

# **National Compensation Survey**

**NCS: Occupational Wages in the United States, 1998, Supplemental Tables**

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Supplementary table 1.1. **United States, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> all workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998**

| Occupation <sup>4</sup>                                 | All workers     |  |             |              |         |         |         |
|---|-----------------|--|-------------|--------------|---------|---------|---------|
|   | Hourly earnings |  |             |              |         |         |         |
|   | Mean            | Relative error <sup>5</sup><br>(percent) | Percentiles |              |         |         |         |
| 10  |                 |  | 25          | Median<br>50 | 75      | 90      |         |
| <b>All</b> .....  | \$15.72         | 0.5                                      | \$6.50      | \$8.65       | \$12.85 | \$19.66 | \$27.98 |
| All excluding sales .....                               | 15.89           | .5                                       | 6.60        | 8.91         | 13.12   | 19.90   | 28.13   |
| <b>White collar</b> .....                               | 19.39           | .5                                       | 7.99        | 10.82        | 16.27   | 24.38   | 34.14   |
| White collar excluding sales .....                      | 20.27           | .5                                       | 8.93        | 11.83        | 17.25   | 25.27   | 34.87   |
| <b>Professional specialty and technical</b> .....       | 24.10           | .6                                       | 12.50       | 16.46        | 21.72   | 28.88   | 37.29   |
| Professional specialty .....                            | 25.90           | .5                                       | 14.52       | 18.43        | 23.81   | 30.79   | 39.25   |
| Engineers, architects, and surveyors .....              | 28.97           | .7                                       | 19.47       | 22.97        | 27.78   | 33.65   | 40.24   |
| Architects .....  | 25.85           | 5.7                                      | 15.15       | 21.91        | 26.22   | 28.35   | 33.97   |
| Aerospace engineers .....                               | 30.96           | 2.5                                      | 20.89       | 24.70        | 30.28   | 35.85   | 42.61   |
| Metallurgical and materials engineers .....             | 27.28           | 5.0                                      | 19.75       | 24.01        | 24.52   | 32.60   | 37.26   |
| Mining engineers .....                                  | 32.66           | 7.6                                      | 25.50       | 29.12        | 29.12   | 40.00   | 40.00   |
| Petroleum engineers .....                               | 43.02           | 4.4                                      | 29.09       | 35.85        | 43.61   | 47.95   | 57.56   |
| Chemical engineers .....                                | 33.37           | 2.2                                      | 24.26       | 26.92        | 34.00   | 37.62   | 45.87   |
| Nuclear engineers .....                                 | 34.60           | 2.1                                      | 26.62       | 30.48        | 33.88   | 38.70   | 42.81   |
| Civil engineers .....                                   | 27.69           | 2.3                                      | 18.52       | 21.79        | 26.19   | 31.48   | 39.83   |
| Electrical and electronic engineers .....               | 30.35           | 1.1                                      | 21.04       | 24.46        | 29.29   | 34.92   | 40.59   |
| Industrial engineers .....                              | 25.26           | 2.4                                      | 17.45       | 20.69        | 24.13   | 28.37   | 33.65   |
| Mechanical engineers .....                              | 26.26           | 1.2                                      | 19.19       | 21.37        | 25.80   | 29.95   | 34.44   |
| Marine engineers and naval architects .....             | 30.54           | 5.7                                      | 17.98       | 25.17        | 32.31   | 35.27   | 38.17   |
| Engineers, n.e.c. ....                                  | 30.11           | 1.2                                      | 19.70       | 24.16        | 29.39   | 35.20   | 41.31   |
| Surveyors and mapping scientists .....                  | 21.13           | 4.9                                      | 15.02       | 18.52        | 18.60   | 24.16   | 32.33   |
| Mathematical and computer scientists .....              | 27.95           | 1.5                                      | 17.93       | 21.72        | 26.44   | 32.21   | 38.74   |
| Computer systems analysts and scientists .....          | 27.89           | 1.3                                      | 18.22       | 21.87        | 26.61   | 32.21   | 38.56   |
| Operations and systems researchers and analysts .....   | 28.56           | 6.8                                      | 17.35       | 21.11        | 25.96   | 32.40   | 39.79   |
| Actuaries .....   | 27.38           | 9.2                                      | 15.14       | 20.84        | 25.87   | 32.99   | 39.32   |
| Statisticians .....                                     | 23.77           | 8.4                                      | 13.34       | 16.35        | 25.10   | 28.90   | 32.19   |
| Mathematical scientists, n.e.c. ....                    | 24.88           | 8.2                                      | 13.68       | 16.79        | 24.04   | 30.79   | 35.54   |
| Natural scientists .....                                | 25.48           | 1.7                                      | 14.42       | 18.16        | 23.80   | 30.93   | 38.55   |
| Physicists and astronomers .....                        | 37.74           | 7.7                                      | 22.55       | 27.23        | 37.31   | 44.30   | 53.89   |
| Chemists, except biochemists .....                      | 28.62           | 3.4                                      | 16.73       | 21.08        | 26.63   | 34.81   | 42.56   |
| Atmospheric and space scientists .....                  | 22.91           | 15.0                                     | 12.60       | 16.35        | 19.54   | 31.25   | 37.68   |
| Geologists and geodesists .....                         | 30.68           | 6.3                                      | 16.34       | 20.28        | 27.98   | 35.39   | 50.09   |
| Physical scientists, n.e.c. ....                        | 26.56           | 2.4                                      | 16.87       | 20.30        | 26.04   | 32.18   | 36.10   |
| Agricultural and food scientists .....                  | 22.48           | 8.5                                      | 13.55       | 16.16        | 20.20   | 27.48   | 34.02   |
| Biological and life scientists .....                    | 21.66           | 7.3                                      | 13.45       | 15.68        | 19.41   | 25.61   | 33.52   |
| Forestry and conservation scientists .....              | 20.34           | 3.5                                      | 13.72       | 20.50        | 20.50   | 20.50   | 22.79   |
| Medical scientists .....                                | 23.14           | 4.8                                      | 11.98       | 15.66        | 22.79   | 27.97   | 34.37   |
| Health related .....                                    | 22.56           | 1.0                                      | 14.63       | 17.08        | 20.05   | 24.44   | 30.70   |
| Physicians .....  | 38.55           | 5.4                                      | 12.75       | 17.09        | 21.86   | 56.79   | 72.12   |
| Dentists .....  | 34.36           | 8.6                                      | 22.00       | 30.00        | 35.48   | 38.03   | 46.74   |
| Optometrists .....                                      | 38.60           | 6.1                                      | 30.29       | 33.58        | 38.63   | 44.26   | 46.38   |
| Health diagnosing practitioners, n.e.c. ....            | 19.82           | 12.7                                     | 13.70       | 14.42        | 16.45   | 24.85   | 27.39   |
| Registered nurses .....                                 | 20.86           | .7                                       | 14.94       | 17.10        | 19.95   | 23.32   | 27.99   |
| Pharmacists .....                                       | 27.35           | 1.9                                      | 20.34       | 24.45        | 27.11   | 30.16   | 33.30   |
| Dietitians .....  | 16.70           | 1.8                                      | 12.64       | 14.17        | 16.69   | 19.09   | 20.60   |
| Respiratory therapists .....                            | 17.76           | 1.6                                      | 13.91       | 15.28        | 17.30   | 19.81   | 22.38   |
| Occupational therapists .....                           | 23.08           | 2.9                                      | 13.94       | 18.51        | 22.68   | 26.59   | 30.00   |
| Physical therapists .....                               | 23.92           | 2.3                                      | 18.29       | 20.00        | 22.77   | 26.85   | 30.41   |
| Speech therapists .....                                 | 23.46           | 6.6                                      | 10.09       | 18.13        | 22.92   | 28.17   | 34.25   |
| Therapists, n.e.c. ....                                 | 16.51           | 3.1                                      | 11.51       | 12.94        | 15.02   | 19.09   | 24.55   |
| Physicians' assistants .....                            | 26.36           | 4.1                                      | 10.38       | 22.39        | 27.71   | 31.48   | 36.92   |
| Teachers, college and university .....                  | 33.82           | 1.5                                      | 18.49       | 24.10        | 30.30   | 40.60   | 52.72   |
| Earth, environmental, and marine science teachers ..... | 33.84           | 10.4                                     | 21.59       | 23.06        | 32.21   | 32.57   | 57.36   |
| Biological science teachers .....                       | 33.80           | 8.1                                      | 20.78       | 25.94        | 29.54   | 38.76   | 51.77   |
| Chemistry teachers .....                                | 31.61           | 7.3                                      | 23.99       | 26.89        | 27.16   | 34.18   | 42.11   |
| Physics teachers .....                                  | 47.49           | 7.0                                      | 32.94       | 38.36        | 44.36   | 56.63   | 64.71   |
| Natural science teachers, n.e.c. ....                   | 38.48           | 6.3                                      | 22.00       | 30.50        | 35.21   | 51.98   | 52.33   |
| Psychology teachers .....                               | 32.26           | 6.4                                      | 20.88       | 24.16        | 27.82   | 38.52   | 54.23   |
| Economics teachers .....                                | 46.28           | 11.2                                     | 30.06       | 38.56        | 54.33   | 55.77   | 55.77   |
| History teachers .....                                  | 32.36           | 5.4                                      | 19.38       | 25.03        | 30.50   | 39.57   | 46.56   |
| Political science teachers .....                        | 33.60           | 6.2                                      | 22.89       | 26.24        | 28.58   | 42.02   | 48.82   |
| Sociology teachers .....                                | 36.75           | 8.3                                      | 26.00       | 29.00        | 38.51   | 41.54   | 48.23   |

See footnotes at end of table.

