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USDL 06-896

Media contact: 691-5902

For release: 10:00 A.M. EDT
Wednesday, May 24, 2006

OCCUPATIONAL EMPLOYMENT AND WAGES, MAY 2005

Management and legal occupations were the 2 highest paying of the 22 major occupational groups in May 2005, according to the Bureau of Labor Statistics of the U.S. Department of Labor. Over 30 percent of the workers in each of these occupational groups earned more than \$43.75 per hour. (See table A.) The major occupational group with the highest employment level in May 2005 was office and administrative support workers, followed by sales and related workers, and food preparation and serving related workers. (See chart 1.)

Chart 1. Mean hourly wage and percent of total employment by major occupational group

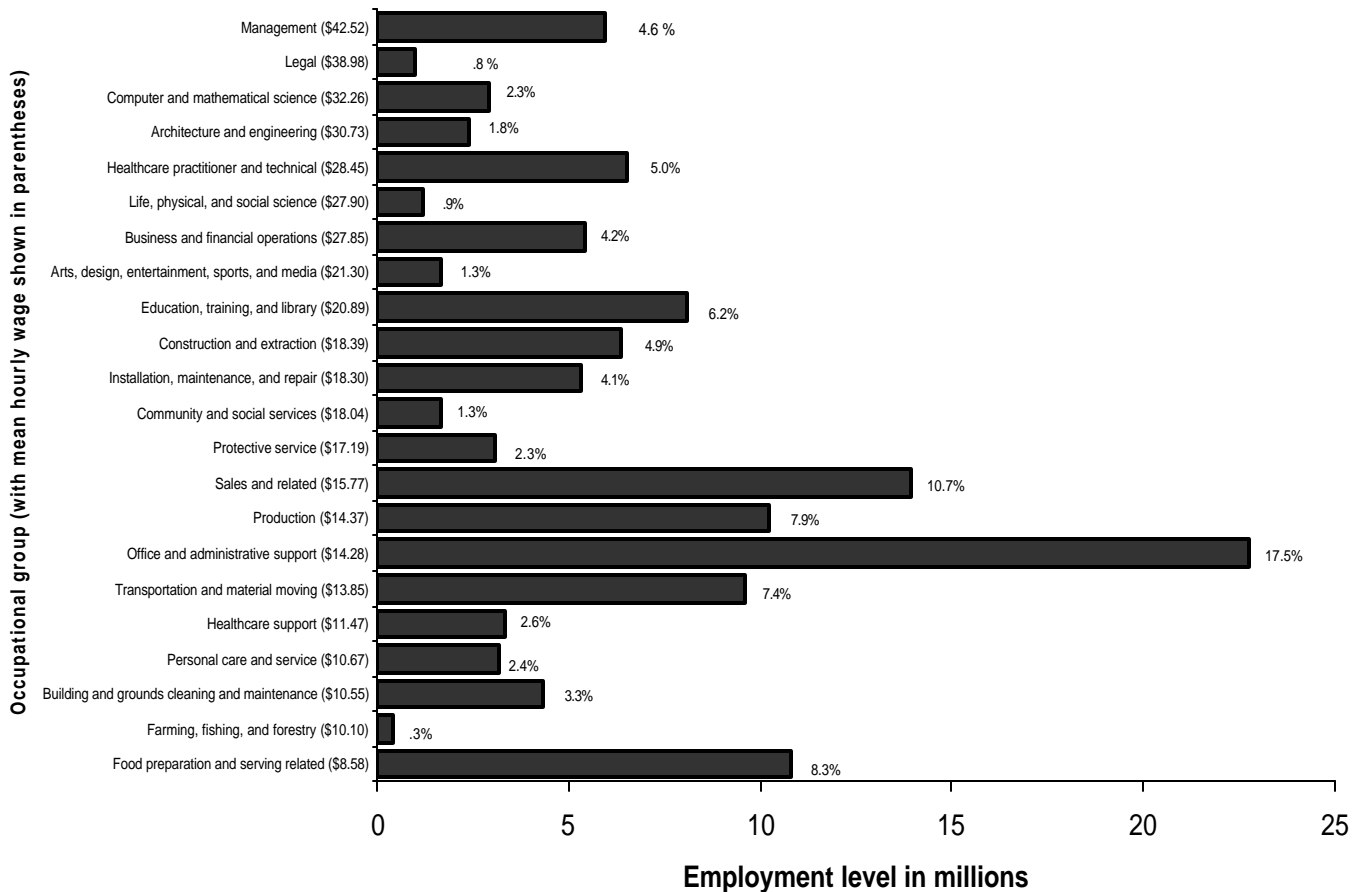


Table A. Distribution of workers in each major occupational group by wage range, May 2005
(Percent distribution)

Major occupational group	Wage range								
	Under \$8.50	\$8.50 to \$10.74	\$10.75 to \$13.49	\$13.50 to \$16.99	\$17.00 to \$21.49	\$21.50 to \$27.24	\$27.25 to \$34.49	\$34.50 to \$43.74	Over \$43.74
Management	1.0	0.8	2.0	4.3	7.8	12.6	15.8	18.0	37.8
Business and financial operations	1.4	1.8	4.6	10.9	18.4	21.6	18.3	12.4	10.5
Computer and mathematical science4	1.2	2.9	6.3	11.4	17.4	21.3	20.7	18.2
Architecture and engineering4	1.4	3.4	7.1	12.7	19.7	21.3	18.8	15.3
Life, physical, and social science	1.1	2.9	6.5	12.0	16.8	18.6	16.7	12.6	13.0
Community and social services	5.2	9.6	16.5	21.7	19.7	15.0	8.2	3.1	1.1
Legal.....	1.1	2.0	4.6	9.4	13.4	14.4	11.5	10.9	32.6
Education, training, and library	9.4	8.6	9.7	13.9	18.7	17.1	12.1	6.1	4.4
Arts, design, entertainment, sports, and media	11.2	9.5	11.4	15.2	16.0	13.8	9.8	6.6	6.5
Healthcare practitioner and technical	1.8	4.2	7.1	10.9	17.3	21.0	16.4	9.0	12.3
Healthcare support	20.6	30.8	24.9	15.1	6.2	1.7	.4	.1	-
Protective service	14.4	14.9	14.1	15.0	13.8	13.4	8.9	4.0	1.4
Food preparation and serving related.....	63.9	18.8	9.6	4.6	2.1	.7	.2	.1	-
Building and grounds cleaning and maintenance	38.1	25.9	17.2	10.4	5.7	2.0	.5	.1	-
Personal care and service	45.0	23.9	12.9	8.0	4.9	2.6	1.4	.6	.6
Sales and related.....	33.7	17.1	11.6	9.7	8.4	6.8	4.7	3.4	4.6
Office and administrative support.....	12.8	18.3	22.2	20.6	14.6	8.2	2.3	.7	.3
Farming, fishing, and forestry.....	52.3	19.8	11.3	8.1	4.9	2.4	.9	.3	-
Construction and extraction	5.3	11.4	16.2	19.0	18.4	15.1	9.7	3.8	1.2
Installation, maintenance, and repair	5.7	9.7	14.2	19.1	21.3	17.7	8.8	2.7	.7
Production	15.0	18.9	20.3	18.8	13.4	8.7	3.4	1.0	.3
Transportation and material moving.....	22.9	19.1	18.4	16.0	12.2	6.9	2.5	.9	1.1

NOTE: Dash represents or rounds to zero.

These estimates for wage and salary workers are from the Occupational Employment Statistics (OES) survey, a federal-state cooperative program between BLS and State Workforce Agencies. The OES survey provides national, state, and metropolitan area estimates of employment and wages for 22 major occupational groups and for 801 detailed occupations, as defined by the Standard Occupational Classification (SOC) system. Table B displays the number of detailed occupations within each major occupational group, as well as the level and distribution of employment across the occupational groups.

The major occupational groups with the lowest average wages were food preparation and serving related; farming, fishing, and forestry; building and grounds cleaning and maintenance; and personal care and service. At least 38 percent of workers in each of these groups earned less than \$8.50 per hour.

Major occupational groups in which the employment was concentrated in the middle wage ranges shown in table A (hourly wages from \$13.50 to \$27.24) included business and financial operations occupations; community and social services occupations; education, training, and library occupations; healthcare practitioner and technical occupations; construction and extraction occupations; and installation, maintenance, and repair occupations.

Table B. Number of detailed occupations in each major occupational group and group employment distribution, May 2005

Major occupational group	Occupations		Employment	
	Number	Percent of total	Number	Percent of total
Total	801	100.0	130,307,850	100.0
Management	34	4.2	5,960,560	4.6
Business and financial operations	30	3.7	5,410,410	4.2
Computer and mathematical science	16	2.0	2,952,740	2.3
Architecture and engineering	35	4.4	2,382,480	1.8
Life, physical, and social science	44	5.5	1,185,730	.9
Community and social services	17	2.1	1,692,950	1.3
Legal.....	9	1.1	986,740	.8
Education, training, and library	61	7.6	8,078,500	6.2
Arts, design, entertainment, sports, and media ...	41	5.1	1,683,310	1.3
Healthcare practitioner and technical	53	6.6	6,547,350	5.0
Healthcare support	15	1.9	3,363,800	2.6
Protective service	21	2.6	3,056,660	2.3
Food preparation and serving related.....	18	2.2	10,797,700	8.3
Building and grounds cleaning and maintenance	10	1.2	4,342,550	3.3
Personal care and service	34	4.2	3,188,850	2.4
Sales and related.....	22	2.7	13,930,320	10.7
Office and administrative support.....	55	6.9	22,784,330	17.5
Farming, fishing, and forestry.....	16	2.0	443,070	.3
Construction and extraction	59	7.4	6,370,400	4.9
Installation, maintenance, and repair	51	6.4	5,305,260	4.1
Production	110	13.7	10,249,220	7.9
Transportation and material moving	50	6.2	9,594,920	7.4

Employment and Wages for Detailed Occupations

The detailed occupations with the largest number of employees were sales related. Retail salespersons and cashiers accounted for about 4.3 and 3.5 million workers, respectively. Other occupations with more than 2 million workers were general office clerks; registered nurses; laborers and freight, stock, and material movers, hand; combined food preparation and serving workers, including fast food; waiters and waitresses; janitors and cleaners, except maids and housekeeping cleaners; and customer service representatives. Among these large occupations, registered nurses had the highest average hourly earnings—\$27.35. For the other large occupations, average hourly earnings ranged from \$7.48 for combined food preparation and serving workers, including fast food, to \$14.27 for customer service representatives. (See table 1.)

