

Rankings of full-time occupations, by earnings, 2000

John E. Buckley

In 2000, pay averaged \$16.66 an hour for full-time workers in private industry and State and local governments, according to data from the Bureau of Labor Statistics National Compensation Survey. Airplane pilots and navigators averaged \$95.80; physicians averaged \$61.19. These two salaried occupations topped the list of 427 occupations arrayed by earnings. The average number of annual hours worked by physicians (2,175) far surpassed those of airplane pilots and navigators (1,197). As a result, the average annual salary estimate for physicians was \$133,088, compared with \$114,673 for airplane pilots and navigators. Because the standard error is high for each of these occupations (especially for physicians), caution must be exercised in making direct salary comparisons.

These results of the 2000 National Compensation Survey are the fourth annual findings of establishment-based surveys in a sample of 154 metropolitan and nonmetropolitan areas. The sample represents the Nation's 326 metropolitan statistical areas (as defined by the Office of Management and Budget in 1994) and the remaining portions of the 50 States. Agricultural, private household, and Federal Government workers are not included in the National Compensation Survey.¹

High- and low-paying occupations

Top 10 percent. Of the 43 occupations with hourly earnings in the top 10 percent, 38 were in the professional major occupational group; 4 were in the execu-

tive group, and 1 was in sales (sales engineers). Of the 38 professional occupations, 22 were teaching positions, paying average hourly earnings ranging from \$54.47 for economics teachers to \$35.19 for psychology teachers. Workers in 11 of these 22 teaching positions averaged \$39.07 or more an hour.

Top 20 percent. The 86 occupations in the top 20 percent of the earnings array were dominated by positions in the professional and executive major occupational groups. (See table 1.) However, workers from other major groups begin to appear in these high-earnings deciles. For example, the service major occupational group is represented by public transportation attendants (with a rank of 51) and police and detective supervisors (78)

In the precision production major group, three occupations were ranked in the top 20 percent – elevator installers and repairers (73); supervisory plumbers, pipefitters, and steamfitters (80); and supervisory electricians and power transmission installers (82). In the transportation major group, longshoreworkers ranked 58, with average hourly earnings of \$28.91.

Bottom 10 percent. Average hourly earnings ranged from \$9.80 to \$3.99 for full-time workers in occupations at the bottom 10 percent of the wage ladder. More than one-third of these 43 lowest paying positions were in the service major occupational group; most of the remaining two-thirds were nearly evenly divided among three major groups—handlers, administrative support, and machine operators. The low rate (\$3.99 an hour) for waiters and waitresses in the service group may be misleading; the National Compensation Survey does not include tips as part of wages because employers do not pay the tips. Thus, the rate for waiters and waitresses reflects the absence of information on tips. Assistants to waiters and waitresses were ranked 426, with average hourly earnings of \$6.16. (Rates for some other low-

ranked occupations, such as baggage porters and bellhops, bartenders, parking lot attendants, and taxicab drivers and chauffeurs, were similarly affected by the absence of information on tips.)

Earnings dispersion

As seen in table 2, average hourly earnings varied considerably within and among major occupational groups. The following tabulation highlights the percentage spreads within each of the nine major occupational groups.²

| Major occupational group | Percent by which highest paid occupation exceeds the lowest paid occupation within each of the nine major occupational group |
|----------------------------------|--|
| Professional and technical | 757 |
| Executive | 247 |
| Sales | 326 |
| Administration support | 163 |
| Precision production | 176 |
| Machine operators | 117 |
| Transportation | 237 |
| Handlers | 167 |
| Service | 655 |

The huge spread for professional jobs reflects the disparate jobs classified in the professional major occupational group, ranging from airplane pilots and navigators and physicians at the top end of the scale to health record technologists and technicians and substitute teachers at the low end. When airplane pilots and navigators are excluded from the professional group, the average hourly spread drops to 447 percent. (Likewise, excluding waiters and waitresses from the service group produces a 389-percent spread instead of 655 percent.)

Reliability of the data

The data in this article are estimates from a scientifically selected probability

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Table 1. Hourly earnings of full-time workers and weekly and annual work hours, National Compensation Survey, 2000

| Rank | Occupation | Hourly earnings ¹ | | Mean hours ² | | Major occupational group ³ |
|------|---|------------------------------|---------------------------------------|-------------------------|--------|---------------------------------------|
| | | Mean | Relative error ⁴ (percent) | Weekly | Annual | |
| 1 | Airplane pilots and navigators | \$95.80 | 9.4 | 230 | 1,197 | Professional |
| 2 | Physicians | 61.19 | 23.3 | 41.8 | 2,175 | Professional |
| 3 | Economics teachers | 54.47 | 11.4 | 43.0 | 1,558 | Professional |
| 4 | Physics teachers | 52.95 | 8.5 | 30.9 | 1,120 | Professional |
| 5 | Medical science teachers | 51.20 | 7.6 | 39.8 | 1,818 | Professional |
| 6 | Law teachers | 51.15 | 9.6 | 39.7 | 1,771 | Professional |
| 7 | Natural science teachers, n.e.c. | 44.37 | 4.6 | 38.6 | 1,647 | Professional |
| 8 | Engineering teachers | 42.29 | 8.5 | 43.8 | 1,917 | Professional |
| 9 | Physical education teachers | 39.87 | 11.7 | 39.3 | 1,506 | Professional |
| 10 | Sociology teachers | 39.74 | 8.8 | 39.0 | 1,596 | Professional |
| 11 | Education teachers | 39.33 | 5.4 | 37.9 | 1,520 | Professional |
| 12 | Theology teachers | 39.14 | 5.6 | 39.1 | 1,398 | Professional |
| 13 | History teachers | 39.07 | 8.6 | 34.7 | 1,301 | Professional |
| 14 | Lawyers | 38.76 | 6.3 | 39.7 | 2,062 | Professional |
| 15 | Mathematical scientists, n.e.c. | 38.56 | 21.3 | 40.0 | 1,879 | Professional |
| 16 | Optometrists | 38.53 | 4.9 | 39.8 | 2,072 | Professional |
| 17 | Business, commerce and marketing teachers | 38.34 | 8.3 | 38.8 | 1,517 | Professional |
| 18 | Judges | 37.94 | 7.6 | 39.2 | 2,041 | Professional |
| 19 | English teachers | 37.85 | 9.3 | 37.7 | 1,531 | Professional |
| 20 | Mathematical science teachers | 37.82 | 6.4 | 38.6 | 1,511 | Professional |
| 21 | Social science teachers, n.e.c. | 37.63 | 5.2 | 39.2 | 1,578 | Professional |
| 22 | Chemistry teachers | 37.52 | 9.9 | 38.7 | 1,451 | Professional |
| 23 | Biological science teachers | 37.46 | 8.0 | 41.2 | 1,808 | Professional |
| 24 | Earth, environmental, and marine science teachers | 37.39 | 13.0 | 39.0 | 1,602 | Professional |
| 25 | Managers, marketing, advertising and public relations | 37.24 | 3.0 | 41.0 | 2,132 | Executive |
| 26 | Petroleum engineers | 36.75 | 6.9 | 40.3 | 2,083 | Professional |
| 27 | Physicists and astronomers | 36.66 | 8.0 | 40.0 | 2,081 | Professional |
| 28 | Chemical engineers | 36.39 | 3.0 | 40.1 | 2,087 | Professional |
| 29 | Political science teachers | 36.17 | 9.7 | 38.8 | 1,544 | Professional |
| 30 | Agriculture and forestry teachers | 35.55 | 26.4 | 37.6 | 1,668 | Professional |
| 31 | Health specialties teachers | 35.22 | 8.5 | 39.9 | 1,757 | Professional |
| 32 | Psychology teachers | 35.19 | 9.8 | 39.0 | 1,637 | Professional |
| 33 | Electrical and electronic engineers .. | 33.94 | 4.9 | 40.9 | 2,123 | Professional |
| 34 | Financial managers | 33.87 | 8.5 | 40.4 | 2,101 | Executive |
| 35 | Sales engineers | 33.59 | 5.5 | 41.0 | 2,134 | Sales |
| 36 | Engineers, n.e.c. | 33.51 | 5.5 | 40.3 | 2,098 | Professional |
| 37 | Aerospace engineers | 33.34 | 3.8 | 40.1 | 2,086 | Professional |
| 38 | Nuclear engineers | 33.24 | 6.2 | 40.1 | 2,084 | Professional |
| 39 | Actuaries | 33.00 | 7.9 | 38.5 | 2,002 | Professional |
| 40 | Administrators, education and related fields | 32.71 | 3.8 | 39.8 | 1,939 | Executive |
| 41 | Managers and administrators, n.e.c. . | 32.64 | 3.7 | 41.7 | 2,167 | Executive |
| 42 | Physicians' assistants | 32.38 | 6.8 | 39.8 | 2,069 | Professional |
| 43 | Chemists, except biochemists | 31.23 | 4.5 | 40.0 | 2,078 | Professional |
| 44 | Art, drama and music teachers | 31.16 | 7.2 | 38.4 | 1,510 | Professional |
| 45 | Pharmacists | 31.10 | 2.9 | 40.3 | 2,091 | Professional |
| 46 | Surveyors and mapping scientists | 31.05 | 5.8 | 39.9 | 2,077 | Professional |
| 47 | Social work teachers | 30.83 | 8.9 | 40.0 | 1,561 | Professional |
| 48 | Computer science teachers | 30.73 | 17.0 | 38.4 | 1,646 | Professional |
| 49 | Teachers, special education | 30.16 | 3.6 | 35.7 | 1,417 | Professional |
| 50 | Managers, medicine and health | 30.13 | 3.9 | 39.8 | 2,068 | Executive |
| 51 | Public transportation attendants | 30.13 | 6.3 | 21.4 | 1,110 | Service |
| 52 | Securities and financial services sales occupations | 30.11 | 11.5 | 39.6 | 2,059 | Sales |
| 53 | Personnel and labor relations managers | 29.95 | 10.7 | 41.1 | 2,125 | Executive |
| 54 | Geologists and geodesists | 29.85 | 8.8 | 40.9 | 2,126 | Professional |
| 55 | Computer systems analysts and scientists | 29.36 | 2.8 | 40.1 | 2,084 | Professional |
| 56 | Secondary school teachers | 29.16 | 1.4 | 37.2 | 1,423 | Professional |
| 57 | Economists | 29.07 | 5.3 | 39.3 | 2,044 | Professional |
| 58 | Longshore equipment operators | 28.91 | 5.2 | 39.9 | 2,074 | Transportation |

