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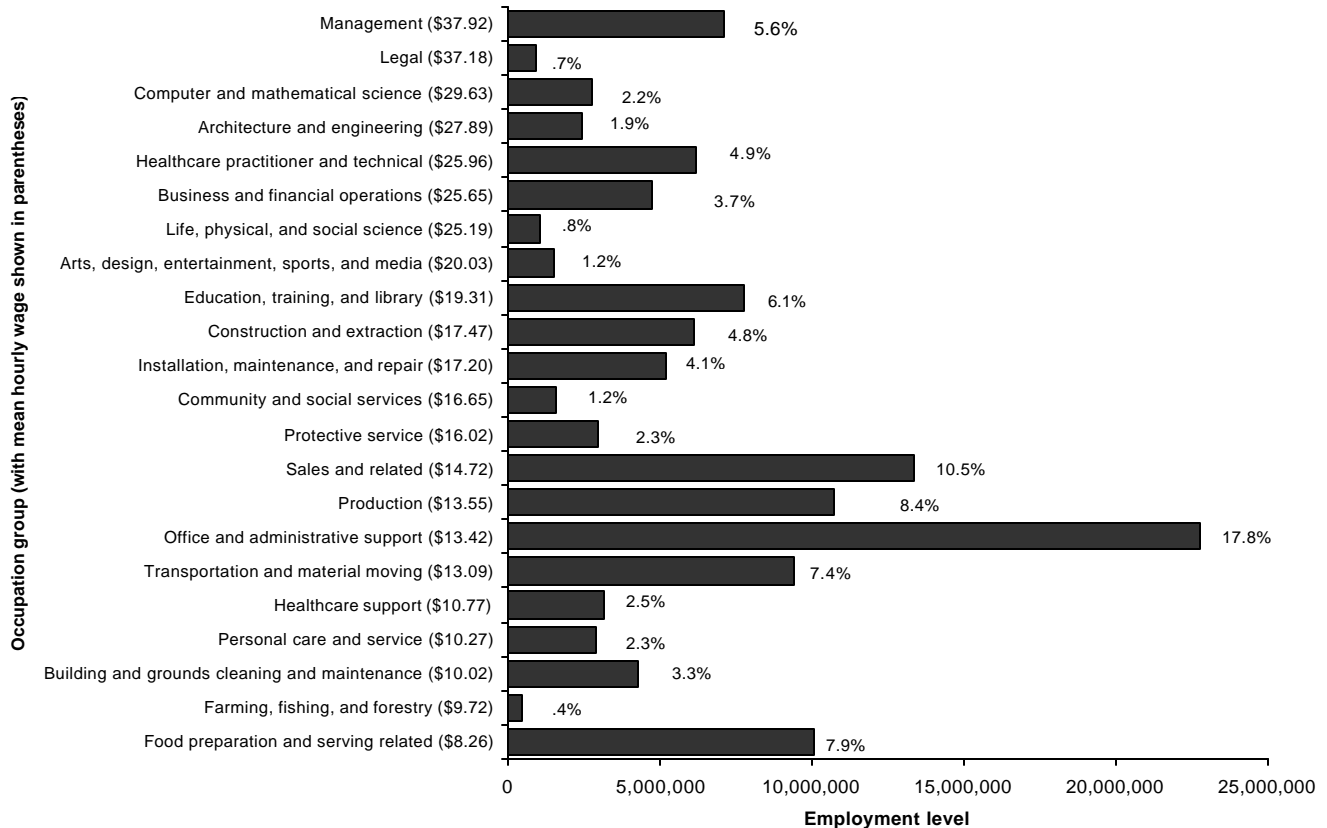
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OCCUPATIONAL EMPLOYMENT AND WAGES, 2002

Management and legal occupational groups were the highest paying of the 22 major occupational groups in 2002, according to the Bureau of Labor Statistics of the U.S. Department of Labor. The occupational group with the highest employment level in 2002 was office and administrative support workers, followed by sales and related workers, production workers, and food preparation and serving workers. (See chart 1.) These statistics for wage and salary workers are from the Occupational Employment Statistics (OES) survey, a federal-state cooperative program between BLS and State Employment Security Agencies (SESAs).

The OES survey provides estimates of employment, hourly wages, and annual wages for 22 major occupational groups and for 770 detailed occupations, as defined by the Standard Occupational Classification (SOC) system. (See table A.)

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



The highest-paying major groups in 2002 were management occupations and legal occupations. About 30 percent of the workers in these occupational groups earned more than \$43.75 per hour. (See table B.) The 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 40 percent of all workers in each of these lowest-paying groups earned less than \$8.50 per hour.

Major groups whose wages were concentrated in the middle included business and financial operations occupations; life, physical, and social science 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.

In addition to estimates for the 22 OES major occupational groups, the OES program produces detailed occupational wages across all industries. These estimates show that wages for occupations can vary substantially within a major occupational group. Table 1 shows wages for the detailed occupations within each group.

Table A. Employment and wages by major occupational group, 2002

Major occupational group	Occupations		Employment		Average (mean) hourly wage
	Number	Percent of total	Number	Percent of total	
Total.....	770	100.0	127,523,740	100.0	
Management	30	3.9	7,092,460	5.6	\$ 37.92
Business and financial operations	28	3.6	4,772,120	3.7	25.65
Computer and mathematical science	16	2.1	2,772,620	2.2	29.63
Architecture and engineering	35	4.5	2,411,260	1.9	27.89
Life, physical, and social science	39	5.1	1,078,630	.8	25.19
Community and social services	14	1.8	1,576,980	1.2	16.65
Legal.....	9	1.2	934,850	.7	37.18
Education, training, and library	58	7.5	7,772,470	6.1	19.31
Arts, design, entertainment, sports, and media	37	4.8	1,503,680	1.2	20.03
Healthcare practitioner and technical ...	46	6.0	6,185,020	4.9	25.96
Healthcare support	15	1.9	3,173,400	2.5	10.77
Protective service	20	2.6	2,993,490	2.3	16.02
Food preparation and serving related....	16	2.1	10,067,080	7.9	8.26
Building and grounds cleaning and maintenance.....	9	1.2	4,262,880	3.3	10.02
Personal care and service	33	4.3	2,919,280	2.3	10.27
Sales and related	21	2.7	13,339,570	10.5	14.72
Office and administrative support	56	7.3	22,754,570	17.8	13.42
Farming, fishing, and forestry	13	1.7	451,140	.4	9.72
Construction and extraction	58	7.5	6,124,600	4.8	17.47
Installation, maintenance, and repair	53	6.9	5,215,970	4.1	17.20
Production	112	14.5	10,726,670	8.4	13.55
Transportation and material moving	52	6.8	9,395,000	7.4	13.09

The two largest detailed occupations can be found within the sales group. Retail salespersons and cashiers were the largest occupations in the United States, with almost 3.9 million and 3.4 million employees, respectively. General office clerks and registered nurses were the next largest occupations with 2.9 million and 2.2 million workers, respectively.

The seven highest-paying occupations were all found in the occupational group of healthcare practitioner and technical occupations and were all doctors. The average hourly wage for these occupations ranged from \$91.15 for surgeons to \$65.01 for psychiatrists. Seven of the lowest-paying occupations were found in food preparation and serving, where the average wages for workers ranged from \$7.18 per hour for fast-food cooks to \$7.76 per hour for hosts and hostesses.

The OES survey is designed to estimate employment and wages at detailed industry and area levels with a desired level of reliability based on a sample of 1.2 million establishments, collected over a 3-year period. Because the 2002 estimates represent the first year that OES estimates were based on the North American Industry Classification System (NAICS) and because of the program's transition to semiannual collection and publication, the 2002 estimates are based on 4-year responses from establishments for 1999, 2000, 2001, and 2002.

Table B. Wage distribution by major occupational group, 2002
(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 \$43.75
Management	1.6	1.7	3.5	6.8	10.6	14.4	16.2	16.0	29.2
Business and financial operations	1.9	2.5	6.6	13.7	19.9	21.1	16.6	9.7	7.9
Computer and mathematical science9	1.8	3.8	7.7	13.5	19.4	21.7	18.4	12.8
Architecture and engineering7	2.0	4.7	9.2	15.3	21.2	20.9	16.1	9.8
Life, physical, and social science	2.5	4.3	8.1	14.0	18.0	19.0	15.2	10.0	8.8
Community and social services	8.1	12.0	18.9	21.3	18.2	12.8	6.2	1.9	.8
Legal	1.8	2.7	6.3	10.8	14.3	12.9	11.4	10.6	29.3
Education, training, and library	12.6	8.8	10.2	15.2	18.5	16.7	10.5	4.7	2.9
Arts, design, entertainment, sports, and media	13.7	10.5	12.4	15.0	15.1	13.5	9.1	5.4	5.3
Healthcare practitioner and technical	3.2	5.5	8.9	14.0	20.4	20.2	12.2	6.3	9.4
Healthcare support	27.7	30.5	22.6	12.7	4.8	1.2	.3	.1	-
Protective service	18.3	14.4	15.6	14.2	13.8	12.7	7.4	2.9	.8
Food preparation and serving related	68.2	17.0	8.5	3.9	1.7	.5	.2	.1	-
Building and grounds cleaning and maintenance	43.9	24.3	15.7	9.2	4.7	1.6	.4	.1	-
Personal care and service	50.9	20.8	11.3	7.0	4.7	2.6	1.2	.7	.6
Sales and related	38.4	16.2	11.1	9.4	8.0	6.1	4.2	2.9	3.8
Office and administrative support	16.0	20.2	22.8	19.1	13.8	5.4	1.8	.6	.3
Farming, fishing, and forestry	57.1	17.3	10.6	7.2	4.4	2.0	.8	.3	.1
Construction and extraction	7.8	12.4	16.6	18.6	17.6	14.4	8.8	3.0	.8
Installation, maintenance, and repair	7.9	11.0	15.6	19.4	20.4	16.2	7.0	1.8	.5
Production	19.4	20.4	20.1	16.8	11.5	7.7	3.0	.8	.2
Transportation and material moving	27.5	19.4	17.7	14.6	11.0	6.2	2.1	.7	.9

The OES employment estimates presented in this release are benchmarked to data from the fourth-quarter 2002 Census of Employment and Wages. The 1999, 2000, and 2001 wage data have been adjusted to the 2002 reference period, using over-the-year wage changes in the most applicable national Employment Cost Index series. For further details, see the Technical Note.