Specialist physicians and dentists accounted for 12 of the 14 highest-paying detailed occupations in May 2005. The average hourly wages for these healthcare occupations ranged from \$85.43 for surgeons to \$64.27 for general dentists. Food preparation and serving related workers accounted for several of the

lowest-paying occupations. The lowest-paying occupation was fast food cooks; workers in that occupation earned \$7.45 per hour.

Table 1 shows national cross-industry employment and wage estimates for detailed occupations within each major occupational group. The OES program also provides national occupational employment and wage data by detailed industry, and cross-industry estimates for all states, 375 metropolitan statistical areas, and 34 metropolitan divisions. Employment and wage data for states and metropolitan areas for May 2005 are now available on <http://www.bls.gov/oes/current/oessrcst.htm>. National data for over 300 industries are available on <http://www.bls.gov/oes/current/oessrci.htm>. The OES survey is based on information on over 84 million workers, collected in six semiannual panels from a sample of 1.2 million business establishments.

For additional information, contact the Office of Employment and Unemployment Statistics, Division of Occupational Employment Statistics, Room 2135, 2 Massachusetts Avenue, NE, Washington, DC 20212; telephone: 202-691-6569; e-mail: oesinfo@bls.gov.

Information in this release will be made available to sensory impaired individuals upon request. Voice phone: 202-691-5200; TDD message referral phone number: 1-800-877-8339.

Change in Publication Schedule of Occupational Employment Statistics

Due to budget constraints in the Occupational Employment Statistics (OES) program, BLS will return to publishing OES data only once a year beginning with this release of May 2005 estimates. The next set of OES data to be released will be data for May 2006, which will be released in the spring of 2007.

Introduction of New Metropolitan Area Definitions

With the issuance of data for May 2005, the OES program has incorporated redefined metropolitan area definitions as designated by the Office of Management and Budget. OES data are available for 375 metropolitan statistical areas and 34 metropolitan divisions. A listing of the areas and their definitions can be found at <http://www.bls.gov/oes/current/oessrcma.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. Guam, Puerto Rico, and the Virgin Islands also are surveyed, but their data are not included in this release. OES estimates are constructed from a sample of about 1.2 million establishments. Forms are mailed to approximately 200,000 establishments in May and November of each year for a 3-year period. The nationwide response rate for the May 2005 survey was 78.4 percent based on establishments and 73.2 percent based on employment. The survey included establishments sampled in the May 2005, November 2004, May 2004, November 2003, May 2003, and November 2002 semiannual panels.

The occupational coding system

The OES survey uses the Office of Management and Budget's (OMB) occupational classification system, the Standard Occupational Classification (SOC) system. The SOC system is the first OMB-required occupational classification system for federal agencies. The OES survey categorizes workers in 1 of 801 detailed occupations. Together, these detailed occupations comprise 23 major occupational groups, one of which—military specific occupations—is not included in the OES survey. The major groups are as follows:

- Management occupations
- Business and financial operations occupations
- Computer and mathematical science occupations
- Architecture and engineering occupations
- Life, physical, and social science occupations
- Community and social services occupations
- Legal occupations
- Education, training, and library occupations
- Arts, design, entertainment, sports, and media occupations
- Healthcare practitioner and technical occupations
- Healthcare support occupations
- Protective service occupations
- Food preparation and serving related occupations
- Building and grounds cleaning and maintenance occupations
- Personal care and service occupations
- Sales and related occupations
- Office and administrative support occupations
- Farming, fishing, and forestry occupations
- Construction and extraction occupations
- Installation, maintenance, and repair occupations
- Production occupations
- Transportation and material moving occupations
- Military specific occupations (not surveyed in OES)

For more information about the SOC system, please see the Bureau of Labor Statistics (BLS) Web site at <http://www.bls.gov/soc/home.htm>.

The industry coding system

The OES survey uses the North American Industry Classification System (NAICS). For more information about

NAICS, see the BLS Web site at <http://www.bls.gov/bls/naics.htm>.

The OES survey includes establishments in NAICS sectors 11 (logging and agricultural support activities only), 21, 22, 23, 31-33, 42, 44-45, 48-49, 51, 52, 53, 54, 55, 56, 61, 62, 71, 72, 81 (except private households), state government, and local government. The U.S. Postal Service and the executive branch of the federal government also are included. An establishment is defined as an economic unit that processes goods or provides services, such as a factory, mine, or store. The establishment is generally at a single physical location and is engaged primarily in one type of economic activity.

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

Survey sample

BLS funds the survey and provides the procedures and technical support, while the State Workforce Agencies (SWAs) collect most of the data. BLS produces cross-industry and industry-specific estimates for the nation, states, and metropolitan statistical areas (MSAs). Industry-specific estimates are produced at the NAICS sector, 3-digit, 4-digit, and selected 5-digit industry levels. BLS releases all cross-industry and national estimates; the SWAs release industry-specific estimates at the state and MSA levels.

State Unemployment Insurance (UI) files provide the universe from which the OES survey draws its sample. Employment benchmarks are obtained from reports submitted by employers to the UI program. 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 areas and industry. Samples selected in panels prior to May 2005 were stratified using MSA definitions based on the 1990 Metropolitan Statistical Area standards. Beginning with the May 2005 panel, the sample was stratified using new MSA definitions based on the 2000 Metropolitan Statistical Area standards.

A census of federal government and the U.S. Postal Service is taken every panel. A census of state government and Hawaii's local government is taken every November panel. In order to provide the most occupational coverage, larger employers are more likely to be selected than smaller employers. The unweighted employment of sampled establishments make up approximately 65 percent of total national employment.

Concepts

Occupational employment is the estimate of total wage and salary employment in an occupation across the industries surveyed. The OES survey defines employment as the number of workers who can be classified as full- or part-time employees, including workers on paid vacations or other types of paid leave; workers on unpaid short-term absences;

salaried officers, executives, and staff members of incorporated firms; employees temporarily assigned to other units; and employees for whom the reporting unit is their permanent duty station regardless of whether that unit prepares their paycheck.

The OES survey form sent to establishments with more than 10 workers contains between 50 and 225 SOC occupations selected on the basis of the sampled establishment's industry classification. To reduce paperwork and respondent burden, no survey form contains every SOC occupation. Thus, data for specific occupations are collected primarily from establishments in industries that are the predominant employers of workers in those occupations. Each survey form is structured, however, to allow a respondent to provide detailed occupational information for each worker at the establishment; that is, unlisted occupations can be added to the survey form. Employers with 10 or fewer workers are sent a form with no occupations listed, and are instructed to fill in the occupations for their workers.

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

The OES survey collects wage data in 12 intervals. Employers report the number of employees in an occupation for each wage range. The wage intervals used for the May 2005 survey are as follows:

Interval	Wages	
	Hourly	Annual
Range A	Under \$6.75	Under \$14,040
Range B	\$6.75 to \$8.49	\$14,040 to \$17,679
Range C	\$8.50 to \$10.74	\$17,680 to \$22,359
Range D	\$10.75 to \$13.49	\$22,360 to \$28,079
Range E	\$13.50 to \$16.99	\$28,080 to \$35,359
Range F	\$17.00 to \$21.49	\$35,360 to \$44,719
Range G	\$21.50 to \$27.24	\$44,720 to \$56,679
Range H	\$27.25 to \$34.49	\$56,680 to \$71,759
Range I	\$34.50 to \$43.74	\$71,760 to \$90,999
Range J	\$43.75 to \$55.49	\$91,000 to \$115,439
Range K	\$55.50 to \$69.99	\$115,440 to \$145,599
Range L	\$70.00 and over	\$145,600 and over

Mean hourly wage. The mean hourly wage rate for an occupation is the total wages that all workers in the occupation earn in an hour divided by the total employment of the occupation. To calculate the mean hourly wage of each occupation, total weighted hourly wages are summed across all intervals and divided by the occupation's weighted survey employment. The mean wage for each interval is based on occupational wage data collected by the BLS Office of Compensation and Working Conditions for the National Compensation Survey (NCS).

The mean hourly wage value for the highest wage interval, \$70.00 and over, was computed separately for NCS data from 2004, 2003, and 2002. The average of these mean wage rates

was used for all of the \$70.00 and over data in the May 2005 survey. The wage rates for this interval do not go through any wage updating procedures.

Percentile wage. The p-th percentile wage range for an occupation is the wage where p percent of all workers earn that amount or less and where (100-p) percent of all workers earn that amount or more. This statistic is calculated by uniformly distributing the workers inside each wage interval, ranking the workers from lowest paid to highest paid, and calculating the product of the total employment for the occupation and the desired percentile to determine the worker that earns the p-th percentile wage rate.

Annual wage. Many employees are paid at an hourly rate by their employers and may work more than or less than 40 hours per week. Annual wage estimates for most occupations in this release are calculated by multiplying the mean hourly wage by a "year-round, full-time" figure of 2,080 hours (52 weeks by 40 hours). Thus, annual wage estimates may not represent the actual annual pay received by the employee if they work more or less than 2,080 hours per year. Some workers typically work less than full time, year round. For these occupations, the OES survey collects and reports either the annual salary or the hourly wage rate, depending on how the occupation is typically paid, but not both. For example, teachers, flight attendants, and pilots may be paid an annual salary, but do not work the usual 2,080 hours per year. In this case, an annual salary is reported. Other workers, such as entertainment workers, are paid hourly rates, but generally do not work full time, year round. For these workers, only an hourly wage is reported.

Hourly versus annual wage reporting. 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 establishment can reference either the hourly or the annual rate for full-time workers, but they are instructed to report the hourly rate for part-time workers.

Estimation methodology

Each OES panel includes approximately 200,000 establishments. The OES survey is designed to produce estimates using six panels (3 years) of data. The full six-panel sample of 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. The procedure assumes that there are no major differences by geography, industry, or detailed occupation within the occupational division.

Imputation. About 20 percent of establishments do not respond for a given panel. A “nearest neighbor” hot deck imputation procedure is used to impute missing occupational employment totals. A variant of mean imputation is used to impute missing wage distributions. The variant of mean imputation for wage distributions also is applied to establishments that provide reports with occupational totals but partial or missing wage data.

Weighting and benchmarking. The sample establishments in each panel are weighted to represent all establishments that were part of the in-scope frame from which the panel was selected. Based on the sampled establishments, sampling weights are adjusted when six panels are combined. Sampling weights are further adjusted by the ratio of employment totals (the average of November 2004 and May 2005 employment) from the BLS Quarterly Census of Employment and Wages to employment totals from the OES survey.