Table 1. Continued—Hourly earnings of full-time workers and weekly and annual work hours, National Compensation Survey, 2000

| Rank | Occupation | Hourly earnings ¹ | | Mean hours ² | | Major occupational group ³ |
|------|--|------------------------------|---------------------------------------|-------------------------|---------------|---------------------------------------|
| | | Mean | Relative error ⁴ (percent) | Weekly | Annual | |
| 59 | Elementary school teachers | \$28.86 | 1.1 | 36.6 | 1,395 | Professional |
| 60 | Metallurgical and materials engineers | 28.78 | 6.4 | 40.3 | 2,095 | Professional |
| 61 | Physical scientists, n.e.c. | 28.56 | 4.6 | 39.9 | 2,074 | Professional |
| 62 | Musicians and composers | 28.48 | 40.1 | 29.4 | 1,381 | Professional |
| 63 | Professional occupations, n.e.c. | 28.18 | 3.5 | 39.8 | 2,041 | Professional |
| 64 | Operations and systems researchers and analysts | 28.14 | 5.3 | 40.0 | 2,081 | Professional |
| 65 | Athletes | 28.13 | 17.2 | 40.2 | 2,037 | Professional |
| 66 | Administrators and officials, public administration | 27.80 | 2.3 | 39.5 | 2,045 | Executive |
| 67 | Trade and industrial teachers | 27.64 | 6.5 | 38.6 | 1,656 | Professional |
| 68 | Actors and directors | 27.49 | 15.6 | 39.8 | 2,069 | Professional |
| 69 | Civil engineers | 27.35 | 3.0 | 40.3 | 2,096 | Professional |
| 70 | Managers, service organizations, n.e.c. | 27.19 | 7.9 | 39.8 | 2,064 | Executive |
| 71 | Dental hygienists | 27.09 | 2.9 | 36.0 | 1,874 | Professional |
| 72 | Psychologists | 27.03 | 4.7 | 38.9 | 1,901 | Professional |
| 73 | Elevator installers and repairers | 26.88 | 8.1 | 40.0 | 2,080 | Precision production |
| 74 | Speech therapists | 26.71 | 3.7 | 38.3 | 1,664 | Professional |
| 75 | Industrial engineers | 26.49 | 2.7 | 40.6 | 2,110 | Professional |
| 76 | Teachers, n.e.c. | 26.45 | 5.5 | 36.4 | 1,478 | Professional |
| 77 | Mechanical engineers | 26.20 | 3.5 | 42.0 | 2,186 | Professional |
| 78 | Supervisors, police and detectives ... | 26.20 | 3.4 | 40.1 | 2,085 | Service occupations |
| 79 | Helpers, surveyors | 25.56 | 8.6 | 38.7 | 2,013 | Professional |
| 80 | Supervisors, plumbers, pipefitters, and steamfitters | 25.35 | 6.6 | 40.0 | 2,079 | Precision production |
| 81 | Management analysts | 25.33 | 4.4 | 39.9 | 2,077 | Executive |
| 82 | Supervisors, electricians and power transmission installers | 25.09 | 3.4 | 40.2 | 2,090 | Precision production |
| 83 | Medical scientists | 25.03 | 6.2 | 39.8 | 2,064 | Professional |
| 84 | Vocational and educational counselors | 24.93 | 4.8 | 37.8 | 1,658 | Professional |
| 85 | Purchasing agents and buyers, n.e.c. | 24.85 | 6.9 | 40.0 | 2,079 | Executive |
| 86 | Editors and reporters | 24.81 | 6.6 | 39.4 | 2,045 | Professional |
| 87 | Atmospheric and space scientists ... | 24.59 | 14.5 | 41.1 | 2,138 | Professional |
| 88 | Management related occupations, n.e.c. | 24.37 | 6.2 | 40.0 | 2,076 | Executive |
| 89 | Foreign language teachers | 24.22 | 18.9 | 42.5 | 1,658 | Professional |
| 90 | Sales representatives, mining, manufacturing, and wholesale | 24.22 | 4.7 | 40.6 | 2,112 | Sales |
| 91 | Funeral directors | 24.03 | 15.5 | 44.0 | 2,290 | Executive |
| 92 | Urban planners | 23.93 | 4.6 | 39.3 | 2,041 | Professional |
| 93 | Other financial officers | 23.92 | 4.0 | 39.4 | 2,048 | Executive |
| 94 | Supervisors, carpenters and related workers | 23.85 | 7.2 | 40.1 | 2,074 | Precision production |
| 95 | Librarians | 23.76 | 3.8 | 38.2 | 1,773 | Professional |
| 96 | Chief executives and general administrators, public administration | 23.72 | 33.5 | 43.0 | 2,236 | Executive |
| 97 | Supervisors, extractive occupations . | 23.65 | 16.5 | 41.2 | 2,141 | Precision production |
| 98 | Public relations specialists | 23.60 | 7.1 | 39.1 | 2,000 | Professional |
| 99 | Tile setters, hard and soft | 23.55 | 10.1 | 40.0 | 2,080 | Precision production |
| 100 | Underwriters | 23.45 | 7.9 | 38.7 | 1,982 | Executive |
| 101 | Locomotive operating occupations ... | 23.44 | 9.8 | 40.3 | 2,094 | Transportation |
| 102 | Biological and life scientists | 23.36 | 9.9 | 39.7 | 2,060 | Professional |
| 103 | Architects | 23.22 | 5.6 | 39.7 | 2,066 | Professional |
| 104 | Computer programmers | 23.19 | 3.0 | 39.6 | 2,053 | Professional |
| 105 | Supervisors, computer equipment operators | 23.18 | 4.5 | 39.8 | 2,067 support | Administrative |
| 106 | Power plant operators | 23.09 | 2.7 | 39.8 | 2,069 | Precision production |
| 107 | Electrical power installers and repairers | 23.06 | 2.5 | 40.0 | 2,080 | Precision production |
| 108 | Physical therapists | 22.85 | 4.2 | 39.7 | 2,038 | Professional |