The 2002 OES data for states and metropolitan areas and the national employment and wage data by industry will be available on the BLS Web site in late November.

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, by industry, in the United States. (Guam, Puerto Rico, and the Virgin Islands also are surveyed, but their data are not included in this release.) In 2002, the OES survey switched from industry coding based on the Standard Industrial Classification (SIC) system to that based on the North American Industry Classification System (NAICS). The nationwide response rate for the 2002 survey was 78 percent for establishments, covering 71 percent of employment.

In November 2002, the OES survey changed from an annual survey of 400,000 establishments to a semiannual survey of 200,000 establishments. The OES survey samples and contacts establishments in May and November of each year and, over 3 years, contacts approximately 1.2 million establishments. The full 3-year sample allows the production of estimates at fine levels of geographic, industrial, and occupational detail.

In order to maintain adequate geographic, industrial, and occupational coverage through the implementation of NAICS and semiannual sampling, the 2002 data were combined with the annual samples from 1999, 2000, and 2001 for a total sample size of approximately 1.4 million establishments. Estimates from the OES survey are based on data collected using the Standard Occupational Classification (SOC) system. A brief description of this classification system is provided below.

The occupational classification system for 2002

In 1999, the OES survey began using 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 about 770 detailed occupations. Together, these detailed occupations comprise 22 major occupational groups. 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>.

The industry coding system for 2002

In 2002, the OES survey switched from using the Standard Industrial Classification (SIC) system to using the North American Industry Classification System (NAICS). Due to differences in NAICS and SIC structures, OES industry data for 2002 are not comparable with the SIC-based data for earlier years. For more information about NAICS, see the BLS Web site at <http://www.bls.gov/bls/naics.htm>. 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.

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. Data for the U.S. Postal Service and the federal government are universe counts obtained from the Postal Service and the Office of Personnel Management, respectively.

BLS funds the survey and provides the procedures and technical support, while the State Employment Security Agencies (SESAs) collect the data. BLS produces cross-industry NAICS estimates for the nation, states, and metropolitan statistical areas (MSAs). NAICS estimates are produced primarily at the 4-digit level with some 5-digit exceptions. BLS releases all cross-industry and national estimates, and the SESAs release industry estimates at the state and MSA levels.

The OES survey defines employment as the number of workers who can be classified as full-time or part-time employees, including workers on paid vacations or other types of 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.

State Unemployment Insurance (UI) files provide the universe from which the OES survey draws its sample. The employment benchmarks are obtained from reports submitted by employers to the UI program. In some non-manufacturing industries, supplemental sources are used for establishments not reporting to the UI program. The OES survey sample is stratified by area, industry, and size class. Size classes are defined as follows:

Size class	Number of employees
1	1 to 4
2	5 to 9
3	10 to 19
4	20 to 49
5	50 to 99
6	100 to 249
7	250 and above

UI reporting units with 250 or more employees are sampled with virtual certainty across a 3-year period. Generally, one-sixth of the certainty units are sampled in each panel in each state.

Concepts

Occupational employment is the estimate of total wage and salary employment in an occupation across the industries in which that

occupation was reported. The OES survey form sent to an establishment contains between 50 and 225 SOC occupations selected on the basis of the sampled establishment's industry classification and size class. 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, workers in unlisted occupations can have their occupations added to the survey form.

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, non-production 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 2002 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

A mean (average) wage value is calculated for each wage interval based on occupational wage data collected by the BLS Office of Compensation and Working Conditions for the National Compensation Survey (NCS). These interval mean wage values are then attributed to all workers reported in the interval. To calculate the mean wage of each occupation, total weighted wages are summed across all intervals and divided by the occupation's weighted survey employment.

The mean wage value for the highest wage interval, \$70.00 and over, is calculated after excluding data for pilots. Pilots comprise a large portion of the employment from the NCS survey that falls into the highest interval, and about one percent of the workers reported for the OES survey makes \$70.00 and over. Since pilots work much fewer hours than workers in other occupations, their hourly wage rates are much higher than other occupations. After excluding pilots from the calculation, the mean wage for the highest interval was computed separately for 1999, 2000, 2001, and 2002. Then the average of these four mean wages was derived and used for all of the \$70.00 and over data in the 2002 survey. The wages for this interval do not go through any wage updating procedures.

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. The annual wage estimates 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, the 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. Alternatively, some workers are paid based on an annual amount, but they generally do not work the usual 2,080 hours per year. Since the OES survey does not collect the actual number of hours worked, the hourly rate cannot be calculated with a reasonable degree of confidence from the annual wages. For this reason, the annual salary is directly calculated from reported survey data, and only annual wages are estimated for these occupations. Occupations that typically have a work year of less than 2,080 hours include musical and entertainment occupations, pilots and flight attendants, and teachers.

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, but they are instructed to report the hourly rate for part-time workers.

Estimation methodology

Beginning in the fourth quarter of 2002, the OES survey samples approximately 200,000 establishments semiannually in the second and fourth quarters of the year, for a combined sample of 1.2 million different establishments over six semiannual panels. Until 2002, the survey sampled approximately 400,000 establishments in the fourth quarter of each year, for a 3-year combined sample size of 1.2 million. While estimates can be made from a single year or 2 years of data, the OES survey has been designed to produce estimates at a desired level of precision using the full 3 years of data. The 3-year sample allows the production of estimates at fine levels of geographical, industrial, and occupational detail. Since the 2002 sample was the first time that 200,000 establishments were sampled, the data were combined with annual survey data from 1999, 2000, and 2001, for a combined sample of approximately 1.4 million to provide adequate coverage of the sampling frame for these detailed estimates.

Producing estimates using the 3 years of sample data provides significant sampling error reductions (particularly for small geographic areas and occupations); however, it also has some quality limitations in that it requires the adjustment of earlier years' data to the current reference period, a procedure referred to as "wage updating."

Wage updating. As noted above, combining multiple years of data has both statistical advantages and limitations. Significant reductions in sampling error can be achieved by taking advantage of 3 years of data, which covers over 70 percent of the employment in the United States. This feature is particularly important in improving the reliability of estimates for small domains in the population (that is, wage and employment estimates for detailed occupations in small areas). Combining multiple years of data also has been necessary to obtain full coverage of establishments with 250 or more workers that are sampled with certainty.

Starting with the 1997 estimates, the OES program has used the over-the-year fourth-quarter wage changes from the BLS Employment Cost Index (ECI) to adjust prior year survey data before combining it with the current year's data. The wage updating procedure assumes that each occupation's wage, as measured in the earlier years, moves according to the average movement of its occupational division and that there are no major geographic or detailed occupational differences.

2002 OES survey estimates. The 2002 OES survey estimates are based on data collected from establishments for the 1999, 2000, 2001, and 2002 samples. The 2002 estimates use the wage-updating methodology introduced in 1997. In addition, the 2002 estimates use the estimation methodology introduced in 1997, which uses a “nearest neighbor” imputation approach for nonresponse and applies employment benchmarks at the state-MSA/4-digit NAICS (with 5-digit exceptions) /size class level.

Reliability of the estimates. Statistics based on establishment surveys are subject to both sampling and nonsampling error. When a sample of the population is surveyed, there is a chance that the sample estimate of a characteristic may differ from the population value of that characteristic. The difference between the sample estimate and the population value will vary depending on the particular sample selected. This variability is measured by the sampling error (SE). If the sampling and estimation process using the same survey design was repeated, 90 percent of the intervals created by adding and subtracting 1.645 standard errors from the sample estimate would include the population value. This interval is called a 90-percent confidence interval.

The OES survey produces estimates of the relative standard error (RSE). The RSE is defined as the SE divided by the estimated value as computed from the sample. This statistic provides a measure of the relative precision of the sample estimates. The SE may be obtained by multiplying the RSE by the sample estimate. RSE estimates are produced for both occupational employment and mean wage estimates. The employment RSE values are estimated using a subsample replication technique known as the Jackknife (random

group) variance estimation method. The mean wage RSE values are estimated using a variance components model that accounts for both the observed and unobserved components of the wage data. The variances of the unobserved components of the wage data are calculated from the BLS National Compensation Survey. In general, estimates involving many establishments have lower relative standard errors than estimates involving few establishments. If the distributional assumptions of the models are violated, the resulting confidence interval may not reflect the prescribed level of confidence.