Supplementary table 1.1. **United States, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> all workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>   | All workers     |  |             |              |         |         |         |
|---|-----------------|--|-------------|--------------|---------|---------|---------|
|   | Hourly earnings |  |             |              |         |         |         |
|   | Mean            | Relative error <sup>5</sup><br>(percent) | Percentiles |              |         |         |         |
| 10  |                 |  | 25          | Median<br>50 | 75      | 90      |         |
| <b>White collar –Continued</b>  |                 |  |             |              |         |         |         |
| <b>Professional specialty and technical –Continued</b>                      |                 |  |             |              |         |         |         |
| Professional specialty –Continued   |                 |  |             |              |         |         |         |
| Teachers, college and university –Continued                                 |                 |  |             |              |         |         |         |
| Social science teachers, n.e.c. ....  | \$32.95         | 7.2                                      | \$21.91     | \$29.02      | \$29.02 | \$36.71 | \$50.78 |
| Engineering teachers .....  | 38.51           | 12.0                                     | 20.19       | 27.42        | 33.70   | 43.91   | 65.06   |
| Mathematical science teachers .....   | 33.59           | 6.2                                      | 15.82       | 25.93        | 31.99   | 42.72   | 48.78   |
| Computer science teachers .....   | 25.48           | 11.3                                     | 20.00       | 20.00        | 21.22   | 30.91   | 40.13   |
| Medical science teachers .....  | 44.51           | 5.8                                      | 21.54       | 28.43        | 36.46   | 52.20   | 69.34   |
| Health specialties teachers .....   | 33.96           | 7.5                                      | 20.00       | 23.58        | 29.96   | 41.93   | 50.47   |
| Business, commerce, and marketing teachers .....                            | 35.50           | 6.5                                      | 23.02       | 28.16        | 31.54   | 41.67   | 51.77   |
| Agriculture and forestry teachers .....                                     | 42.82           | 26.4                                     | 15.74       | 19.88        | 35.80   | 63.84   | 73.90   |
| Art, drama, and music teachers .....  | 29.29           | 2.9                                      | 18.80       | 21.30        | 28.18   | 35.13   | 41.90   |
| Physical education teachers .....   | 25.28           | 8.7                                      | 7.27        | 20.73        | 24.13   | 33.87   | 43.00   |
| Education teachers .....  | 31.19           | 9.1                                      | 11.74       | 22.09        | 29.62   | 39.41   | 47.96   |
| English teachers .....  | 32.60           | 4.8                                      | 18.60       | 24.05        | 28.74   | 40.95   | 49.65   |
| Foreign language teachers .....   | 26.29           | 13.4                                     | 14.58       | 15.48        | 25.09   | 33.65   | 44.75   |
| Law teachers .....  | 58.19           | 8.2                                      | 23.11       | 44.47        | 54.36   | 71.69   | 91.92   |
| Social work teachers .....  | 25.91           | 7.4                                      | 16.03       | 22.37        | 26.46   | 29.26   | 32.11   |
| Theology teachers .....   | 35.46           | 4.2                                      | 25.77       | 28.76        | 33.58   | 39.28   | 46.15   |
| Trade and industrial teachers .....   | 27.22           | 3.3                                      | 20.28       | 23.21        | 27.37   | 30.89   | 35.47   |
| Home economics teachers .....   | 29.92           | 14.9                                     | 19.87       | 24.36        | 26.46   | 43.28   | 45.31   |
| Teachers, post secondary, subject not specified .....                       | 33.48           | 7.2                                      | 16.82       | 22.37        | 30.54   | 40.52   | 54.92   |
| Teachers, post secondary, n.e.c. ....                                       | 31.26           | 1.9                                      | 16.38       | 21.95        | 28.62   | 37.51   | 48.43   |
| Teachers, except college and university .....                               | 26.82           | .8                                       | 15.75       | 19.95        | 25.48   | 32.59   | 40.19   |
| Prekindergarten and kindergarten .....                                      | 21.09           | 3.9                                      | 8.57        | 11.45        | 20.47   | 27.57   | 34.31   |
| Elementary school teachers .....  | 27.72           | .9                                       | 17.66       | 21.02        | 25.99   | 32.90   | 40.38   |
| Secondary school teachers .....   | 27.86           | 1.2                                      | 17.97       | 20.99        | 26.23   | 32.63   | 39.98   |
| Teachers, special education .....   | 28.18           | 1.9                                      | 17.15       | 20.96        | 26.74   | 34.33   | 40.54   |
| Teachers, n.e.c. ....   | 26.51           | 2.6                                      | 13.05       | 18.33        | 24.98   | 33.93   | 42.29   |
| Substitute teachers .....   | 10.00           | 3.5                                      | 6.67        | 7.50         | 9.38    | 10.83   | 15.52   |
| Vocational and educational counselors .....                                 | 24.78           | 3.8                                      | 11.93       | 15.88        | 23.94   | 32.00   | 39.77   |
| Librarians, archivists, and curators .....                                  | 21.39           | 2.2                                      | 12.25       | 15.42        | 19.92   | 25.80   | 32.38   |
| Librarians .....  | 21.53           | 2.3                                      | 12.25       | 15.68        | 20.17   | 26.07   | 32.38   |
| Archivists and curators .....   | 20.33           | 7.7                                      | 12.04       | 14.47        | 18.27   | 22.60   | 35.26   |
| Social scientists and urban planners .....                                  | 23.65           | 3.0                                      | 13.38       | 16.33        | 22.20   | 29.05   | 36.37   |
| Economists .....  | 25.93           | 3.8                                      | 14.86       | 18.23        | 24.92   | 31.82   | 37.78   |
| Psychologists .....   | 23.81           | 5.0                                      | 13.34       | 16.13        | 22.23   | 28.83   | 37.72   |
| Sociologists .....  | 17.54           | 3.2                                      | 14.66       | 14.74        | 16.32   | 20.24   | 21.74   |
| Social scientists, n.e.c. ....  | 16.66           | 10.9                                     | 9.83        | 11.69        | 12.72   | 20.58   | 25.08   |
| Urban planners .....  | 22.08           | 3.5                                      | 15.03       | 18.34        | 21.96   | 25.64   | 29.48   |
| Social, recreation, and religious workers .....                             | 15.87           | 1.3                                      | 10.34       | 12.10        | 14.78   | 18.64   | 22.89   |
| Social workers .....  | 16.06           | 1.3                                      | 10.65       | 12.27        | 14.87   | 18.74   | 22.96   |
| Recreation workers .....  | 13.11           | 3.7                                      | 8.15        | 9.81         | 12.25   | 16.48   | 19.00   |
| Clergy .....  | 15.21           | 15.8                                     | 5.05        | 7.21         | 15.07   | 21.63   | 23.55   |
| Religious workers, n.e.c. ....  | 20.55           | 15.8                                     | 8.50        | 14.79        | 22.06   | 26.30   | 31.73   |
| Lawyers and judges .....  | 36.62           | 2.4                                      | 19.83       | 25.26        | 34.13   | 44.72   | 54.62   |
| Lawyers .....   | 36.30           | 2.6                                      | 19.78       | 25.09        | 33.46   | 42.81   | 54.62   |
| Judges .....  | 42.18           | 7.0                                      | 20.19       | 37.31        | 46.20   | 48.65   | 52.16   |
| Writers, authors, entertainers, athletes, and professionals,<br>n.e.c. .... | 23.92           | 3.8                                      | 11.31       | 15.00        | 19.90   | 27.61   | 37.64   |
| Technical writers .....   | 21.50           | 6.8                                      | 14.42       | 16.25        | 18.80   | 23.61   | 29.67   |
| Designers .....   | 22.27           | 3.9                                      | 12.50       | 15.93        | 20.50   | 27.09   | 34.66   |
| Musicians and composers .....   | 36.96           | 20.4                                     | 12.82       | 17.00        | 24.61   | 56.09   | 74.02   |
| Actors and directors .....  | 33.29           | 21.2                                     | 7.50        | 12.60        | 19.23   | 42.05   | 90.00   |
| Painters, sculptors, craft artists, and artist printmakers .....            | 25.94           | 23.5                                     | 10.00       | 12.58        | 16.56   | 22.77   | 45.67   |
| Photographers .....   | 17.11           | 7.1                                      | 9.00        | 11.44        | 16.36   | 20.30   | 26.09   |
| Artists, performers, and related workers, n.e.c. ....                       | 13.30           | 9.6                                      | 6.00        | 8.22         | 10.84   | 15.75   | 23.44   |
| Editors and reporters .....   | 23.14           | 4.9                                      | 11.72       | 15.03        | 19.00   | 26.31   | 38.44   |
| Public relations specialists .....  | 20.57           | 4.9                                      | 11.40       | 14.42        | 19.55   | 23.68   | 33.19   |
| Announcers .....  | 22.52           | 21.9                                     | 8.66        | 10.00        | 12.50   | 24.52   | 36.01   |
| Athletes .....  | 33.28           | 40.1                                     | 6.87        | 10.58        | 15.50   | 25.40   | 33.20   |

See footnotes at end of table.

Supplementary table 1.1. **United States, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> all workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>  | All workers     |                                       |             |           |         |         |         |
|--|-----------------|---------------------------------------|-------------|-----------|---------|---------|---------|
|  | Hourly earnings |                                       |             |           |         |         |         |
|  | Mean            | Relative error <sup>5</sup> (percent) | Percentiles |           |         |         |         |
| 10   |                 |                                       | 25          | Median 50 | 75      | 90      |         |
| <b>White collar –Continued</b>   |                 |                                       |             |           |         |         |         |
| <b>Professional specialty and technical –Continued</b>                         |                 |                                       |             |           |         |         |         |
| Professional specialty –Continued  |                 |                                       |             |           |         |         |         |
| Writers, authors, entertainers, athletes, and professionals, n.e.c. –Continued |                 |                                       |             |           |         |         |         |
| Professional, n.e.c. ....  | \$25.63         | 3.1                                   | \$14.45     | \$18.04   | \$24.04 | \$31.73 | \$39.28 |
| Technical  |                 |                                       |             |           |         |         |         |
| Clinical laboratory technologists and technicians .....                        | 17.83           | 1.2                                   | 10.07       | 12.27     | 15.72   | 20.08   | 24.87   |
| Dental hygienists .....  | 15.39           | 1.7                                   | 9.37        | 11.49     | 15.07   | 18.65   | 21.72   |
| Health record technologists and technicians .....                              | 19.86           | 8.2                                   | 13.67       | 16.10     | 20.91   | 23.61   | 24.03   |
| Radiological technicians .....   | 12.17           | 3.6                                   | 8.56        | 9.77      | 10.96   | 15.02   | 17.33   |
| Licensed practical nurses .....  | 16.91           | 1.7                                   | 11.90       | 13.83     | 16.38   | 19.26   | 22.51   |
| Health technologists and technicians, n.e.c. ....                              | 12.98           | .9                                    | 9.60        | 10.98     | 12.74   | 14.63   | 16.61   |
| Electrical and electronic technicians .....                                    | 13.35           | 1.2                                   | 8.37        | 10.33     | 12.73   | 15.59   | 18.41   |
| Industrial engineering technicians .....                                       | 18.35           | 1.8                                   | 11.65       | 14.93     | 18.35   | 21.69   | 25.00   |
| Mechanical engineering technicians .....                                       | 18.71           | 4.6                                   | 12.80       | 15.77     | 21.01   | 21.10   | 23.03   |
| Engineering technicians, n.e.c. ....   | 19.24           | 4.0                                   | 12.23       | 15.34     | 19.50   | 23.22   | 25.28   |
| Drafters .....   | 18.80           | 1.6                                   | 11.95       | 15.00     | 18.75   | 21.67   | 25.75   |
| Surveying and mapping technicians .....  | 18.71           | 3.9                                   | 11.69       | 13.93     | 17.04   | 21.92   | 29.10   |
| Biological technicians .....   | 15.92           | 5.6                                   | 9.58        | 11.60     | 15.14   | 19.46   | 22.62   |
| Chemical technicians .....   | 15.13           | 4.4                                   | 9.02        | 11.54     | 14.87   | 18.54   | 21.41   |
| Science technicians, n.e.c. ....   | 17.11           | 2.3                                   | 12.08       | 13.89     | 16.16   | 20.97   | 22.42   |
| Airplane pilots and navigators .....   | 18.18           | 3.2                                   | 11.98       | 14.56     | 17.80   | 22.41   | 23.31   |
| Broadcast equipment operators .....  | 79.22           | 9.4                                   | 19.00       | 27.80     | 53.51   | 118.84  | 169.18  |
| Computer programmers .....   | 17.82           | 11.0                                  | 6.80        | 9.80      | 16.17   | 25.23   | 32.10   |
| Tool programmers, numerical control .....                                      | 22.06           | 1.9                                   | 14.48       | 17.32     | 21.18   | 25.71   | 30.66   |
| Legal assistants .....   | 17.32           | 4.7                                   | 14.29       | 15.11     | 15.11   | 18.10   | 23.56   |
| Technical and related, n.e.c. ....   | 17.19           | 2.6                                   | 11.75       | 14.48     | 16.87   | 19.23   | 22.61   |
|  | 18.60           | 1.7                                   | 10.88       | 13.70     | 17.51   | 22.13   | 26.77   |
| <b>Executive, administrative, and managerial</b>                               |                 |                                       |             |           |         |         |         |
| Executives, administrators, and managers .....                                 | 27.78           | .7                                    | 14.29       | 18.23     | 24.51   | 33.41   | 44.25   |
| Legislators .....  | 31.73           | .9                                    | 15.86       | 21.15     | 28.84   | 38.12   | 48.56   |
| Chief executives and general administrators, public administration .....       | 15.09           | 13.3                                  | 3.46        | 4.38      | 8.00    | 23.08   | 28.22   |
| Administrators and officials, public administration .....                      | 60.36           | 32.1                                  | 26.44       | 35.65     | 43.29   | 46.51   | 57.69   |
| Financial managers .....   | 25.80           | 1.7                                   | 15.60       | 19.87     | 24.75   | 29.28   | 37.59   |
| Personnel and labor relations managers .....                                   | 32.82           | 2.3                                   | 17.31       | 21.81     | 28.30   | 38.39   | 51.96   |
| Purchasing managers .....  | 32.18           | 3.1                                   | 17.31       | 21.63     | 30.53   | 39.70   | 45.26   |
| Managers, marketing, advertising, and public relations .....                   | 28.91           | 3.4                                   | 15.35       | 20.21     | 29.92   | 33.85   | 41.21   |
| Administrators, education and related fields .....                             | 35.26           | 2.0                                   | 17.20       | 24.04     | 33.77   | 43.54   | 54.91   |
| Managers, medicine and health .....  | 31.96           | 1.7                                   | 18.16       | 23.95     | 31.21   | 38.09   | 46.21   |
| Managers, food servicing and lodging establishments ..                         | 29.33           | 2.3                                   | 17.30       | 21.13     | 26.19   | 34.08   | 44.45   |
| Managers, properties and real estate .....                                     | 18.24           | 3.3                                   | 10.94       | 13.12     | 16.13   | 20.67   | 28.63   |
| Funeral directors .....  | 23.18           | 8.9                                   | 11.11       | 14.03     | 20.77   | 28.47   | 43.05   |
| Managers, service organizations, n.e.c. ....                                   | 25.26           | 14.3                                  | 14.96       | 21.18     | 21.18   | 31.25   | 38.46   |
| Managers and administrators, n.e.c. ....                                       | 23.33           | 11.6                                  | 10.44       | 12.80     | 19.19   | 28.81   | 38.97   |
| Management related .....   | 34.38           | 1.4                                   | 18.03       | 23.08     | 30.88   | 40.52   | 51.92   |
| Accountants and auditors .....   | 21.88           | .8                                    | 13.04       | 16.06     | 20.06   | 25.42   | 32.09   |
| Underwriters .....   | 20.38           | 1.8                                   | 13.00       | 15.90     | 19.15   | 23.72   | 28.85   |
| Other financial officers .....   | 25.67           | 5.0                                   | 13.31       | 17.26     | 21.97   | 32.42   | 44.19   |
| Management analysts .....  | 24.80           | 3.4                                   | 13.46       | 16.59     | 21.43   | 27.88   | 39.97   |
| Personnel, training, and labor relations specialists .....                     | 23.54           | 2.1                                   | 14.62       | 17.30     | 22.69   | 28.40   | 33.09   |
| Purchasing agents and buyers, farm products .....                              | 21.11           | 2.3                                   | 12.55       | 15.39     | 19.71   | 24.62   | 32.09   |
| Buyers, wholesale and retail trade, except farm products .....                 | 18.92           | 9.5                                   | 10.00       | 14.68     | 19.00   | 23.55   | 26.39   |
| Purchasing agents and buyers, n.e.c. ....                                      | 23.20           | 5.8                                   | 12.98       | 15.64     | 20.79   | 27.00   | 32.45   |
| Business and promotional agents .....  | 21.84           | 2.2                                   | 13.49       | 15.98     | 20.44   | 25.27   | 34.72   |
| Construction inspectors .....  | 17.79           | 5.7                                   | 11.72       | 14.98     | 17.34   | 19.23   | 22.30   |
| Inspectors and compliance officers, except construction .....                  | 19.97           | 3.4                                   | 13.17       | 15.48     | 18.92   | 23.99   | 27.74   |
| Management related, n.e.c. ....  | 19.23           | 3.5                                   | 12.54       | 14.92     | 18.54   | 22.79   | 27.11   |
|  | 22.31           | 1.2                                   | 13.20       | 16.24     | 20.62   | 25.70   | 32.78   |