Table 1. Continued—Hourly earnings of full-time workers and weekly and annual work hours, National Compensation Survey, 2000

| Rank | Occupation | Hourly earnings ¹ | | Mean hours ² | | Major occupational group ³ |
|------|---|------------------------------|---------------------------------------|-------------------------|--------|---------------------------------------|
| | | Mean | Relative error ⁴ (percent) | Weekly | Annual | |
| 109 | Real estate sales occupations | \$22.84 | 13.5 | 37.8 | 1,967 | Sales |
| 110 | Occupational therapists | 22.79 | 4.8 | 38.7 | 1,941 | Professional |
| 111 | Supervisors, firefighters and fire prevention occupations | 22.34 | 4.7 | 49.2 | 2,558 | Service |
| 112 | Forestry and conservation scientists | 22.29 | 7.3 | 40.2 | 2,091 | Professional |
| 113 | Painters, sculptors, craft artists, and artist print-makers | 22.07 | 19.8 | 40.1 | 2,083 | Professional |
| 114 | Buyers, wholesale and retail trade, except farm products | 21.91 | 7.0 | 40.5 | 2,107 | Executive |
| 115 | Insurance sales occupations | 21.80 | 5.6 | 39.7 | 2,066 | Sales occupations |
| 116 | Personnel, training, and labor relations specialists | 21.75 | 3.1 | 39.6 | 2,058 | Executive |
| 117 | Sheetmetal duct installers | 21.74 | 8.5 | 39.7 | 2,062 | Precision production |
| 118 | Advertising and related sales occupations | 21.73 | 7.4 | 39.5 | 2,054 | Sales occupations |
| 119 | Registered nurses | 21.69 | 1.3 | 39.0 | 2,013 | Professional |
| 120 | Mining occupations, n.e.c. | 21.61 | 3.1 | 39.5 | 2,055 | Precision production |
| 121 | Agricultural and food scientists | 21.53 | 9.6 | 39.8 | 2,042 | Professional |
| 122 | Accountants and auditors | 21.51 | 1.8 | 39.6 | 2,042 | Executive |
| 123 | Archivists and curators | 21.51 | 10.6 | 39.3 | 2,046 | Professional |
| 124 | Stevedores | 21.43 | 4.8 | 39.3 | 2,046 | Handlers |
| 125 | Inspectors and compliance officers, except construction | 21.34 | 3.6 | 39.3 | 2,041 | Executive |
| 126 | Telephone line installers and repairers | 21.33 | 2.8 | 40.0 | 2,076 | Precision production |
| 127 | Social scientists, n.e.c. | 21.28 | 22.9 | 38.7 | 2,011 | Professional |
| 128 | Camera, watch, and musical instrument repairers | 21.28 | 12.7 | 39.0 | 2,030 | Precision production |
| 129 | Construction inspectors | 21.19 | 4.0 | 40.2 | 2,087 | Executive |
| 130 | Tool and die makers | 21.19 | 2.3 | 40.1 | 2,088 | Precision production |
| 131 | Police and detectives, public service | 21.01 | 1.5 | 40.0 | 2,074 | Service |
| 132 | Managers, properties and real estate | 21.00 | 7.9 | 40.3 | 2,095 | Executive |
| 133 | Brickmasons and stonemasons | 20.91 | 8.9 | 39.1 | 1,979 | Precision production |
| 134 | Miscellaneous plant and system operators, n.e.c. | 20.91 | 7.1 | 40.0 | 2,065 | Precision production |
| 135 | Industrial engineering technicians | 20.89 | 5.5 | 40.4 | 2,102 | Professional |
| 136 | Railroad brake, signal and switch operators | 20.81 | 12.4 | 40.0 | 2,080 | Transportation |
| 137 | Designers | 20.80 | 6.2 | 39.6 | 2,056 | Professional |
| 138 | Aircraft engine mechanics | 20.75 | 5.1 | 40.0 | 2,080 | Precision production |
| 139 | Plumbers, pipefitters and steamfitters | 20.74 | 4.8 | 39.7 | 2,065 | Precision production |
| 140 | Mechanical engineering technicians .. | 20.69 | 3.8 | 40.3 | 2,095 | Professional |
| 141 | Aircraft mechanics except engine | 20.69 | 4.2 | 40.0 | 2,080 | Precision production |
| 142 | Sales occupations, other business services | 20.67 | 7.5 | 40.2 | 2,088 | Sales |
| 143 | Supervisors, construction trades, n.e.c. | 20.43 | 4.3 | 40.0 | 2,072 | Precision production |
| 144 | Sales workers, motor vehicles and boats | 20.32 | 5.0 | 45.1 | 2,346 | Sales |
| 145 | Drywall installers | 20.32 | 13.7 | 39.1 | 2,032 | Precision production |
| 146 | Supervisors, brickmasons, stonemasons, and tilers | 20.26 | 12.9 | 40.0 | 2,080 | Precision production |
| 147 | Stationary engineers | 20.16 | 3.6 | 39.9 | 2,074 | Precision production |
| 148 | Engineering technicians, n.e.c. | 20.12 | 2.9 | 39.8 | 2,069 | Professional |
| 149 | Supervisors, production occupations | 19.97 | 3.1 | 40.6 | 2,108 | Precision production |
| 150 | Electricians | 19.81 | 4.3 | 39.8 | 2,071 | Precision production |
| 151 | Technical writers | 19.78 | 9.9 | 40.0 | 2,064 | Professional |
| 152 | Patternmakers and modelmakers, metal | 19.77 | 6.5 | 40.0 | 2,080 | Precision production |

Table 1. Continued—Hourly earnings of full-time workers and weekly and annual work hours, National Compensation Survey, 2000