May 2005 OES survey estimates. The May 2005 OES survey estimates are based on all data collected from establishments in the May 2005, November 2004, May 2004, November 2003, May 2003, and November 2002 semiannual samples.

Reliability of the estimates. Estimates calculated from a sample survey are subject to two types of error: sampling and nonsampling. *Sampling error* occurs when estimates are calculated from a subset (that is, a sample) of the population instead of the full population. When a sample of the population is surveyed, there is a chance that the sample estimate of the characteristic of interest may differ from the population value

of that characteristic. Differences between the sample estimate and the population value will vary depending on the sample selected. This variability can be estimated by calculating the standard error (SE) of the sample estimate. If we were to repeat the sampling and estimation process countless times using the same survey design, approximately 90 percent of the intervals created by adding and subtracting 1.645 SEs from the sample estimate would include the population value. These intervals are called 90-percent confidence intervals. The OES survey, however, usually uses the relative standard error (RSE) of a sample estimate instead of its SE to measure sampling error. RSE is defined as the SE of a sample estimate divided by the sample estimate itself. This statistic provides the user with a measure of the relative precision of the sample estimate. RSEs are calculated for both occupational employment and mean wage rate estimates. Occupational employment RSEs are calculated using a subsample, random group replication technique called the jackknife. Mean wage rate RSEs are calculated using a variance components model that accounts for both the observed and unobserved components of the wage data. The variances of the unobserved components are estimated using wage data from the BLS National Compensation Survey. In general, estimates based on many establishments have lower RSEs than estimates based on few establishments. If the distributional assumptions of the models are violated, the resulting confidence intervals may not reflect the prescribed level of confidence.

Nonsampling error occurs for a variety of reasons, none of which are directly connected to sampling. Examples of nonsampling error include: nonresponse, data incorrectly reported by the respondent, mistakes made in entering collected data into the database, and mistakes made in editing and processing the collected data.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2005

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Management occupations				
Chief executives.....	321,300	\$67.22	\$139,810	\$68.48
General and operations managers.....	1,663,810	45.90	95,470	39.17
Legislators.....	61,060	(?)	31,320	(?)
Advertising and promotions managers.....	41,710	39.06	81,250	33.10
Marketing managers.....	166,470	49.03	101,990	44.56
Sales managers.....	317,970	47.36	98,510	42.11
Public relations managers.....	43,770	41.26	85,820	36.75
Administrative services managers.....	239,410	33.44	69,540	30.78
Computer and information systems managers.....	259,330	49.21	102,360	46.41
Financial managers.....	471,950	46.45	96,620	41.48
Compensation and benefits managers.....	51,470	36.68	76,300	33.23
Training and development managers.....	28,720	38.55	80,180	35.66
Human resources managers, all other.....	57,830	43.24	89,950	40.47
Industrial production managers.....	153,950	39.41	81,960	36.34
Purchasing managers.....	69,300	39.16	81,440	36.67
Transportation, storage, and distribution managers.....	84,870	36.12	75,130	33.23
Farm, ranch, and other agricultural managers.....	4,070	26.81	55,760	24.60
Farmers and ranchers.....	350	19.09	39,720	16.41
Construction managers.....	192,610	39.31	81,760	34.74
Education administrators, preschool and child care center/program.....	47,670	20.51	42,670	17.79
Education administrators, elementary and secondary school.....	213,250	(?)	76,890	(?)
Education administrators, postsecondary.....	105,360	37.78	78,590	33.82
Education administrators, all other.....	24,710	33.38	69,430	30.85
Engineering managers.....	187,410	50.71	105,470	48.44
Food service managers.....	191,420	21.60	44,930	19.87
Funeral directors.....	21,960	27.04	56,240	22.90
Gaming managers.....	3,310	31.69	65,920	28.82
Lodging managers.....	31,040	22.80	47,420	19.53
Medical and health services managers.....	230,130	37.09	77,140	33.51
Natural sciences managers.....	40,400	47.66	99,140	44.75
Postmasters and mail superintendents.....	26,120	25.83	53,740	25.34
Property, real estate, and community association managers.....	154,230	24.31	50,570	20.14
Social and community service managers.....	112,910	25.92	53,920	23.80
Managers, all other.....	340,720	40.16	83,530	38.06
Business and financial operations occupations				
Agents and business managers of artists, performers, and athletes.....	10,640	33.68	70,060	25.87
Purchasing agents and buyers, farm products.....	12,970	25.47	52,970	22.44
Wholesale and retail buyers, except farm products.....	132,900	23.58	49,050	20.61
Purchasing agents, except wholesale, retail, and farm products.....	267,410	25.27	52,560	23.57
Claims adjusters, examiners, and investigators.....	234,030	23.66	49,210	22.21
Insurance appraisers, auto damage.....	12,900	23.43	48,740	23.12
Compliance officers, except agriculture, construction, health and safety, and transportation.....	161,810	25.63	53,320	23.73
Cost estimators.....	204,330	26.91	55,980	25.01
Emergency management specialists.....	11,240	23.90	49,720	22.10
Employment, recruitment, and placement specialists.....	181,260	23.31	48,470	20.08
Compensation, benefits, and job analysis specialists.....	97,740	24.88	51,750	23.49
Training and development specialists.....	206,860	23.58	49,060	22.05
Human resources, training, and labor relations specialists, all other.....	171,880	24.27	50,480	23.29
Logisticians.....	52,220	30.30	63,010	28.90
Management analysts.....	441,000	36.06	75,000	31.91
Meeting and convention planners.....	40,040	21.44	44,590	19.85
Business operations specialists, all other.....	916,290	28.38	59,030	26.22
Accountants and auditors.....	1,051,220	27.89	58,020	25.10
Appraisers and assessors of real estate.....	63,800	23.96	49,830	20.88
Budget analysts.....	53,510	29.89	62,180	28.32
Credit analysts.....	61,500	27.94	58,110	24.22
Financial analysts.....	180,910	35.16	73,130	30.70
Personal financial advisors.....	108,640	39.89	82,970	30.53
Insurance underwriters.....	98,970	27.15	56,480	24.65
Financial examiners.....	22,160	32.74	68,090	30.33
Loan counselors.....	28,030	20.85	43,370	17.15
Loan officers.....	332,690	28.53	59,350	23.77
Tax examiners, collectors, and revenue agents.....	72,290	23.78	49,460	21.26
Tax preparers.....	58,850	14.90	31,000	12.36
Financial specialists, all other.....	122,320	27.47	57,130	24.64
Computer and mathematical science occupations				
Computer and information scientists, research.....	25,890	45.21	94,030	43.86
Computer programmers.....	389,090	32.40	67,400	30.49
Computer software engineers, applications.....	455,980	38.24	79,540	37.06
Computer software engineers, systems software.....	320,720	40.54	84,310	39.48
Computer support specialists.....	499,860	20.86	43,380	19.52
Computer systems analysts.....	492,120	33.86	70,430	32.84
Database administrators.....	99,380	31.54	65,590	30.41

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2005—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Computer and mathematical science occupations—Continued				
Network and computer systems administrators.....	270,330	\$30.39	\$63,210	\$28.81
Network systems and data communications analysts.....	185,190	31.23	64,970	29.69
Computer specialists, all other.....	116,760	30.38	63,190	28.57
Actuaries.....	15,770	43.63	90,760	39.25
Mathematicians.....	2,930	39.02	81,150	38.90
Operations research analysts.....	52,530	31.70	65,940	29.90
Statisticians.....	17,480	31.79	66,130	30.02
Mathematical technicians.....	1,430	22.23	46,230	17.54
Mathematical scientists, all other.....	7,320	29.60	61,560	29.74
Architecture and engineering occupations				
Architects, except landscape and naval.....	96,740	32.96	68,560	30.22
Landscape architects.....	20,220	28.62	59,540	26.07
Cartographers and photogrammetrists.....	11,260	24.68	51,340	23.20
Surveyors.....	54,220	23.53	48,950	22.05
Aerospace engineers.....	81,100	41.08	85,450	40.43
Agricultural engineers.....	3,170	31.91	66,370	31.20
Biomedical engineers.....	11,660	36.24	75,380	34.54
Chemical engineers.....	27,550	38.09	79,230	37.09
Civil engineers.....	229,700	33.41	69,480	31.82
Computer hardware engineers.....	78,580	41.91	87,170	40.59
Electrical engineers.....	144,920	36.57	76,060	35.34
Electronics engineers, except computer.....	130,050	38.46	79,990	37.52
Environmental engineers.....	50,140	34.00	70,720	32.74
Health and safety engineers, except mining safety engineers and inspectors.....	25,330	32.33	67,240	31.35
Industrial engineers.....	191,640	32.93	68,500	32.05
Marine engineers and naval architects.....	6,550	35.73	74,320	35.06
Materials engineers.....	20,950	34.32	71,390	33.49
Mechanical engineers.....	220,750	33.65	70,000	32.49
Mining and geological engineers, including mining safety engineers.....	5,680	36.09	75,070	33.69
Nuclear engineers.....	14,290	43.60	90,690	42.45
Petroleum engineers.....	14,860	46.80	97,350	44.71
Engineers, all other.....	152,940	37.29	77,570	37.09
Architectural and civil drafters.....	101,040	20.24	42,110	19.42
Electrical and electronics drafters.....	30,270	23.27	48,410	21.90
Mechanical drafters.....	74,650	21.87	45,490	20.84
Drafters, all other.....	20,870	21.84	45,420	20.34
Aerospace engineering and operations technicians.....	9,950	26.31	54,720	25.22
Civil engineering technicians.....	90,390	19.61	40,780	18.85
Electrical and electronic engineering technicians.....	165,850	23.42	48,710	23.10
Electro-mechanical technicians.....	15,130	21.96	45,670	21.10
Environmental engineering technicians.....	19,900	20.16	41,940	19.14
Industrial engineering technicians.....	73,310	23.67	49,220	21.77
Mechanical engineering technicians.....	46,580	22.37	46,520	21.55
Engineering technicians, except drafters, all other.....	78,300	25.19	52,400	25.25
Surveying and mapping technicians.....	63,910	16.05	33,390	15.04
Life, physical, and social science occupations				
Animal scientists.....	3,000	22.88	47,600	20.76
Food scientists and technologists.....	7,570	27.33	56,840	24.73
Soil and plant scientists.....	10,100	27.90	58,040	26.22
Biochemists and biophysicists.....	17,690	36.21	75,320	34.14
Microbiologists.....	15,250	30.46	63,360	27.34
Zoologists and wildlife biologists.....	16,440	26.58	55,280	25.02
Biological scientists, all other.....	26,200	30.61	63,670	28.94
Conservation scientists.....	15,540	26.27	54,640	25.65
Foresters.....	10,750	24.53	51,030	23.40
Epidemiologists.....	3,630	27.09	56,340	25.08
Medical scientists, except epidemiologists.....	73,670	33.24	69,140	29.68
Life scientists, all other.....	12,790	31.04	64,570	27.10
Astronomers.....	970	48.73	101,360	50.32
Physicists.....	15,160	43.98	91,480	43.18
Atmospheric and space scientists.....	7,050	35.11	73,020	35.55
Chemists.....	76,540	30.51	63,470	27.83
Materials scientists.....	7,880	35.74	74,350	34.35
Environmental scientists and specialists, including health.....	72,000	27.63	57,470	25.30
Geoscientists, except hydrologists and geographers.....	27,430	38.46	79,990	34.44
Hydrologists.....	8,360	32.33	67,260	30.68
Physical scientists, all other.....	23,800	40.57	84,380	40.05
Economists.....	12,470	38.90	80,900	35.43
Market research analysts.....	195,710	30.95	64,370	27.55
Survey researchers.....	21,650	18.13	37,710	14.97
Clinical, counseling, and school psychologists.....	98,820	30.75	63,960	27.49
Industrial-organizational psychologists.....	1,070	43.26	89,980	40.72
Psychologists, all other.....	6,750	35.70	74,250	35.70