Additional information

The 2002 OES national data by occupation, comparable to data in table 1, will be available soon on the Internet (<http://www.bls.gov/oes>). Users also may access each occupation’s definition and percentile wages. The 2002 cross-industry data for states and metropolitan areas will be available on the BLS Web site in late November. Industry staffing patterns at the 4- and 5-digit NAICS levels also will be available from the Internet beginning in late November. These data will include industry-specific occupational employment and wage data.

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.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, 2002

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Management occupations				
Chief executives.....	452,400	\$64.89	\$134,960	\$60.70
General and operations managers.....	1,998,350	40.19	83,590	32.80
Legislators.....	64,650	14.62	30,420	7.32
Advertising and promotions managers.....	81,090	33.27	69,200	27.47
Marketing managers.....	192,080	41.91	87,170	37.62
Sales managers.....	328,060	41.40	86,110	36.08
Public relations managers.....	62,640	33.59	69,870	29.15
Administrative services managers.....	306,370	28.54	59,350	25.24
Computer and information systems managers.....	264,790	43.48	90,440	40.98
Financial managers.....	563,020	39.94	83,080	35.26
Human resources managers.....	193,360	34.12	70,960	31.11
Industrial production managers.....	173,960	35.09	72,980	32.37
Purchasing managers.....	105,010	31.85	66,250	28.79
Transportation, storage, and distribution managers.....	107,400	31.29	65,070	28.68
Farm, ranch, and other agricultural managers.....	5,630	23.65	49,200	21.03
Construction managers.....	208,360	34.24	71,210	30.53
Education administrators, preschool and child care center/program.....	52,700	18.84	39,190	16.03
Education administrators, elementary and secondary school.....	204,340	(?)	74,050	(?)
Education administrators, postsecondary.....	96,910	34.44	71,630	31.08
Engineering managers.....	205,390	46.03	95,750	43.71
Food service managers.....	249,710	19.75	41,090	17.21
Funeral directors.....	21,740	24.83	51,650	20.85
Gaming managers.....	3,760	29.29	60,910	26.12
Lodging managers.....	31,170	18.32	38,110	16.33
Medical and health services managers.....	228,290	33.35	69,370	29.50
Natural sciences managers.....	42,470	43.46	90,400	39.54
Postmasters and mail superintendents.....	26,470	23.36	48,590	23.34
Property, real estate, and community association managers.....	156,290	22.30	46,390	17.73
Social and community service managers.....	111,480	22.55	46,900	20.71
Business and financial operations occupations				
Agents and business managers of artists, performers, and athletes.....	11,590	33.16	68,970	26.79
Purchasing agents and buyers, farm products.....	16,570	22.56	46,930	19.66
Wholesale and retail buyers, except farm products.....	138,380	22.43	46,650	19.60
Purchasing agents, except wholesale, retail, and farm products.....	231,490	23.21	48,270	21.68
Claims adjusters, examiners, and investigators.....	211,960	22.11	45,990	20.68
Insurance appraisers, auto damage.....	13,270	20.97	43,620	20.50
Compliance officers, except agriculture, construction, health and safety, and transportation.....	146,670	23.29	48,450	21.54
Cost estimators.....	185,080	24.67	51,310	22.86
Emergency management specialists.....	10,700	22.75	47,320	20.94
Employment, recruitment, and placement specialists.....	168,550	22.14	46,050	18.95
Compensation, benefits, and job analysis specialists.....	85,880	23.04	47,920	21.68
Training and development specialists.....	198,910	22.11	46,000	20.58
Management analysts.....	392,670	33.73	70,160	29.01
Meeting and convention planners.....	32,380	19.72	41,020	17.99
Accountants and auditors.....	888,690	25.59	53,230	22.60
Appraisers and assessors of real estate.....	57,160	22.18	46,120	20.08
Budget analysts.....	58,900	26.67	55,470	25.23
Credit analysts.....	65,700	23.81	49,530	20.63
Financial analysts.....	159,920	32.30	67,180	27.45
Personal financial advisors.....	77,010	37.72	78,460	27.25
Insurance underwriters.....	95,620	24.49	50,940	21.92
Financial examiners.....	23,890	29.60	61,570	27.03
Loan counselors.....	29,780	17.52	36,450	15.39
Loan officers.....	218,470	25.08	52,160	21.15
Tax examiners, collectors, and revenue agents.....	69,320	21.99	45,730	20.31
Tax preparers.....	54,330	15.21	31,630	12.32
Computer and mathematical science occupations				
Computer and information scientists, research.....	24,410	38.71	80,510	37.38
Computer programmers.....	457,320	30.62	63,690	28.98
Computer software engineers, applications.....	356,760	35.48	73,800	34.09
Computer software engineers, systems software.....	255,040	36.46	75,840	35.60
Computer support specialists.....	478,560	20.35	42,320	18.80
Computer systems analysts.....	467,750	31.20	64,890	30.24
Database administrators.....	102,090	28.41	59,080	26.68
Network and computer systems administrators.....	232,560	27.70	57,620	26.35
Network systems and data communications analysts.....	133,460	29.51	61,390	28.09
Actuaries.....	14,440	38.84	80,780	33.64
Mathematicians.....	2,600	36.35	75,610	36.77

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, 2002^{3/4}
Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Computer and mathematical science occupations ^{3/4} Continued				
Operations research analysts.....	56,310	\$29.27	\$60,890	\$27.36
Statisticians.....	17,820	28.85	60,000	27.44
Mathematical technicians.....	1,970	20.64	42,920	17.56
Architecture and engineering occupations				
Architects, except landscape and naval.....	87,700	30.06	62,530	27.22
Landscape architects.....	17,460	25.02	52,050	22.79
Cartographers and photogrammetrists.....	8,040	21.72	45,180	20.61
Surveyors.....	53,340	20.50	42,630	19.22
Aerospace engineers.....	74,210	35.63	74,110	34.97
Agricultural engineers.....	2,500	26.79	55,730	24.38
Biomedical engineers.....	7,130	30.97	64,420	29.04
Chemical engineers.....	32,110	36.06	75,010	34.85
Civil engineers.....	207,480	30.29	63,010	28.88
Computer hardware engineers.....	67,180	36.61	76,150	34.69
Electrical engineers.....	146,180	33.88	70,480	32.78
Electronics engineers, except computer.....	126,020	34.43	71,600	33.62
Environmental engineers.....	45,720	30.50	63,440	29.52
Health and safety engineers, except mining safety engineers and inspectors.....	34,160	28.77	59,830	27.89
Industrial engineers.....	151,760	30.57	63,590	29.88
Marine engineers and naval architects.....	4,810	32.83	68,280	32.04
Materials engineers.....	22,780	30.92	64,310	30.09
Mechanical engineers.....	203,620	31.33	65,170	30.23
Mining and geological engineers, including mining safety engineers.....	5,050	31.14	64,770	29.70
Nuclear engineers.....	15,180	39.57	82,300	39.11
Petroleum engineers.....	11,130	41.13	85,540	40.08
Architectural and civil drafters.....	101,190	18.78	39,060	17.95
Electrical and electronics drafters.....	35,470	21.16	44,020	19.76
Mechanical drafters.....	68,280	20.71	43,080	19.58
Aerospace engineering and operations technicians.....	14,700	25.48	52,990	24.83
Civil engineering technicians.....	88,380	18.71	38,910	18.13
Electrical and electronic engineering technicians.....	194,960	21.26	44,210	20.65
Electro-mechanical technicians.....	30,360	19.20	39,930	18.33
Environmental engineering technicians.....	18,770	18.93	39,380	17.72
Industrial engineering technicians.....	59,700	21.79	45,310	20.15
Mechanical engineering technicians.....	53,630	20.60	42,850	19.85
Surveying and mapping technicians.....	55,670	15.27	31,760	14.05
Life, physical, and social science occupations				
Agricultural and food scientists.....	14,920	25.38	52,800	23.40
Biochemists and biophysicists.....	15,190	31.55	65,620	29.03
Microbiologists.....	14,730	26.78	55,700	24.53
Zoologists and wildlife biologists.....	12,970	23.68	49,250	22.95
Conservation scientists.....	13,600	24.43	50,820	24.20
Foresters.....	9,760	23.11	48,060	22.47
Epidemiologists.....	3,760	27.98	58,190	25.89
Medical scientists, except epidemiologists.....	53,840	31.83	66,200	27.40
Astronomers.....	900	38.71	80,510	39.27
Physicists.....	11,480	42.08	87,530	40.88
Atmospheric and space scientists.....	7,210	29.33	61,000	28.94
Chemists.....	82,050	27.72	57,670	25.43
Materials scientists.....	7,090	32.33	67,240	31.05
Environmental scientists and specialists, including health.....	60,380	24.51	50,970	22.88
Geoscientists, except hydrologists and geographers.....	26,130	37.83	78,690	32.44
Hydrologists.....	7,390	28.28	58,820	27.18
Economists.....	13,290	36.62	76,180	32.96
Market research analysts.....	122,000	28.97	60,260	25.87
Survey researchers.....	18,350	14.60	30,360	10.67
Clinical, counseling, and school psychologists.....	100,560	27.18	56,540	24.60
Industrial-organizational psychologists.....	1,360	33.49	69,670	30.63
Sociologists.....	2,630	27.17	56,520	25.56
Urban and regional planners.....	30,460	24.98	51,960	23.98
Anthropologists and archeologists.....	4,410	20.38	42,380	18.57
Geographers.....	740	26.10	54,290	25.68
Historians.....	2,110	21.68	45,090	20.21
Political scientists.....	5,300	38.48	80,040	38.73
Agricultural and food science technicians.....	15,990	14.91	31,010	13.74
Biological technicians.....	45,630	16.65	34,630	15.73