| Rank | Occupation | Hourly earnings ¹ | | Mean hours ² | | Major occupational group ³ |
|------|---|------------------------------|---------------------------------------|-------------------------|--------|---------------------------------------|
| | | Mean | Relative error ⁴ (percent) | Weekly | Annual | |
| 153 | Mechanical controls and valve repairers | \$19.72 | 4.4 | 40.0 | 2,080 | Precision production |
| 154 | Radiological technicians | 19.66 | 4.6 | 39.6 | 2,058 | Professional |
| 155 | Electronic repairers, communications and industrial equipment | 19.59 | 2.9 | 39.9 | 2,072 | Precision production |
| 156 | Precision inspectors, testers, and related workers, n.e.c. | 19.53 | 7.7 | 40.0 | 2,080 | Precision production |
| 157 | Technical and related occupations, n.e.c. | 19.42 | 3.3 | 39.7 | 2,055 | Professional |
| 158 | Carpet installers | 19.41 | 10.2 | 39.6 | 2,061 | Precision production |
| 159 | Drafters | 19.18 | 3.2 | 40.0 | 2,080 | Professional |
| 160 | Adjusters and calibrators | 19.12 | 20.3 | 40.0 | 2,080 | Precision production |
| 161 | Fire inspection and fire prevention occupations | 19.05 | 7.5 | 41.7 | 2,170 | Service occupations |
| 162 | Telephone installers and repairers | 18.98 | 3.0 | 40.0 | 2,080 | Precision production |
| 163 | Operating engineers | 18.94 | 6.3 | 40.0 | 1,957 | Transportation |
| 164 | Millwrights | 18.81 | 5.7 | 40.0 | 2,080 | Precision production |
| 165 | Respiratory therapists | 18.69 | 2.0 | 39.2 | 2,040 | Professional |
| 166 | Street and door-to-door sales workers | 18.69 | 13.3 | 38.6 | 2,006 | Sales |
| 167 | Supervisors, painters, paperhangers and plasterers | 18.69 | 3.1 | 40.2 | 2,092 | Precision production |
| 168 | Supervisors, financial records processing | 18.57 | 3.4 | 39.5 | 2,052 | Administrative support |
| 169 | Electrical and electronic technicians . | 18.53 | 4.8 | 39.9 | 2,076 | Professional |
| 170 | Hoist and winch operators | 18.50 | 17.2 | 42.0 | 2,185 | Transportation |
| 171 | Science technicians, n.e.c. | 18.49 | 8.0 | 39.2 | 2,039 | Professional |
| 172 | Heavy equipment mechanics | 18.48 | 4.1 | 40.0 | 2,069 | Precision production |
| 173 | Automobile body and related repairers | 18.44 | 9.9 | 40.2 | 2,090 | Precision production |
| 174 | Supervisors, distribution, scheduling, and adjusting clerks | 18.39 | 3.6 | 40.3 | 2,097 | Administrative support |
| 175 | Purchasing agents and buyers, farm products | 18.38 | 15.6 | 39.6 | 2,060 | Executive |
| 176 | Chief communications operators | 18.30 | 7.1 | 40.0 | 2,080 | Administrative support |
| 177 | Ship captains and mates except fishing boats | 18.22 | 8.4 | 51.6 | 2,359 | Transportation |
| 178 | Dietitians | 18.21 | 3.3 | 39.6 | 2,061 | Professional |
| 179 | Broadcast equipment operators | 18.08 | 11.3 | 39.8 | 2,068 | Professional |
| 180 | Supervisors, material moving equipment | 18.08 | 3.6 | 40.6 | 2,112 | Transportation |
| 181 | Photographers | 18.06 | 8.3 | 40.1 | 2,083 | Professional |
| 182 | Chemical technicians | 18.02 | 3.7 | 40.0 | 2,073 | Professional |
| 183 | Prekindergarten and kindergarten | 17.94 | 7.4 | 38.0 | 1,659 | Professional |
| 184 | Religious workers, n.e.c. | 17.87 | 16.4 | 40.0 | 1,979 | Professional |
| 185 | Supervisors, agriculture-related workers | 17.81 | 6.9 | 38.7 | 2,012 | Handlers |
| 186 | Industrial machinery repairers | 17.80 | 1.8 | 39.9 | 2,074 | Precision production |
| 187 | Supervisors, motor vehicle operators | 17.62 | 5.5 | 42.8 | 2,225 | Transportation |
| 188 | Locksmiths and safe repairers | 17.57 | 5.4 | 40.0 | 2,080 | Precision production |
| 189 | Legal assistants | 17.56 | 3.3 | 39.1 | 2,035 | Professional |
| 190 | Precision grinders, filers, and tool sharpeners | 17.55 | 6.8 | 40.0 | 2,080 | Precision production |
| 191 | Therapists, n.e.c. | 17.54 | 4.7 | 39.2 | 2,030 | Professional |
| 192 | Tool programmers, numerical control . | 17.54 | 4.7 | 40.2 | 2,092 | Professional |
| 193 | Supervisors, guards | 17.54 | 7.0 | 38.7 | 1,927 | Service occupations |
| 194 | Managers, food servicing and lodging establishments | 17.52 | 5.0 | 43.2 | 2,162 | Executive |
| 195 | Precision assemblers, metal | 17.48 | 2.1 | 40.0 | 2,078 | Precision production |
| 196 | Plumbers, pipefitters and steamfitters apprentices | 17.43 | 13.8 | 39.8 | 2,071 | Precision production |
| 197 | Carpenters | 17.28 | 3.3 | 39.8 | 2,055 | Precision production |
| 198 | Insurance adjusters, examiners, and investigators | 17.20 | 3.8 | 39.1 | 2,033 | Administrative support |
| 199 | Clergy | 17.17 | 13.2 | 47.1 | 2,450 | Professional |

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| Rank | Occupation | Hourly earnings ¹ | | Mean hours ² | | Major occupational group ³ |
|------|--|------------------------------|---------------------------------------|-------------------------|--------|---------------------------------------|
| | | Mean | Relative error ⁴ (percent) | Weekly | Annual | |
| 200 | Drillers, oil well | \$17.16 | 25.2 | 40.0 | 2,036 | Precision production |
| 201 | Firefighting occupations | 17.15 | 3.0 | 48.3 | 2,512 | Service occupations |
| 202 | Sheriffs, bailiffs, and other law enforcement officers | 17.06 | 2.7 | 39.8 | 2,071 | Service occupations |
| 203 | Cost and rate clerks | 17.04 | 13.1 | 40.0 | 2,080 | Administrative support |
| 204 | Supervisors, general office | 16.94 | 3.1 | 39.7 | 2,063 | Administrative support |
| 205 | Data processing equipment repairers | 16.85 | 9.4 | 39.8 | 2,067 | Precision production |
| 206 | Separating, filtering, and clarifying machine operators | 16.77 | 3.6 | 39.8 | 2,069 | Machine operators |
| 207 | Sheet metal workers | 16.73 | 4.9 | 40.0 | 2,077 | Precision production |
| 208 | Crane and tower operators | 16.73 | 5.4 | 39.8 | 2,067 | Transportation |
| 209 | Supervisors, mechanics and repairers | 16.72 | 13.4 | 40.4 | 2,101 | Precision production |
| 210 | Inspectors, testers, and graders | 16.68 | 3.5 | 40.4 | 2,103 | Precision production |
| 211 | Supervisors, sales occupations | 16.59 | 3.7 | 41.4 | 2,154 | Sales |
| 212 | Structural metal workers | 16.58 | 4.6 | 38.9 | 1,981 | Precision production |
| 213 | Machinists | 16.58 | 3.8 | 40.0 | 2,079 | Precision production |
| 214 | Supervisors, handlers, equipment cleaners, and laborers, n.e.c. | 16.56 | 7.0 | 39.2 | 2,030 | Handlers |
| 215 | Hand molders and shapers except jewelers | 16.52 | 5.6 | 40.0 | 2,080 | Precision production |
| 216 | Surveying and mapping technicians .. | 16.44 | 7.2 | 39.8 | 2,071 | Professional |
| 217 | Mining machine operators | 16.30 | 13.3 | 40.0 | 2,080 | Precision production |
| 218 | Production coordinators | 16.28 | 2.8 | 40.0 | 2,076 | Administrative support |
| 219 | Automobile mechanics | 16.26 | 3.9 | 40.3 | 2,096 | Precision production |
| 220 | Concrete and terrazzo finishers | 16.25 | 12.3 | 37.9 | 1,896 | Precision production |
| 221 | Biological technicians | 16.22 | 5.1 | 39.7 | 2,064 | Professional |
| 222 | Clinical laboratory technologists and technicians | 16.11 | 3.7 | 38.4 | 1,996 | Professional |
| 223 | Photoengravers and lithographers ... | 16.05 | 9.3 | 39.2 | 2,037 | Machine operators |
| 224 | Miscellaneous precision workers, n.e.c. | 15.94 | 8.3 | 40.0 | 2,078 | Precision production |
| 225 | Mechanics and repairers, n.e.c. | 15.93 | 2.2 | 39.9 | 2,072 | Precision production |
| 226 | Water and sewer treatment plant operators | 15.77 | 3.7 | 40.0 | 2,079 | Precision production |
| 227 | Layout workers | 15.61 | 6.3 | 40.0 | 2,080 | Precision production |
| 228 | Heating, air conditioning, and refrigeration mechanics | 15.57 | 3.0 | 40.0 | 2,075 | Precision production |
| 229 | Correctional institution officers | 15.48 | 4.4 | 39.9 | 2,031 | Service |
| 230 | Sales workers, furniture and home furnishings | 15.44 | 12.3 | 40.7 | 2,117 | Sales |
| 231 | Precision food production occupations | 15.32 | 20.0 | 37.4 | 1,575 | Precision production |
| 232 | Tool and die maker apprentices | 15.17 | 8.0 | 39.8 | 2,071 | Precision production |
| 233 | Grader, dozer, and scrapper operators | 15.15 | 5.6 | 40.0 | 2,071 | Transportation |
| 234 | Production samplers and weighers ... | 15.14 | 3.7 | 39.6 | 2,059 | Machine operators |
| 235 | Social workers | 15.13 | 7.4 | 39.3 | 2,027 | Professional |
| 236 | Proofreaders | 15.06 | 15.1 | 39.7 | 2,062 | Administrative support |
| 237 | Dental laboratory and medical appliance technicians | 14.97 | 2.7 | 38.9 | 2,024 | Precision production |
| 238 | Office machine repairers | 14.93 | 11.4 | 40.0 | 2,079 | Precision production |
| 239 | Computer operators | 14.89 | 2.7 | 39.6 | 2,053 | Administrative support |
| 240 | Meter readers | 14.89 | 3.5 | 40.0 | 2,081 | Administrative support |
| 241 | Miscellaneous material moving equipment operators, n.e.c. | 14.86 | 4.3 | 39.9 | 2,074 | Transportation |
| 242 | Construction trades, n.e.c. | 14.85 | 5.5 | 39.7 | 2,032 | Precision production |
| 243 | Artists, performers, and related workers, n.e.c. | 14.84 | 13.7 | 37.8 | 1,854 | Professional |
| 244 | Lathe and turning machine set-up operators | 14.81 | 3.5 | 40.0 | 2,079 | Machine operators |
| 245 | Health technologists and technicians, n.e.c. | 14.69 | 4.4 | 39.7 | 2,057 | Professional |
| 246 | Eligibility clerks, social welfare | 14.68 | 4.6 | 39.2 | 2,014 | Administrative support |

