	9.00
Costume attendants.....	5,660	21.55	44,830	17.67
Locker room, coatroom, and dressing room attendants.....	19,190	10.28	21,390	9.21
Entertainment attendants and related workers, all other.....	10,890	13.17	27,400	12.09
Funeral service workers.....	60,000	17.70	36,820	14.24
Embalmers.....	5,040	21.00	43,680	20.31
Funeral attendants.....	31,890	11.66	24,250	10.87
Morticians, undertakers, and funeral directors.....	23,070	25.33	52,690	22.52
Personal appearance workers.....	478,160	12.68	26,370	10.67
Barbers, hairdressers, hairstylists and cosmetologists.....	368,500	12.89	26,820	10.95
Barbers.....	12,590	13.23	27,520	12.06
Hairdressers, hairstylists, and cosmetologists.....	355,910	12.88	26,790	10.91
Miscellaneous personal appearance workers.....	109,660	11.97	24,890	9.64
Makeup artists, theatrical and performance.....	1,950	32.49	67,580	30.99
Manicurists and pedicurists.....	62,330	10.31	21,440	9.24
Shampooers.....	13,570	8.94	18,600	8.80
Skincare specialists.....	31,810	15.25	31,720	13.77
Baggage porters, bellhops, and concierges.....	66,360	12.27	25,510	11.00
Baggage porters, bellhops, and concierges.....	66,360	12.27	25,510	11.00
Baggage porters and bellhops.....	40,480	11.10	23,090	9.64
Concierges.....	25,880	14.09	29,310	13.10
Tour and travel guides.....	35,480	13.19	27,440	11.74
Tour and travel guides.....	35,480	13.19	27,440	11.74
Tour guides and escorts.....	31,270	12.63	26,280	11.51
Travel guides.....	4,210	17.34	36,060	14.80
Other personal care and service workers.....	2,304,120	11.29	23,490	9.92
Childcare workers.....	624,520	10.25	21,310	9.38
Personal care aides.....	985,230	10.01	20,830	9.57
Recreation and fitness workers.....	543,800	14.60	30,370	11.71
Fitness trainers and aerobics instructors.....	234,070	17.74	36,900	15.25
Recreation workers.....	309,730	12.22	25,430	10.69

See footnotes at end of table.

**Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2012- Continued**

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual <sup>1</sup>	
<b>Personal care and service occupations (Continued)</b>				
Residential advisors.....	83,760	\$12.72	\$26,470	\$11.79
Personal care and service workers, all other.....	66,810	11.26	23,420	9.90
<b>Sales and related occupations</b>				
<b>Supervisors of sales workers.....</b>	<b>13,835,090</b>	<b>18.26</b>	<b>37,990</b>	<b>12.08</b>
Supervisors of sales workers.....	1,457,580	22.99	47,820	18.92
First-line supervisors of sales workers.....	1,457,580	22.99	47,820	18.92
First-line supervisors of retail sales workers.....	1,214,170	19.67	40,910	17.70
First-line supervisors of non-retail sales workers.....	243,420	39.58	82,320	33.68
Retail sales workers.....	8,326,900	11.35	23,610	9.56
Cashiers.....	3,335,980	9.81	20,410	9.13
Cashiers.....	3,314,010	9.79	20,370	9.12
Gaming change persons and booth cashiers.....	21,970	12.38	25,740	11.87
Counter and rental clerks and parts salespersons.....	650,920	13.81	28,720	12.05
Counter and rental clerks.....	432,650	12.93	26,900	11.12
Parts salespersons.....	218,270	15.54	32,320	14.21
Retail salespersons.....	4,340,000	12.17	25,310	10.15
Sales representatives, services.....	1,549,470	32.97	68,580	24.56
Advertising sales agents.....	145,500	27.54	57,270	22.26
Insurance sales agents.....	336,740	30.48	63,400	23.15
Securities, commodities, and financial services sales agents.....	330,470	48.51	100,910	34.48
Travel agents.....	64,680	17.78	36,970	16.64
Sales representatives, services, all other.....	672,080	29.22	60,770	24.45
Sales representatives, wholesale and manufacturing.....	1,778,860	33.02	68,690	27.82
Sales representatives, wholesale and manufacturing.....	1,778,860	33.02	68,690	27.82
Sales representatives, wholesale and manufacturing, technical and scientific products.....	364,830	41.20	85,690	36.04
Sales representatives, wholesale and manufacturing, except technical and scientific products.....	1,414,030	30.91	64,300	26.07
Other sales and related workers.....	722,280	20.52	42,670	13.75
Models, demonstrators, and product promoters.....	77,500	13.49	28,060	11.40
Demonstrators and product promoters.....	73,170	13.55	28,180	11.47
Models.....	4,330	12.55	26,110	9.02
Real estate brokers and sales agents.....	199,830	27.50	57,210	20.19
Real estate brokers.....	37,270	38.57	80,220	28.05
Real estate sales agents.....	162,560	24.97	51,930	18.82
Sales engineers.....	65,410	47.74	99,290	44.15
Telemarketers.....	245,550	12.29	25,570	10.74
Miscellaneous sales and related workers.....	134,000	15.94	33,160	12.21
Door-to-door sales workers, news and street vendors, and related workers.....	6,650	12.68	26,380	10.32
Sales and related workers, all other.....	127,350	16.11	33,510	12.41
<b>Office and administrative support occupations</b>				
<b>Supervisors of office and administrative support workers.....</b>	<b>21,355,350</b>	<b>16.54</b>	<b>34,410</b>	<b>15.15</b>
Supervisors of office and administrative support workers.....	1,359,150	25.40	52,830	23.72
First-line supervisors of office and administrative support workers.....	1,359,150	25.40	52,830	23.72
Communications equipment operators.....	139,000	13.34	27,760	12.47
Switchboard operators, including answering service.....	125,490	12.91	26,860	12.20
Telephone operators.....	10,710	16.67	34,670	15.79
Communications equipment operators, all other.....	2,800	19.96	41,530	19.35
Financial clerks.....	3,324,780	16.55	34,420	15.71
Bill and account collectors.....	385,890	16.50	34,320	15.61
Billing and posting clerks.....	490,850	16.61	34,540	16.08
Bookkeeping, accounting, and auditing clerks.....	1,606,260	17.62	36,640	16.91
Gaming cage workers.....	18,230	12.54	26,070	11.83
Payroll and timekeeping clerks.....	172,740	18.69	38,880	18.12
Procurement clerks.....	69,750	18.43	38,340	18.38
Tellers.....	541,770	12.40	25,790	11.99
Financial clerks, all other.....	39,290	19.03	39,580	17.72
Information and record clerks.....	5,240,790	15.35	31,940	14.28
Brokerage clerks.....	61,870	21.34	44,390	20.40
Correspondence clerks.....	10,150	17.75	36,920	17.38
Court, municipal, and license clerks.....	122,710	17.76	36,950	16.75
Credit authorizers, checkers, and clerks.....	51,650	17.15	35,680	16.16
Customer service representatives.....	2,299,750	15.92	33,110	14.70
Eligibility interviewers, government programs.....	130,340	19.74	41,060	19.49
File clerks.....	158,580	13.48	28,030	12.59
Hotel, motel, and resort desk clerks.....	229,000	10.56	21,960	9.78
Interviewers, except eligibility and loan.....	196,660	15.04	31,270	14.38
Library assistants, clerical.....	104,030	12.35	25,680	11.27
Loan interviewers and clerks.....	192,010	17.40	36,180	16.98
New accounts clerks.....	55,320	15.84	32,950	15.25
Order clerks.....	208,800	15.04	31,280	14.18
Human resources assistants, except payroll and timekeeping.....	139,200	18.43	38,340	18.03
Receptionists and information clerks.....	966,150	13.00	27,050	12.49
Reservation and transportation ticket agents and travel clerks.....	135,930	16.14	33,580	15.58
Information and record clerks, all other.....	178,650	18.15	37,750	17.91
Material recording, scheduling, dispatching, and distributing workers.....	3,830,120	15.54	32,310	13.65
Cargo and freight agents.....	78,750	20.34	42,310	19.10
Couriers and messengers.....	76,830	12.99	27,020	12.23
Dispatchers.....	280,530	18.41	38,300	17.26
Police, fire, and ambulance dispatchers.....	95,640	18.27	38,010	17.45
Dispatchers, except police, fire, and ambulance.....	184,890	18.49	38,450	17.16
Meter readers, utilities.....	39,530	18.52	38,510	17.28

See footnotes at end of table.

**Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2012- Continued**

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual <sup>1</sup>	
<b>Office and administrative support occupations (Continued)</b>				
Postal service workers.....	509,030	\$24.55	\$51,070	\$25.53
Postal service clerks.....	69,310	24.26	50,460	25.53
Postal service mail carriers.....	305,490	25.11	52,220	27.16
Postal service mail sorters, processors, and processing machine operators.....	134,230	23.44	48,750	25.52
Production, planning, and expediting clerks.....	278,490	21.85	45,450	21.03
Shipping, receiving, and traffic clerks.....	690,780	14.76	30,700	13.95
Stock clerks and order fillers.....	1,806,310	11.75	24,440	10.60
Weighers, measurers, checkers, and samplers, recordkeeping.....	69,870	14.30	29,750	13.42
Secretaries and administrative assistants.....	3,615,090	18.16	37,780	16.99
Secretaries and administrative assistants.....	3,615,090	18.16	37,780	16.99
Executive secretaries and executive administrative assistants.....	803,040	24.14	50,220	22.84
Legal secretaries.....	216,730	21.34	44,380	20.27
Medical secretaries.....	509,640	15.71	32,670	15.07
Secretaries and administrative assistants, except legal, medical, and executive.....	2,085,680	16.13	33,560	15.58
Other office and administrative support workers.....	3,846,420	14.62	30,410	13.74
Computer operators.....	71,560	19.10	39,720	18.46
Data entry and information processing workers.....	303,840	15.11	31,430	14.47
Data entry keyers.....	207,280	14.05	29,220	13.47
Word processors and typists.....	96,560	17.40	36,190	16.96
Desktop publishers.....	15,960	18.77	39,040	17.81
Insurance claims and policy processing clerks.....	226,260	17.93	37,300	17.17
Mail clerks and mail machine operators, except postal service.....	102,410	13.53	28,140	12.93
Office clerks, general.....	2,808,100	14.07	29,270	13.21
Office machine operators, except computer.....	66,820	14.22	29,580	13.44
Proofreaders and copy markers.....	11,300	16.88	35,110	15.76
Statistical assistants.....	14,870	19.72	41,010	19.15
Office and administrative support workers, all other.....	225,310	15.90	33,070	14.94
<b>Farming, fishing, and forestry occupations</b>	<b>427,670</b>	<b>11.65</b>	<b>24,230</b>	<b>9.31</b>
Supervisors of farming, fishing, and forestry workers.....	19,340	22.31	46,410	20.99
First-line supervisors of farming, fishing, and forestry workers.....	19,340	22.31	46,410	20.99
Agricultural workers.....	365,760	10.54	21,920	9.14
Agricultural inspectors.....	13,570	20.41	42,460	20.27
Animal breeders.....	1,460	17.90	37,230	16.47
Graders and sorters, agricultural products.....	39,060	10.04	20,870	9.21
Miscellaneous agricultural workers.....	311,670	10.14	21,080	9.09
Agricultural equipment operators.....	22,820	13.17	27,390	12.43
Farmworkers and laborers, crop, nursery, and greenhouse.....	253,670	9.61	19,990	8.98
Farmworkers, farm, ranch, and aquacultural animals.....	29,570	11.56	24,040	10.61
Agricultural workers, all other.....	5,610	14.00	29,120	12.09
Fishing and hunting workers.....	610	17.98	37,410	16.35
Fishers and related fishing workers.....	570	17.74	36,900	16.07
Forest, conservation, and logging workers.....	41,960	16.30	33,910	15.57
Forest and conservation workers.....	7,910	13.75	28,600	11.70
Logging workers.....	34,050	16.90	35,140	16.17
Fallers.....	5,150	19.64	40,860	16.95
Logging equipment operators.....	23,240	16.41	34,130	16.05
Log graders and scalers.....	2,770	16.12	33,540	15.81
Logging workers, all other.....	2,890	16.66	34,650	16.47
<b>Construction and extraction occupations</b>	<b>4,978,290</b>	<b>21.61</b>	<b>44,960</b>	<b>19.29</b>
Supervisors of construction and extraction workers.....	456,640	30.40	63,230	28.70
First-line supervisors of construction trades and extraction workers.....	456,640	30.40	63,230	28.70
Construction trades workers.....	3,671,980	21.09	43,860	18.74
Boilermakers.....	17,660	26.84	55,830	27.19
Brickmasons, blockmasons, and stonemasons.....	68,420	23.40	48,670	21.61
Brickmasons and blockmasons.....	57,090	24.22	50,370	22.33
Stonemasons.....	11,330	19.29	40,120	17.96
Carpenters.....	567,820	21.41	44,520	19.20
Carpet, floor, and tile installers and finishers.....	66,540	19.51	40,590	17.50
Carpet installers.....	25,350	19.68	40,930	17.66
Floor layers, except carpet, wood, and hard tiles.....	9,980	18.48	38,450	17.07
Floor sanders and finishers.....	4,150	17.13	35,640	15.98
Tile and marble setters.....	27,050	20.10	41,820	17.81
Cement masons, concrete finishers, and terrazzo workers.....	138,560	19.20	39,930	17.23
Cement masons and concrete finishers.....	135,200	19.17	39,870	17.19
Terrazzo workers and finishers.....	3,350	20.40	42,440	19.11
Construction laborers.....	814,470	16.58	34,490	14.42
Construction equipment operators.....	393,410	21.88	45,510	19.70
Paving, surfacing, and tamping equipment operators.....	54,460	19.31	40,170	17.23
Pile-driver operators.....	3,800	26.67	55,480	23.31
Operating engineers and other construction equipment operators.....	335,160	22.24	46,270	20.13
Drywall installers, ceiling tile installers, and tapers.....	91,180	20.99	43,660	18.23
Drywall and ceiling tile installers.....	75,810	20.38	42,380	17.89
Tapers.....	15,370	24.01	49,940	21.77
Electricians.....	519,850	25.50	53,030	23.96
Glaziers.....	42,350	20.24	42,090	18.08

See footnotes at end of table.

**Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2012- Continued**

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual <sup>1</sup>	
<b>Construction and extraction occupations (Continued)</b>				
Insulation workers.....	50,760	\$19.71	\$41,000	\$17.28
Insulation workers, floor, ceiling, and wall.....	22,540	17.49	36,390	15.56
Insulation workers, mechanical.....	28,220	21.48	44,680	18.83
Painters and paperhangers.....	187,790	18.55	38,590	16.91
Painters, construction and maintenance.....	184,330	18.55	38,590	16.92
Paperhangers.....	3,460	18.57	38,630	16.63
Pipelayers, plumbers, pipefitters, and steamfitters.....	383,970	24.75	51,480	22.82
Pipelayers.....	43,590	19.22	39,970	17.40
Plumbers, pipefitters, and steamfitters.....	340,370	25.46	52,950	23.62
Plasterers and stucco masons.....	21,040	20.13	41,860	17.85
Reinforcing iron and rebar workers.....	15,330	24.59	51,140	22.07
Roofers.....	97,650	18.63	38,760	16.97
Sheet metal workers.....	133,420	22.54	46,870	20.81
Structural iron and steel workers.....	57,070	24.40	50,740	22.18
Solar photovoltaic installers.....	4,710	19.53	40,620	18.22
Helpers, construction trades.....	210,460	13.57	28,230	12.77
Helpers, construction trades.....	210,460	13.57	28,230	12.77
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters.....	24,310	14.95	31,100	13.57
Helpers--carpenters.....	35,870	13.09	27,230	12.29
Helpers--electricians.....	59,610	13.86	28,840	13.30
Helpers--painters, paperhangers, plasterers, and stucco masons.....	10,980	12.68	26,360	11.68
Helpers--pipelayers, plumbers, pipefitters, and steamfitters.....	46,510	13.65	28,380	12.82
Helpers--roofers.....	12,200	12.03	25,030	11.20
Helpers, construction trades, all other.....	20,980	13.18	27,420	12.31
Other construction and related workers.....	382,000	20.94	43,540	19.05
Construction and building inspectors.....	89,280	26.55	55,230	25.70
Elevator installers and repairers.....	19,700	35.64	74,140	36.85
Fence erectors.....	21,250	15.58	32,410	14.52
Hazardous materials removal workers.....	37,440	20.03	41,660	18.07
Highway maintenance workers.....	141,180	17.43	36,240	16.95
Rail-track laying and maintenance equipment operators.....	16,870	22.21	46,200	22.08
Septic tank servicers and sewer pipe cleaners.....	24,020	17.29	35,970	16.36
Miscellaneous construction and related workers.....	32,260	18.40	38,260	16.79
Segmental pavers.....	1,490	17.18	35,740	16.21
Construction and related workers, all other.....	30,770	18.45	38,380	16.82
Extraction workers.....	257,220	21.16	44,010	19.54
Derrick, rotary drill, and service unit operators, oil, gas, and mining.....	104,230	24.02	49,960	21.43
Derrick operators, oil and gas.....	21,950	23.43	48,740	22.55
Rotary drill operators, oil and gas.....	25,090	27.18	56,540	23.66
Service unit operators, oil, gas, and mining.....	57,180	22.86	47,540	20.18
Earth drillers, except oil and gas.....	17,680	21.08	43,840	19.61
Explosives workers, ordnance handling experts, and blasters.....	6,330	23.74	49,380	23.38
Mining machine operators.....	23,290	23.62	49,120	24.15
Continuous mining machine operators.....	13,640	24.49	50,940	24.98
Mine cutting and channeling machine operators.....	6,750	22.38	46,540	23.05
Mining machine operators, all other.....	2,900	22.40	46,590	22.51
Rock splitters, quarry.....	4,490	16.28	33,870	15.52
Roof bolters, mining.....	6,790	26.08	54,240	26.11
Roustabouts, oil and gas.....	59,320	17.21	35,800	16.41
Helpers--extraction workers.....	25,840	16.18	33,660	15.13
Extraction workers, all other.....	9,250	19.09	39,710	18.66
<b>Installation, maintenance, and repair occupations</b>				
Supervisors of installation, maintenance, and repair workers.....	421,650	30.07	62,540	28.97
First-line supervisors of mechanics, installers, and repairers.....	421,650	30.07	62,540	28.97
Electrical and electronic equipment mechanics, installers, and repairers.....	572,810	23.21	48,280	22.38
Computer, automated teller, and office machine repairers.....	113,480	18.53	38,550	17.60
Radio and telecommunications equipment installers and repairers.....	224,000	25.57	53,180	25.86
Radio, cellular, and tower equipment installers and repairers.....	15,780	22.24	46,260	21.11
Telecommunications equipment installers and repairers, except line installers.....	208,220	25.82	53,710	26.22
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers.....	235,330	23.22	48,310	22.48
Avionics technicians.....	16,810	26.65	55,440	26.61
Electric motor, power tool, and related repairers.....	19,020	18.50	38,470	17.42
Electrical and electronics installers and repairers, transportation equipment.....	15,530	25.41	52,850	24.63
Electrical and electronics repairers, commercial and industrial equipment.....	66,440	25.45	52,940	25.31
Electrical and electronics repairers, powerhouse, substation, and relay.....	23,920	32.40	67,380	33.08
Electronic equipment installers and repairers, motor vehicles.....	12,590	16.16	33,600	15.07
Electronic home entertainment equipment installers and repairers.....	27,050	17.76	36,940	16.86
Security and fire alarm systems installers.....	53,960	20.77	43,210	19.73
Vehicle and mobile equipment mechanics, installers, and repairers.....	1,438,930	19.61	40,780	18.50
Aircraft mechanics and service technicians.....	119,160	26.78	55,690	26.55
Automotive technicians and repairers.....	747,210	18.97	39,460	17.72
Automotive body and related repairers.....	135,610	20.12	41,840	18.45
Automotive glass installers and repairers.....	14,780	16.14	33,580	15.70
Automotive service technicians and mechanics.....	596,830	18.78	39,060	17.60
Bus and truck mechanics and diesel engine specialists.....	230,030	20.99	43,660	20.35
Heavy vehicle and mobile equipment service technicians and mechanics.....	163,490	21.53	44,780	21.07
Farm equipment mechanics and service technicians.....	34,150	17.16	35,680	16.71
Mobile heavy equipment mechanics, except engines.....	110,200	22.66	47,140	22.14
Rail car repairers.....	19,140	22.80	47,430	23.32

See footnotes at end of table.

**Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2012- Continued**

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual <sup>1</sup>	
<b>Installation, maintenance, and repair occupations (Continued)</b>				
Small engine mechanics.....	60,690	\$16.44	\$34,190	\$15.69
Motorboat mechanics and service technicians.....	18,380	17.86	37,140	17.08
Motorcycle mechanics.....	14,950	16.78	34,910	15.93
Outdoor power equipment and other small engine mechanics.....	27,350	15.30	31,820	14.67
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers.....	118,350	12.70	26,410	11.56
Bicycle repairers.....	10,490	12.14	25,250	11.61
Recreational vehicle service technicians.....	10,970	17.36	36,120	16.61
Tire repairers and changers.....	96,880	12.23	25,440	11.25
Other installation, maintenance, and repair occupations.....	2,636,210	20.00	41,600	18.63
Control and valve installers and repairers.....	56,060	23.17	48,180	21.90
Mechanical door repairers.....	15,750	18.55	38,590	17.36
Control and valve installers and repairers, except mechanical door.....	40,310	24.97	51,930	24.50
Heating, air conditioning, and refrigeration mechanics and installers.....	240,480	22.03	45,830	20.98
Home appliance repairers.....	34,510	17.92	37,270	16.91
Industrial machinery installation, repair, and maintenance workers.....	430,030	22.84	47,500	22.02
Industrial machinery mechanics.....	301,560	23.41	48,690	22.56
Maintenance workers, machinery.....	88,450	20.28	42,190	19.53
Millwrights.....	38,050	24.39	50,730	23.80
Refractory materials repairers, except brickmasons.....	1,970	20.13	41,870	19.89
Line installers and repairers.....	245,480	27.24	56,670	27.99
Electrical power-line installers and repairers.....	112,450	29.94	62,280	30.41
Telecommunications line installers and repairers.....	133,040	24.96	51,920	24.72
Precision instrument and equipment repairers.....	59,930	22.09	45,960	21.05
Camera and photographic equipment repairers.....	2,590	20.07	41,750	18.26
Medical equipment repairers.....	35,740	22.55	46,910	21.43
Musical instrument repairers and tuners.....	7,130	16.17	33,620	14.73
Watch repairers.....	2,670	19.03	39,570	18.10
Precision instrument and equipment repairers, all other.....	11,800	25.42	52,880	25.13
Maintenance and repair workers, general.....	1,230,270	17.88	37,190	16.93
Wind turbine service technicians.....	3,200	23.23	48,320	22.10
Miscellaneous installation, maintenance, and repair workers.....	336,260	16.68	34,690	14.95
Coin, vending, and amusement machine servicers and repairers.....	36,080	15.72	32,700	14.98
Commercial divers.....	3,480	26.32	54,750	22.54
Fabric menders, except garment.....	770	13.72	28,540	12.99
Locksmiths and safe repairers.....	16,190	18.83	39,160	18.06
Manufactured building and mobile home installers.....	3,310	14.50	30,160	13.50
Riggers.....	14,690	21.44	44,590	20.51
Signal and track switch repairers.....	8,600	26.63	55,390	26.66
Helpers--installation, maintenance, and repair workers.....	124,370	12.88	26,780	11.64
Installation, maintenance, and repair workers, all other.....	128,770	18.95	39,410	17.60
<b>Production occupations</b>	<b>8,594,170</b>	<b>16.59</b>	<b>34,500</b>	<b>14.87</b>
Supervisors of production workers.....	568,820	27.61	57,420	25.98
First-line supervisors of production and operating workers.....	568,820	27.61	57,420	25.98
Assemblers and fabricators.....	1,718,700	14.89	30,970	13.74
Aircraft structure, surfaces, rigging, and systems assemblers.....	41,180	23.33	48,520	22.09
Electrical, electronics, and electromechanical assemblers.....	261,780	15.10	31,400	14.14
Coil winders, tapers, and finishers.....	14,300	15.39	32,000	14.83
Electrical and electronic equipment assemblers.....	197,500	14.89	30,970	13.85
Electromechanical equipment assemblers.....	49,990	15.84	32,950	15.12
Engine and other machine assemblers.....	40,750	18.14	37,730	17.36
Structural metal fabricators and fitters.....	78,340	17.91	37,260	17.19
Miscellaneous assemblers and fabricators.....	1,296,650	14.30	29,730	13.14
Fiberglass laminators and fabricators.....	17,580	14.40	29,960	13.86
Team assemblers.....	1,006,980	14.38	29,910	13.29
Timing device assemblers and adjusters.....	1,140	13.98	29,080	12.31
Assemblers and fabricators, all other.....	270,950	13.98	29,070	12.46
Food processing workers.....	720,970	12.68	26,380	11.72
Bakers.....	157,230	12.05	25,060	11.13
Butchers and other meat, poultry, and fish processing workers.....	372,060	12.61	26,230	11.74
Butchers and meat cutters.....	134,210	14.42	30,000	13.70
Meat, poultry, and fish cutters and trimmers.....	158,480	11.39	23,690	10.98
Slaughterers and meat packers.....	79,370	11.99	24,930	11.70
Miscellaneous food processing workers.....	191,690	13.34	27,750	12.39
Food and tobacco roasting, baking, and drying machine operators and tenders.....	20,350	14.22	29,580	13.67
Food batchmakers.....	100,520	13.63	28,340	12.77
Food cooking machine operators and tenders.....	33,250	13.51	28,090	12.67
Food processing workers, all other.....	37,570	11.96	24,880	11.12
Metal workers and plastic workers.....	1,837,280	17.88	37,190	17.01
Computer control programmers and operators.....	162,860	18.53	38,550	17.67
Computer-controlled machine tool operators, metal and plastic.....	138,870	17.70	36,810	17.10
Computer numerically controlled machine tool programmers, metal and plastic.....	23,990	23.39	48,640	22.08
Forming machine setters, operators, and tenders, metal and plastic.....	132,800	16.97	35,300	16.30
Extruding and drawing machine setters, operators, and tenders, metal and plastic.....	74,490	16.37	34,060	15.54
Forging machine setters, operators, and tenders, metal and plastic.....	22,270	16.74	34,830	16.37
Rolling machine setters, operators, and tenders, metal and plastic.....	36,040	18.35	38,160	17.98
Machine tool cutting setters, operators, and tenders, metal and plastic.....	333,520	15.86	32,980	15.13
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic.....	182,570	14.95	31,090	14.27
Drilling and boring machine tool setters, operators, and tenders, metal and plastic.....	20,660	17.32	36,020	16.32