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, 2002^{3/4}
Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Life, physical, and social science occupations ^{3/4} Continued				
Chemical technicians.....	67,230	\$18.70	\$38,890	\$18.00
Geological and petroleum technicians.....	10,690	19.94	41,470	18.96
Nuclear technicians.....	5,620	29.43	61,220	28.84
Environmental science and protection technicians, including health.....	26,380	17.96	37,370	16.98
Forensic science technicians.....	7,830	20.81	43,280	19.73
Forest and conservation technicians.....	17,160	15.72	32,700	14.90
Community and social services occupations				
Substance abuse and behavioral disorder counselors.....	63,310	15.32	31,860	14.51
Educational, vocational, and school counselors.....	208,340	22.19	46,160	21.20
Marriage and family therapists.....	22,130	18.45	38,370	17.11
Mental health counselors.....	81,030	15.77	32,800	14.39
Rehabilitation counselors.....	110,580	13.75	28,590	12.43
Child, family, and school social workers.....	259,990	17.14	35,640	15.94
Medical and public health social workers.....	103,180	18.71	38,920	17.97
Mental health and substance abuse social workers.....	91,240	16.76	34,860	15.79
Health educators.....	43,240	18.84	39,190	17.43
Probation officers and correctional treatment specialists.....	78,990	19.81	41,210	18.44
Social and human service assistants.....	291,410	12.04	25,040	11.24
Clergy.....	36,450	17.35	36,080	15.92
Directors, religious activities and education.....	13,120	15.54	32,330	13.47
Legal occupations				
Lawyers.....	504,370	50.91	105,890	43.41
Administrative law judges, adjudicators, and hearing officers.....	16,700	32.76	68,130	31.03
Arbitrators, mediators, and conciliators.....	5,090	26.91	55,970	22.75
Judges, magistrate judges, and magistrates.....	25,100	40.97	85,210	45.23
Paralegals and legal assistants.....	193,300	19.51	40,590	18.25
Court reporters.....	15,270	21.59	44,910	19.98
Law clerks.....	41,760	15.42	32,070	14.65
Title examiners, abstractors, and searchers.....	48,060	17.93	37,300	15.68
Education, training, and library occupations				
Business teachers, postsecondary.....	66,520	(2)	61,400	(2)
Computer science teachers, postsecondary.....	32,990	(2)	55,330	(2)
Mathematical science teachers, postsecondary.....	41,140	(2)	55,060	(2)
Architecture teachers, postsecondary.....	5,290	(2)	61,930	(2)
Engineering teachers, postsecondary.....	29,310	(2)	73,100	(2)
Agricultural sciences teachers, postsecondary.....	11,070	(2)	67,660	(2)
Biological science teachers, postsecondary.....	47,150	(2)	67,750	(2)
Forestry and conservation science teachers, postsecondary.....	2,350	(2)	68,030	(2)
Atmospheric, earth, marine, and space sciences teachers, postsecondary.....	8,270	(2)	67,320	(2)
Chemistry teachers, postsecondary.....	17,670	(2)	60,800	(2)
Environmental science teachers, postsecondary.....	3,760	(2)	63,380	(2)
Physics teachers, postsecondary.....	11,940	(2)	66,960	(2)
Anthropology and archeology teachers, postsecondary.....	4,490	(2)	62,910	(2)
Area, ethnic, and cultural studies teachers, postsecondary.....	6,040	(2)	61,180	(2)
Economics teachers, postsecondary.....	11,560	(2)	68,370	(2)
Geography teachers, postsecondary.....	3,920	(2)	59,790	(2)
Political science teachers, postsecondary.....	11,910	(2)	62,110	(2)
Psychology teachers, postsecondary.....	25,790	(2)	58,680	(2)
Sociology teachers, postsecondary.....	13,580	(2)	56,510	(2)
Health specialties teachers, postsecondary.....	85,770	(2)	72,820	(2)
Nursing instructors and teachers, postsecondary.....	36,500	(2)	52,970	(2)
Education teachers, postsecondary.....	42,300	(2)	52,240	(2)
Library science teachers, postsecondary.....	3,760	(2)	54,480	(2)
Criminal justice and law enforcement teachers, postsecondary.....	8,870	(2)	48,890	(2)
Law teachers, postsecondary.....	10,260	(2)	88,020	(2)
Social work teachers, postsecondary.....	6,480	(2)	56,070	(2)
Art, drama, and music teachers, postsecondary.....	58,130	(2)	52,350	(2)
Communications teachers, postsecondary.....	19,660	(2)	52,050	(2)
English language and literature teachers, postsecondary.....	55,150	(2)	51,310	(2)
Foreign language and literature teachers, postsecondary.....	19,730	(2)	50,410	(2)
History teachers, postsecondary.....	17,500	(2)	56,200	(2)
Philosophy and religion teachers, postsecondary.....	14,480	(2)	53,760	(2)
Graduate teaching assistants.....	128,470	(2)	25,420	(2)
Home economics teachers, postsecondary.....	4,490	(2)	53,650	(2)
Recreation and fitness studies teachers, postsecondary.....	14,650	(2)	46,480	(2)
Vocational education teachers, postsecondary.....	119,350	20.35	42,340	18.71
Preschool teachers, except special education.....	367,300	10.45	21,730	9.26
Kindergarten teachers, except special education.....	162,560	(2)	42,040	(2)
Elementary school teachers, except special education.....	1,443,160	(2)	44,080	(2)

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, 2002^{3/4}
Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Education, training, and library occupations ^{3/4} Continued				
Middle school teachers, except special and vocational education.....	582,620	(²)	\$44,110	(²)
Vocational education teachers, middle school.....	17,730	(²)	44,650	(²)
Secondary school teachers, except special and vocational education.....	984,600	(²)	46,010	(²)
Vocational education teachers, secondary school.....	106,920	(²)	45,850	(²)
Special education teachers, preschool, kindergarten, and elementary school.....	211,530	(²)	45,510	(²)
Special education teachers, middle school.....	89,350	(²)	44,150	(²)
Special education teachers, secondary school.....	134,870	(²)	47,270	(²)
Adult literacy, remedial education, and GED teachers and instructors.....	61,440	19.94	41,470	17.50
Self-enrichment education teachers.....	136,780	15.82	32,910	14.09
Archivists, curators, and museum technicians.....	20,100	19.11	39,750	16.96
Librarians.....	156,920	21.36	44,430	20.72
Library technicians.....	111,240	12.16	25,280	11.58
Audio-visual collections specialists.....	9,040	17.01	35,370	15.56
Farm and home management advisors.....	12,760	20.12	41,850	18.96
Instructional coordinators.....	90,350	23.80	49,510	22.77
Teacher assistants.....	1,227,220	(²)	19,930	(²)
Arts, design, entertainment, sports, and media occupations				
Art directors.....	23,200	33.55	69,790	29.74
Fine artists, including painters, sculptors, and illustrators.....	10,280	21.03	43,750	16.95
Multi-media artists and animators.....	34,150	24.45	50,860	21.14
Commercial and industrial designers.....	35,270	26.04	54,160	25.12
Fashion designers.....	10,310	28.93	60,160	24.66
Floral designers.....	66,480	9.90	20,600	9.37
Graphic designers.....	141,830	19.89	41,380	17.64
Interior designers.....	40,670	21.04	43,770	18.84
Merchandise displayers and window trimmers.....	53,350	12.25	25,470	10.84
Set and exhibit designers.....	8,280	17.91	37,250	16.28
Actors.....	52,560	(²)	42,820	(²)
Producers and directors.....	50,780	(²)	61,500	(²)
Athletes and sports competitors.....	10,400	(²)	92,540	(²)
Coaches and scouts.....	87,720	(²)	34,170	(²)
Umpires, referees, and other sports officials.....	9,190	(²)	27,010	(²)
Dancers.....	16,580	13.17	27,390	10.14
Choreographers.....	15,320	16.24	33,790	14.17
Music directors and composers.....	8,980	(²)	39,270	(²)
Musicians and singers.....	53,940	(²)	48,240	(²)
Announcers.....	49,790	14.03	29,190	9.91
News analysts, reporters and correspondents.....	61,100	18.83	39,160	14.67
Public relations specialists.....	136,360	22.40	46,590	20.05
Editors.....	106,520	22.60	47,010	19.79
Technical writers.....	44,780	25.63	53,310	24.32
Writers and authors.....	41,990	24.18	50,300	20.57
Interpreters and translators.....	18,600	16.78	34,900	15.67
Audio and video equipment technicians.....	35,770	17.57	36,550	14.96
Broadcast technicians.....	31,520	16.44	34,200	13.35
Radio operators.....	2,510	16.53	34,380	15.16
Sound engineering technicians.....	11,110	22.00	45,750	17.77
Photographers.....	63,140	13.85	28,810	11.56
Camera operators, television, video, and motion picture.....	21,370	17.73	36,880	15.73
Film and video editors.....	15,180	21.42	44,540	18.40
Healthcare practitioner and technical occupations				
Chiropractors.....	20,630	40.12	83,440	31.41
Dentists.....	92,460	64.11	133,350	59.24
Dietitians and nutritionists.....	45,150	20.16	41,920	19.79
Optometrists.....	23,040	45.89	95,440	41.39
Pharmacists.....	219,390	36.13	75,140	37.04
Anesthesiologists.....	24,780	87.22	181,420	(³)
Family and general practitioners.....	115,020	65.51	136,260	62.79
Internists, general.....	50,380	76.13	158,350	(³)
Obstetricians and gynecologists.....	19,970	86.37	179,640	(³)
Pediatricians, general.....	27,320	68.44	142,360	64.11
Psychiatrists.....	19,750	65.01	135,220	62.95
Surgeons.....	51,580	91.15	189,590	(³)
Physician assistants.....	61,910	30.53	63,490	31.09
Podiatrists.....	7,490	51.65	107,430	45.61
Registered nurses.....	2,239,530	23.96	49,840	23.12
Audiologists.....	10,180	24.92	51,840	23.27
Occupational therapists.....	78,580	25.50	53,040	24.99