Table 1. Continued—Hourly earnings of full-time workers and weekly and annual work hours, National Compensation Survey, 2000

| Rank | Occupation | Hourly earnings ¹ | | Mean hours ² | | Major occupational group ³ |
|------|--|------------------------------|---------------------------------------|-------------------------|--------|---------------------------------------|
| | | Mean | Relative error ⁴ (percent) | Weekly | Annual | |
| 247 | Stenographers | \$14.66 | 6.0 | 39.3 | 2,042 | Administrative support |
| 248 | Carpenter apprentices | 14.66 | 7.7 | 40.0 | 1,979 | Precision production |
| 249 | Excavating and loading machine operators | 14.66 | 4.3 | 40.0 | 2,047 | Transportation |
| 250 | Driver-sales workers | 14.64 | 5.0 | 40.7 | 2,109 | Transportation |
| 251 | Recreation workers | 14.63 | 4.3 | 39.3 | 2,041 | Professional |
| 252 | Welders and cutters | 14.55 | 2.7 | 40.0 | 2,080 | Machine operators |
| 253 | Bus, truck, and stationary engine mechanics | 14.50 | 6.0 | 40.1 | 2,083 | Precision production |
| 254 | Glaziers | 14.50 | 6.9 | 40.0 | 2,080 | Precision production |
| 255 | Secretaries | 14.46 | 3.7 | 38.9 | 1,999 | Administrative support |
| 256 | Heat treating equipment operators | 14.46 | 3.1 | 40.0 | 2,078 | Machine operators |
| 257 | Roofers | 14.45 | 10.1 | 38.2 | 1,962 | Precision production |
| 258 | Machinery maintenance occupations | 14.44 | 3.2 | 39.9 | 2,066 | Precision production |
| 259 | Furnace, kiln, and oven operators, except food | 14.37 | 5.4 | 40.0 | 2,081 | Machine operators |
| 260 | Numerical control machine operators | 14.36 | 2.8 | 40.0 | 2,078 | Machine operators |
| 261 | Garbage collectors | 14.33 | 7.7 | 40.0 | 2,079 | Handlers |
| 262 | Printing press operators | 14.28 | 3.6 | 39.6 | 2,054 | Machine operators |
| 263 | Weighers, measurers, checkers, and samplers | 14.18 | 7.8 | 40.0 | 2,076 | Administrative support |
| 264 | Payroll and timekeeping clerks | 14.15 | 2.8 | 39.7 | 2,061 | Administrative support |
| 265 | Rolling machine operators | 14.06 | 8.8 | 40.0 | 2,080 | Machine operators |
| 266 | Personnel clerks except payroll and timekeeping | 14.02 | 2.7 | 39.5 | 2,047 | Administrative support |
| 267 | Licensed practical nurses | 13.99 | 1.3 | 39.3 | 2,040 | Professional |
| 268 | Painters, construction and maintenance | 13.99 | 4.3 | 39.6 | 2,007 | Precision production |
| 269 | Painting and paint spraying machine operators | 13.90 | 13.1 | 40.0 | 2,074 | Machine operators |
| 270 | Mixing and blending machine operators | 13.85 | 4.4 | 39.8 | 2,058 | Machine operators |
| 271 | Bus drivers | 13.84 | 3.4 | 37.0 | 1,713 | Transportation |
| 272 | Transportation ticket and reservation agents | 13.82 | 3.9 | 39.7 | 2,063 | Administrative support |
| 273 | Material recording, scheduling, and distribution clerks, n.e.c. | 13.78 | 8.6 | 39.9 | 2,074 | Administrative support |
| 274 | Precision stones and metals workers | 13.74 | 14.8 | 40.0 | 2,080 | Precision production |
| 275 | Fabricating machine operators, n.e.c. | 13.67 | 2.3 | 39.9 | 2,076 | Machine operators |
| 276 | Upholsterers | 13.66 | 13.2 | 39.4 | 2,047 | Precision production |
| 277 | Dispatchers | 13.65 | 4.1 | 40.1 | 2,084 | Administrative support |
| 278 | Milling and planing machine operators | 13.56 | 6.9 | 39.8 | 2,068 | Machine operators |
| 279 | Typesetters and compositors | 13.56 | 6.3 | 38.2 | 1,981 | Machine operators |
| 280 | Sales workers, parts | 13.52 | 5.5 | 40.7 | 2,117 | Sales |
| 281 | Cabinet makers and bench carpenters | 13.41 | 12.2 | 39.9 | 2,076 | Precision production |
| 282 | Classified ad clerks | 13.38 | 6.2 | 39.2 | 2,040 | Administrative support |
| 283 | Sales workers, apparel | 13.34 | 25.2 | 38.3 | 1,972 | Sales |
| 284 | Sales workers, hardware and building supplies | 13.31 | 6.6 | 41.2 | 2,140 | Sales |
| 285 | Expeditors | 13.29 | 4.1 | 39.8 | 2,068 | Administrative support |
| 286 | Sales support occupations, n.e.c. | 13.28 | 5.0 | 40.2 | 2,078 | Sales |
| 287 | Investigators and adjusters except insurance | 13.28 | 2.3 | 39.7 | 2,067 | Administrative support |
| 288 | Insulation workers | 13.27 | 8.9 | 39.8 | 2,061 | Precision production |
| 289 | Tailors | 13.23 | 5.2 | 39.7 | 2,066 | Precision production |
| 290 | Order clerks | 13.22 | 1.9 | 39.7 | 2,061 | Administrative support |
| 291 | Lathe and turning machine operators | 13.21 | 5.8 | 39.9 | 2,077 | Machine operators |
| 292 | Industrial truck and tractor equipment operators | 13.21 | 3.6 | 39.9 | 2,072 | Transportation |