See footnotes at end of table.

Supplementary table 1.1. **United States, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> all workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>  | All workers     |  |             |              |        |         |         |
|--|-----------------|--|-------------|--------------|--------|---------|---------|
|  | Hourly earnings |  |             |              |        |         |         |
|  | Mean            | Relative error <sup>5</sup><br>(percent) | Percentiles |              |        |         |         |
| 10   |                 |  | 25          | Median<br>50 | 75     | 90      |         |
| <b>White collar –Continued</b>                                       |                 |  |             |              |        |         |         |
| <b>Sales</b> .....   | \$13.28         | 3.6                                      | \$5.75      | \$6.90       | \$9.06 | \$15.02 | \$25.00 |
| Supervisors, sales .....   | 20.02           | 4.0                                      | 9.00        | 11.40        | 15.63  | 23.00   | 34.32   |
| Insurance sales .....  | 21.59           | 14.1                                     | 8.83        | 11.54        | 15.81  | 23.54   | 33.85   |
| Real estate sales .....  | 35.63           | 18.1                                     | 11.26       | 13.52        | 25.67  | 46.22   | 67.16   |
| Securities and financial services sales .....                        | 37.13           | 9.6                                      | 11.41       | 14.09        | 24.00  | 49.00   | 71.99   |
| Advertising and related sales .....                                  | 19.62           | 6.4                                      | 10.04       | 11.76        | 16.30  | 24.10   | 31.74   |
| Sales, other business services .....                                 | 19.42           | 5.6                                      | 8.00        | 10.87        | 15.29  | 22.45   | 32.65   |
| Sales engineers .....  | 27.46           | 4.4                                      | 17.35       | 21.59        | 25.67  | 33.24   | 38.49   |
| Sales representatives, mining, manufacturing, and<br>wholesale ..... | 24.77           | 3.1                                      | 11.80       | 15.29        | 21.03  | 29.22   | 40.38   |
| Sales workers, motor vehicles and boats .....                        | 18.96           | 3.1                                      | 6.81        | 9.73         | 15.01  | 23.45   | 36.20   |
| Sales workers, apparel .....   | 8.28            | 4.0                                      | 5.50        | 6.05         | 7.00   | 8.69    | 11.25   |
| Sales workers, shoes .....   | 9.65            | 6.6                                      | 5.65        | 6.39         | 8.00   | 11.80   | 16.58   |
| Sales workers, furniture and home furnishings .....                  | 11.02           | 11.3                                     | 5.42        | 6.50         | 8.38   | 12.24   | 20.96   |
| Sales workers, radio, tv, hi-fi, and appliances .....                | 10.18           | 6.3                                      | 5.75        | 6.50         | 8.00   | 11.52   | 16.81   |
| Sales workers, hardware and building supplies .....                  | 10.95           | 5.3                                      | 6.92        | 7.75         | 9.36   | 11.80   | 16.07   |
| Sales workers, parts .....   | 14.38           | 4.6                                      | 7.35        | 9.61         | 13.10  | 18.24   | 22.91   |
| Sales workers, other commodities .....                               | 9.69            | 2.1                                      | 5.50        | 6.22         | 7.75   | 10.46   | 15.23   |
| Sales counter clerks .....   | 8.15            | 3.1                                      | 5.50        | 6.10         | 7.50   | 9.25    | 11.90   |
| Cashiers .....   | 7.80            | 1.3                                      | 5.45        | 6.00         | 7.50   | 8.52    | 10.60   |
| Street and door-to-door sales workers .....                          | 12.96           | 11.6                                     | 5.75        | 6.86         | 10.00  | 17.31   | 22.38   |
| News vendors .....   | 7.78            | 11.7                                     | 5.15        | 5.78         | 6.57   | 9.80    | 13.00   |
| Demonstrators, promoters, and models, sales .....                    | 9.69            | 7.7                                      | 6.00        | 6.74         | 8.00   | 11.15   | 14.91   |
| Sales support, n.e.c. ....   | 12.69           | 3.1                                      | 6.50        | 8.00         | 11.31  | 15.43   | 20.35   |
| <b>Administrative support, including clerical</b> .....              | 12.00           | .5                                       | 7.50        | 9.00         | 11.27  | 14.25   | 17.50   |
| Supervisors, general office .....                                    | 16.78           | 1.4                                      | 11.80       | 13.51        | 15.95  | 19.18   | 22.82   |
| Supervisors, computer equipment operators .....                      | 20.72           | 3.5                                      | 14.86       | 16.89        | 21.00  | 23.33   | 26.79   |
| Supervisors, financial records processing .....                      | 17.81           | 1.8                                      | 12.36       | 14.25        | 16.90  | 19.70   | 25.14   |
| Chief communications operators .....                                 | 16.89           | 6.5                                      | 10.27       | 12.28        | 17.11  | 18.43   | 26.54   |
| Supervisors, distribution, scheduling, and adjusting<br>clerks ..... | 17.67           | 3.0                                      | 11.00       | 13.53        | 16.83  | 21.22   | 25.00   |
| Computer operators .....   | 14.08           | 1.8                                      | 9.72        | 11.35        | 13.46  | 16.54   | 19.27   |
| Peripheral equipment operators .....                                 | 10.27           | 3.5                                      | 7.62        | 8.94         | 9.06   | 11.91   | 13.75   |
| Secretaries .....  | 13.39           | .7                                       | 8.88        | 10.57        | 12.95  | 15.63   | 18.39   |
| Stenographers .....  | 14.15           | 2.6                                      | 9.19        | 10.61        | 12.92  | 15.67   | 19.58   |
| Typists .....  | 11.91           | 1.4                                      | 8.70        | 9.66         | 11.50  | 13.58   | 15.62   |
| Interviewers .....   | 9.86            | 1.8                                      | 6.85        | 8.01         | 9.61   | 11.35   | 13.31   |
| Hotel clerks .....   | 8.58            | 3.5                                      | 6.28        | 6.90         | 8.00   | 9.44    | 12.02   |
| Transportation ticket and reservation agents .....                   | 11.69           | 9.9                                      | 5.66        | 7.50         | 10.23  | 17.17   | 18.34   |
| Receptionists .....  | 9.22            | 1.1                                      | 6.75        | 7.55         | 8.93   | 10.40   | 12.25   |
| Information clerks, n.e.c. ....                                      | 11.77           | 3.2                                      | 7.93        | 9.07         | 10.78  | 13.49   | 16.44   |
| Classified ad clerks .....   | 10.38           | 12.9                                     | 5.70        | 5.70         | 9.45   | 13.57   | 18.15   |
| Correspondence clerks .....  | 11.94           | 3.3                                      | 8.07        | 9.10         | 11.08  | 14.22   | 16.68   |
| Order clerks .....   | 11.94           | 2.2                                      | 7.32        | 9.00         | 11.07  | 14.06   | 18.12   |
| Personnel clerks, except payroll and timekeeping .....               | 12.71           | 1.8                                      | 8.40        | 9.85         | 12.13  | 15.06   | 18.18   |
| Library clerks .....   | 10.48           | 1.9                                      | 6.99        | 8.14         | 10.27  | 12.25   | 14.39   |
| File clerks .....  | 9.08            | 1.6                                      | 6.90        | 7.48         | 8.50   | 10.29   | 12.39   |
| Records clerks, n.e.c. ....  | 11.07           | 1.2                                      | 7.28        | 8.69         | 10.50  | 13.00   | 15.44   |
| Bookkeepers, accounting and auditing clerks .....                    | 11.74           | .8                                       | 8.00        | 9.55         | 11.50  | 13.33   | 15.87   |
| Payroll and timekeeping clerks .....                                 | 12.62           | 1.8                                      | 8.71        | 10.03        | 12.20  | 14.42   | 17.33   |
| Billing clerks .....   | 11.00           | 1.5                                      | 8.06        | 9.02         | 10.48  | 12.69   | 14.43   |
| Cost and rate clerks .....   | 11.76           | 6.8                                      | 6.37        | 9.16         | 11.06  | 14.75   | 17.40   |
| Billing, posting, and calculating machine operators .....            | 10.15           | 5.1                                      | 6.77        | 7.64         | 9.13   | 11.64   | 15.17   |
| Duplicating machine operators .....                                  | 9.52            | 2.4                                      | 7.32        | 7.90         | 8.95   | 10.53   | 12.52   |
| Mail preparing and paper handling machine operators .....            | 9.36            | 5.0                                      | 6.67        | 7.50         | 9.06   | 10.12   | 13.32   |
| Office machine operators, n.e.c. ....                                | 8.71            | 4.6                                      | 6.00        | 7.30         | 8.12   | 10.02   | 12.04   |
| Telephone operators .....  | 11.48           | 3.5                                      | 6.65        | 8.12         | 10.76  | 15.25   | 16.76   |
| Communications equipment operators, n.e.c. ....                      | 10.41           | 3.9                                      | 7.32        | 8.40         | 11.05  | 12.05   | 12.37   |
| Mail clerks, except postal service .....                             | 9.10            | 3.0                                      | 6.25        | 7.12         | 8.64   | 10.04   | 12.47   |
| Messengers .....   | 8.92            | 6.8                                      | 5.15        | 6.98         | 8.45   | 10.33   | 12.88   |

See footnotes at end of table.