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, 2002^{3/4}
Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Healthcare practitioner and technical occupations ^{3/4} Continued				
Physical therapists.....	130,290	\$28.93	\$60,180	\$27.56
Radiation therapists.....	13,510	28.90	60,110	24.35
Recreational therapists.....	26,130	15.23	31,670	14.68
Respiratory therapists.....	85,350	19.57	40,700	19.34
Speech-language pathologists.....	87,030	24.75	51,490	23.77
Veterinarians.....	42,900	35.44	73,720	30.33
Medical and clinical laboratory technologists.....	146,480	21.00	43,670	20.63
Medical and clinical laboratory technicians.....	144,120	14.58	30,330	13.96
Dental hygienists.....	148,530	27.78	57,790	26.59
Cardiovascular technologists and technicians.....	42,870	18.12	37,680	17.52
Diagnostic medical sonographers.....	36,530	23.90	49,710	23.40
Nuclear medicine technologists.....	17,090	25.13	52,260	23.44
Radiologic technologists and technicians.....	173,540	19.30	40,150	18.74
Emergency medical technicians and paramedics.....	178,700	12.78	26,570	11.55
Dietetic technicians.....	28,910	11.59	24,100	10.81
Pharmacy technicians.....	207,380	11.15	23,200	10.70
Psychiatric technicians.....	58,600	13.49	28,060	12.36
Respiratory therapy technicians.....	26,220	16.79	34,930	16.41
Surgical technologists.....	72,040	15.36	31,960	15.00
Veterinary technologists and technicians.....	54,040	11.56	24,050	11.03
Licensed practical and licensed vocational nurses.....	692,290	15.53	32,300	15.12
Medical records and health information technicians.....	145,270	12.49	25,980	11.49
Opticians, dispensing.....	61,790	13.38	27,830	12.31
Orthotists and prosthetists.....	4,480	25.68	53,410	22.24
Occupational health and safety specialists and technicians.....	39,060	22.85	47,530	22.12
Athletic trainers.....	13,500	(²)	36,070	(²)
Healthcare support occupations				
Home health aides.....	569,670	9.16	19,050	8.70
Nursing aides, orderlies, and attendants.....	1,329,310	9.87	20,540	9.59
Psychiatric aides.....	56,260	11.42	23,760	11.04
Occupational therapist assistants.....	17,970	17.76	36,950	17.62
Occupational therapist aides.....	8,040	11.78	24,510	10.60
Physical therapist assistants.....	50,430	17.48	36,360	17.34
Physical therapist aides.....	37,330	10.63	22,120	9.94
Massage therapists.....	27,160	16.21	33,720	13.75
Dental assistants.....	268,220	13.42	27,910	13.10
Medical assistants.....	361,960	11.93	24,810	11.51
Medical equipment preparers.....	35,490	11.50	23,910	11.04
Medical transcriptionists.....	99,160	13.33	27,730	13.05
Pharmacy aides.....	58,020	9.47	19,700	8.86
Veterinary assistants and laboratory animal caretakers.....	62,740	9.07	18,870	8.55
Protective service occupations				
First-line supervisors/managers of correctional officers.....	31,210	22.59	47,000	21.60
First-line supervisors/managers of police and detectives.....	109,530	29.64	61,650	29.33
First-line supervisors/managers of fire fighting and prevention workers.....	60,900	27.28	56,750	26.66
Fire fighters.....	273,850	18.04	37,530	17.42
Fire inspectors and investigators.....	12,140	22.11	46,000	21.64
Forest fire inspectors and prevention specialists.....	1,450	19.58	40,720	18.04
Bailiffs.....	14,390	16.47	34,250	15.73
Correctional officers and jailers.....	400,190	16.66	34,650	15.71
Detectives and criminal investigators.....	88,460	25.46	52,960	24.71
Fish and game wardens.....	7,080	21.12	43,920	19.72
Parking enforcement workers.....	10,180	14.07	29,260	13.52
Police and sheriff's patrol officers.....	597,650	20.86	43,390	20.32
Transit and railroad police.....	6,010	22.00	45,750	21.01
Animal control workers.....	10,420	12.49	25,980	11.91
Private detectives and investigators.....	31,170	16.47	34,250	14.09
Gaming surveillance officers and gaming investigators.....	8,760	11.79	24,520	11.11
Security guards.....	977,650	10.13	21,060	9.20
Crossing guards.....	73,020	9.79	20,370	8.98
Food preparation and serving related occupations				
Chefs and head cooks.....	120,430	15.38	32,000	13.43
First-line supervisors/managers of food preparation and serving workers.....	661,050	12.78	26,590	11.73
Cooks, fast food.....	582,630	7.18	14,930	6.90
Cooks, institution and cafeteria.....	416,710	9.23	19,190	8.72
Cooks, restaurant.....	715,520	9.54	19,850	9.16
Cooks, short order.....	223,030	8.24	17,130	7.82
Food preparation workers.....	836,540	8.27	17,200	7.85

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, 2002^{3/4}
Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Food preparation and serving related occupations ^{3/4} Continued				
Bartenders.....	453,390	\$8.12	\$16,900	\$7.21
Combined food preparation and serving workers, including fast food.....	2,000,070	7.28	15,150	6.97
Counter attendants, cafeteria, food concession, and coffee shop.....	466,270	7.74	16,090	7.32
Waiters and waitresses.....	2,086,120	7.58	15,770	6.80
Food servers, nonrestaurant.....	193,980	8.21	17,070	7.52
Dining room and cafeteria attendants and bartender helpers.....	404,210	7.37	15,330	6.99
Dishwashers.....	499,070	7.41	15,410	7.15
Hosts and hostesses, restaurant, lounge, and coffee shop.....	295,170	7.76	16,130	7.36
Building and grounds cleaning and maintenance occupations				
First-line supervisors/managers of housekeeping and janitorial workers.....	204,710	14.63	30,430	13.53
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers.....	95,600	17.41	36,220	15.89
Janitors and cleaners, except maids and housekeeping cleaners.....	2,052,090	9.69	20,150	8.77
Maids and housekeeping cleaners.....	912,340	8.33	17,330	7.90
Pest control workers.....	57,370	12.58	26,180	11.90
Landscaping and groundskeeping workers.....	792,170	10.33	21,490	9.51
Pesticide handlers, sprayers, and applicators, vegetation.....	22,000	12.48	25,960	11.94
Tree trimmers and pruners.....	43,530	12.92	26,870	12.07
Personal care and service occupations				
Gaming supervisors.....	25,610	19.32	40,180	18.89
Slot key persons.....	14,380	11.80	24,540	11.00
First-line supervisors/managers of personal service workers.....	106,680	15.45	32,130	13.92
Animal trainers.....	6,780	13.08	27,210	11.03
Nonfarm animal caretakers.....	86,700	9.01	18,750	8.21
Gaming dealers.....	75,690	7.82	16,270	6.78
Gaming and sports book writers and runners.....	13,820	9.95	20,700	8.97
Motion picture projectionists.....	9,600	9.82	20,420	7.97
Ushers, lobby attendants, and ticket takers.....	106,050	7.93	16,490	7.02
Amusement and recreation attendants.....	225,100	7.87	16,360	7.18
Costume attendants.....	3,660	12.93	26,890	11.62
Locker room, coatroom, and dressing room attendants.....	21,660	8.55	17,780	8.14
Embalmers.....	6,790	17.38	36,160	16.46
Funeral attendants.....	25,950	9.52	19,800	8.75
Barbers.....	18,350	10.77	22,390	9.40
Hairdressers, hairstylists, and cosmetologists.....	330,730	10.63	22,110	9.12
Makeup artists, theatrical and performance.....	830	15.44	32,120	11.89
Manicurists and pedicurists.....	31,350	9.04	18,810	8.33
Shampooers.....	15,410	7.30	15,190	6.91
Skin care specialists.....	15,580	12.33	25,650	10.80
Baggage porters and bellhops.....	57,650	10.79	22,440	8.58
Concierges.....	16,770	11.39	23,680	10.44
Tour guides and escorts.....	28,480	9.63	20,040	8.90
Travel guides.....	4,960	14.25	29,640	12.55
Flight attendants.....	104,360	(²)	50,460	(²)
Transportation attendants, except flight attendants and baggage porters.....	26,580	10.07	20,940	9.00
Child care workers.....	456,260	8.32	17,310	7.86
Personal and home care aides.....	451,040	8.07	16,790	7.81
Fitness trainers and aerobics instructors.....	169,920	14.38	29,910	11.51
Recreation workers.....	267,930	9.89	20,580	8.69
Residential advisors.....	48,530	10.77	22,410	9.95
Sales and related occupations				
First-line supervisors/managers of retail sales workers.....	1,197,190	16.72	34,770	14.28
First-line supervisors/managers of non-retail sales workers.....	325,450	30.90	64,270	25.49
Cashiers.....	3,375,510	8.02	16,680	7.41
Gaming change persons and booth cashiers.....	32,930	9.66	20,090	9.42
Counter and rental clerks.....	425,380	9.64	20,040	8.31
Parts salespersons.....	243,170	12.82	26,670	11.51
Retail salespersons.....	3,894,760	10.46	21,750	8.51
Advertising sales agents.....	141,360	22.89	47,610	18.11
Insurance sales agents.....	274,830	25.86	53,800	19.59
Securities, commodities, and financial services sales agents.....	254,600	41.21	85,710	29.32
Travel agents.....	104,550	13.64	28,370	12.80
Sales representatives, wholesale and manufacturing, technical and scientific products.....	371,580	30.51	63,460	26.80
Sales representatives, wholesale and manufacturing, except technical and scientific products.....	1,375,380	24.58	51,130	20.54