Table 1. Continued—Hourly earnings of full-time workers and weekly and annual work hours, National Compensation Survey, 2000

| Rank | Occupation | Hourly earnings ¹ | | Mean hours ² | | Major occupational group ³ |
|------|---|------------------------------|---------------------------------------|-------------------------|--------|---------------------------------------|
| | | Mean | Relative error ⁴ (percent) | Weekly | Annual | |
| 293 | Electrician apprentices | 13.20 | 5.3 | 40.0 | 2,080 | Precision production |
| 294 | Small engine repairs | 13.19 | 4.5 | 40.0 | 1,769 | Precision production |
| 295 | Forging machine operators | 13.14 | 4.9 | 39.9 | 2,074 | Machine operators |
| 296 | Household appliance and power tool repairers | 13.12 | 6.0 | 39.6 | 2,058 | Precision production |
| 297 | Sailors and deckhands | 13.09 | 11.9 | 45.3 | 2,270 | Transportation |
| 298 | Farm equipment mechanics | 13.08 | 5.2 | 40.7 | 2,116 | Precision production |
| 299 | Protective service occupations, n.e.c. | 13.03 | 6.3 | 39.3 | 1,737 | Service occupations |
| 300 | Truck drivers | 12.96 | 2.1 | 41.8 | 2,152 | Transportation |
| 301 | Metal plating machine operators | 12.91 | 3.7 | 39.6 | 2,059 | Machine operators |
| 302 | Production testers | 12.85 | 3.3 | 40.0 | 2,075 | Machine operators |
| 303 | Dental assistants | 12.82 | 9.9 | 38.0 | 1,974 | Service |
| 304 | Statistical clerks | 12.81 | 5.5 | 39.2 | 2,036 | Administrative support |
| 305 | Slicing and cutting machine operators | 12.81 | 4.5 | 39.9 | 2,073 | Machine operators |
| 306 | Grinding, abrading, buffing, and polishing machine operators | 12.78 | 3.0 | 40.0 | 2,079 | Machine operators |
| 307 | Folding machine operators | 12.76 | 3.8 | 39.6 | 2,058 | Machine operators |
| 308 | Typists | 12.74 | 1.8 | 38.5 | 1,975 | Administrative support |
| 309 | Telephone operators | 12.60 | 3.0 | 39.2 | 2,036 | Administrative support |
| 310 | Sales workers, other commodities | 12.52 | 7.2 | 39.7 | 2,066 | Sales occupations |
| 311 | Administrative support occupations, n.e.c. | 12.52 | 1.9 | 39.4 | 2,035 | Administrative support |
| 312 | Photographic process machine operators | 12.47 | 5.9 | 39.9 | 2,070 | Machine operators |
| 313 | Peripheral equipment operators | 12.44 | 6.9 | 39.6 | 2,058 | Administrative support |
| 314 | Sheet metal worker apprentices | 12.40 | 16.5 | 34.9 | 1,793 | Precision production |
| 315 | Construction laborers | 12.36 | 4.8 | 39.9 | 1,999 | Handlers |
| 316 | Substitute teachers | 12.31 | 14.3 | 32.6 | 1,271 | Professional |
| 317 | Records clerks, n.e.c. | 12.29 | 2.2 | 39.3 | 2,025 | Administrative support |
| 318 | Winding and twisting machine operators | 12.27 | 7.8 | 39.9 | 2,075 | Machine operators |
| 319 | Stock and inventory clerks | 12.18 | 2.4 | 39.8 | 2,065 | Administrative support |
| 320 | Bookbinders | 12.17 | 2.7 | 39.9 | 2,073 | Precision production |
| 321 | Correspondence clerks | 12.16 | 3.9 | 39.8 | 2,059 | Administrative support |
| 322 | Crushing and grinding machine operators | 12.13 | 7.2 | 40.0 | 1,997 | Machine operators |
| 323 | Information clerks, n.e.c. | 12.11 | 3.3 | 39.3 | 2,038 | Administrative support |
| 324 | Punching and stamping press operators | 12.11 | 5.2 | 40.0 | 2,071 | Machine operators |
| 325 | Miscellaneous machine operators, n.e.c. | 12.10 | 3.7 | 39.9 | 2,073 | Machine operators |
| 326 | Traffic, shipping and receiving clerks | 12.09 | 3.2 | 39.8 | 2,072 | Administrative support |
| 327 | Bookkeepers, accounting and auditing clerks | 11.96 | 5.1 | 39.6 | 2,057 | Administrative support |
| 328 | Guides | 11.96 | 9.3 | 39.5 | 2,016 | Service occupations |
| 329 | Bill and account collectors | 11.93 | 4.3 | 39.2 | 2,037 | Administrative support |
| 330 | Supervisors, food preparation and service occupations | 11.92 | 3.7 | 42.2 | 2,139 | Service occupations |
| 331 | Supervisors, cleaning and building service workers | 11.92 | 10.7 | 39.8 | 2,068 | Service occupations |
| 332 | Hand molding, casting, and forming occupations | 11.91 | 2.9 | 40.0 | 2,080 | Machine operators |
| 333 | General office clerks | 11.88 | 1.3 | 39.3 | 2,025 | Administrative support |
| 334 | Furniture and wood finishers | 11.82 | 4.9 | 40.0 | 2,080 | Precision production |
| 335 | Production inspectors, checkers and examiners | 11.81 | 3.9 | 39.9 | 2,076 | Machine operators |
| 336 | Extruding and forming machine operators | 11.78 | 4.0 | 39.6 | 2,058 | Machine operators |
| 337 | Assemblers | 11.76 | 3.9 | 39.9 | 2,073 | Machine operators |
| 338 | Paving, surfacing, and tamping equipment operators | 11.68 | 12.3 | 40.0 | 2,005 | Precision production |
| 339 | Packaging and filling machine operators | 11.68 | 2.9 | 39.9 | 2,076 | Machine operators |

Table 1. Continued—Hourly earnings of full-time workers and weekly and annual work hours, National Compensation Survey, 2000

| Rank | Occupation | Hourly earnings ¹ | | Mean hours ² | | Major occupational group ³ |
|------|--|------------------------------|---------------------------------------|-------------------------|--------|---------------------------------------|
| | | Mean | Relative error ⁴ (percent) | Weekly | Annual | |
| 340 | Automobile mechanic apprentices | \$11.65 | 8.6 | 40.3 | 2,097 | Precision production |
| 341 | Animal caretakers except farm | 11.56 | 9.7 | 38.5 | 1,807 | Handlers |
| 342 | Freight, stock, and material handlers, n.e.c. | 11.53 | 3.3 | 39.7 | 2,060 | Handlers |
| 343 | Dressmakers | 11.45 | 5.5 | 38.4 | 1,998 | Precision production |
| 344 | Library clerks | 11.35 | 3.3 | 38.0 | 1,788 | Administrative support |
| 345 | Optical goods workers | 11.27 | 10.2 | 39.9 | 2,073 | Precision production |
| 346 | Drilling and boring machine operators | 11.22 | 11.2 | 40.0 | 2,079 | Machine operators |
| 347 | Health record technologists and technicians | 11.18 | 9.9 | 39.3 | 2,043 | Professional |
| 348 | Electrical and electronic equipment assemblers | 11.15 | 4.0 | 40.0 | 2,077 | Precision production |
| 349 | Molding and casting machine operators | 11.15 | 4.6 | 39.9 | 2,068 | Machine operators |
| 350 | Cementing and gluing machine operators | 11.15 | 10.2 | 40.0 | 2,080 | Machine operators |
| 351 | Data entry keyers | 11.08 | 2.2 | 39.5 | 2,014 | Administrative support |
| 352 | Compressing and compacting machine operators | 11.06 | 3.5 | 40.0 | 2,080 | Machine operators |
| 353 | Sawing machine operators | 11.03 | 6.5 | 40.0 | 2,080 | Machine operators |
| 354 | Knitting, looping, taping, and weaving machine operators | 11.02 | 1.7 | 40.0 | 2,078 | Machine operators |
| 355 | Helpers, mechanics and repairers | 10.96 | 4.8 | 39.7 | 2,066 | Handlers |
| 356 | Health aides, except nursing | 10.88 | 3.7 | 39.4 | 2,039 | Service |
| 357 | Interviewers | 10.87 | 2.8 | 38.8 | 2,003 | Administrative support |
| 358 | Miscellaneous handworking occupations, n.e.c. | 10.87 | 4.1 | 39.7 | 2,061 | Machine operators |
| 359 | Washing, cleaning, and pickling machine operators | 10.77 | 8.9 | 40.0 | 2,080 | Machine operators |
| 360 | Legislators | 10.74 | 33.4 | 32.5 | 1,126 | Executive |
| 361 | Duplicating machine operators | 10.73 | 5.5 | 39.5 | 2,050 | Administrative support |
| 362 | Pest control occupations | 10.72 | 11.4 | 40.0 | 2,080 | Service occupations |
| 363 | Shaping and jointing machine operators | 10.71 | 5.2 | 40.0 | 2,080 | Machine operators |
| 364 | Hand inspectors, n.e.c. | 10.71 | 5.9 | 39.8 | 2,071 | Machine operators |
| 365 | Billing clerks | 10.69 | 3.9 | 39.8 | 2,072 | Administrative support |
| 366 | Helpers, construction trades | 10.66 | 3.2 | 39.9 | 2,031 | Handlers |
| 367 | Billing, posting, and calculating machine operators | 10.55 | 7.0 | 35.3 | 1,836 | Administrative support |
| 368 | Butchers and meat cutters | 10.49 | 4.3 | 40.0 | 2,080 | Precision production |
| 369 | Receptionists | 10.43 | 2.4 | 39.1 | 2,026 | Administrative support |
| 370 | Hairdressers and cosmetologists | 10.41 | 4.9 | 38.0 | 1,975 | Service |
| 371 | Graders and sorters except agricultural | 10.31 | 3.8 | 39.8 | 2,070 | Machine operators |
| 372 | Hand painting, coating, and decorating occupations | 10.30 | 6.1 | 40.0 | 2,079 | Machine operators |
| 373 | Stock handlers and baggers | 10.28 | 2.6 | 39.8 | 2,059 | Handlers |
| 374 | Food batchmakers | 10.26 | 9.8 | 40.0 | 2,077 | Precision production |
| 375 | Janitors and cleaners | 10.25 | 1.4 | 39.4 | 2,037 | Service |
| 376 | Mail preparing and paper handling machine operators | 10.23 | 5.8 | 39.5 | 2,053 | Administrative support |
| 377 | Shoe machine operators | 10.17 | 10.4 | 40.0 | 2,080 | Machine operators |
| 378 | Laborers except construction, n.e.c. | 10.17 | 2.0 | 39.6 | 2,056 | Handlers |
| 379 | Roasting and baking machine operators, food | 10.14 | 5.6 | 40.0 | 2,080 | Machine operators |
| 380 | Production helpers | 10.10 | 3.9 | 39.8 | 2,069 | Handlers |
| 381 | Bakers | 9.98 | 10.4 | 35.8 | 1,858 | Precision production |
| 382 | Solders and braziers | 9.89 | 7.8 | 40.0 | 2,079 | Machine operators |
| 383 | Communications equipment operators, n.e.c. | 9.84 | 11.9 | 39.7 | 2,012 | Administrative support |
| 384 | Bank tellers | 9.84 | 2.3 | 39.2 | 2,039 | Administrative support |
| 385 | Mail clerks except postal service | 9.80 | 6.2 | 38.9 | 2,024 | Administrative support |
| 386 | Sales workers, shoes | 9.75 | 12.4 | 39.6 | 2,057 | Sales occupations |