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2005—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Life, physical, and social science occupations—Continued				
Sociologists.....	3,500	\$29.66	\$61,700	\$25.37
Urban and regional planners.....	31,650	27.70	57,620	26.53
Anthropologists and archeologists.....	4,790	24.07	50,060	22.07
Geographers.....	810	31.07	64,620	30.56
Historians.....	2,850	23.86	49,620	21.35
Political scientists.....	5,010	40.78	84,820	40.43
Social scientists and related workers, all other.....	31,900	31.27	65,040	30.12
Agricultural and food science technicians.....	19,340	15.99	33,260	15.08
Biological technicians.....	67,080	17.54	36,480	16.47
Chemical technicians.....	59,790	19.29	40,120	18.51
Geological and petroleum technicians.....	11,130	23.82	49,550	21.03
Nuclear technicians.....	6,050	28.77	59,840	29.39
Social science research assistants.....	16,320	17.29	35,960	16.32
Environmental science and protection technicians, including health.....	32,460	18.52	38,520	17.43
Forensic science technicians.....	11,030	22.79	47,390	21.44
Forest and conservation technicians.....	29,940	15.13	31,480	13.72
Life, physical, and social science technicians, all other.....	63,810	21.72	45,180	19.25
Community and social services occupations				
Substance abuse and behavioral disorder counselors.....	72,210	16.73	34,800	15.66
Educational, vocational, and school counselors.....	214,160	23.33	48,530	22.33
Marriage and family therapists.....	18,500	21.90	45,550	20.34
Mental health counselors.....	87,220	18.01	37,470	16.35
Rehabilitation counselors.....	117,230	15.07	31,350	13.62
Counselors, all other.....	21,390	19.01	39,540	17.91
Child, family, and school social workers.....	256,430	18.65	38,780	17.00
Medical and public health social workers.....	112,220	20.52	42,690	19.77
Mental health and substance abuse social workers.....	120,140	17.75	36,920	16.54
Social workers, all other.....	60,940	20.54	42,720	19.85
Health educators.....	51,970	20.89	43,440	19.10
Probation officers and correctional treatment specialists.....	90,600	20.92	43,510	19.33
Social and human service assistants.....	313,210	12.79	26,600	12.03
Community and social service specialists, all other.....	99,860	16.85	35,060	15.83
Clergy.....	36,590	20.05	41,700	18.53
Directors, religious activities and education.....	13,610	17.09	35,540	15.64
Religious workers, all other.....	6,670	13.48	28,050	11.43
Legal occupations				
Lawyers.....	529,190	53.13	110,520	47.56
Administrative law judges, adjudicators, and hearing officers.....	15,350	36.89	76,730	33.98
Arbitrators, mediators, and conciliators.....	5,780	28.78	59,870	26.14
Judges, magistrate judges, and magistrates.....	25,330	43.99	91,500	46.91
Paralegals and legal assistants.....	217,700	20.92	43,510	19.79
Court reporters.....	17,130	21.84	45,420	20.02
Law clerks.....	40,620	17.78	36,980	17.12
Title examiners, abstractors, and searchers.....	64,580	19.26	40,070	16.88
Legal support workers, all other.....	71,060	22.54	46,890	21.06
Education, training, and library occupations				
Business teachers, postsecondary.....	67,420	(²)	67,500	(²)
Computer science teachers, postsecondary.....	38,520	(²)	60,330	(²)
Mathematical science teachers, postsecondary.....	44,660	(²)	58,850	(²)
Architecture teachers, postsecondary.....	6,110	(²)	65,740	(²)
Engineering teachers, postsecondary.....	34,500	(²)	78,780	(²)
Agricultural sciences teachers, postsecondary.....	11,460	(²)	73,680	(²)
Biological science teachers, postsecondary.....	59,540	(²)	77,690	(²)
Forestry and conservation science teachers, postsecondary.....	2,990	(²)	67,550	(²)
Atmospheric, earth, marine, and space sciences teachers, postsecondary.....	8,810	(²)	70,960	(²)
Chemistry teachers, postsecondary.....	19,520	(²)	65,400	(²)
Environmental science teachers, postsecondary.....	4,340	(²)	66,020	(²)
Physics teachers, postsecondary.....	13,310	(²)	71,020	(²)
Anthropology and archeology teachers, postsecondary.....	5,320	(²)	66,700	(²)
Area, ethnic, and cultural studies teachers, postsecondary.....	7,970	(²)	62,480	(²)
Economics teachers, postsecondary.....	12,670	(²)	74,600	(²)
Geography teachers, postsecondary.....	4,250	(²)	61,790	(²)
Political science teachers, postsecondary.....	13,710	(²)	65,760	(²)
Psychology teachers, postsecondary.....	30,240	(²)	61,980	(²)
Sociology teachers, postsecondary.....	14,980	(²)	59,030	(²)
Social sciences teachers, postsecondary, all other.....	6,330	(²)	66,060	(²)
Health specialties teachers, postsecondary.....	108,680	(²)	82,450	(²)
Nursing instructors and teachers, postsecondary.....	37,020	(²)	56,840	(²)
Education teachers, postsecondary.....	51,320	(²)	54,790	(²)
Library science teachers, postsecondary.....	3,960	(²)	56,630	(²)
Criminal justice and law enforcement teachers, postsecondary.....	9,880	(²)	52,930	(²)
Law teachers, postsecondary.....	13,560	(²)	95,570	(²)
Social work teachers, postsecondary.....	7,440	(²)	56,520	(²)
Art, drama, and music teachers, postsecondary.....	69,260	(²)	55,340	(²)

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2005—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Education, training, and library occupations—Continued				
Communications teachers, postsecondary.....	22,320	(?)	\$54,010	(?)
English language and literature teachers, postsecondary.....	58,710	(?)	53,950	(?)
Foreign language and literature teachers, postsecondary.....	23,830	(?)	53,400	(?)
History teachers, postsecondary.....	20,520	(?)	59,450	(?)
Philosophy and religion teachers, postsecondary.....	18,340	(?)	57,960	(?)
Graduate teaching assistants.....	117,970	(?)	29,170	(?)
Home economics teachers, postsecondary.....	4,010	(?)	51,760	(?)
Recreation and fitness studies teachers, postsecondary.....	16,530	(?)	48,960	(?)
Vocational education teachers, postsecondary.....	105,980	21.69	45,110	20.07
Postsecondary teachers, all other.....	267,280	(?)	67,540	(?)
Preschool teachers, except special education.....	348,690	12.09	25,150	10.57
Kindergarten teachers, except special education.....	171,290	(?)	45,250	(?)
Elementary school teachers, except special education.....	1,486,650	(?)	46,990	(?)
Middle school teachers, except special and vocational education.....	637,340	(?)	47,890	(?)
Vocational education teachers, middle school.....	15,380	(?)	46,080	(?)
Secondary school teachers, except special and vocational education.....	1,015,740	(?)	49,400	(?)
Vocational education teachers, secondary school.....	96,600	(?)	49,240	(?)
Special education teachers, preschool, kindergarten, and elementary school.....	214,060	(?)	47,820	(?)
Special education teachers, middle school.....	103,480	(?)	50,340	(?)
Special education teachers, secondary school.....	136,290	(?)	50,880	(?)
Adult literacy, remedial education, and GED teachers and instructors.....	66,070	21.21	44,110	19.84
Self-enrichment education teachers.....	141,650	17.68	36,760	15.56
Teachers and instructors, all other.....	530,670	(?)	33,510	(?)
Archivists.....	5,410	19.64	40,850	17.99
Curators.....	8,790	23.64	49,180	21.75
Museum technicians and conservators.....	9,370	17.94	37,320	16.39
Librarians.....	146,740	23.61	49,110	22.79
Library technicians.....	115,770	12.95	26,940	12.33
Audio-visual collections specialists.....	6,910	19.76	41,100	19.36
Farm and home management advisors.....	12,620	22.05	45,860	20.14
Instructional coordinators.....	112,880	25.66	53,360	24.24
Teacher assistants.....	1,260,400	(?)	21,100	(?)
Education, training, and library workers, all other.....	72,450	16.33	33,970	14.37
Arts, design, entertainment, sports, and media occupations				
Art directors.....	29,350	35.48	73,790	30.75
Craft artists.....	4,300	13.15	27,360	10.78
Fine artists, including painters, sculptors, and illustrators.....	10,390	22.44	46,670	19.85
Multi-media artists and animators.....	23,790	27.53	57,270	24.18
Artists and related workers, all other.....	5,290	17.73	36,880	15.01
Commercial and industrial designers.....	31,650	27.30	56,780	25.10
Fashion designers.....	12,980	32.39	67,370	29.26
Floral designers.....	63,920	10.77	22,410	10.12
Graphic designers.....	178,530	20.45	42,530	18.46
Interior designers.....	50,020	22.60	47,010	19.88
Merchandise displayers and window trimmers.....	64,320	12.10	25,170	10.86
Set and exhibit designers.....	8,380	20.15	41,920	17.98
Designers, all other.....	12,410	22.99	47,810	20.96
Actors.....	59,590	23.73	(?)	13.60
Producers and directors.....	59,070	33.16	68,970	25.89
Athletes and sports competitors.....	12,230	(?)	71,900	(?)
Coaches and scouts.....	145,440	(?)	32,050	(?)
Umpires, referees, and other sports officials.....	12,800	(?)	27,150	(?)
Dancers.....	16,240	13.22	(?)	8.92
Choreographers.....	16,150	18.26	37,970	15.84
Music directors and composers.....	8,610	20.90	43,470	16.74
Musicians and singers.....	50,410	25.16	(?)	17.90
Entertainers and performers, sports and related workers, all other.....	68,540	17.92	(?)	15.73
Radio and television announcers.....	41,090	17.11	35,600	11.60
Public address system and other announcers.....	8,150	14.98	31,160	11.20
Broadcast news analysts.....	6,680	30.73	63,920	20.58
Reporters and correspondents.....	52,920	19.41	40,370	15.52
Public relations specialists.....	191,430	24.56	51,080	21.64
Editors.....	96,270	24.88	51,750	21.88
Technical writers.....	46,250	27.75	57,720	26.52
Writers and authors.....	43,020	25.89	53,850	22.32
Interpreters and translators.....	29,240	18.41	38,300	16.73
Media and communication workers, all other.....	25,660	22.13	46,030	20.14
Audio and video equipment technicians.....	40,390	17.48	36,350	15.84
Broadcast technicians.....	30,730	17.00	35,350	14.62
Radio operators.....	1,190	18.21	37,880	17.42
Sound engineering technicians.....	12,680	22.98	47,790	18.46
Photographers.....	58,260	15.10	31,410	12.55
Camera operators, television, video, and motion picture.....	22,530	22.13	46,040	20.01
Film and video editors.....	15,200	26.31	54,730	22.56