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, 2002^{3/4}
Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Sales and related occupations ^{3/4} Continued				
Demonstrators and product promoters.....	101,420	\$12.19	\$25,360	\$9.80
Models.....	2,260	12.15	25,280	10.29
Real estate brokers.....	40,810	34.68	72,130	24.20
Real estate sales agents.....	125,960	20.42	42,470	14.87
Sales engineers.....	79,300	33.27	69,200	30.61
Telemarketers.....	419,740	10.74	22,330	9.40
Door-to-door sales workers, news and street vendors, and related workers.....	25,780	14.48	30,120	12.18
Office and administrative support occupations				
First-line supervisors/managers of office and administrative support workers.....	1,400,240	20.22	42,060	18.66
Switchboard operators, including answering service.....	226,890	10.56	21,970	10.19
Telephone operators.....	46,420	14.11	29,340	13.75
Bill and account collectors.....	407,280	13.62	28,330	12.88
Billing and posting clerks and machine operators.....	491,000	13.04	27,120	12.55
Bookkeeping, accounting, and auditing clerks.....	1,728,730	13.77	28,650	13.16
Gaming cage workers.....	18,320	10.77	22,400	10.47
Payroll and timekeeping clerks.....	191,500	14.50	30,150	13.94
Procurement clerks.....	73,570	14.61	30,380	14.23
Tellers.....	526,750	9.97	20,750	9.81
Brokerage clerks.....	75,480	17.09	35,540	15.97
Correspondence clerks.....	32,160	13.01	27,060	12.48
Court, municipal, and license clerks.....	99,010	14.04	29,210	13.12
Credit authorizers, checkers, and clerks.....	79,400	13.92	28,960	12.83
Customer service representatives.....	1,854,750	13.58	28,240	12.62
Eligibility interviewers, government programs.....	89,400	15.59	32,440	14.91
File clerks.....	258,680	10.19	21,190	9.63
Hotel, motel, and resort desk clerks.....	176,140	8.71	18,110	8.35
Interviewers, except eligibility and loan.....	190,390	11.07	23,020	10.43
Library assistants, clerical.....	113,760	10.04	20,880	9.35
Loan interviewers and clerks.....	163,660	14.09	29,300	13.38
New accounts clerks.....	97,770	12.80	26,620	12.11
Order clerks.....	327,120	12.67	26,350	11.93
Human resources assistants, except payroll and timekeeping.....	167,480	15.16	31,530	14.62
Receptionists and information clerks.....	1,063,020	10.56	21,970	10.17
Reservation and transportation ticket agents and travel clerks.....	174,170	13.78	28,670	12.19
Cargo and freight agents.....	59,440	16.03	33,350	15.10
Couriers and messengers.....	120,900	9.96	20,720	9.32
Police, fire, and ambulance dispatchers.....	89,280	13.89	28,900	13.30
Dispatchers, except police, fire, and ambulance.....	168,380	15.70	32,660	14.56
Meter readers, utilities.....	52,510	14.74	30,660	13.86
Postal service clerks.....	79,760	18.72	38,930	19.08
Postal service mail carriers.....	347,420	18.80	39,110	19.00
Postal service mail sorters, processors, and processing machine operators.....	262,440	16.86	35,080	18.34
Production, planning, and expediting clerks.....	279,640	16.87	35,080	16.18
Shipping, receiving, and traffic clerks.....	792,470	12.02	24,990	11.26
Stock clerks and order fillers.....	1,608,230	10.21	21,240	9.26
Weighers, measurers, checkers, and samplers, recordkeeping.....	77,050	12.85	26,740	11.62
Executive secretaries and administrative assistants.....	1,407,950	16.85	35,050	16.06
Legal secretaries.....	259,010	17.59	36,580	16.84
Medical secretaries.....	336,200	12.83	26,690	12.23
Secretaries, except legal, medical, and executive.....	1,796,480	12.69	26,390	12.16
Computer operators.....	172,640	15.21	31,640	14.26
Data entry keyers.....	376,970	11.15	23,190	10.77
Word processors and typists.....	209,200	13.38	27,830	12.85
Desktop publishers.....	34,280	16.21	33,730	15.20
Insurance claims and policy processing clerks.....	252,590	14.95	31,090	13.88
Mail clerks and mail machine operators, except postal service.....	161,850	10.64	22,130	10.19
Office clerks, general.....	2,857,300	11.32	23,540	10.71
Office machine operators, except computer.....	93,340	11.25	23,400	10.47
Proofreaders and copy markers.....	25,310	12.62	26,240	11.68
Statistical assistants.....	22,330	15.00	31,190	14.17
Farming, fishing, and forestry occupations				
First-line supervisors/managers of farming, fishing, and forestry workers.....	20,910	17.78	36,970	16.43
Farm labor contractors.....	5,830	12.61	26,220	7.39
Agricultural inspectors.....	13,760	15.09	31,380	13.76
Animal breeders.....	1,590	14.11	29,340	12.06
Graders and sorters, agricultural products.....	54,500	8.50	17,670	7.67
Agricultural equipment operators.....	21,830	9.25	19,240	8.31
Farmworkers and laborers, crop, nursery, and greenhouse.....	218,020	7.86	16,340	7.24

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, 2002^{3/4}
Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Farming, fishing, and forestry occupations ^{3/4} Continued				
Farmworkers, farm and ranch animals.....	38,260	\$8.93	\$18,560	\$8.22
Forest and conservation workers.....	9,140	10.93	22,730	9.12
Fallers.....	10,180	15.43	32,090	13.54
Logging equipment operators.....	29,060	13.39	27,850	12.88
Log graders and scalers.....	4,730	13.87	28,840	13.08
Construction and extraction occupations				
First-line supervisors/managers of construction trades and extraction workers.....	508,620	24.50	50,960	22.92
Boilermakers.....	24,560	20.46	42,550	20.17
Brickmasons and blockmasons.....	109,900	20.48	42,600	20.11
Stonemasons.....	12,870	17.08	35,530	16.36
Carpenters.....	856,750	17.71	36,840	16.44
Carpet installers.....	38,320	16.79	34,920	15.67
Floor layers, except carpet, wood, and hard tiles.....	14,840	16.82	34,990	16.15
Floor sanders and finishers.....	7,740	14.51	30,180	13.22
Tile and marble setters.....	33,550	18.15	37,740	17.20
Cement masons and concrete finishers.....	177,930	16.25	33,800	14.74
Terrazzo workers and finishers.....	6,130	14.82	30,830	13.42
Construction laborers.....	830,860	13.73	28,570	11.90
Paving, surfacing, and tamping equipment operators.....	58,760	15.62	32,490	13.87
Pile-driver operators.....	4,670	22.10	45,980	21.84
Operating engineers and other construction equipment operators.....	343,710	18.42	38,320	16.94
Drywall and ceiling tile installers.....	111,600	17.48	36,350	16.21
Tapers.....	33,320	19.49	40,550	18.75
Electricians.....	593,010	21.11	43,910	19.90
Glaziers.....	46,950	16.67	34,660	15.20
Insulation workers.....	51,740	15.63	32,500	13.91
Painters, construction and maintenance.....	257,140	15.20	31,620	13.98
Paperhangers.....	9,450	16.21	33,720	15.22
Pipelayers.....	52,380	15.26	31,740	13.70
Plumbers, pipefitters, and steamfitters.....	438,560	20.49	42,630	19.31
Plasterers and stucco masons.....	54,290	17.07	35,500	15.91
Reinforcing iron and rebar workers.....	29,540	19.54	40,640	17.66
Roofers.....	117,140	15.88	33,020	14.51
Sheet metal workers.....	197,110	18.08	37,620	16.62
Structural iron and steel workers.....	74,700	20.37	42,360	19.55
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters.....	60,740	13.06	27,170	11.73
Helpers--carpenters.....	97,900	10.90	22,670	10.34
Helpers--electricians.....	97,690	11.80	24,540	11.10
Helpers--painters, paperhangers, plasterers, and stucco masons.....	31,320	10.70	22,260	9.66
Helpers--pipelayers, plumbers, pipefitters, and steamfitters.....	78,570	11.30	23,510	10.69
Helpers--roofers.....	21,940	10.47	21,780	9.85
Construction and building inspectors.....	75,190	20.71	43,070	20.01
Elevator installers and repairers.....	20,920	25.74	53,540	25.99
Fence erectors.....	21,730	12.10	25,170	10.65
Hazardous materials removal workers.....	37,350	17.12	35,610	15.61
Highway maintenance workers.....	146,290	14.06	29,250	13.65
Rail-track laying and maintenance equipment operators.....	10,450	16.75	34,840	16.90
Septic tank servicers and sewer pipe cleaners.....	15,530	14.30	29,750	13.43
Segmental pavers.....	2,100	14.25	29,630	12.95
Derrick operators, oil and gas.....	14,120	15.28	31,780	14.34
Rotary drill operators, oil and gas.....	13,110	17.46	36,320	16.23
Service unit operators, oil, gas, and mining.....	12,310	15.13	31,480	13.78
Earth drillers, except oil and gas.....	19,830	16.56	34,450	15.62
Explosives workers, ordnance handling experts, and blasters.....	4,850	17.33	36,050	16.88
Continuous mining machine operators.....	8,100	17.06	35,490	16.75
Mine cutting and channeling machine operators.....	5,060	18.02	37,490	18.07
Rock splitters, quarry.....	2,610	13.49	28,070	12.58
Roof bolters, mining.....	3,980	18.28	38,020	18.47
Roustabouts, oil and gas.....	31,960	11.62	24,160	10.71
Helpers--extraction workers.....	28,690	12.86	26,750	12.12
Installation, maintenance, and repair occupations				
First-line supervisors/managers of mechanics, installers, and repairers.....	433,640	24.05	50,030	22.87
Computer, automated teller, and office machine repairers.....	135,380	16.73	34,810	15.98
Radio mechanics.....	6,960	18.37	38,210	17.42
Telecommunications equipment installers and repairers, except line installers.....	195,680	21.90	45,550	22.78
Avionics technicians.....	21,710	20.39	42,410	20.21
Electric motor, power tool, and related repairers.....	28,720	16.36	34,030	15.49
Electrical and electronics installers and repairers, transportation equipment.....	17,320	18.56	38,590	18.56
Electrical and electronics repairers, commercial and industrial equipment.....	82,320	19.60	40,760	19.77