Supplementary table 1.1. **United States, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> all workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>  | All workers     |                                       |             |             |              |              |              |
|--|-----------------|---------------------------------------|-------------|-------------|--------------|--------------|--------------|
|  | Hourly earnings |                                       |             |             |              |              |              |
|  | Mean            | Relative error <sup>5</sup> (percent) | Percentiles |             |              |              |              |
| 10   |                 |                                       | 25          | Median 50   | 75           | 90           |              |
| <b>White collar –Continued</b>                                       |                 |                                       |             |             |              |              |              |
| <b>Administrative support, including clerical –Continued</b>         |                 |                                       |             |             |              |              |              |
| Dispatchers .....  | \$12.92         | 3.7                                   | \$7.50      | \$9.13      | \$11.84      | \$15.69      | \$19.05      |
| Production coordinators .....  | 14.69           | 1.8                                   | 9.90        | 11.59       | 13.83        | 16.80        | 21.28        |
| Traffic, shipping and receiving clerks .....                         | 11.50           | 3.0                                   | 7.61        | 8.90        | 10.61        | 13.63        | 18.03        |
| Stock and inventory clerks .....                                     | 11.27           | 1.5                                   | 7.00        | 8.26        | 10.59        | 13.75        | 16.30        |
| Meter readers .....  | 15.08           | 3.9                                   | 9.82        | 11.61       | 15.45        | 18.37        | 19.75        |
| Weighers, measurers, checkers, and samplers .....                    | 12.73           | 5.7                                   | 7.29        | 8.74        | 12.03        | 16.87        | 20.31        |
| Expeditors .....   | 13.12           | 3.0                                   | 8.50        | 10.58       | 12.36        | 15.58        | 18.27        |
| Material recording, scheduling, and distribution clerks, n.e.c. .... | 11.79           | 3.3                                   | 6.25        | 8.14        | 10.47        | 15.14        | 19.53        |
| Insurance adjusters, examiners, and investigators .....              | 14.96           | 2.9                                   | 9.58        | 11.28       | 13.67        | 16.90        | 21.69        |
| Investigators and adjusters, except insurance .....                  | 12.61           | 2.6                                   | 8.00        | 9.39        | 11.76        | 15.20        | 19.22        |
| Eligibility clerks, social welfare .....                             | 13.02           | 2.1                                   | 9.14        | 10.81       | 13.39        | 14.52        | 17.07        |
| Bill and account collectors .....                                    | 11.65           | 2.7                                   | 8.13        | 9.06        | 10.91        | 13.45        | 16.41        |
| General office clerks .....  | 11.25           | .8                                    | 7.47        | 8.74        | 10.77        | 13.23        | 15.74        |
| Bank tellers .....   | 8.97            | 1.4                                   | 6.97        | 7.60        | 8.53         | 9.78         | 11.54        |
| Proofreaders .....   | 12.53           | 13.2                                  | 6.54        | 8.35        | 12.12        | 18.25        | 18.41        |
| Data entry keyers .....  | 10.04           | 1.4                                   | 7.00        | 8.19        | 9.51         | 11.68        | 13.47        |
| Statistical clerks .....   | 11.56           | 3.9                                   | 7.69        | 9.00        | 11.03        | 13.84        | 16.90        |
| Teachers' aides .....  | 9.52            | 1.8                                   | 6.60        | 7.52        | 8.82         | 10.81        | 13.74        |
| Administrative support, n.e.c. ....                                  | 12.06           | 1.7                                   | 7.61        | 9.23        | 11.36        | 14.35        | 17.26        |
| <b>Blue collar .....</b>   | <b>12.90</b>    | <b>.6</b>                             | <b>6.74</b> | <b>8.55</b> | <b>11.73</b> | <b>16.25</b> | <b>20.82</b> |
| <b>Precision production, craft, and repair .....</b>                 |                 |                                       |             |             |              |              |              |
| Supervisors, mechanics and repairers .....                           | 21.96           | 1.7                                   | 14.13       | 17.31       | 21.23        | 25.86        | 30.15        |
| Automobile mechanics .....   | 17.25           | 2.7                                   | 10.64       | 13.34       | 16.28        | 20.22        | 24.50        |
| Automobile mechanic apprentices .....                                | 10.43           | 6.0                                   | 6.76        | 7.71        | 10.66        | 12.73        | 13.06        |
| Bus, truck, and stationary engine mechanics .....                    | 15.45           | 1.9                                   | 10.00       | 12.50       | 15.50        | 17.74        | 20.94        |
| Aircraft engine mechanics .....                                      | 21.79           | 3.2                                   | 15.11       | 17.39       | 23.16        | 25.23        | 27.39        |
| Small engine repairs .....   | 12.25           | 6.1                                   | 9.50        | 10.50       | 11.64        | 15.44        | 15.64        |
| Automobile body and related repairers .....                          | 16.55           | 5.1                                   | 10.40       | 11.81       | 15.00        | 18.46        | 26.63        |
| Aircraft mechanics, except engine .....                              | 19.28           | 2.4                                   | 13.28       | 16.42       | 19.05        | 22.64        | 24.15        |
| Heavy equipment mechanics .....                                      | 17.28           | 3.1                                   | 11.50       | 13.06       | 17.35        | 20.37        | 23.99        |
| Farm equipment mechanics .....                                       | 14.58           | 10.6                                  | 10.02       | 11.00       | 13.77        | 16.85        | 22.47        |
| Industrial machinery repairers .....                                 | 16.58           | 1.9                                   | 11.22       | 13.31       | 16.12        | 19.71        | 23.33        |
| Machinery maintenance .....  | 13.51           | 2.6                                   | 9.05        | 10.08       | 13.50        | 15.36        | 19.42        |
| Electronic repairers, communications and industrial equipment .....  | 17.57           | 3.6                                   | 10.01       | 12.54       | 17.48        | 22.51        | 25.08        |
| Data processing equipment repairers .....                            | 16.57           | 3.3                                   | 10.39       | 13.61       | 17.31        | 19.68        | 21.88        |
| Household appliance and power tool repairers .....                   | 16.77           | 6.1                                   | 10.00       | 11.88       | 17.27        | 20.38        | 24.31        |
| Telephone line installers and repairers .....                        | 19.28           | 3.0                                   | 12.48       | 18.46       | 20.58        | 22.30        | 22.75        |
| Telephone installers and repairers .....                             | 18.00           | 1.8                                   | 11.42       | 14.70       | 19.17        | 21.00        | 22.35        |
| Heating, air conditioning, and refrigeration mechanics ..            | 16.16           | 2.3                                   | 10.98       | 13.00       | 15.96        | 18.50        | 22.10        |
| Camera, watch, and musical instrument repairers .....                | 16.47           | 14.1                                  | 8.41        | 11.58       | 15.84        | 21.01        | 22.89        |
| Locksmiths and safe repairers .....                                  | 17.30           | 4.8                                   | 12.21       | 16.81       | 16.81        | 20.33        | 20.77        |
| Office machine repairers .....                                       | 16.09           | 5.0                                   | 10.40       | 12.35       | 15.85        | 19.98        | 22.33        |
| Mechanical controls and valve repairers .....                        | 18.11           | 4.0                                   | 11.00       | 14.57       | 18.34        | 21.93        | 24.53        |
| Elevator installers and repairers .....                              | 19.27           | 23.4                                  | 10.00       | 11.00       | 20.33        | 28.65        | 28.65        |
| Millwrights .....  | 19.06           | 5.5                                   | 13.24       | 15.15       | 20.49        | 22.90        | 23.40        |
| Mechanics and repairers, n.e.c. ....                                 | 15.62           | 1.4                                   | 9.50        | 11.84       | 15.21        | 19.24        | 22.35        |
| Supervisors, brickmasons, stonemasons, and tilesetters .....         | 18.44           | 5.3                                   | 13.07       | 13.92       | 18.00        | 23.00        | 25.99        |
| Supervisors, carpenters and related workers .....                    | 21.04           | 5.8                                   | 14.25       | 16.75       | 21.05        | 26.09        | 27.13        |
| Supervisors, electricians and power transmission installers .....    | 22.78           | 4.8                                   | 15.00       | 17.00       | 20.76        | 27.87        | 32.76        |
| Supervisors, painters, paperhangers, and plasterers .....            | 18.30           | 2.3                                   | 15.90       | 17.58       | 18.00        | 20.00        | 20.50        |
| Supervisors, plumbers, pipefitters, and steamfitters .....           | 23.27           | 6.6                                   | 12.89       | 17.17       | 26.50        | 28.52        | 30.65        |
| Supervisors, construction trades, n.e.c. ....                        | 18.58           | 3.1                                   | 11.00       | 14.38       | 17.86        | 22.24        | 26.96        |
| Brickmasons and stonemasons .....                                    | 16.56           | 5.5                                   | 9.15        | 15.13       | 16.18        | 18.10        | 23.53        |
| Brickmason and stonemason apprentices .....                          | 12.73           | 9.6                                   | 8.50        | 9.64        | 11.68        | 16.00        | 18.75        |

See footnotes at end of table.