Table 1. Continued—Hourly earnings of full-time workers and weekly and annual work hours, National Compensation Survey, 2000

| Rank | Occupation | Hourly earnings ¹ | | Mean hours ² | | Major occupational group ³ |
|------|--|------------------------------|---------------------------------------|-------------------------|--------|---------------------------------------|
| | | Mean | Relative error ⁴ (percent) | Weekly | Annual | |
| 387 | Brickmason and stonemason apprentices | \$9.73 | 7.8 | 400 | 2,080 | Precision production |
| 388 | Teachers' aides | 9.72 | 1.9 | 35.6 | 1,364 | Administrative support |
| 389 | Hand packers and packagers | 9.58 | 5.2 | 39.8 | 2,062 | Handlers |
| 390 | Groundskeepers and gardeners except farm | 9.57 | 6.5 | 39.8 | 1,920 | Handlers |
| 391 | Garage and service station related occupations | 9.50 | 6.1 | 39.1 | 2,032 | Handlers |
| 392 | Taxicab drivers and chauffeurs | 9.41 | 4.6 | 39.7 | 2,062 | Transportation |
| 393 | Guards and police except public service | 9.38 | 2.2 | 39.4 | 2,040 | Service |
| 394 | Wood lathe, routing, and planing machine operators | 9.37 | 11.7 | 39.7 | 2,065 | Machine operators |
| 395 | Textile cutting machine operators | 9.37 | 7.5 | 40.0 | 2,079 | Machine operators |
| 396 | Inspectors, agricultural products | 9.26 | 10.0 | 39.8 | 1,984 | Handlers |
| 397 | File clerks | 9.25 | 3.7 | 39.4 | 2,048 | Administrative support |
| 398 | Messengers | 9.25 | 8.0 | 39.2 | 2,036 | Administrative support |
| 399 | Nursing aides, orderlies and attendants | 9.11 | 1.2 | 38.7 | 2,011 | Service |
| 400 | Motor transportation occupations, n.e.c. | 9.10 | 6.4 | 38.8 | 1,995 | Transportation |
| 401 | Child care workers, n.e.c. | 9.08 | 2.9 | 39.4 | 1,969 | Service |
| 402 | Vehicle washers and equipment cleaners | 9.03 | 3.8 | 40.0 | 2,070 | Handlers |
| 403 | Office machine operators, n.e.c. | 8.93 | 4.1 | 39.6 | 2,060 | Administrative support |
| 404 | Service occupations, n.e.c. | 8.92 | 12.7 | 39.1 | 2,016 | Service |
| 405 | Welfare service aides | 8.87 | 3.5 | 39.3 | 2,028 | Service |
| 406 | Cooks | 8.82 | 2.3 | 38.5 | 1,953 | Service |
| 407 | Hotel clerks | 8.81 | 3.3 | 40.2 | 2,086 | Administrative support |
| 408 | Parking lot attendants | 8.58 | 5.7 | 40.0 | 2,078 | Transportation |
| 409 | Helpers, extractive occupations | 8.50 | 11.2 | 37.7 | 1,960 | Handlers |
| 410 | Machine feeders and offbearers | 8.45 | 8.8 | 39.9 | 2,073 | Handlers |
| 411 | Handcutting and trimming occupations | 8.35 | 8.4 | 40.0 | 2,079 | Machine operators |
| 412 | Pressing machine operators | 8.31 | 4.4 | 39.9 | 2,076 | Machine operators |
| 413 | Cashiers | 8.26 | 1.3 | 39.2 | 2,031 | Sales |
| 414 | Textile sewing machine operators | 8.04 | 4.5 | 39.9 | 2,074 | Machine operators |
| 415 | Nursery workers | 8.03 | 3.4 | 40.0 | 1,951 | Handlers |
| 416 | Kitchen workers, food preparation | 8.02 | 2.8 | 38.8 | 1,942 | Service |
| 417 | Sales counter clerks | 7.88 | 3.7 | 39.2 | 2,038 | Sales |
| 418 | Maids and housemen | 7.87 | 2.5 | 37.9 | 1,969 | Service |
| 419 | Early childhood teachers' assistants | 7.84 | 5.4 | 37.8 | 1,783 | Service |
| 420 | Food preparation occupations, n.e.c. | 7.72 | 1.3 | 38.2 | 1,931 | Service |
| 421 | Laundry and dry cleaning machine operators | 7.72 | 4.9 | 39.1 | 2,021 | Machine operators |
| 422 | Bartenders | 7.08 | 6.2 | 38.4 | 1,998 | Service |
| 423 | Food counter, fountain, and related occupations | 7.03 | 4.3 | 36.9 | 1,899 | Service |
| 424 | Attendants, amusement and recreation facilities | 6.68 | 5.8 | 39.7 | 2,054 | Service |
| 425 | Baggage porters and bellhops | 6.30 | 7.6 | 39.0 | 2,026 | Service |
| 426 | Waiters/waitresses' assistants | 6.16 | 3.6 | 38.3 | 1,985 | Service |
| 427 | Waiters and waitresses | 3.99 | 4.0 | 37.2 | 1,933 | Service |

¹ Earnings are straight-time hourly wages or salaries paid to employees. They include incentive pay, cost-of-living adjustments, and hazard pay. Excluded are premium pay for overtime, vacations, and holidays; nonproduction bonuses; and tips. The mean is computed by totaling the pay of all workers and dividing by the number of workers, weighted by hours.

² Employees are classified as working either a full-time or part-time schedule based on the definition used by each establishment.