See footnotes at end of table.

**Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2012- Continued**

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual <sup>1</sup>	
<b>Production occupations (Continued)</b>				
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic.....	69,510	\$15.90	\$33,070	\$15.20
Lathe and turning machine tool setters, operators, and tenders, metal and plastic.....	37,920	18.08	37,600	17.57
Milling and planing machine setters, operators, and tenders, metal and plastic.....	22,840	18.01	37,460	17.22
Machinists.....	388,370	19.65	40,860	18.99
Metal furnace operators, tenders, pourers, and casters.....	31,140	18.55	38,590	17.88
Metal-refining furnace operators and tenders.....	20,520	19.26	40,060	18.70
Pourers and casters, metal.....	10,620	17.19	35,750	16.37
Model makers and patternmakers, metal and plastic.....	9,830	21.86	45,470	21.32
Model makers, metal and plastic.....	5,700	22.58	46,970	22.04
Patternmakers, metal and plastic.....	4,130	20.86	43,400	20.40
Molders and molding machine setters, operators, and tenders, metal and plastic.....	136,950	14.67	30,510	13.84
Foundry mold and coremakers.....	12,510	15.19	31,600	14.68
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic.....	124,440	14.62	30,400	13.77
Multiple machine tool setters, operators, and tenders, metal and plastic.....	85,110	16.85	35,060	16.33
Tool and die makers.....	76,430	23.31	48,490	22.60
Welding, soldering, and brazing workers.....	379,140	18.32	38,100	17.35
Welders, cutters, solderers, and brazers.....	329,710	18.46	38,410	17.45
Welding, soldering, and brazing machine setters, operators, and tenders.....	49,430	17.33	36,060	16.69
Miscellaneous metal workers and plastic workers.....	101,120	16.74	34,820	15.72
Heat treating equipment setters, operators, and tenders, metal and plastic.....	21,760	17.01	35,380	16.35
Layout workers, metal and plastic.....	12,380	20.35	42,330	20.22
Plating and coating machine setters, operators, and tenders, metal and plastic.....	34,420	15.30	31,830	14.29
Tool grinders, filers, and sharpeners.....	11,950	17.09	35,560	16.49
Metal workers and plastic workers, all other.....	20,620	16.48	34,280	14.93
Printing workers.....	267,390	17.14	35,640	16.40
Printing workers.....	267,390	17.14	35,640	16.40
Prepress technicians and workers.....	41,420	18.76	39,020	17.91
Printing press operators.....	173,010	17.35	36,090	16.68
Print binding and finishing workers.....	52,960	15.17	31,560	14.30
Textile, apparel, and furnishings workers.....	575,080	11.62	24,170	10.58
Laundry and dry-cleaning workers.....	198,750	10.35	21,540	9.58
Pressers, textile, garment, and related materials.....	52,850	9.97	20,730	9.46
Sewing machine operators.....	142,380	11.11	23,110	10.23
Shoe and leather workers.....	9,180	12.44	25,880	11.56
Shoe and leather workers and repairers.....	5,750	12.52	26,050	11.52
Shoe machine operators and tenders.....	3,420	12.31	25,600	11.69
Tailors, dressmakers, and sewers.....	30,360	13.69	28,480	12.20
Sewers, hand.....	5,500	12.21	25,390	10.97
Tailors, dressmakers, and custom sewers.....	24,870	14.02	29,170	12.64
Textile machine setters, operators, and tenders.....	75,520	12.54	26,080	12.27
Textile bleaching and dyeing machine operators and tenders.....	11,350	12.27	25,520	11.64
Textile cutting machine setters, operators, and tenders.....	15,620	12.24	25,460	11.56
Textile knitting and weaving machine setters, operators, and tenders.....	21,110	12.96	26,950	12.76
Textile winding, twisting, and drawing out machine setters, operators, and tenders.....	27,440	12.50	26,010	12.43
Miscellaneous textile, apparel, and furnishings workers.....	66,040	15.72	32,710	14.53
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers.....	17,620	15.75	32,750	15.59
Fabric and apparel patternmakers.....	6,500	21.53	44,790	18.58
Upholsterers.....	27,840	15.26	31,750	14.39
Textile, apparel, and furnishings workers, all other.....	14,080	13.93	28,970	12.47
Woodworkers.....	200,680	14.49	30,140	13.67
Cabinetmakers and bench carpenters.....	78,140	15.84	32,940	14.90
Furniture finishers.....	13,740	14.38	29,900	13.70
Model makers and patternmakers, wood.....	2,030	16.95	35,250	15.81
Model makers, wood.....	1,270	15.26	31,740	13.85
Patternmakers, wood.....	770	19.73	41,030	19.15
Woodworking machine setters, operators, and tenders.....	99,830	13.40	27,870	12.85
Sawing machine setters, operators, and tenders, wood.....	38,720	13.23	27,520	12.59
Woodworking machine setters, operators, and tenders, except sawing.....	61,110	13.51	28,100	13.00
Woodworkers, all other.....	6,940	14.49	30,150	13.15
Plant and system operators.....	308,150	26.29	54,690	25.88
Power plant operators, distributors, and dispatchers.....	60,070	32.71	68,050	32.80
Nuclear power reactor operators.....	7,140	36.55	76,020	36.05
Power distributors and dispatchers.....	11,590	35.44	73,710	34.47
Power plant operators.....	41,350	31.29	65,080	31.79
Stationary engineers and boiler operators.....	36,350	26.37	54,860	25.75
Water and wastewater treatment plant and system operators.....	108,440	21.46	44,630	20.56
Miscellaneous plant and system operators.....	103,280	27.61	57,430	27.88
Chemical plant and system operators.....	38,170	26.03	54,150	26.15
Gas plant operators.....	12,380	29.37	61,090	29.39
Petroleum pump system operators, refinery operators, and gaugers.....	41,020	29.20	60,730	29.73
Plant and system operators, all other.....	11,710	25.32	52,660	25.55
Other production occupations.....	2,397,100	15.43	32,100	14.10
Chemical processing machine setters, operators, and tenders.....	97,460	21.50	44,720	20.81
Chemical equipment operators and tenders.....	56,030	23.06	47,950	22.64
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders.....	41,430	19.39	40,340	18.55
Crushing, grinding, polishing, mixing, and blending workers.....	177,000	16.28	33,870	15.52
Crushing, grinding, and polishing machine setters, operators, and tenders.....	29,320	16.03	33,340	15.31
Grinding and polishing workers, hand.....	30,470	14.06	29,250	13.41
Mixing and blending machine setters, operators, and tenders.....	117,210	16.92	35,200	16.27