Supplementary table 1.1. **United States, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> all workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>  | All workers     |  |             |              |         |         |         |
|--|-----------------|--|-------------|--------------|---------|---------|---------|
|  | Hourly earnings |  |             |              |         |         |         |
|  | Mean            | Relative error <sup>5</sup><br>(percent) | Percentiles |              |         |         |         |
| 10   |                 |  | 25          | Median<br>50 | 75      | 90      |         |
| <b>Blue collar –Continued</b>                                      |                 |  |             |              |         |         |         |
| <b>Precision production, craft, and repair –Continued</b>          |                 |  |             |              |         |         |         |
| Carpet installers .....  | \$24.12         | 4.9                                      | \$14.75     | \$23.37      | \$26.77 | \$26.95 | \$30.00 |
| Carpenters .....   | 17.04           | 2.1                                      | 10.73       | 13.53        | 16.22   | 20.94   | 23.40   |
| Carpenter apprentices .....  | 12.47           | 3.6                                      | 9.27        | 10.16        | 11.81   | 13.92   | 17.52   |
| Drywall installers .....   | 15.46           | 2.3                                      | 12.00       | 13.50        | 14.21   | 17.00   | 18.95   |
| Electricians .....   | 18.91           | 1.9                                      | 12.75       | 15.14        | 17.80   | 23.53   | 26.50   |
| Electrician apprentices .....                                      | 13.27           | 6.3                                      | 7.45        | 9.41         | 12.00   | 17.22   | 20.63   |
| Electrical power installers and repairers .....                    | 21.47           | 2.7                                      | 14.32       | 18.12        | 22.17   | 24.81   | 27.23   |
| Painters, construction and maintenance .....                       | 15.60           | 5.7                                      | 8.50        | 10.81        | 14.70   | 19.79   | 24.28   |
| Plasterers .....   | 18.61           | 16.4                                     | 10.31       | 12.03        | 23.55   | 23.55   | 23.55   |
| Plumbers, pipefitters and steamfitters .....                       | 20.08           | 2.0                                      | 13.00       | 16.00        | 21.56   | 23.49   | 25.49   |
| Plumber, pipefitter, and steamfitter apprentices .....             | 14.33           | 4.4                                      | 9.00        | 11.50        | 13.82   | 17.39   | 17.99   |
| Concrete and terrazzo finishers .....                              | 14.23           | 8.3                                      | 8.91        | 10.00        | 12.47   | 17.50   | 21.48   |
| Glaziers .....   | 17.30           | 6.6                                      | 11.42       | 14.00        | 19.51   | 20.23   | 20.85   |
| Insulation workers .....   | 11.88           | 6.0                                      | 7.00        | 9.00         | 11.00   | 14.00   | 16.36   |
| Paving, surfacing, and tamping equipment operators .....           | 11.48           | 12.0                                     | 7.35        | 8.90         | 10.43   | 13.12   | 14.51   |
| Roofers .....  | 13.64           | 6.2                                      | 8.50        | 10.00        | 11.73   | 18.17   | 20.30   |
| Sheetmetal duct installers .....                                   | 19.43           | 8.1                                      | 11.20       | 13.29        | 20.08   | 26.58   | 26.58   |
| Structural metal workers .....                                     | 16.57           | 4.6                                      | 11.00       | 13.34        | 15.82   | 20.30   | 21.95   |
| Drillers, earth .....  | 11.49           | 10.6                                     | 9.25        | 9.25         | 11.52   | 12.50   | 15.97   |
| Construction trades, n.e.c. ....                                   | 14.76           | 2.8                                      | 8.32        | 10.47        | 13.65   | 17.85   | 23.35   |
| Supervisors, extractive .....                                      | 22.05           | 14.5                                     | 10.00       | 16.33        | 23.65   | 28.62   | 31.63   |
| Drillers, oil well .....   | 17.37           | 2.6                                      | 8.95        | 9.19         | 19.18   | 21.57   | 22.06   |
| Explosives workers .....   | 15.91           | 16.0                                     | 10.29       | 10.29        | 15.83   | 21.50   | 24.50   |
| Mining machine operators .....                                     | 18.63           | 6.4                                      | 14.41       | 17.14        | 17.54   | 20.80   | 25.11   |
| Mining, n.e.c. ....  | 19.72           | 3.6                                      | 14.41       | 19.35        | 20.77   | 21.71   | 21.71   |
| Supervisors, production .....                                      | 19.00           | 2.6                                      | 11.33       | 14.38        | 18.51   | 22.71   | 27.34   |
| Tool and die makers .....  | 19.72           | 1.8                                      | 14.02       | 16.90        | 20.15   | 23.62   | 24.31   |
| Tool and die maker apprentices .....                               | 14.33           | 4.9                                      | 9.40        | 10.85        | 13.83   | 16.23   | 20.66   |
| Precision assemblers, metal .....                                  | 16.19           | 3.0                                      | 10.93       | 12.83        | 15.63   | 19.62   | 21.71   |
| Machinists .....   | 17.12           | 1.1                                      | 12.37       | 14.82        | 16.73   | 19.71   | 22.48   |
| Machinist apprentices .....  | 12.63           | 4.9                                      | 8.75        | 10.90        | 12.17   | 14.50   | 15.55   |
| Boilermakers .....   | 18.28           | 5.2                                      | 12.75       | 14.00        | 20.91   | 21.76   | 23.12   |
| Precision grinders, filers, and tool sharpeners .....              | 14.90           | 4.7                                      | 6.85        | 11.87        | 15.27   | 18.31   | 23.40   |
| Patternmakers and modelmakers, metal .....                         | 18.21           | 5.7                                      | 9.50        | 14.05        | 17.47   | 24.55   | 24.96   |
| Layout workers .....   | 14.87           | 4.9                                      | 10.76       | 12.70        | 14.60   | 17.53   | 18.50   |
| Precious stones and metals workers .....                           | 8.98            | 8.8                                      | 6.25        | 6.59         | 8.00    | 10.50   | 14.38   |
| Engravers, metal .....   | 15.41           | 22.7                                     | 6.00        | 9.25         | 20.96   | 20.96   | 20.96   |
| Sheet metal workers .....  | 16.76           | 5.1                                      | 10.55       | 12.00        | 15.49   | 20.98   | 24.84   |
| Sheet metal worker apprentices .....                               | 13.39           | 7.0                                      | 8.00        | 10.50        | 12.98   | 15.02   | 21.39   |
| Cabinet makers and bench carpenters .....                          | 11.20           | 4.7                                      | 8.38        | 8.85         | 10.50   | 12.71   | 15.24   |
| Furniture and wood finishers .....                                 | 11.68           | 2.5                                      | 10.40       | 11.46        | 11.46   | 11.77   | 13.13   |
| Tailors .....  | 11.86           | 3.4                                      | 8.93        | 9.40         | 11.68   | 13.37   | 15.20   |
| Upholsterers .....   | 12.57           | 9.3                                      | 6.45        | 8.53         | 12.08   | 15.91   | 19.23   |
| Hand molders and shapers, except jewelers .....                    | 16.34           | 3.1                                      | 12.08       | 14.78        | 15.69   | 18.25   | 20.10   |
| Patternmakers, layout workers, and cutters .....                   | 19.77           | 7.8                                      | 11.72       | 14.10        | 21.35   | 24.40   | 25.49   |
| Optical goods workers .....  | 11.00           | 12.8                                     | 6.50        | 7.10         | 9.89    | 13.84   | 16.11   |
| Dental laboratory and medical appliance technicians .....          | 14.47           | 10.8                                     | 10.00       | 11.58        | 13.85   | 16.67   | 19.95   |
| Bookbinders .....  | 13.57           | 6.1                                      | 8.15        | 11.77        | 14.25   | 16.62   | 17.95   |
| Electrical and electronic equipment assemblers .....               | 9.78            | 3.0                                      | 6.58        | 7.86         | 9.74    | 11.00   | 13.31   |
| Miscellaneous precision workers, n.e.c. ....                       | 15.51           | 5.4                                      | 8.44        | 11.35        | 15.15   | 18.79   | 21.83   |
| Precision food production .....                                    | 10.90           | 7.3                                      | 7.64        | 8.68         | 11.75   | 12.24   | 14.09   |
| Butchers and meat cutters .....                                    | 10.20           | 3.5                                      | 6.50        | 7.95         | 9.46    | 11.02   | 15.85   |
| Bakers .....   | 9.82            | 4.9                                      | 6.64        | 7.40         | 8.69    | 11.00   | 14.67   |
| Food batchmakers .....   | 10.48           | 5.2                                      | 6.35        | 7.35         | 10.26   | 12.95   | 15.53   |
| Inspectors, testers, and graders .....                             | 16.37           | 2.2                                      | 10.51       | 12.36        | 15.90   | 20.21   | 22.23   |
| Precision inspectors, testers, and related workers,<br>n.e.c. .... | 19.04           | 6.6                                      | 12.94       | 14.48        | 17.48   | 22.57   | 26.39   |
| Adjusters and calibrators .....                                    | 13.36           | 14.1                                     | 8.94        | 9.00         | 10.55   | 14.49   | 19.55   |
| Water and sewer treatment plant operators .....                    | 15.53           | 2.8                                      | 9.98        | 12.87        | 15.48   | 18.51   | 21.34   |
| Power plant operators .....  | 22.02           | 1.9                                      | 16.40       | 18.78        | 22.48   | 25.20   | 28.29   |

See footnotes at end of table.



Supplementary table 1.1. **United States, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> all workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>  | All workers     |                                       |             |           |         |         |         |
|--|-----------------|---------------------------------------|-------------|-----------|---------|---------|---------|
|  | Hourly earnings |                                       |             |           |         |         |         |
|  | Mean            | Relative error <sup>5</sup> (percent) | Percentiles |           |         |         |         |
| 10   |                 |                                       | 25          | Median 50 | 75      | 90      |         |
| <b>Blue collar –Continued</b>                                      |                 |                                       |             |           |         |         |         |
| <b>Precision production, craft, and repair –Continued</b>          |                 |                                       |             |           |         |         |         |
| Stationary engineers .....   | \$19.02         | 3.1                                   | \$12.57     | \$15.39   | \$18.53 | \$23.71 | \$25.96 |
| Miscellaneous plant and system operators, n.e.c. ....              | 21.34           | 2.2                                   | 17.06       | 19.31     | 22.43   | 23.46   | 25.36   |
| <b>Machine operators, assemblers, and inspectors .....</b>         |                 |                                       |             |           |         |         |         |
| Lathe and turning machine set-up operators .....                   | 11.59           | .9                                    | 6.73        | 8.30      | 10.65   | 14.05   | 18.27   |
| Lathe and turning machine operators .....                          | 14.03           | 2.6                                   | 10.99       | 12.31     | 13.63   | 15.67   | 17.82   |
| Milling and planing machine operators .....                        | 12.83           | 6.3                                   | 9.68        | 9.83      | 11.30   | 15.45   | 18.53   |
| Punching and stamping press operators .....                        | 13.38           | 6.9                                   | 10.10       | 11.40     | 11.70   | 15.00   | 19.55   |
| Rolling machine operators .....                                    | 12.08           | 3.0                                   | 7.50        | 8.81      | 11.50   | 14.10   | 19.55   |
| Drilling and boring machine operators .....                        | 13.46           | 6.1                                   | 8.81        | 9.72      | 13.80   | 15.52   | 17.75   |
| Grinding, abrading, buffing, and polishing machine operators ..... | 11.39           | 12.2                                  | 6.75        | 7.38      | 10.75   | 14.77   | 17.44   |
| Forging machine operators .....                                    | 11.58           | 2.9                                   | 7.25        | 8.93      | 10.79   | 13.19   | 17.22   |
| Numerical control machine operators .....                          | 12.86           | 4.5                                   | 10.25       | 11.02     | 12.05   | 14.66   | 16.45   |
| Fabricating machine operators, n.e.c. ....                         | 13.57           | 2.1                                   | 9.32        | 11.70     | 12.72   | 15.74   | 17.93   |
| Molding and casting machine operators .....                        | 13.29           | 2.3                                   | 8.40        | 10.05     | 12.02   | 16.10   | 20.40   |
| Metal plating machine operators .....                              | 10.36           | 2.9                                   | 6.50        | 7.73      | 10.02   | 12.14   | 14.48   |
| Heat treating equipment operators .....                            | 11.98           | 3.3                                   | 7.32        | 9.50      | 12.25   | 14.30   | 15.80   |
| Wood lathe, routing, and planing machine operators ....            | 13.78           | 2.4                                   | 10.74       | 13.21     | 14.05   | 14.30   | 15.80   |
| Sawing machine operators .....                                     | 10.60           | 11.3                                  | 6.85        | 6.85      | 10.10   | 11.86   | 14.76   |
| Shaping and jointing machine operators .....                       | 9.14            | 5.2                                   | 6.00        | 8.00      | 8.93    | 10.60   | 11.50   |
| Nailing and tacking machine operators .....                        | 9.73            | 6.8                                   | 6.08        | 8.19      | 9.20    | 11.47   | 14.50   |
| Printing press operators .....                                     | 9.91            | 2.3                                   | 6.58        | 6.58      | 11.33   | 12.32   | 12.50   |
| Photoengravers and lithographers .....                             | 14.64           | 3.2                                   | 8.87        | 10.87     | 14.09   | 17.64   | 21.37   |
| Typesetters and compositors .....                                  | 15.22           | 3.0                                   | 9.54        | 12.02     | 15.75   | 17.87   | 21.08   |
| Winding and twisting machine operators .....                       | 13.22           | 4.7                                   | 8.86        | 10.25     | 12.50   | 15.63   | 20.00   |
| Knitting, looping, taping, and weaving machine operators .....     | 11.01           | 7.3                                   | 8.00        | 8.90      | 10.28   | 13.53   | 14.80   |
| Textile cutting machine operators .....                            | 10.10           | 1.9                                   | 7.63        | 9.39      | 9.98    | 10.91   | 12.19   |
| Textile sewing machine operators .....                             | 8.94            | 5.4                                   | 6.50        | 6.97      | 8.22    | 10.50   | 12.04   |
| Shoe machine operators .....                                       | 7.98            | 2.7                                   | 5.50        | 6.26      | 7.53    | 8.91    | 10.60   |
| Pressing machine operators .....                                   | 9.11            | 8.6                                   | 6.13        | 7.02      | 9.08    | 11.34   | 12.43   |
| Laundering and dry cleaning machine operators .....                | 7.97            | 6.3                                   | 5.23        | 5.85      | 7.46    | 9.51    | 10.91   |
| Cementing and gluing machine operators .....                       | 7.44            | 1.7                                   | 5.46        | 6.03      | 7.03    | 8.22    | 10.00   |
| Packaging and filling machine operators .....                      | 9.58            | 9.5                                   | 6.75        | 6.75      | 9.26    | 12.25   | 13.63   |
| Extruding and forming machine operators .....                      | 10.55           | 4.3                                   | 6.47        | 7.48      | 9.38    | 12.84   | 16.27   |
| Mixing and blending machine operators .....                        | 11.28           | 2.7                                   | 7.81        | 9.14      | 10.51   | 13.36   | 14.76   |
| Separating, filtering, and clarifying machine operators ..         | 13.28           | 2.8                                   | 7.75        | 10.36     | 13.42   | 15.62   | 19.86   |
| Compressing and compacting machine operators .....                 | 15.83           | 3.7                                   | 10.59       | 13.67     | 16.10   | 18.38   | 20.67   |
| Painting and paint spraying machine operators .....                | 10.40           | 2.1                                   | 8.80        | 9.95      | 10.23   | 10.66   | 12.49   |
| Roasting and baking machine operators, food .....                  | 12.11           | 2.9                                   | 8.50        | 10.00     | 10.95   | 13.64   | 16.60   |
| Washing, cleaning, and pickling machine operators .....            | 11.61           | 5.5                                   | 7.53        | 9.78      | 12.07   | 13.50   | 16.52   |
| Folding machine operators .....                                    | 10.91           | 9.4                                   | 6.24        | 8.00      | 9.00    | 13.01   | 19.89   |
| Furnace, kiln, and oven operators, except food .....               | 11.34           | 4.0                                   | 7.52        | 9.33      | 10.93   | 12.99   | 14.25   |
| Crushing and grinding machine operators .....                      | 13.68           | 4.4                                   | 8.25        | 10.75     | 12.60   | 16.07   | 20.34   |
| Slicing and cutting machine operators .....                        | 11.89           | 5.7                                   | 7.00        | 9.00      | 11.79   | 15.08   | 17.16   |
| Motion picture projectionists .....                                | 12.65           | 3.6                                   | 8.50        | 10.40     | 13.25   | 14.71   | 15.71   |
| Photographic process machine operators .....                       | 13.07           | 9.6                                   | 8.32        | 10.91     | 12.25   | 16.36   | 18.10   |
| Miscellaneous machine operators, n.e.c. ....                       | 10.42           | 2.9                                   | 6.25        | 8.06      | 10.04   | 12.35   | 14.89   |
| Welders and cutters .....  | 11.97           | 2.6                                   | 7.17        | 8.57      | 11.19   | 14.35   | 18.09   |
| Solders and braziers .....   | 14.19           | 1.9                                   | 9.00        | 11.17     | 13.92   | 16.68   | 20.85   |
| Assemblers .....   | 9.04            | 8.3                                   | 6.07        | 6.27      | 8.53    | 10.48   | 13.24   |
| Hand cutting and trimming .....                                    | 11.63           | 2.6                                   | 6.20        | 7.76      | 10.19   | 14.33   | 20.35   |
| Hand molding, casting, and forming .....                           | 9.51            | 8.9                                   | 5.15        | 6.95      | 9.02    | 10.75   | 14.44   |
| Hand painting, coating, and decorating .....                       | 12.13           | 9.9                                   | 7.32        | 10.30     | 11.16   | 14.43   | 16.35   |
| Hand engraving and printing .....                                  | 10.21           | 5.6                                   | 6.40        | 8.33      | 9.40    | 11.96   | 14.47   |
| Miscellaneous hand working, n.e.c. ....                            | 8.91            | 3.5                                   | 7.24        | 7.87      | 9.23    | 9.97    | 10.63   |
| Production inspectors, checkers and examiners .....                | 9.85            | 3.3                                   | 6.50        | 7.45      | 8.80    | 11.18   | 14.39   |
| Production testers .....   | 11.11           | 2.6                                   | 7.01        | 8.36      | 10.00   | 12.81   | 17.32   |
| Production samplers and weighers .....                             | 11.73           | 3.4                                   | 7.00        | 9.19      | 11.00   | 13.62   | 16.90   |
|  | 13.64           | 4.5                                   | 9.05        | 12.55     | 14.35   | 14.35   | 15.81   |