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, 2002^{3/4}
Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Installation, maintenance, and repair occupations ^{3/4} Continued				
Electrical and electronics repairers, powerhouse, substation, and relay.....	20,040	\$24.02	\$49,970	\$24.85
Electronic equipment installers and repairers, motor vehicles.....	15,200	13.27	27,600	12.51
Electronic home entertainment equipment installers and repairers.....	30,600	14.01	29,150	13.08
Security and fire alarm systems installers.....	43,310	16.53	34,390	15.56
Aircraft mechanics and service technicians.....	125,850	20.97	43,620	20.71
Automotive body and related repairers.....	175,370	16.93	35,200	15.71
Automotive glass installers and repairers.....	19,710	13.49	28,050	12.93
Automotive service technicians and mechanics.....	687,380	15.79	32,830	14.71
Bus and truck mechanics and diesel engine specialists.....	254,470	17.01	35,380	16.53
Farm equipment mechanics.....	32,330	13.44	27,950	13.03
Mobile heavy equipment mechanics, except engines.....	113,340	17.69	36,790	17.29
Rail car repairers.....	13,520	18.35	38,170	18.78
Motorboat mechanics.....	18,550	14.57	30,310	13.97
Motorcycle mechanics.....	13,030	13.80	28,690	13.03
Outdoor power equipment and other small engine mechanics.....	25,170	12.47	25,950	11.93
Bicycle repairers.....	7,000	9.62	20,000	9.25
Recreational vehicle service technicians.....	12,490	13.72	28,530	13.02
Tire repairers and changers.....	81,560	10.45	21,730	9.69
Mechanical door repairers.....	10,730	15.42	32,080	14.03
Control and valve installers and repairers, except mechanical door.....	36,720	20.54	42,730	20.90
Heating, air conditioning, and refrigeration mechanics and installers.....	206,870	17.51	36,430	16.78
Home appliance repairers.....	34,750	15.47	32,180	14.61
Industrial machinery mechanics.....	179,640	18.95	39,410	18.26
Maintenance and repair workers, general.....	1,212,620	14.91	31,010	14.12
Maintenance workers, machinery.....	90,500	16.23	33,750	15.63
Millwrights.....	67,900	20.50	42,630	20.19
Refractory materials repairers, except brickmasons.....	3,330	17.43	36,240	16.88
Electrical power-line installers and repairers.....	96,040	22.68	47,170	23.33
Telecommunications line installers and repairers.....	156,160	19.02	39,560	19.06
Camera and photographic equipment repairers.....	5,220	15.57	32,390	15.09
Medical equipment repairers.....	21,770	18.39	38,250	17.49
Musical instrument repairers and tuners.....	4,870	15.97	33,210	14.15
Watch repairers.....	3,710	14.09	29,310	12.77
Coin, vending, and amusement machine servicers and repairers.....	33,520	13.58	28,250	13.16
Commercial divers.....	2,930	21.93	45,620	16.69
Fabric menders, except garment.....	2,030	13.74	28,580	12.35
Locksmiths and safe repairers.....	18,970	14.54	30,250	13.67
Manufactured building and mobile home installers.....	13,780	11.51	23,940	11.14
Riggers.....	13,770	17.03	35,420	16.25
Signal and track switch repairers.....	7,990	20.98	43,640	20.85
Helpers--installation, maintenance, and repair workers.....	148,770	11.33	23,560	10.31
Production occupations				
First-line supervisors/managers of production and operating workers.....	700,490	22.08	45,920	20.64
Aircraft structure, surfaces, rigging, and systems assemblers.....	25,690	18.18	37,810	18.71
Coil winders, tapers, and finishers.....	34,710	11.88	24,700	11.07
Electrical and electronic equipment assemblers.....	267,030	11.84	24,640	11.03
Electromechanical equipment assemblers.....	57,500	12.75	26,510	12.15
Engine and other machine assemblers.....	49,280	14.93	31,050	14.02
Structural metal fabricators and fitters.....	87,020	14.42	29,990	13.76
Fiberglass laminators and fabricators.....	36,470	12.61	26,220	11.83
Team assemblers.....	1,139,360	11.88	24,710	10.90
Timing device assemblers, adjusters, and calibrators.....	6,230	12.58	26,160	11.63
Bakers.....	161,820	10.64	22,120	9.89
Butchers and meat cutters.....	129,840	13.06	27,160	12.26
Meat, poultry, and fish cutters and trimmers.....	150,920	9.03	18,790	8.57
Slaughterers and meat packers.....	126,460	9.81	20,410	9.79
Food and tobacco roasting, baking, and drying machine operators and tenders.....	19,180	12.06	25,080	11.18
Food batchmakers.....	71,930	11.17	23,240	10.54
Food cooking machine operators and tenders.....	34,140	11.13	23,160	10.51
Computer-controlled machine tool operators, metal and plastic.....	128,400	14.57	30,310	13.97
Numerical tool and process control programmers.....	18,910	18.80	39,100	18.04
Extruding and drawing machine setters, operators, and tenders, metal and plastic.....	96,270	12.83	26,690	12.44
Forging machine setters, operators, and tenders, metal and plastic.....	44,920	13.90	28,910	12.64
Rolling machine setters, operators, and tenders, metal and plastic.....	42,270	14.19	29,510	13.62
Cutting, punching, and press machine setters, operators, and tenders, metal and plastic.....	277,410	12.47	25,940	11.81
Drilling and boring machine tool setters, operators, and tenders, metal and plastic.....	51,730	14.14	29,400	13.23
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic.....	99,580	13.49	28,070	12.56
Lathe and turning machine tool setters, operators, and tenders, metal and plastic.....	72,270	15.12	31,450	14.55