See footnotes at end of table.

**Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2012- Continued**

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual <sup>1</sup>	
<b>Production occupations (Continued)</b>				
Cutting workers.....	70,300	\$15.01	\$31,230	\$14.43
Cutters and trimmers, hand.....	13,740	12.82	26,650	11.79
Cutting and slicing machine setters, operators, and tenders.....	56,560	15.55	32,340	15.11
Extruding, forming, pressing, and compacting machine setters, operators, and tenders.....	68,080	15.81	32,880	15.05
Furnace, kiln, oven, drier, and kettle operators and tenders.....	20,140	17.83	37,080	17.08
Inspectors, testers, sorters, samplers, and weighers.....	454,010	17.90	37,240	16.57
Jewelers and precious stone and metal workers.....	22,060	18.67	38,840	16.99
Medical, dental, and ophthalmic laboratory technicians.....	78,400	17.12	35,600	15.90
Dental laboratory technicians.....	36,790	18.91	39,320	17.35
Medical appliance technicians.....	12,230	18.37	38,200	17.35
Ophthalmic laboratory technicians.....	29,380	14.35	29,850	13.74
Packaging and filling machine operators and tenders.....	367,700	13.54	28,160	12.43
Painting workers.....	142,570	17.01	35,380	15.79
Coating, painting, and spraying machine setters, operators, and tenders.....	79,970	15.32	31,870	14.68
Painters, transportation equipment.....	46,290	20.96	43,600	19.04
Painting, coating, and decorating workers.....	16,310	14.07	29,270	13.36
Semiconductor processors.....	21,380	16.72	34,780	15.88
Photographic process workers and processing machine operators.....	45,760	12.57	26,140	11.11
Miscellaneous production workers.....	832,240	13.59	28,270	12.16
Adhesive bonding machine operators and tenders.....	16,800	15.28	31,780	14.34
Cleaning, washing, and metal pickling equipment operators and tenders.....	16,050	13.59	28,280	12.60
Cooling and freezing equipment operators and tenders.....	8,130	14.43	30,020	13.56
Etchers and engravers.....	8,610	14.53	30,230	13.65
Molders, shapers, and casters, except metal and plastic.....	31,010	14.79	30,770	14.08
Paper goods machine setters, operators, and tenders.....	95,690	17.14	35,660	16.68
Tire builders.....	17,360	18.91	39,340	19.81
Helpers--production workers.....	419,840	11.84	24,620	10.96
Production workers, all other.....	218,740	14.61	30,380	12.95
<b>Transportation and material moving occupations</b>	<b>8,771,690</b>	<b>16.15</b>	<b>33,590</b>	<b>13.92</b>
Supervisors of transportation and material moving workers.....	372,930	24.82	51,620	23.52
Aircraft cargo handling supervisors.....	6,720	24.44	50,830	23.04
First-line supervisors of helpers, laborers, and material movers, hand.....	168,910	22.69	47,180	21.72
First-line supervisors of transportation and material-moving machine and vehicle operators.....	197,300	26.65	55,430	25.60
Air transportation workers.....	216,470	(?)	83,340	(?)
Aircraft pilots and flight engineers.....	101,260	(?)	111,960	(?)
Airline pilots, copilots, and flight engineers.....	66,270	(?)	128,760	(?)
Commercial pilots.....	34,990	(?)	80,140	(?)
Air traffic controllers and airfield operations specialists.....	30,250	49.36	102,670	49.27
Air traffic controllers.....	23,260	56.94	118,430	58.91
Airfield operations specialists.....	6,990	24.17	50,270	23.12
Flight attendants.....	84,960	(?)	42,340	(?)
Motor vehicle operators.....	3,618,180	16.87	35,090	15.77
Ambulance drivers and attendants, except emergency medical technicians.....	18,540	11.97	24,900	11.27
Bus drivers.....	652,590	15.13	31,480	14.21
Bus drivers, transit and intercity.....	162,840	18.50	38,470	17.59
Bus drivers, school or special client.....	489,750	14.01	29,150	13.50