See footnotes at end of table.

Supplementary table 1.1. **United States, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> all workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>   | All workers     |  |             |           |        |         |         |
|---|-----------------|--|-------------|-----------|--------|---------|---------|
|   | Hourly earnings |  |             |           |        |         |         |
|   | Mean            | Relative error <sup>5</sup><br>(percent) | Percentiles |           |        |         |         |
| 10  |                 |  | 25          | Median 50 | 75     | 90      |         |
| <b>Blue collar –Continued</b>   |                 |  |             |           |        |         |         |
| <b>Machine operators, assemblers, and inspectors</b>                    |                 |  |             |           |        |         |         |
| –Continued  |                 |  |             |           |        |         |         |
| Graders and sorters, except agricultural .....                          | \$9.19          | 6.4                                      | \$7.25      | \$7.47    | \$9.26 | \$10.93 | \$12.00 |
| Hand inspectors, n.e.c. ....  | 9.27            | 7.5                                      | 6.50        | 7.00      | 8.80   | 10.25   | 12.60   |
| <b>Transportation and material moving</b> .....                         | 13.72           | 1.1                                      | 7.69        | 9.92      | 12.97  | 16.73   | 20.73   |
| Supervisors, motor vehicle operators .....                              | 16.46           | 5.2                                      | 10.10       | 12.02     | 15.07  | 19.93   | 24.61   |
| Truck drivers .....   | 13.93           | 1.2                                      | 8.29        | 10.36     | 13.61  | 16.84   | 20.79   |
| Driver-sales workers .....  | 14.23           | 4.2                                      | 7.00        | 10.22     | 13.72  | 17.80   | 21.15   |
| Bus drivers .....   | 12.61           | 1.6                                      | 8.00        | 9.49      | 12.16  | 15.49   | 17.96   |
| Taxicab drivers and chauffeurs .....                                    | 8.32            | 4.5                                      | 5.51        | 6.46      | 7.50   | 9.09    | 11.68   |
| Parking lot attendants .....  | 7.04            | 4.3                                      | 5.25        | 5.75      | 6.67   | 7.75    | 9.36    |
| Motor transportation, n.e.c. ....                                       | 8.99            | 4.6                                      | 5.50        | 5.90      | 7.28   | 10.57   | 14.50   |
| Railroad conductors and yardmasters .....                               | 26.78           | 4.4                                      | 16.69       | 20.73     | 25.97  | 32.15   | 37.96   |
| Locomotive operating .....  | 27.74           | 8.4                                      | 13.60       | 18.25     | 24.39  | 36.66   | 43.94   |
| Railroad brake, signal and switch operators .....                       | 23.30           | 10.2                                     | 14.35       | 15.59     | 20.27  | 29.21   | 37.15   |
| Rail vehicle operators, n.e.c. ....                                     | 21.02           | 4.4                                      | 17.33       | 19.78     | 19.78  | 21.67   | 26.71   |
| Ship captains and mates, except fishing boats .....                     | 16.30           | 3.8                                      | 9.00        | 13.17     | 14.88  | 19.42   | 23.11   |
| Sailors and deckhands .....   | 11.39           | 8.0                                      | 5.83        | 7.33      | 10.00  | 12.47   | 18.62   |
| Bridge, lock and lighthouse tenders .....                               | 11.16           | 2.1                                      | 10.75       | 10.75     | 11.52  | 11.52   | 11.63   |
| Supervisors, material moving equipment .....                            | 18.74           | 6.2                                      | 12.68       | 14.66     | 18.63  | 23.22   | 23.93   |
| Operating engineers .....   | 17.33           | 8.1                                      | 9.73        | 11.70     | 16.84  | 23.27   | 25.84   |
| Longshore equipment operators .....                                     | 26.96           | 7.6                                      | 20.00       | 25.12     | 30.22  | 30.22   | 30.22   |
| Hoist and winch operators .....   | 12.94           | 5.5                                      | 8.50        | 11.66     | 12.64  | 12.90   | 17.00   |
| Crane and tower operators .....   | 15.61           | 3.3                                      | 10.00       | 12.50     | 14.69  | 18.78   | 22.35   |
| Excavating and loading machine operators .....                          | 14.17           | 4.3                                      | 8.75        | 10.10     | 12.81  | 17.01   | 20.74   |
| Grader, dozer, and scraper operators .....                              | 13.46           | 6.4                                      | 8.01        | 9.76      | 11.71  | 15.75   | 22.02   |
| Industrial truck and tractor equipment operators .....                  | 12.10           | 1.8                                      | 7.90        | 9.61      | 11.61  | 13.91   | 17.35   |
| Miscellaneous material moving equipment operators,<br>n.e.c. ....       | 14.33           | 3.0                                      | 8.78        | 10.55     | 13.44  | 17.86   | 20.35   |
| <b>Handlers, equipment cleaners, helpers, and laborers</b> .....        | 9.69            | .7                                       | 5.75        | 6.91      | 8.69   | 11.59   | 15.20   |
| Nursery workers .....   | 7.31            | 3.4                                      | 5.75        | 5.98      | 6.90   | 8.60    | 9.25    |
| Supervisors, agriculture-related workers .....                          | 17.49           | 4.7                                      | 10.25       | 13.46     | 17.89  | 20.73   | 22.93   |
| Groundskeepers and gardeners, except farm .....                         | 9.31            | 5.2                                      | 6.43        | 7.01      | 8.04   | 10.66   | 14.16   |
| Animal caretakers, except farm .....                                    | 10.22           | 5.8                                      | 5.92        | 6.88      | 9.50   | 13.40   | 16.22   |
| Inspectors, agricultural products .....                                 | 7.84            | 6.1                                      | 6.50        | 6.50      | 6.90   | 8.18    | 9.41    |
| Supervisors, handlers, equipment cleaners, and<br>laborers, n.e.c. .... | 14.57           | 2.6                                      | 10.00       | 11.25     | 13.76  | 17.00   | 19.90   |
| Helpers, mechanics and repairers .....                                  | 11.69           | 4.4                                      | 6.83        | 8.50      | 11.50  | 14.17   | 16.59   |
| Helpers, construction trades .....                                      | 10.46           | 3.8                                      | 6.70        | 7.90      | 9.36   | 12.00   | 16.51   |
| Helpers, extractive .....   | 15.17           | 11.8                                     | 11.18       | 11.70     | 17.54  | 18.32   | 18.32   |
| Construction laborers .....   | 11.34           | 2.8                                      | 6.55        | 7.53      | 9.81   | 14.52   | 18.67   |
| Production helpers .....  | 9.75            | 3.5                                      | 5.85        | 7.15      | 9.25   | 11.62   | 14.91   |
| Garbage collectors .....  | 12.63           | 11.7                                     | 7.49        | 8.40      | 12.04  | 17.27   | 18.79   |
| Stevedores .....  | 18.83           | 3.7                                      | 10.00       | 19.40     | 19.40  | 23.00   | 23.50   |
| Stock handlers and baggers .....  | 8.64            | 1.4                                      | 5.35        | 6.00      | 7.50   | 10.35   | 13.65   |
| Machine feeders and offbearers .....                                    | 9.37            | 2.6                                      | 6.11        | 7.19      | 8.91   | 10.91   | 13.27   |
| Freight, stock, and material handlers, n.e.c. ....                      | 10.50           | 2.0                                      | 6.00        | 7.30      | 9.34   | 13.10   | 16.86   |
| Garage and service station related .....                                | 8.25            | 7.1                                      | 5.35        | 6.00      | 7.60   | 9.80    | 12.42   |
| Vehicle washers and equipment cleaners .....                            | 8.86            | 3.2                                      | 5.52        | 6.25      | 7.58   | 10.35   | 14.29   |
| Hand packers and packagers .....  | 8.49            | 1.7                                      | 5.75        | 6.53      | 7.88   | 9.60    | 11.71   |
| Laborers, except construction, n.e.c. ....                              | 9.57            | 1.3                                      | 5.85        | 7.01      | 8.74   | 11.34   | 14.47   |
| <b>Service</b> .....  | 9.52            | .7                                       | 5.15        | 6.15      | 7.99   | 11.12   | 16.68   |
| Protective service .....  | 14.36           | 1.6                                      | 6.72        | 9.00      | 12.87  | 18.85   | 23.90   |
| Supervisors, firefighters and fire prevention .....                     | 20.00           | 2.9                                      | 13.56       | 15.40     | 19.35  | 23.83   | 27.91   |
| Supervisors, police and detectives .....                                | 24.14           | 2.7                                      | 14.07       | 19.19     | 24.47  | 28.88   | 33.23   |
| Supervisors, guards .....   | 15.49           | 7.1                                      | 7.87        | 9.74      | 13.45  | 20.23   | 28.31   |
| Fire inspection and fire prevention .....                               | 18.31           | 4.8                                      | 12.69       | 14.90     | 18.48  | 21.35   | 24.11   |

See footnotes at end of table.