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2005—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Arts, design, entertainment, sports, and media occupations—Continued				
Media and communication equipment workers, all other.....	17,200	\$24.81	\$51,610	\$22.95
Healthcare practitioner and technical occupations				
Chiropractors.....	24,290	39.45	82,060	32.31
Dentists, general.....	86,270	64.27	133,680	60.24
Oral and maxillofacial surgeons.....	5,120	77.24	160,660	(?)
Orthodontists.....	4,820	78.56	163,410	(?)
Prosthodontists.....	560	70.23	146,080	(?)
Dentists, all other specialists.....	3,480	55.60	115,640	45.48
Dietitians and nutritionists.....	48,850	22.09	45,950	21.61
Optometrists.....	23,720	45.91	95,500	42.33
Pharmacists.....	229,740	42.62	88,650	43.18
Anesthesiologists.....	27,970	83.77	174,240	(?)
Family and general practitioners.....	112,150	67.49	140,370	67.50
Internists, general.....	48,210	75.27	156,550	(?)
Obstetricians and gynecologists.....	21,910	82.60	171,810	(?)
Pediatricians, general.....	26,400	66.94	139,230	65.67
Psychiatrists.....	23,450	70.26	146,150	(?)
Surgeons.....	52,930	85.43	177,690	(?)
Physicians and surgeons, all other.....	180,210	66.79	138,910	68.98
Physician assistants.....	63,350	34.17	71,070	34.63
Podiatrists.....	8,290	53.49	111,250	48.34
Registered nurses.....	2,368,070	27.35	56,880	26.28
Audiologists.....	10,330	27.72	57,660	25.72
Occupational therapists.....	87,430	28.41	59,100	27.34
Physical therapists.....	151,280	31.42	65,350	30.33
Radiation therapists.....	14,120	30.59	63,620	29.97
Recreational therapists.....	23,260	16.90	35,150	16.10
Respiratory therapists.....	95,320	22.24	46,270	21.70
Speech-language pathologists.....	94,660	27.89	58,000	26.38
Therapists, all other.....	9,730	21.96	45,680	20.22
Veterinarians.....	47,870	37.36	77,710	33.13
Health diagnosing and treating practitioners, all other.....	57,880	42.13	87,630	27.64
Medical and clinical laboratory technologists.....	155,250	23.37	48,600	22.94
Medical and clinical laboratory technicians.....	142,330	15.95	33,170	15.24
Dental hygienists.....	161,140	29.15	60,620	29.28
Cardiovascular technologists and technicians.....	43,560	19.99	41,580	19.43
Diagnostic medical sonographers.....	43,590	26.65	55,430	26.14
Nuclear medicine technologists.....	18,280	29.10	60,530	28.69
Radiologic technologists and technicians.....	184,580	22.60	47,010	22.09
Emergency medical technicians and paramedics.....	196,880	13.68	28,440	12.54
Dietetic technicians.....	23,780	12.20	25,380	11.28
Pharmacy technicians.....	266,790	12.19	25,350	11.73
Psychiatric technicians.....	62,040	14.04	29,210	12.87
Respiratory therapy technicians.....	22,060	18.57	38,620	18.37
Surgical technologists.....	83,680	17.27	35,920	16.75
Veterinary technologists and technicians.....	63,860	12.84	26,710	12.34
Licensed practical and licensed vocational nurses.....	710,020	17.41	36,210	16.94
Medical records and health information technicians.....	160,450	13.81	28,720	12.83
Opticians, dispensing.....	70,090	14.80	30,770	13.94
Orthotists and prosthetists.....	5,190	28.87	60,050	25.85
Health technologists and technicians, all other.....	71,140	18.04	37,520	16.49
Occupational health and safety specialists.....	35,460	26.83	55,800	25.82
Occupational health and safety technicians.....	9,510	22.17	46,120	20.75
Athletic trainers.....	15,110	(?)	36,520	(?)
Healthcare practitioners and technical workers, all other.....	50,880	19.03	39,590	16.12
Healthcare support occupations				
Home health aides.....	663,280	9.34	19,420	9.04
Nursing aides, orderlies, and attendants.....	1,391,430	10.67	22,200	10.31
Psychiatric aides.....	56,150	11.47	23,860	11.02
Occupational therapist assistants.....	22,160	19.13	39,800	19.11
Occupational therapist aides.....	6,220	13.20	27,450	11.69
Physical therapist assistants.....	58,670	18.98	39,490	18.98
Physical therapist aides.....	41,930	11.01	22,900	10.34
Massage therapists.....	37,670	19.33	40,210	15.81
Dental assistants.....	270,720	14.41	29,970	14.19
Medical assistants.....	382,720	12.58	26,160	12.19
Medical equipment preparers.....	41,790	12.42	25,830	11.96
Medical transcriptionists.....	90,380	14.36	29,880	13.98
Pharmacy aides.....	46,610	9.76	20,310	9.09
Veterinary assistants and laboratory animal caretakers.....	69,890	9.90	20,590	9.43
Healthcare support workers, all other.....	184,200	13.05	27,150	12.51

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2005—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Protective service occupations				
First-line supervisors/managers of correctional officers.....	37,530	\$24.37	\$50,700	\$23.35
First-line supervisors/managers of police and detectives.....	91,320	32.33	67,240	31.52
First-line supervisors/managers of fire fighting and prevention workers.....	53,490	30.06	62,510	29.25
First-line supervisors/managers, protective service workers, all other.....	49,330	21.95	45,650	19.78
Fire fighters.....	282,180	19.43	40,420	18.80
Fire inspectors and investigators.....	12,820	23.44	48,760	22.64
Forest fire inspectors and prevention specialists.....	1,720	18.44	38,360	16.48
Bailiffs.....	17,160	16.90	35,160	16.25
Correctional officers and jailers.....	411,080	17.60	36,600	16.39
Detectives and criminal investigators.....	85,270	28.24	58,750	26.82
Fish and game wardens.....	6,300	20.85	43,360	20.60
Parking enforcement workers.....	10,140	14.72	30,620	13.98
Police and sheriff's patrol officers.....	624,130	22.73	47,270	22.25
Transit and railroad police.....	5,090	24.20	50,330	23.49
Animal control workers.....	13,940	13.50	28,090	12.87
Private detectives and investigators.....	33,720	17.78	36,980	15.70
Gaming surveillance officers and gaming investigators.....	8,730	13.82	28,740	12.44
Security guards.....	994,220	10.91	22,690	9.98
Crossing guards.....	69,390	10.21	21,230	9.64
Lifeguards, ski patrol, and other recreational protective service workers.....	107,620	8.67	18,020	8.13
Protective service workers, all other.....	141,480	15.90	33,070	14.77
Food preparation and serving related occupations				
Chefs and head cooks.....	115,850	17.23	35,840	15.54
First-line supervisors/managers of food preparation and serving workers.....	748,550	13.44	27,960	12.53
Cooks, fast food.....	631,190	7.45	15,500	7.25
Cooks, institution and cafeteria.....	393,500	9.88	20,550	9.44
Cooks, private household.....	830	11.18	23,250	10.01
Cooks, restaurant.....	791,450	9.86	20,510	9.54
Cooks, short order.....	203,350	8.64	17,980	8.28
Cooks, all other.....	12,100	11.40	23,720	10.48
Food preparation workers.....	880,360	8.68	18,060	8.19
Bartenders.....	480,010	8.48	17,640	7.62
Combined food preparation and serving workers, including fast food.....	2,298,010	7.48	15,550	7.11
Counter attendants, cafeteria, food concession, and coffee shop.....	501,390	7.88	16,380	7.60
Waiters and waitresses.....	2,274,770	7.84	16,310	6.83
Food servers, nonrestaurant.....	188,750	8.98	18,680	8.28
Dining room and cafeteria attendants and bartender helpers.....	391,320	7.59	15,800	7.23
Dishwashers.....	498,620	7.58	15,760	7.45
Hosts and hostesses, restaurant, lounge, and coffee shop.....	328,930	7.90	16,430	7.62
Food preparation and serving related workers, all other.....	58,730	9.14	19,000	8.38
Building and grounds cleaning and maintenance occupations				
First-line supervisors/managers of housekeeping and janitorial workers.....	186,870	15.66	32,570	14.58
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers.....	106,280	18.82	39,150	17.46
Janitors and cleaners, except maids and housekeeping cleaners.....	2,107,360	10.15	21,120	9.32
Maids and housekeeping cleaners.....	893,820	8.74	18,180	8.21
Building cleaning workers, all other.....	15,610	12.99	27,020	11.25
Pest control workers.....	62,400	13.89	28,880	13.06
Landscaping and groundskeeping workers.....	896,690	10.74	22,350	9.94
Pesticide handlers, sprayers, and applicators, vegetation.....	25,770	13.22	27,500	12.56
Tree trimmers and pruners.....	29,790	14.35	29,850	13.42
Grounds maintenance workers, all other.....	17,960	11.78	24,510	10.04
Personal care and service occupations				
Gaming supervisors.....	24,180	19.87	41,320	19.38
Slot key persons.....	14,700	11.65	24,230	10.64
First-line supervisors/managers of personal service workers.....	125,760	16.53	34,390	15.09
Animal trainers.....	8,320	14.19	29,510	11.92
Nonfarm animal caretakers.....	100,550	9.64	20,050	8.52
Gaming dealers.....	82,320	7.71	16,040	6.85
Gaming and sports book writers and runners.....	19,290	9.58	19,930	8.87
Gaming service workers, all other.....	16,070	11.53	23,980	10.37
Motion picture projectionists.....	10,230	9.30	19,340	8.07
Ushers, lobby attendants, and ticket takers.....	102,330	8.05	16,740	7.41
Amusement and recreation attendants.....	232,030	8.15	16,950	7.65
Costume attendants.....	3,900	13.94	28,990	12.19
Locker room, coatroom, and dressing room attendants.....	20,340	9.02	18,760	8.63
Embalmers.....	9,840	19.01	39,550	17.77
Funeral attendants.....	30,220	10.39	21,600	9.48
Barbers.....	13,630	11.88	24,700	10.46