Driver/sales workers and truck drivers.....	2,719,630	17.65	36,710	16.61
Driver/sales workers.....	394,110	13.33	27,730	10.90
Heavy and tractor-trailer truck drivers.....	1,556,510	19.40	40,360	18.37
Light truck or delivery services drivers.....	769,010	16.32	33,940	14.13
Taxi drivers and chauffeurs.....	167,360	12.09	25,140	10.97
Motor vehicle operators, all other.....	60,050	15.15	31,510	12.95
Rail transportation workers.....	122,720	26.10	54,280	25.44
Locomotive engineers and operators.....	43,810	25.61	53,260	24.45
Locomotive engineers.....	37,060	26.36	54,830	25.13
Locomotive firers.....	1,580	23.34	48,550	21.60
Rail yard engineers, dinkey operators, and hostlers.....	5,170	20.89	43,450	19.82
Railroad brake, signal, and switch operators.....	24,380	24.16	50,260	24.68
Railroad conductors and yardmasters.....	42,740	27.30	56,770	26.30
Subway and streetcar operators.....	8,750	27.99	58,220	30.16
Rail transportation workers, all other.....	3,040	26.41	54,930	26.48
Water transportation workers.....	76,160	28.14	58,530	23.55
Sailors and marine oilers.....	31,500	19.11	39,760	18.36
Ship and boat captains and operators.....	33,900	33.95	70,610	30.12
Captains, mates, and pilots of water vessels.....	30,860	35.46	73,760	31.80
Motorboat operators.....	3,040	18.54	38,560	16.92
Ship engineers.....	10,760	36.29	75,480	34.08
Other transportation workers.....	329,100	13.02	27,090	10.38
Bridge and lock tenders.....	3,460	20.82	43,300	22.09
Parking lot attendants.....	126,520	10.35	21,540	9.39
Automotive and watercraft service attendants.....	108,510	10.38	21,600	9.69
Traffic technicians.....	6,340	20.42	42,480	18.45
Transportation inspectors.....	24,310	31.96	66,470	30.62
Transportation attendants, except flight attendants.....	23,790	11.52	23,960	10.33
Transportation workers, all other.....	36,190	16.50	34,330	14.84
Material moving workers.....	4,036,120	13.15	27,350	11.65
Conveyor operators and tenders.....	39,540	15.08	31,360	14.24
Crane and tower operators.....	43,040	24.33	50,610	22.73

See footnotes at end of table.

**Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2012- Continued**

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual <sup>1</sup>	
<b>Transportation and material moving occupations (Continued)</b>				
Dredge, excavating, and loading machine operators.....	49,660	\$20.32	\$42,260	\$18.73
Dredge operators.....	1,740	20.73	43,120	17.87
Excavating and loading machine and dragline operators.....	45,020	20.12	41,850	18.41
Loading machine operators, underground mining.....	2,900	23.11	48,060	23.28
Hoist and winch operators.....	3,050	22.94	47,710	19.21
Industrial truck and tractor operators.....	496,570	15.43	32,090	14.53
Laborers and material movers, hand.....	3,213,370	12.17	25,310	10.95
Cleaners of vehicles and equipment.....	302,960	10.87	22,620	9.54
Laborers and freight, stock, and material movers, hand.....	2,143,940	12.70	26,410	11.49
Machine feeders and offbearers.....	105,790	13.79	28,680	13.04
Packers and packagers, hand.....	660,670	10.80	22,470	9.57
Pumping station operators.....	30,570	22.85	47,520	22.23
Gas compressor and gas pumping station operators.....	4,350	24.92	51,840	24.59
Pump operators, except wellhead pumpers.....	11,870	22.88	47,590	21.45
Wellhead pumpers.....	14,350	22.18	46,140	21.97
Refuse and recyclable material collectors.....	117,670	16.94	35,230	15.83
Mine shuttle car operators.....	2,990	24.67	51,310	25.05
Tank car, truck, and ship loaders.....	12,390	22.31	46,400	21.20
Material moving workers, all other.....	27,260	19.73	41,040	17.94

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> Represents a wage above \$90.00 per hour.