Supplementary table 1.1. **United States, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> all workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998—Continued**

| Occupation <sup>4</sup>                                      | All workers     |                                       |             |           |         |         |         |
|--|-----------------|---------------------------------------|-------------|-----------|---------|---------|---------|
|  | Hourly earnings |                                       |             |           |         |         |         |
|  | Mean            | Relative error <sup>5</sup> (percent) | Percentiles |           |         |         |         |
| 10   |                 |                                       | 25          | Median 50 | 75      | 90      |         |
| <b>Service—Continued</b>                                     |                 |                                       |             |           |         |         |         |
| Protective service—Continued                                 |                 |                                       |             |           |         |         |         |
| Firefighting .....   | \$15.32         | 2.5                                   | \$9.30      | \$11.80   | \$14.82 | \$18.73 | \$22.00 |
| Police and detectives, public service .....                  | 19.49           | 1.4                                   | 12.35       | 15.28     | 19.42   | 22.73   | 26.53   |
| Sheriffs, bailiffs, and other law enforcement officers ..... | 15.91           | 2.6                                   | 10.10       | 12.01     | 15.35   | 18.62   | 24.08   |
| Correctional institution officers .....                      | 14.17           | 4.3                                   | 9.53        | 10.66     | 12.81   | 17.67   | 20.62   |
| Crossing guards .....  | 8.73            | 4.5                                   | 5.65        | 6.67      | 8.42    | 10.30   | 12.33   |
| Guards and police, except public service .....               | 8.63            | 1.7                                   | 5.75        | 6.55      | 7.92    | 9.50    | 12.39   |
| Protective service, n.e.c. ....                              | 11.51           | 4.7                                   | 5.89        | 7.26      | 10.61   | 14.21   | 18.60   |
| Food service .....   |                 |                                       |             |           |         |         |         |
| Supervisors, food preparation and service .....              | 11.45           | 1.6                                   | 7.18        | 8.52      | 10.98   | 13.47   | 16.51   |
| Bartenders .....   | 6.31            | 2.6                                   | 3.80        | 5.15      | 6.00    | 7.10    | 9.00    |
| Waiters and waitresses .....                                 | 4.17            | 3.4                                   | 2.13        | 2.38      | 4.25    | 5.15    | 6.31    |
| Cooks .....  | 8.67            | 1.1                                   | 5.86        | 7.00      | 8.22    | 9.97    | 11.96   |
| Food counter, fountain, and related .....                    | 6.12            | 1.3                                   | 5.15        | 5.32      | 5.75    | 6.53    | 7.72    |
| Kitchen workers, food preparation .....                      | 7.57            | 1.2                                   | 5.50        | 6.15      | 7.01    | 8.50    | 10.31   |
| Waiters/Waitresses' assistants .....                         | 5.68            | 2.2                                   | 3.19        | 5.04      | 5.50    | 6.50    | 8.00    |
| Food preparation, n.e.c. ....                                | 6.85            | 1.3                                   | 5.22        | 5.75      | 6.50    | 7.40    | 9.17    |
| Health service .....   |                 |                                       |             |           |         |         |         |
| Dental assistants .....                                      | 10.26           | 3.7                                   | 7.50        | 9.00      | 10.00   | 11.23   | 13.49   |
| Health aides, except nursing .....                           | 9.79            | 1.4                                   | 6.39        | 7.75      | 9.03    | 11.67   | 13.90   |
| Nursing aides, orderlies and attendants .....                | 8.49            | .8                                    | 6.00        | 6.89      | 8.00    | 9.53    | 11.74   |
| Cleaning and building service .....                          |                 |                                       |             |           |         |         |         |
| Supervisors, cleaning and building service workers .....     | 11.15           | 10.4                                  | 8.03        | 8.03      | 9.03    | 13.32   | 18.23   |
| Maids and housemen .....                                     | 7.52            | 1.9                                   | 5.49        | 6.00      | 6.80    | 8.23    | 10.86   |
| Janitors and cleaners .....                                  | 9.09            | 1.1                                   | 5.58        | 6.59      | 8.29    | 10.76   | 13.68   |
| Pest control .....   | 12.36           | 8.5                                   | 7.83        | 9.14      | 12.35   | 15.19   | 16.37   |
| Personal service .....                                       |                 |                                       |             |           |         |         |         |
| Supervisors, personal service .....                          | 16.56           | 1.3                                   | 9.35        | 15.00     | 17.75   | 18.61   | 20.23   |
| Attendants, amusement, and recreation facilities .....       | 6.20            | 5.1                                   | 5.00        | 5.15      | 5.70    | 6.34    | 8.12    |
| Guides .....   | 9.40            | 3.5                                   | 6.00        | 6.81      | 8.76    | 10.82   | 13.63   |
| Ushers .....   | 6.55            | 5.1                                   | 5.15        | 5.50      | 6.23    | 7.50    | 8.00    |
| Public transportation attendants .....                       | 25.24           | 6.1                                   | 8.52        | 15.11     | 20.12   | 34.70   | 46.85   |
| Baggage porters and bellhops .....                           | 7.19            | 6.4                                   | 3.50        | 5.15      | 5.75    | 7.52    | 14.11   |
| Welfare service aides .....                                  | 7.55            | 4.9                                   | 5.15        | 5.20      | 7.00    | 8.64    | 10.95   |
| Early childhood teachers' assistants .....                   | 8.12            | 1.8                                   | 5.66        | 6.43      | 7.72    | 9.19    | 11.19   |
| Child care workers, n.e.c. ....                              | 8.51            | 2.3                                   | 5.84        | 6.75      | 8.04    | 9.54    | 11.47   |
| Service, n.e.c. ....   | 7.54            | 11.2                                  | 4.38        | 4.38      | 6.75    | 8.97    | 11.96   |

<sup>1</sup> Earnings are the 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. The 10th, 25th, 50th, 75th, and 90th percentiles designate position in the earnings distribution. At the 50th percentile, the median, half of the workers receive the same as or more than the rate shown, and half receive the same as or less than the rate shown. At the 25th percentile, one-fourth earn the same as or less than the rate shown. At the 75th percentile, one-fourth earn the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic.

<sup>2</sup> All workers include full-time and part-time workers. Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>3</sup> This survey covers all 50 States. Collection was conducted between July 1997 and

April 1999. The average reference period was August 1998.

<sup>4</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see appendix B in *National Compensation Survey: Occupational Wages in the United States, 1998*, Bulletin 2529.

<sup>5</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A in *National Compensation Survey: Occupational Wages in the United States, 1998*, Bulletin 2529.

NOTE: Overall occupational groups may include data for categories not shown separately and n.e.c. means "not elsewhere classified." Individual and average wage rates were collected in this update survey. A procedure was put into place to "move" the positional statistics where averages were collected. This procedure compares current locality survey data—at the quote level—with the same quote from the prior survey. Individual rates from the prior survey are moved by the average change in mean wages for the occupation.

Supplementary table 1.2. **United States, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> full-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998**

| Occupation <sup>4</sup>                                 | Full-time workers |  |             |              |         |         |         |
|---|-------------------|--|-------------|--------------|---------|---------|---------|
|   | Hourly earnings   |  |             |              |         |         |         |
|   | Mean              | Relative error <sup>5</sup><br>(percent) | Percentiles |              |         |         |         |
| 10  |                   |  | 25          | Median<br>50 | 75      | 90      |         |
| <b>All</b> .....  | \$16.40           | 0.5                                      | \$7.05      | \$9.30       | \$13.58 | \$20.28 | \$28.78 |
| All excluding sales .....                               | 16.47             | .5                                       | 7.12        | 9.45         | 13.75   | 20.40   | 28.81   |
| <b>White collar</b> .....                               | 20.09             | .5                                       | 8.57        | 11.52        | 16.93   | 25.11   | 34.86   |
| White collar excluding sales .....                      | 20.65             | .5                                       | 9.19        | 12.10        | 17.57   | 25.70   | 35.34   |
| <b>Professional specialty and technical</b> .....       | 24.43             | .6                                       | 12.79       | 16.71        | 22.02   | 29.23   | 37.67   |
| Professional specialty .....                            | 26.20             | .5                                       | 14.78       | 18.64        | 24.13   | 31.14   | 39.58   |
| Engineers, architects, and surveyors .....              | 28.97             | .7                                       | 19.47       | 22.97        | 27.78   | 33.65   | 40.25   |
| Architects .....  | 25.83             | 5.8                                      | 15.15       | 21.86        | 26.22   | 28.35   | 33.97   |
| Aerospace engineers .....                               | 30.96             | 2.5                                      | 20.89       | 24.70        | 30.28   | 35.85   | 42.61   |
| Metallurgical and materials engineers .....             | 27.28             | 5.0                                      | 19.75       | 24.01        | 24.52   | 32.60   | 37.26   |
| Mining engineers .....                                  | 30.49             | 5.7                                      | 24.70       | 28.98        | 29.12   | 30.63   | 34.84   |
| Petroleum engineers .....                               | 43.02             | 4.4                                      | 29.09       | 35.85        | 43.61   | 47.95   | 57.56   |
| Chemical engineers .....                                | 33.37             | 2.2                                      | 24.26       | 26.92        | 34.00   | 37.62   | 45.87   |
| Nuclear engineers .....                                 | 34.60             | 2.1                                      | 26.62       | 30.48        | 33.88   | 38.70   | 42.81   |
| Civil engineers .....                                   | 27.69             | 2.3                                      | 18.52       | 21.79        | 26.19   | 31.48   | 39.79   |
| Electrical and electronic engineers .....               | 30.37             | 1.1                                      | 21.07       | 24.46        | 29.30   | 34.94   | 40.60   |
| Industrial engineers .....                              | 25.26             | 2.4                                      | 17.45       | 20.69        | 24.13   | 28.37   | 33.65   |
| Mechanical engineers .....                              | 26.28             | 1.3                                      | 19.16       | 21.41        | 25.83   | 29.96   | 34.44   |
| Marine engineers and naval architects .....             | 30.54             | 5.7                                      | 17.98       | 25.17        | 32.31   | 35.27   | 38.17   |
| Engineers, n.e.c. ....                                  | 30.10             | 1.2                                      | 19.69       | 24.14        | 29.38   | 35.21   | 41.33   |
| Surveyors and mapping scientists .....                  | 21.23             | 5.0                                      | 15.02       | 18.52        | 18.60   | 24.16   | 32.33   |
| Mathematical and computer scientists .....              | 27.86             | 1.5                                      | 17.93       | 21.73        | 26.44   | 32.19   | 38.58   |
| Computer systems analysts and scientists .....          | 27.90             | 1.3                                      | 18.22       | 21.88        | 26.62   | 32.21   | 38.57   |
| Operations and systems researchers and analysts .....   | 27.92             | 6.9                                      | 17.35       | 21.06        | 25.72   | 31.83   | 39.51   |
| Actuaries .....   | 27.38             | 9.2                                      | 15.14       | 20.84        | 25.87   | 32.99   | 39.32   |
| Statisticians .....                                     | 23.83             | 8.5                                      | 13.34       | 16.35        | 25.10   | 28.90   | 32.19   |
| Mathematical scientists, n.e.c. ....                    | 24.88             | 8.2                                      | 13.68       | 16.79        | 24.04   | 30.79   | 35.54   |
| Natural scientists .....                                | 25.45             | 1.7                                      | 14.42       | 18.16        | 23.77   | 30.90   | 38.52   |
| Physicists and astronomers .....                        | 37.74             | 7.7                                      | 22.55       | 27.23        | 37.31   | 44.30   | 53.89   |
| Chemists, except biochemists .....                      | 28.69             | 3.5                                      | 16.83       | 21.26        | 26.71   | 34.85   | 42.59   |
| Atmospheric and space scientists .....                  | 22.91             | 15.0                                     | 12.60       | 16.35        | 19.54   | 31.25   | 37.68   |
| Geologists and geodesists .....                         | 30.68             | 6.3                                      | 16.34       | 20.28        | 27.98   | 35.39   | 50.09   |
| Physical scientists, n.e.c. ....                        | 26.56             | 2.4                                      | 16.87       | 20.30        | 26.04   | 32.18   | 36.10   |
| Agricultural and food scientists .....                  | 22.13             | 8.8                                      | 13.55       | 16.16        | 20.20   | 26.83   | 34.02   |
| Biological and life scientists .....                    | 21.55             | 7.3                                      | 13.43       | 15.68        | 19.41   | 25.15   | 32.45   |
| Forestry and conservation scientists .....              | 20.34             | 3.5                                      | 13.72       | 20.50        | 20.50   | 20.50   | 22.79   |
| Medical scientists .....                                | 22.97             | 4.9                                      | 11.88       | 15.45        | 22.55   | 27.40   | 34.09   |
| Health related .....                                    | 22.49             | 1.2                                      | 14.44       | 16.89        | 19.95   | 24.25   | 30.69   |
| Physicians .....  | 37.20             | 5.8                                      | 12.75       | 16.78        | 20.32   | 54.14   | 72.12   |
| Dentists .....  | 34.90             | 11.4                                     | 12.05       | 31.87        | 33.39   | 38.03   | 51.57   |
| Optometrists .....                                      | 38.14             | 7.7                                      | 26.49       | 33.58        | 38.63   | 44.26   | 46.38   |
| Registered nurses .....                                 | 20.71             | .7                                       | 14.78       | 16.94        | 19.77   | 23.09   | 27.68   |
| Pharmacists .....                                       | 27.87             | 1.2                                      | 21.91       | 25.38        | 27.58   | 30.55   | 33.50   |
| Dietitians .....  | 16.54             | 2.0                                      | 12.64       | 13.96        | 16.54   | 18.77   | 20.44   |
| Respiratory therapists .....                            | 17.84             | 1.6                                      | 13.78       | 15.45        | 17.37   | 19.94   | 22.46   |
| Occupational therapists .....                           | 22.68             | 3.4                                      | 13.94       | 18.24        | 22.16   | 26.52   | 29.33   |
| Physical therapists .....                               | 23.48             | 2.2                                      | 17.67       | 20.41        | 22.82   | 26.33   | 29.42   |
| Speech therapists .....                                 | 23.26             | 7.4                                      | 10.09       | 18.13        | 22.95   | 28.17   | 34.11   |
| Therapists, n.e.c. ....                                 | 16.31             | 3.0                                      | 11.51       | 12.94        | 15.02   | 18.84   | 23.61   |
| Physicians' assistants .....                            | 26.75             | 4.1                                      | 11.14       | 23.96        | 27.98   | 31.73   | 36.97   |
| Teachers, college and university .....                  | 34.19             | 1.5                                      | 19.23       | 24.69        | 30.77   | 40.97   | 53.29   |
| Earth, environmental, and marine science teachers ..... | 33.78             | 10.6                                     | 21.59       | 23.06        | 32.21   | 32.57   | 57.36   |
| Biological science teachers .....                       | 33.53             | 8.3                                      | 20.93       | 25.94        | 29.39   | 38.19   | 50.25   |
| Chemistry teachers .....                                | 31.67             | 7.5                                      | 24.36       | 26.89        | 27.16   | 34.18   | 42.63   |
| Physics teachers .....                                  | 47.49             | 7.0                                      | 32.94       | 38.36        | 44.36   | 56.63   | 64.71   |
| Natural science teachers, n.e.c. ....                   | 38.54             | 6.3                                      | 22.00       | 30.50        | 35.75   | 51.98   | 52.33   |
| Psychology teachers .....                               | 32.91             | 6.9                                      | 21.26       | 24.35        | 27.82   | 38.52   | 54.64   |
| Economics teachers .....                                | 46.28             | 11.2                                     | 30.06       | 38.56        | 54.33   | 55.77   | 55.77   |
| History teachers .....                                  | 32.62             | 5.6                                      | 19.38       | 25.03        | 30.50   | 40.31   | 46.61   |
| Political science teachers .....                        | 33.44             | 6.2                                      | 22.89       | 26.24        | 28.58   | 41.54   | 48.82   |
| Sociology teachers .....                                | 37.33             | 8.2                                      | 26.00       | 29.00        | 38.92   | 41.54   | 49.31   |
| Social science teachers, n.e.c. ....                    | 33.15             | 7.4                                      | 22.49       | 29.02        | 29.02   | 36.71   | 50.78   |