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, 2002^{3/4}
Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Production occupations ^{3/4} Continued				
Milling and planing machine setters, operators, and tenders, metal and plastic.....	30,340	\$14.57	\$30,300	\$14.04
Machinists.....	368,320	16.06	33,410	15.66
Metal-refining furnace operators and tenders.....	17,120	15.37	31,970	14.79
Pourers and casters, metal.....	12,900	14.05	29,230	13.40
Model makers, metal and plastic.....	8,360	18.92	39,360	18.27
Patternmakers, metal and plastic.....	6,300	17.03	35,420	16.09
Foundry mold and coremakers.....	21,960	13.14	27,340	12.55
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic.....	147,060	12.12	25,200	11.17
Multiple machine tool setters, operators, and tenders, metal and plastic.....	96,560	14.93	31,050	13.79
Tool and die makers.....	105,210	20.98	43,630	20.54
Welders, cutters, solderers, and brazers.....	361,970	14.82	30,820	14.02
Welding, soldering, and brazing machine setters, operators, and tenders.....	56,280	15.20	31,620	13.90
Heat treating equipment setters, operators, and tenders, metal and plastic.....	28,410	14.35	29,860	13.56
Lay-out workers, metal and plastic.....	12,490	15.67	32,600	14.79
Plating and coating machine setters, operators, and tenders, metal and plastic.....	41,580	12.87	26,780	12.22
Tool grinders, filers, and sharpeners.....	22,700	14.94	31,080	14.14
Bindery workers.....	88,740	11.53	23,970	10.51
Bookbinders.....	7,170	14.27	29,680	13.31
Job printers.....	49,080	15.34	31,910	14.47
Prepress technicians and workers.....	89,370	15.88	33,040	14.98
Printing machine operators.....	189,590	14.80	30,780	13.95
Laundry and dry-cleaning workers.....	213,840	8.53	17,750	8.07
Pressers, textile, garment, and related materials.....	87,130	8.54	17,770	8.21
Sewing machine operators.....	277,800	8.99	18,710	8.39
Shoe and leather workers and repairers.....	9,860	9.84	20,460	9.14
Shoe machine operators and tenders.....	6,320	10.19	21,180	9.90
Sewers, hand.....	19,180	9.91	20,610	8.69
Tailors, dressmakers, and custom sewers.....	29,560	11.75	24,450	10.68
Textile bleaching and dyeing machine operators and tenders.....	25,950	10.21	21,230	10.00
Textile cutting machine setters, operators, and tenders.....	32,970	10.35	21,530	9.77
Textile knitting and weaving machine setters, operators, and tenders.....	49,410	11.16	23,210	11.05
Textile winding, twisting, and drawing out machine setters, operators, and tenders.....	62,800	10.96	22,810	10.54
Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers.....	26,620	13.32	27,710	13.22
Fabric and apparel patternmakers.....	10,800	15.33	31,890	12.67
Upholsterers.....	40,380	12.78	26,580	11.86
Cabinetmakers and bench carpenters.....	125,220	12.32	25,630	11.54
Furniture finishers.....	30,110	11.59	24,110	10.92
Model makers, wood.....	4,350	13.35	27,770	11.90
Patternmakers, wood.....	4,130	14.99	31,170	14.32
Sawing machine setters, operators, and tenders, wood.....	53,520	11.12	23,130	10.62
Woodworking machine setters, operators, and tenders, except sawing.....	89,860	11.13	23,160	10.59
Nuclear power reactor operators.....	3,400	29.76	61,910	29.36
Power distributors and dispatchers.....	11,670	26.08	54,240	26.02
Power plant operators.....	34,390	23.61	49,110	24.00
Stationary engineers and boiler operators.....	52,510	21.26	44,220	20.79
Water and liquid waste treatment plant and system operators.....	96,970	16.64	34,620	16.05
Chemical plant and system operators.....	55,910	21.00	43,680	21.12
Gas plant operators.....	11,940	23.24	48,340	23.24
Petroleum pump system operators, refinery operators, and gaugers.....	38,500	22.85	47,520	23.69
Chemical equipment operators and tenders.....	56,610	18.29	38,040	18.00
Separating, filtering, clarifying, precipitating, and still machine setters, operators, and tenders.....	35,550	15.39	32,010	14.59
Crushing, grinding, and polishing machine setters, operators, and tenders.....	44,370	13.46	28,000	12.83
Grinding and polishing workers, hand.....	43,370	11.99	24,940	11.04
Mixing and blending machine setters, operators, and tenders.....	103,940	13.70	28,500	13.23
Cutters and trimmers, hand.....	30,910	11.84	24,630	10.59
Cutting and slicing machine setters, operators, and tenders.....	75,430	12.86	26,760	12.35
Extruding, forming, pressing, and compacting machine setters, operators, and tenders..	71,500	13.49	28,070	12.76
Furnace, kiln, oven, drier, and kettle operators and tenders.....	29,400	14.27	29,690	13.56
Inspectors, testers, sorters, samplers, and weighers.....	500,250	14.31	29,760	13.01
Jewelers and precious stone and metal workers.....	28,970	14.11	29,350	12.63
Dental laboratory technicians.....	40,440	15.17	31,560	13.70
Medical appliance technicians.....	11,870	15.07	31,340	13.31
Ophthalmic laboratory technicians.....	32,920	11.18	23,260	10.46
Packaging and filling machine operators and tenders.....	390,380	11.18	23,260	10.20
Coating, painting, and spraying machine setters, operators, and tenders.....	91,950	12.85	26,730	12.16
Painters, transportation equipment.....	45,670	17.17	35,700	16.13
Painting, coating, and decorating workers.....	30,830	11.07	23,020	10.19

See footnotes at end of table.

Table 1. National employment and wage data from the Occupational Employment Statistics survey by occupation, 2002^{3/4}
Continued

Occupation	Employment	Mean wages		Median hourly wages
		Hourly	Annual ¹	
Production occupations ^{3/4} Continued				
Photographic process workers.....	27,360	\$11.07	\$23,020	\$9.72
Photographic processing machine operators.....	52,290	10.13	21,080	9.05
Semiconductor processors.....	43,630	14.01	29,140	13.14
Cementing and gluing machine operators and tenders.....	26,880	11.81	24,560	11.15
Cleaning, washing, and metal pickling equipment operators and tenders.....	18,010	11.91	24,780	10.99
Cooling and freezing equipment operators and tenders.....	7,280	11.41	23,730	10.21
Etchers and engravers.....	9,130	12.15	25,270	10.79
Molders, shapers, and casters, except metal and plastic.....	36,240	12.65	26,320	11.87
Paper goods machine setters, operators, and tenders.....	114,390	14.07	29,260	13.59
Tire builders.....	13,020	17.30	35,990	18.67
Helpers--production workers.....	464,390	9.97	20,730	9.25
Transportation and material moving occupations				
Aircraft cargo handling supervisors.....	8,920	19.82	41,220	17.90
First-line supervisors/managers of helpers, laborers, and material movers, hand.....	147,180	18.96	39,430	17.87
First-line supervisors/managers of transportation and material-moving machine and vehicle operators.....	207,280	21.96	45,670	20.63
Airline pilots, copilots, and flight engineers.....	78,810	(²)	122,230	(²)
Commercial pilots.....	19,570	(²)	58,000	(²)
Air traffic controllers.....	23,410	42.35	88,090	44.04
Airfield operations specialists.....	5,910	19.64	40,850	17.31
Ambulance drivers and attendants, except emergency medical technicians.....	17,280	10.02	20,840	9.18
Bus drivers, transit and intercity.....	197,090	14.81	30,810	14.22
Bus drivers, school.....	468,790	11.01	22,890	10.77
Driver/sales workers.....	368,730	11.43	23,780	9.92
Truck drivers, heavy and tractor-trailer.....	1,520,880	16.52	34,350	15.97
Truck drivers, light or delivery services.....	977,920	12.65	26,320	11.48
Taxi drivers and chauffeurs.....	125,720	10.01	20,830	8.91
Locomotive engineers.....	28,250	24.66	51,280	23.28
Locomotive firers.....	710	21.58	44,880	22.02
Rail yard engineers, dinkey operators, and hostlers.....	4,600	19.52	40,600	18.07
Railroad brake, signal, and switch operators.....	15,030	21.99	45,750	20.93
Railroad conductors and yardmasters.....	38,070	23.69	49,280	21.39
Subway and streetcar operators.....	7,250	22.51	46,810	23.54
Sailors and marine oilers.....	25,360	14.69	30,550	13.64
Captains, mates, and pilots of water vessels.....	22,530	24.73	51,430	23.97
Motorboat operators.....	3,600	14.71	30,590	12.71
Ship engineers.....	8,020	25.09	52,190	24.61
Bridge and lock tenders.....	3,900	15.17	31,560	16.98
Parking lot attendants.....	108,460	8.30	17,270	7.84
Service station attendants.....	102,550	8.54	17,770	7.97
Traffic technicians.....	5,370	16.50	34,320	15.22
Transportation inspectors.....	28,340	23.06	47,970	23.30
Conveyor operators and tenders.....	59,240	12.40	25,790	11.66
Crane and tower operators.....	49,060	18.42	38,320	17.47
Dredge operators.....	2,850	14.30	29,740	13.33
Excavating and loading machine and dragline operators.....	67,210	16.77	34,880	15.58
Loading machine operators, underground mining.....	3,200	15.62	32,480	15.35
Hoist and winch operators.....	8,970	17.29	35,960	15.09
Industrial truck and tractor operators.....	586,660	13.34	27,740	12.54
Cleaners of vehicles and equipment.....	311,070	9.05	18,830	8.20
Laborers and freight, stock, and material movers, hand.....	2,217,590	10.32	21,460	9.48
Machine feeders and offbearers.....	162,670	11.23	23,360	10.50
Packers and packagers, hand.....	927,740	8.73	18,160	8.03
Gas compressor and gas pumping station operators.....	6,920	20.64	42,920	20.44
Pump operators, except wellhead pumpers.....	12,360	18.58	38,640	17.53
Wellhead pumpers.....	10,280	16.48	34,290	16.24
Refuse and recyclable material collectors.....	132,290	12.55	26,090	11.60
Shuttle car operators.....	3,070	17.81	37,050	18.44
Tank car, truck, and ship loaders.....	16,960	17.03	35,420	15.63

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 Hourly wage rates for occupations where workers typically work fewer than 2,080 hours per year are not available.

³ Represents a wage above \$70.01 per hour.

NOTE: Data do not include Guam, the Virgin Islands, and Puerto Rico.