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2005—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Personal care and service occupations—Continued				
Hairdressers, hairstylists, and cosmetologists.....	338,910	\$11.36	\$23,640	\$9.91
Makeup artists, theatrical and performance.....	1,070	15.70	32,660	11.29
Manicurists and pedicurists.....	42,960	9.81	20,400	8.79
Shampooers.....	16,040	7.85	16,320	7.49
Skin care specialists.....	22,740	12.90	26,830	11.22
Baggage porters and bellhops.....	51,300	10.03	20,870	8.46
Concierges.....	16,810	12.08	25,130	11.30
Tour guides and escorts.....	28,320	10.42	21,670	9.61
Travel guides.....	3,120	15.03	31,270	14.06
Flight attendants.....	99,590	(²)	53,740	(²)
Transportation attendants, except flight attendants and baggage porters.....	24,810	9.88	20,550	9.28
Child care workers.....	557,680	8.74	18,180	8.20
Personal and home care aides.....	566,860	8.52	17,710	8.34
Fitness trainers and aerobics instructors.....	189,220	14.93	31,060	12.43
Recreation workers.....	264,840	10.78	22,420	9.67
Residential advisors.....	50,490	11.39	23,690	10.51
Personal care and service workers, all other.....	(³)	10.20	21,210	8.91
Sales and related occupations				
First-line supervisors/managers of retail sales workers.....	1,083,890	18.08	37,600	15.79
First-line supervisors/managers of non-retail sales workers.....	294,010	35.42	73,670	29.79
Cashiers.....	3,481,420	8.32	17,300	7.82
Gaming change persons and booth cashiers.....	28,590	9.92	20,630	9.64
Counter and rental clerks.....	473,090	10.83	22,530	9.12
Parts salespersons.....	235,190	13.94	28,990	12.72
Retail salespersons.....	4,344,770	11.14	23,170	9.20
Advertising sales agents.....	153,890	24.23	50,400	20.08
Insurance sales agents.....	299,470	27.38	56,960	20.36
Securities, commodities, and financial services sales agents.....	251,710	42.30	87,990	32.28
Travel agents.....	88,590	14.78	30,750	13.78
Sales representatives, services, all other.....	439,450	26.07	54,230	22.50
Sales representatives, wholesale and manufacturing, technical and scientific products.....	379,890	33.14	68,940	29.21
Sales representatives, wholesale and manufacturing, except technical and scientific products.....	1,436,800	26.90	55,940	22.78
Demonstrators and product promoters.....	86,050	11.81	24,570	9.96
Models.....	1,430	13.26	27,570	10.92
Real estate brokers.....	41,760	36.98	76,930	27.49
Real estate sales agents.....	150,200	25.04	52,090	18.87
Sales engineers.....	69,790	38.16	79,370	35.68
Telemarketers.....	400,860	11.30	23,500	9.79
Door-to-door sales workers, news and street vendors, and related workers.....	10,970	12.19	25,350	9.83
Sales and related workers, all other.....	178,480	19.05	39,610	15.77
Office and administrative support occupations				
First-line supervisors/managers of office and administrative support workers.....	1,352,130	21.89	45,540	20.38
Switchboard operators, including answering service.....	194,980	11.07	23,020	10.61
Telephone operators.....	29,290	14.92	31,030	15.09
Communications equipment operators, all other.....	3,870	16.36	34,030	15.64
Bill and account collectors.....	431,280	14.36	29,860	13.54
Billing and posting clerks and machine operators.....	513,020	13.87	28,860	13.36
Bookkeeping, accounting, and auditing clerks.....	1,815,340	14.76	30,700	14.18
Gaming cage workers.....	18,730	11.28	23,460	10.76
Payroll and timekeeping clerks.....	205,600	15.44	32,120	15.08
Procurement clerks.....	71,390	15.64	32,530	15.49
Tellers.....	599,220	10.59	22,020	10.24
Brokerage clerks.....	70,110	18.34	38,140	17.04
Correspondence clerks.....	17,990	14.51	30,180	13.66
Court, municipal, and license clerks.....	102,060	15.02	31,230	14.09
Credit authorizers, checkers, and clerks.....	65,410	14.90	30,990	14.10
Customer service representatives.....	2,067,700	14.27	29,680	13.22
Eligibility interviewers, government programs.....	85,550	16.53	34,390	16.22
File clerks.....	229,830	10.98	22,840	10.30
Hotel, motel, and resort desk clerks.....	207,190	9.05	18,820	8.56
Interviewers, except eligibility and loan.....	201,790	12.54	26,070	12.07
Library assistants, clerical.....	104,650	10.76	22,380	10.16
Loan interviewers and clerks.....	231,700	15.33	31,880	14.52
New accounts clerks.....	82,450	13.69	28,460	13.18
Order clerks.....	259,760	13.18	27,410	12.30
Human resources assistants, except payroll and timekeeping.....	161,870	16.24	33,790	15.74
Receptionists and information clerks.....	1,088,400	11.12	23,120	10.65

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2005—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Office and administrative support occupations—Continued				
Reservation and transportation ticket agents and travel clerks.....	160,120	\$14.45	\$30,050	\$13.52
All other information and record clerks.....	288,730	19.10	39,720	16.16
Cargo and freight agents.....	78,730	17.97	37,380	17.24
Couriers and messengers.....	106,520	10.80	22,460	10.03
Police, fire, and ambulance dispatchers.....	94,060	15.03	31,270	14.45
Dispatchers, except police, fire, and ambulance.....	172,550	16.15	33,590	15.09
Meter readers, utilities.....	46,920	14.92	31,030	14.09
Postal service clerks.....	78,710	22.51	46,820	23.23
Postal service mail carriers.....	347,180	21.38	44,460	22.27
Postal service mail sorters, processors, and processing machine operators.....	208,600	20.01	41,620	20.88
Production, planning, and expediting clerks.....	287,980	18.71	38,920	18.07
Shipping, receiving, and traffic clerks.....	759,910	12.80	26,620	12.10
Stock clerks and order fillers.....	1,625,430	10.60	22,060	9.66
Weighers, measurers, checkers, and samplers, recordkeeping.....	79,050	12.99	27,030	12.17
Executive secretaries and administrative assistants.....	1,442,040	18.18	37,810	17.29
Legal secretaries.....	265,000	18.78	39,070	18.15
Medical secretaries.....	381,020	13.65	28,390	13.13
Secretaries, except legal, medical, and executive.....	1,744,380	13.35	27,780	12.82
Computer operators.....	129,160	16.15	33,580	15.42
Data entry keyers.....	296,700	11.98	24,910	11.45
Word processors and typists.....	153,580	14.49	30,140	13.95
Desktop publishers.....	29,910	16.72	34,770	15.77
Insurance claims and policy processing clerks.....	239,120	15.24	31,700	14.49
Mail clerks and mail machine operators, except postal service.....	148,330	11.59	24,120	10.99
Office clerks, general.....	2,997,370	11.82	24,580	11.09
Office machine operators, except computer.....	87,900	12.24	25,460	11.53
Proofreaders and copy markers.....	18,070	13.30	27,660	12.30
Statistical assistants.....	18,700	15.04	31,270	13.92
Office and administrative support workers, all other.....	287,270	13.50	28,070	12.52
Farming, fishing, and forestry occupations				
First-line supervisors/managers of farming, fishing, and forestry workers.....	19,750	18.65	38,790	17.32
Farm labor contractors.....	2,310	12.14	25,240	9.52
Agricultural inspectors.....	11,730	16.75	34,840	15.79
Animal breeders.....	1,860	15.23	31,690	12.90
Graders and sorters, agricultural products.....	45,010	8.74	18,170	8.06
Agricultural equipment operators.....	19,940	10.06	20,930	9.36
Farmworkers and laborers, crop, nursery, and greenhouse.....	227,750	8.35	17,370	7.91
Farmworkers, farm and ranch animals.....	49,740	9.56	19,890	8.76
Agricultural workers, all other.....	8,970	11.60	24,140	10.61
Fishers and related fishing workers.....	770	13.94	29,000	12.08
Forest and conservation workers.....	8,700	11.19	23,280	9.46
Fallers.....	9,780	15.26	31,740	13.64
Logging equipment operators.....	26,880	14.28	29,700	13.91
Log graders and scalers.....	4,520	14.21	29,550	13.31
Logging workers, all other.....	5,330	15.04	31,290	15.24
Construction and extraction occupations				
First-line supervisors/managers of construction trades and extraction workers.....	555,380	26.79	55,720	24.98
Boilermakers.....	17,760	23.62	49,130	23.10
Brickmasons and blockmasons.....	115,950	20.60	42,850	20.13
Stonemasons.....	17,030	17.53	36,450	16.66
Carpenters.....	935,920	18.62	38,720	17.11
Carpet installers.....	37,050	17.84	37,100	16.13
Floor layers, except carpet, wood, and hard tiles.....	14,520	17.92	37,270	15.87
Floor sanders and finishers.....	5,950	14.34	29,830	13.14
Tile and marble setters.....	47,410	18.81	39,130	17.56
Cement masons and concrete finishers.....	204,720	16.64	34,610	15.40
Terrazzo workers and finishers.....	5,440	16.69	34,720	15.40
Construction laborers.....	934,000	13.97	29,050	12.22
Paving, surfacing, and tamping equipment operators.....	63,220	15.93	33,140	14.58
Pile-driver operators.....	4,410	24.27	50,490	23.51
Operating engineers and other construction equipment operators.....	378,720	18.85	39,210	17.23
Drywall and ceiling tile installers.....	126,810	18.07	37,580	16.70
Tapers.....	38,570	19.91	41,410	19.17
Electricians.....	606,500	21.94	45,630	20.57
Glaziers.....	49,310	17.75	36,920	16.12
Insulation workers, floor, ceiling, and wall.....	34,250	16.59	34,510	15.08
Insulation workers, mechanical.....	22,100	19.16	39,840	17.07
Painters, construction and maintenance.....	249,850	16.08	33,450	14.81
Paperhangers.....	7,710	17.65	36,720	16.08
Pipelayers.....	56,280	15.53	32,290	13.83
Plumbers, pipefitters, and steamfitters.....	420,770	21.56	44,850	20.27
Plasterers and stucco masons.....	47,760	17.40	36,200	16.08
Reinforcing iron and rebar workers.....	30,270	19.32	40,190	16.78
Roofers.....	120,070	16.14	33,570	15.01