³ The National Compensation Survey classifies occupations into nine major groups. The full titles used are: (1) professional specialty and technical; (2) executive, administrative, and managerial; (3) sales; (4) administrative support,

including clerical; (5) precision production, craft, and repair; (6) machine operators, assemblers, and inspectors; (7) transportation and material moving; (8) handlers, equipment cleaners, helpers, and laborers; and (9) service occupations, except private households.

⁴ The relative standard error is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate.

NOTE: The survey covers all 50 States. Collection was conducted between June 1999 and April 2001. The average reference period was July 2000.

sample. There are two types of errors possible in an estimate based on a sample survey, sampling and nonsampling.

Sampling errors occur because observations come only from a sample and not from an entire population. The sample used for the National Compensation Survey is one of a number of possible samples of the same size that could have been selected using the sample design. Estimates derived from the different samples would differ from each other.

A measure of the variation among these differing estimates is called the standard error or sampling error. It indicates the precision with which an estimate from a particular sample approximates the average result of all possible samples. The relative standard error is the standard error divided by the estimate. The relative standard errors are presented for all of the occupations in table 1.

The standard error can be used to calculate a "confidence interval" around a sample estimate. As an example, the mean hourly earnings for physicians were \$61.19 and a relative standard error of 23.3 percent for this estimate. At the 90-percent level, the confidence interval for this estimate is \$37.74 to \$84.64 (\$61.19 plus and minus 1.645 times 23.3 percent [that is, .233] = \$23.45); (\$61.19 + \$23.45 = \$84.64; \$61.19 - \$23.45 = \$37.74). If all possible samples were selected to estimate the population value, the interval from each sample would include the true population value approximately 90 percent of the time.

Because standard errors may somewhat affect the actual rankings, readers are advised to view with caution the rankings shown in this article.

Nonsampling errors also affect survey results. They can stem from many sources, such as inability to obtain information for some establishments, difficulties with survey definitions, inability of the respondents to provide correct information, or mistakes in recording or coding the data obtained. Although they are not specifically mea-

sured, the nonsampling errors are expected to be minimal due to the extensive training of the field economists who gather the survey data by personal visit, computer edits of the data, and detailed data review.

The major occupational groups

Following is a brief description of the nine major occupational groups, the types of occupations included in each group, and a general description of the duties and skills required to fill the positions.

Professional specialty and technical occupations. This major occupational group includes occupations concerned with the study, application, and/or administration of physical, mathematical, scientific, engineering, architectural, social, medical, legal statute, biological, behavioral, library, and/or religious laws, principles, practices, or theories. Some occupations are concerned with interpreting, informing, expressing, or promoting ideas, products, and so forth by written, artistic, sound, or physical mediums. Certain occupations that provide support in all the above fields are included in the professional group. Most professional occupations require educational preparation.

Executive, administrative, and managerial occupations. Managers plan, organize, direct, and control the major functions of an industrial, commercial, or governmental establishment or department through subordinates who are at the managerial or supervisory level. Managers make decisions and establish objectives for the department or establishment; they are generally not directly concerned with the fabrication of products or with the provision of services. They possess a knowledge of the day-to-day operation of the organization, but do not necessarily have the detailed knowledge required of a first line supervisor. Most managers are classified in

this major occupational group.

In the case of small establishments or departments, employees who plan, organize, direct, or control major functions may also perform functions normally assigned to supervisors, such as supervising lower level employees. These employees are considered as managers.

This group also includes management-related workers who implement the establishment functions in support of management at the operational level. Examples of these specialized functions are analyzing financial records and policies, reviewing organizational structures and methods, purchasing goods for internal organizational use, enforcing standards and regulations, and so forth.

Sales. Included in the sales major occupational group are occupations concerned with the selling of goods and services or property, purchasing goods and services for resale, or conducting wholesale and retail business. Sales representatives or agents and sales workers require knowledge of the goods or services sold, along with the ability to demonstrate product(s), receive payments, and perform other sales-related activities. Supervisors who coordinate the activities of workers who buy and sell goods and services are included. Sales clerks and cashiers who are primarily concerned with receiving and disbursing funds, and require no special product knowledge, are also included in this major occupational group.

Administrative support occupations, including clerical. This major occupational group includes all of the broad groups of occupations performing activities relating to preparing, transcribing, systematizing, and preserving written communications and records; collecting accounts; gathering and distributing information; operating office machines and electronic data processing equipment; storing, distributing, and accounting for stores of materials; operating telephone switchboards, distributing mail, and de-

Table 2. Highest and lowest paying occupations within each major occupational group of the National Compensation Survey, 2000

| Major occupational group | Highest-paying occupation | | | Lowest-paying occupation | | |
|----------------------------|---|----------------------|------|--|----------------------|------|
| | Occupation | Mean hourly earnings | Rank | Occupation | Mean hourly earnings | Rank |
| Professional and technical | Airplane pilots and navigators | \$95.80 | 1 | Health record technologists | \$11.18 | 347 |
| Executive | Managers, marketing, advertising, and public relations | 37.24 | 25 | Legislators | 10.74 | 360 |
| Sales occupations | Sales engineers | 33.59 | 35 | Sales counter clerks | 7.88 | 417 |
| Administrative support | Supervisors, computer equipment operators | 23.18 | 105 | Hotel clerks | 8.81 | 407 |
| Precision production | Elevator installers and repairers | 26.88 | 73 | Brick mason and stonemason apprentices | 9.73 | 387 |
| Machine operators | Separating, filtering, and clarifying machine operators | 16.77 | 206 | Laundry and dry cleaning machine operators | 7.72 | 421 |
| Transportation | Longshore equipment operators | 28.91 | 58 | Parking lot attendants | 8.58 | 408 |
| Handlers | Stevedores | 21.43 | 124 | Nursery workers | 8.03 | 415 |
| Service occupations | Public transportation attendants | 30.13 | 51 | Waiters and waitresses | 3.99 | 427 |

living messages; and performing other administrative and clerical support.

Precision production, craft, and repair. This group includes occupations involved in the fabricating, processing, inspecting, or repairing of material, products, or structural units. Incumbents must have a thorough and comprehensive knowledge of processes involved in their work, usually acquired through apprenticeship or intensive training. Workers must exercise considerable independent judgment and must usually display a high degree of manual dexterity.

Helpers are excluded from this major occupational group, unless specifically included. However, apprentices who are learning a craft or trade through on-the-job training and a formal apprenticeship training program are included, unless specifically excluded.

Machine operators, assemblers, and inspectors. Workers in this major occupational group set up and operate machinery, perform repetitive manual or machine operations, or tend and control machines as part of a fairly well-defined work routine where some independent

judgment or skill may be required.

Transportation and material moving occupations. This major occupational group covers workers concerned with activities that are in immediate support of the operation and performance of transportation vehicles used to transport people or material. It includes workers involved in the operation of material moving equipment that is stationary or has limited range. It also includes the supervisors of these workers.

Handlers, equipment cleaners, helpers, and laborers. Workers in this major occupational group perform unskilled, simple duties, primarily manual, that may be learned within a short period of time and that require little or no independent judgment. These occupations ordinarily require little or no previous experience. Duties may require moderate to strenuous physical exertion.

Service occupations, except private households. This major occupational group includes occupations concerned with preparing and serving food and drinks in commercial, institutional, or

other establishments, providing lodging and related services, providing grooming, cosmetic, and other personal and health care services for children and adults, providing protection for people and property, attending to the comfort or requests of patrons of amusement and recreation facilities, and performing cleaning and maintenance services to interiors of buildings. Workers in these occupations provide personal and protective services to individuals and commercial entities. An alphabetical index of the occupations in table 1 is on the Internet at: <http://www.bls.gov/ncs/>

Notes

¹ More information on the scope of the National Compensation Surveys is available on the Internet at <http://www.bls.gov/ncs/> or in *National Compensation Survey: Occupational Wages in the United States, 2000*, Bulletin 2548 (Bureau of Labor Statistics, 2001). The Internet site also provides comprehensive results of the 2000 survey.

² The spreads are calculated by dividing the rate for the highest paying occupation by the lowest paying occupation within a major occupational group, multiplying by 100, and subtracting 100. For example, $\$95.80/\$11.18 = 8.57$; $8.57 \times 100 - 100 = 757$.