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2005—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Construction and extraction occupations—Continued				
Sheet metal workers.....	174,550	\$19.03	\$39,570	\$17.50
Structural iron and steel workers.....	68,900	20.93	43,540	19.51
Helpers—brickmasons, blockmasons, stonemasons, and tile and marble setters.....	58,690	13.14	27,340	11.83
Helpers—carpenters.....	101,870	11.11	23,100	10.57
Helpers—electricians.....	90,370	11.86	24,670	11.17
Helpers—painters, paperhangers, plasterers, and stucco masons.....	21,820	10.61	22,070	9.88
Helpers—pipelayers, plumbers, pipefitters, and steamfitters.....	77,630	11.84	24,630	10.97
Helpers—roofers.....	20,510	10.41	21,660	9.97
Helpers, construction trades, all other.....	37,590	11.55	24,020	10.40
Construction and building inspectors.....	87,820	22.51	46,830	21.50
Elevator installers and repairers.....	21,000	28.12	58,500	28.46
Fence erectors.....	22,600	12.74	26,490	11.99
Hazardous materials removal workers.....	38,260	17.90	37,240	16.20
Highway maintenance workers.....	140,600	14.88	30,950	14.54
Rail-track laying and maintenance equipment operators.....	13,510	18.81	39,120	19.23
Septic tank servicers and sewer pipe cleaners.....	17,940	15.38	31,980	14.64
Segmental pavers.....	330	12.82	26,670	12.02
Construction and related workers, all other.....	63,340	15.50	32,230	14.36
Derrick operators, oil and gas.....	13,270	17.16	35,690	16.29
Rotary drill operators, oil and gas.....	15,500	19.18	39,880	18.03
Service unit operators, oil, gas, and mining.....	19,530	16.61	34,560	14.74
Earth drillers, except oil and gas.....	18,800	17.20	35,770	16.23
Explosives workers, ordnance handling experts, and blasters.....	4,800	19.33	40,210	18.65
Continuous mining machine operators.....	9,000	18.67	38,830	18.80
Mine cutting and channeling machine operators.....	6,080	18.12	37,680	18.64
Mining machine operators, all other.....	2,450	18.26	37,970	17.37
Rock splitters, quarry.....	3,600	13.56	28,200	13.10
Roof bolters, mining.....	4,140	18.84	39,180	18.91
Roustabouts, oil and gas.....	33,570	12.71	26,430	11.96
Helpers—extraction workers.....	25,550	13.76	28,620	13.19
Extraction workers, all other.....	9,060	17.32	36,010	16.35
Installation, maintenance, and repair occupations				
First-line supervisors/managers of mechanics, installers, and repairers.....	455,690	26.15	54,390	24.99
Computer, automated teller, and office machine repairers.....	138,210	18.10	37,640	17.34
Radio mechanics.....	6,170	18.78	39,070	18.25
Telecommunications equipment installers and repairers, except line installers.....	198,350	23.72	49,330	24.33
Avionics technicians.....	22,490	22.57	46,940	22.42
Electric motor, power tool, and related repairers.....	20,070	16.77	34,880	16.09
Electrical and electronics installers and repairers, transportation equipment.....	20,560	20.20	42,010	19.95
Electrical and electronics repairers, commercial and industrial equipment.....	69,620	21.32	44,350	21.21
Electrical and electronics repairers, powerhouse, substation, and relay.....	21,250	26.26	54,620	26.43
Electronic equipment installers and repairers, motor vehicles.....	17,650	14.94	31,080	13.19
Electronic home entertainment equipment installers and repairers.....	35,360	14.83	30,840	13.91
Security and fire alarm systems installers.....	49,470	17.06	35,480	16.21
Aircraft mechanics and service technicians.....	115,120	23.68	49,260	22.74
Automotive body and related repairers.....	158,160	18.23	37,920	16.74
Automotive glass installers and repairers.....	17,760	14.67	30,510	14.18
Automotive service technicians and mechanics.....	654,800	16.90	35,140	15.89
Bus and truck mechanics and diesel engine specialists.....	248,280	17.96	37,360	17.61
Farm equipment mechanics.....	30,800	14.17	29,480	13.81
Mobile heavy equipment mechanics, except engines.....	117,500	19.32	40,190	18.95
Rail car repairers.....	24,270	20.32	42,270	20.45
Motorboat mechanics.....	18,190	16.31	33,920	15.76
Motorcycle mechanics.....	16,140	15.11	31,430	14.16
Outdoor power equipment and other small engine mechanics.....	24,680	12.95	26,930	12.41
Bicycle repairers.....	7,980	10.33	21,490	10.05
Recreational vehicle service technicians.....	13,540	15.43	32,100	14.65
Tire repairers and changers.....	100,860	10.72	22,300	10.08
Mechanical door repairers.....	14,400	15.81	32,890	14.57
Control and valve installers and repairers, except mechanical door.....	38,640	21.21	44,120	21.21
Heating, air conditioning, and refrigeration mechanics and installers.....	241,380	18.64	38,770	17.81
Home appliance repairers.....	43,110	16.38	34,060	15.86
Industrial machinery mechanics.....	234,650	19.74	41,060	19.11
Maintenance and repair workers, general.....	1,307,820	15.70	32,650	15.01
Maintenance workers, machinery.....	83,220	16.96	35,270	16.18
Millwrights.....	53,080	22.33	46,450	21.53
Refractory materials repairers, except brickmasons.....	3,250	19.74	41,070	19.35
Electrical power-line installers and repairers.....	106,060	23.65	49,200	24.11
Telecommunications line installers and repairers.....	142,560	20.66	42,970	20.39
Camera and photographic equipment repairers.....	3,160	17.37	36,130	16.78
Medical equipment repairers.....	27,940	20.04	41,680	19.02
Musical instrument repairers and tuners.....	4,830	15.33	31,880	13.73
Watch repairers.....	3,080	16.00	33,280	15.21
Precision instrument and equipment repairers, all other.....	12,870	22.11	45,980	21.37

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2005—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Installation, maintenance, and repair occupations—Continued				
Coin, vending, and amusement machine servicers and repairers.....	39,570	\$14.11	\$29,340	\$13.56
Commercial divers.....	2,310	20.15	41,910	18.25
Fabric menders, except garment.....	2,140	16.37	34,040	16.77
Locksmiths and safe repairers.....	16,080	15.67	32,600	14.85
Manufactured building and mobile home installers.....	10,120	12.05	25,070	11.09
Riggers.....	11,840	18.17	37,790	17.79
Signal and track switch repairers.....	6,100	23.25	48,370	23.65
Helpers--installation, maintenance, and repair workers.....	158,520	11.17	23,230	10.21
Installation, maintenance, and repair workers, all other.....	135,560	17.43	36,260	16.39
Production occupations				
First-line supervisors/managers of production and operating workers.....	679,930	23.66	49,210	22.18
Aircraft structure, surfaces, rigging, and systems assemblers.....	22,820	20.45	42,530	21.15
Coil winders, tapers, and finishers.....	23,190	12.65	26,320	12.32
Electrical and electronic equipment assemblers.....	207,270	13.05	27,150	12.08
Electromechanical equipment assemblers.....	57,200	13.71	28,520	12.97
Engine and other machine assemblers.....	49,430	17.38	36,150	16.72
Structural metal fabricators and fitters.....	93,490	15.09	31,390	14.56
Fiberglass laminators and fabricators.....	30,560	12.64	26,300	12.13
Team assemblers.....	1,242,370	12.50	26,000	11.60
Timing device assemblers, adjusters, and calibrators.....	2,460	14.23	29,600	13.54
Assemblers and fabricators, all other.....	258,240	14.49	30,140	12.62
Bakers.....	144,110	11.13	23,150	10.35
Butchers and meat cutters.....	128,660	13.37	27,810	12.78
Meat, poultry, and fish cutters and trimmers.....	136,690	9.99	20,780	9.53
Slaughterers and meat packers.....	132,000	10.33	21,490	10.20
Food and tobacco roasting, baking, and drying machine operators and tenders.....	18,160	12.15	25,280	11.17
Food batchmakers.....	89,400	11.61	24,140	10.82
Food cooking machine operators and tenders.....	43,100	11.03	22,950	10.29
Computer-controlled machine tool operators, metal and plastic.....	136,490	15.41	32,060	14.91
Numerical tool and process control programmers.....	17,860	21.15	43,990	20.11
Extruding and drawing machine setters, operators, and tenders, metal and plastic.....	87,290	13.84	28,790	13.46
Forging machine setters, operators, and tenders, metal and plastic.....	33,850	14.53	30,220	13.93
Rolling machine setters, operators, and tenders, metal and plastic.....	37,500	15.02	31,240	14.65
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic.....	265,480	13.13	27,310	12.49
Drilling and boring machine tool setters, operators, and tenders, metal and plastic.....	43,180	14.72	30,610	13.85
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic.....	101,530	14.23	29,600	13.34
Lathe and turning machine tool setters, operators, and tenders, metal and plastic.....	71,410	15.74	32,750	15.26
Milling and planing machine setters, operators, and tenders, metal and plastic.....	29,140	15.44	32,120	15.13
Machinists.....	368,380	17.00	35,350	16.51
Metal-refining furnace operators and tenders.....	17,960	16.26	33,820	15.83
Pourers and casters, metal.....	14,340	14.73	30,650	14.02
Model makers, metal and plastic.....	8,120	22.26	46,300	21.62
Patternmakers, metal and plastic.....	6,850	17.74	36,900	16.57
Foundry mold and coremakers.....	15,890	14.87	30,920	13.95
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic.....	157,080	12.82	26,680	12.05
Multiple machine tool setters, operators, and tenders, metal and plastic.....	98,120	15.17	31,550	14.32
Tool and die makers.....	99,680	21.61	44,940	20.95
Welders, cutters, solderers, and brazers.....	358,050	15.52	32,280	14.90
Welding, soldering, and brazing machine setters, operators, and tenders.....	45,220	15.55	32,350	14.63
Heat treating equipment setters, operators, and tenders, metal and plastic.....	26,310	14.97	31,130	14.57
Lay-out workers, metal and plastic.....	10,970	16.56	34,440	16.03
Plating and coating machine setters, operators, and tenders, metal and plastic.....	40,550	13.67	28,420	12.86
Tool grinders, filers, and sharpeners.....	18,180	15.64	32,530	15.05
Metal workers and plastic workers, all other.....	49,650	17.97	37,380	17.06
Bindery workers.....	64,330	12.92	26,880	12.04
Bookbinders.....	7,660	14.52	30,200	14.04
Job printers.....	50,580	16.02	33,320	15.35
Prepress technicians and workers.....	72,050	16.53	34,380	15.79
Printing machine operators.....	192,520	15.61	32,470	14.77
Laundry and dry-cleaning workers.....	218,360	8.87	18,450	8.38
Pressers, textile, garment, and related materials.....	78,620	8.76	18,220	8.45
Sewing machine operators.....	233,130	9.55	19,860	8.82
Shoe and leather workers and repairers.....	7,680	10.11	21,030	9.62
Shoe machine operators and tenders.....	3,850	10.31	21,440	9.90
Sewers, hand.....	11,090	10.61	22,060	9.51
Tailors, dressmakers, and custom sewers.....	30,150	11.79	24,530	10.95
Textile bleaching and dyeing machine operators and tenders.....	21,660	11.16	23,200	10.80
Textile cutting machine setters, operators, and tenders.....	21,420	10.83	22,530	10.30
Textile knitting and weaving machine setters, operators, and tenders.....	42,760	11.41	23,740	11.40
Textile winding, twisting, and drawing out machine setters, operators, and tenders.....	47,670	11.30	23,510	11.04

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2005—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Production occupations—Continued				
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers.....	23,040	\$14.20	\$29,540	\$13.82
Fabric and apparel patternmakers.....	9,650	17.62	36,660	15.07
Upholsterers.....	41,040	13.46	27,990	12.84
Textile, apparel, and furnishings workers, all other.....	24,740	11.35	23,610	11.01
Cabinetmakers and bench carpenters.....	121,660	13.29	27,650	12.51
Furniture finishers.....	24,610	12.60	26,200	11.83
Model makers, wood.....	2,280	15.71	32,680	13.46
Patternmakers, wood.....	2,000	15.16	31,540	13.78
Sawing machine setters, operators, and tenders, wood.....	60,280	11.72	24,380	11.15
Woodworking machine setters, operators, and tenders, except sawing.....	94,690	11.83	24,610	11.25
Woodworkers, all other.....	10,550	11.13	23,150	10.20
Nuclear power reactor operators.....	3,730	32.17	66,900	31.84
Power distributors and dispatchers.....	7,520	28.61	59,510	28.44
Power plant operators.....	33,650	25.65	53,350	25.56
Stationary engineers and boiler operators.....	43,110	21.94	45,640	21.44
Water and liquid waste treatment plant and system operators.....	102,940	17.34	36,060	16.79
Chemical plant and system operators.....	58,640	22.55	46,900	22.45
Gas plant operators.....	10,530	25.15	52,310	24.96
Petroleum pump system operators, refinery operators, and gaugers.....	40,470	24.19	50,320	24.55
Plant and system operators, all other.....	13,920	21.50	44,730	21.57
Chemical equipment operators and tenders.....	50,610	19.05	39,620	18.77
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders.....	41,250	17.15	35,680	16.66
Crushing, grinding, and polishing machine setters, operators, and tenders.....	41,480	13.89	28,900	13.21
Grinding and polishing workers, hand.....	44,890	12.03	25,010	11.28
Mixing and blending machine setters, operators, and tenders.....	129,440	14.52	30,200	13.89
Cutters and trimmers, hand.....	28,360	11.57	24,070	10.50
Cutting and slicing machine setters, operators, and tenders.....	78,030	14.04	29,210	13.25
Extruding, forming, pressing, and compacting machine setters, operators, and tenders.....	80,420	14.15	29,420	13.36
Furnace, kiln, oven, drier, and kettle operators and tenders.....	28,140	15.36	31,940	14.62
Inspectors, testers, sorters, samplers, and weighers.....	506,160	15.51	32,250	14.04
Jewelers and precious stone and metal workers.....	28,100	15.79	32,830	14.15
Dental laboratory technicians.....	45,600	16.47	34,260	15.50
Medical appliance technicians.....	10,810	15.61	32,460	13.98
Ophthalmic laboratory technicians.....	26,740	12.81	26,640	11.89
Packaging and filling machine operators and tenders.....	396,270	11.94	24,840	11.02
Coating, painting, and spraying machine setters, operators, and tenders.....	100,830	13.50	28,080	12.82
Painters, transportation equipment.....	52,650	18.14	37,720	16.75
Painting, coating, and decorating workers.....	27,830	12.15	25,280	10.89
Photographic process workers.....	28,000	12.05	25,070	10.51
Photographic processing machine operators.....	53,970	10.16	21,120	9.26
Semiconductor processors.....	44,720	15.80	32,870	14.92
Cementing and gluing machine operators and tenders.....	25,650	12.45	25,900	11.78
Cleaning, washing, and metal pickling equipment operators and tenders.....	15,250	12.19	25,350	10.95
Cooling and freezing equipment operators and tenders.....	9,640	12.16	25,290	11.13
Etchers and engravers.....	10,050	13.35	27,760	12.04
Molders, shapers, and casters, except metal and plastic.....	41,250	12.33	25,640	11.39
Paper goods machine setters, operators, and tenders.....	107,560	15.32	31,870	14.98
Tire builders.....	19,860	17.80	37,020	17.68
Helpers—production workers.....	528,610	10.45	21,730	9.80
Production workers, all other.....	296,340	13.49	28,070	11.36
Transportation and material moving occupations				
Aircraft cargo handling supervisors.....	6,210	19.73	41,030	16.78
First-line supervisors/managers of helpers, laborers, and material movers, hand.....	176,030	19.81	41,210	18.75
First-line supervisors/managers of transportation and material-moving machine and vehicle operators.....	221,520	24.63	51,230	22.85
Airline pilots, copilots, and flight engineers.....	76,240	(²)	135,040	(²)
Commercial pilots.....	24,860	(²)	65,560	(²)
Air traffic controllers.....	21,590	50.88	105,820	51.73
Airfield operations specialists.....	4,510	20.30	42,230	17.95
Ambulance drivers and attendants, except emergency medical technicians.....	18,320	9.72	20,220	9.03
Bus drivers, transit and intercity.....	183,450	15.37	31,960	14.91
Bus drivers, school.....	465,880	11.71	24,350	11.57
Driver/sales workers.....	400,530	11.44	23,800	9.67
Truck drivers, heavy and tractor-trailer.....	1,624,740	17.05	35,460	16.48
Truck drivers, light or delivery services.....	938,280	12.99	27,020	11.92
Taxi drivers and chauffeurs.....	144,280	10.36	21,550	9.60
Motor vehicle operators, all other.....	76,500	12.29	25,570	10.71
Locomotive engineers.....	37,390	28.96	60,230	26.69
Locomotive firers.....	540	20.54	42,710	18.65
Rail yard engineers, dinky operators, and hostlers.....	6,970	18.99	39,500	18.28

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, May 2005—Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Transportation and material moving occupations—Continued				
Railroad brake, signal, and switch operators.....	20,700	\$25.07	\$52,150	\$23.89
Railroad conductors and yardmasters.....	38,330	27.50	57,200	25.98
Subway and streetcar operators.....	7,430	22.43	46,660	22.84
Rail transportation workers, all other.....	7,500	18.32	38,100	18.74
Sailors and marine oilers.....	31,090	15.19	31,590	14.11
Captains, mates, and pilots of water vessels.....	28,570	25.55	53,140	24.49
Motorboat operators.....	2,700	17.14	35,650	16.48
Ship engineers.....	13,240	27.54	57,290	25.38
Bridge and lock tenders.....	3,620	17.44	36,270	18.26
Parking lot attendants.....	124,250	8.64	17,970	8.14
Service station attendants.....	96,340	8.94	18,590	8.32
Traffic technicians.....	6,990	18.21	37,870	17.82
Transportation inspectors.....	25,570	25.59	53,230	23.79
Transportation workers, all other.....	54,010	15.98	33,240	15.68
Conveyor operators and tenders.....	49,220	13.24	27,530	12.81
Crane and tower operators.....	43,690	19.65	40,860	18.69
Dredge operators.....	1,720	16.08	33,450	14.92
Excavating and loading machine and dragline operators.....	66,030	16.64	34,610	15.57
Loading machine operators, underground mining.....	2,390	17.47	36,330	17.15
Hoist and winch operators.....	3,110	17.52	36,440	15.66
Industrial truck and tractor operators.....	627,060	13.86	28,830	13.02
Cleaners of vehicles and equipment.....	333,350	9.48	19,720	8.47
Laborers and freight, stock, and material movers, hand.....	2,363,960	10.80	22,460	9.91
Machine feeders and offbearers.....	145,740	11.41	23,730	10.74
Packers and packagers, hand.....	840,410	9.13	18,990	8.36
Gas compressor and gas pumping station operators.....	3,950	20.91	43,500	21.07
Pump operators, except wellhead pumpers.....	9,970	18.47	38,410	17.38
Wellhead pumpers.....	10,190	17.86	37,150	18.12
Refuse and recyclable material collectors.....	133,930	14.50	30,160	13.68
Shuttle car operators.....	3,100	18.28	38,030	18.42
Tank car, truck, and ship loaders.....	15,950	16.34	33,990	15.06
Material moving workers, all other.....	52,970	15.65	32,550	14.53

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

² Wages for some occupations that do not generally work year-round, full time, are reported either as hourly wages or annual salaries depending on how they are typically paid.

³ Represents a wage above \$70.00 per hour.

⁴ Estimates not released.