See footnotes at end of table.

Supplementary table 1.2. **United States, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> full-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>   | Full-time workers |  |             |              |         |         |         |
|---|-------------------|--|-------------|--------------|---------|---------|---------|
|   | Hourly earnings   |  |             |              |         |         |         |
|   | Mean              | Relative error <sup>5</sup><br>(percent) | Percentiles |              |         |         |         |
| 10  |                   |  | 25          | Median<br>50 | 75      | 90      |         |
| <b>White collar –Continued</b>  |                   |  |             |              |         |         |         |
| <b>Professional specialty and technical –Continued</b>                      |                   |  |             |              |         |         |         |
| Professional specialty –Continued   |                   |  |             |              |         |         |         |
| Teachers, college and university –Continued                                 |                   |  |             |              |         |         |         |
| Engineering teachers .....  | \$38.55           | 12.6                                     | \$20.19     | \$27.42      | \$32.41 | \$43.33 | \$65.06 |
| Mathematical science teachers .....   | 34.25             | 6.6                                      | 15.82       | 25.93        | 32.64   | 42.72   | 48.94   |
| Computer science teachers .....   | 30.11             | 8.4                                      | 20.29       | 23.15        | 29.05   | 38.53   | 40.38   |
| Medical science teachers .....  | 42.17             | 6.5                                      | 21.21       | 27.91        | 36.06   | 51.19   | 67.22   |
| Health specialties teachers .....   | 34.29             | 7.5                                      | 20.50       | 23.58        | 29.96   | 42.80   | 50.47   |
| Business, commerce, and marketing teachers .....                            | 35.91             | 7.0                                      | 23.63       | 28.16        | 31.54   | 42.72   | 51.77   |
| Agriculture and forestry teachers .....                                     | 42.82             | 26.4                                     | 15.74       | 19.88        | 35.80   | 63.84   | 73.90   |
| Art, drama, and music teachers .....  | 29.76             | 3.4                                      | 19.65       | 22.06        | 28.53   | 35.22   | 42.97   |
| Physical education teachers .....   | 25.29             | 9.2                                      | 7.27        | 20.73        | 24.13   | 33.87   | 43.00   |
| Education teachers .....  | 31.77             | 9.3                                      | 11.74       | 23.22        | 29.62   | 39.56   | 47.96   |
| English teachers .....  | 32.90             | 5.0                                      | 19.01       | 24.57        | 28.74   | 42.10   | 49.65   |
| Foreign language teachers .....   | 26.62             | 15.8                                     | 14.58       | 15.48        | 25.83   | 33.65   | 44.75   |
| Law teachers .....  | 60.32             | 8.1                                      | 32.89       | 45.40        | 56.97   | 73.37   | 92.14   |
| Social work teachers .....  | 26.45             | 7.2                                      | 21.16       | 22.69        | 26.46   | 29.26   | 32.11   |
| Theology teachers .....   | 35.11             | 4.2                                      | 25.77       | 28.76        | 32.50   | 39.28   | 45.96   |
| Trade and industrial teachers .....   | 27.59             | 3.2                                      | 20.60       | 23.81        | 27.73   | 30.89   | 35.54   |
| Teachers, post secondary, subject not specified .....                       | 34.30             | 7.6                                      | 17.99       | 22.40        | 31.28   | 40.99   | 54.92   |
| Teachers, post secondary, n.e.c. ....                                       | 31.72             | 2.0                                      | 17.27       | 22.44        | 28.94   | 38.10   | 49.07   |
| Teachers, except college and university .....                               | 27.27             | .8                                       | 16.63       | 20.37        | 25.79   | 32.86   | 40.43   |
| Prekindergarten and kindergarten .....                                      | 21.43             | 4.0                                      | 8.66        | 11.45        | 20.93   | 27.64   | 34.59   |
| Elementary school teachers .....  | 27.75             | .9                                       | 17.71       | 21.06        | 26.03   | 32.91   | 40.41   |
| Secondary school teachers .....   | 27.84             | 1.2                                      | 17.97       | 20.97        | 26.21   | 32.55   | 39.98   |
| Teachers, special education .....   | 28.26             | 1.9                                      | 17.31       | 20.98        | 26.74   | 34.38   | 40.65   |
| Teachers, n.e.c. ....   | 27.40             | 2.8                                      | 14.98       | 19.22        | 25.78   | 34.42   | 42.85   |
| Substitute teachers .....   | 10.90             | 9.6                                      | 8.62        | 9.80         | 9.80    | 10.25   | 19.71   |
| Vocational and educational counselors .....                                 | 24.90             | 3.9                                      | 11.87       | 15.89        | 24.18   | 32.18   | 39.77   |
| Librarians, archivists, and curators .....                                  | 21.69             | 2.2                                      | 12.25       | 15.50        | 20.39   | 26.07   | 32.47   |
| Librarians .....  | 21.86             | 2.3                                      | 12.31       | 15.71        | 20.91   | 26.37   | 32.38   |
| Archivists and curators .....   | 20.43             | 7.9                                      | 12.04       | 14.47        | 18.27   | 22.60   | 35.26   |
| Social scientists and urban planners .....                                  | 23.83             | 3.1                                      | 13.38       | 16.56        | 22.47   | 29.38   | 36.46   |
| Economists .....  | 25.93             | 3.8                                      | 14.86       | 18.23        | 24.92   | 31.82   | 37.78   |
| Psychologists .....   | 24.19             | 5.2                                      | 13.36       | 16.57        | 23.01   | 28.89   | 37.87   |
| Sociologists .....  | 17.54             | 3.2                                      | 14.66       | 14.74        | 16.32   | 20.24   | 21.74   |
| Social scientists, n.e.c. ....  | 16.56             | 11.1                                     | 9.83        | 11.69        | 12.46   | 20.58   | 25.34   |
| Urban planners .....  | 22.12             | 3.5                                      | 15.06       | 18.34        | 21.96   | 25.64   | 29.48   |
| Social, recreation, and religious workers .....                             | 15.92             | 1.3                                      | 10.38       | 12.13        | 14.79   | 18.64   | 22.89   |
| Social workers .....  | 16.08             | 1.4                                      | 10.65       | 12.32        | 14.86   | 18.75   | 22.96   |
| Recreation workers .....  | 13.39             | 3.9                                      | 8.39        | 10.00        | 12.60   | 16.83   | 19.00   |
| Clergy .....  | 15.25             | 17.0                                     | 5.05        | 6.94         | 15.07   | 23.52   | 26.00   |
| Religious workers, n.e.c. ....  | 20.63             | 16.1                                     | 8.50        | 14.79        | 22.06   | 26.30   | 31.73   |
| Lawyers and judges .....  | 36.87             | 2.5                                      | 20.11       | 25.63        | 34.62   | 44.88   | 54.62   |
| Lawyers .....   | 36.52             | 2.6                                      | 19.88       | 25.24        | 33.71   | 43.21   | 54.72   |
| Judges .....  | 43.27             | 6.4                                      | 26.73       | 41.01        | 47.00   | 48.65   | 53.99   |
| Writers, authors, entertainers, athletes, and professionals,<br>n.e.c. .... | 24.48             | 3.9                                      | 12.01       | 15.44        | 20.18   | 28.00   | 38.12   |
| Technical writers .....   | 21.66             | 7.0                                      | 14.76       | 16.25        | 18.80   | 24.00   | 30.00   |
| Designers .....   | 22.49             | 3.9                                      | 12.86       | 16.00        | 20.71   | 27.16   | 34.77   |
| Musicians and composers .....   | 39.48             | 27.1                                     | 14.71       | 18.12        | 24.61   | 51.83   | 76.12   |
| Actors and directors .....  | 37.17             | 20.7                                     | 11.56       | 13.26        | 23.08   | 58.46   | 90.00   |
| Painters, sculptors, craft artists, and artist printmakers .....            | 26.19             | 23.7                                     | 10.40       | 12.78        | 16.67   | 22.79   | 45.67   |
| Photographers .....   | 16.94             | 7.2                                      | 9.00        | 11.44        | 16.36   | 20.20   | 25.73   |
| Artists, performers, and related workers, n.e.c. ....                       | 15.59             | 11.3                                     | 6.75        | 9.36         | 14.70   | 16.38   | 26.07   |
| Editors and reporters .....   | 23.35             | 4.9                                      | 12.02       | 15.14        | 19.20   | 26.37   | 39.02   |
| Public relations specialists .....  | 20.63             | 5.2                                      | 11.45       | 14.35        | 19.50   | 23.87   | 33.19   |
| Announcers .....  | 26.98             | 23.8                                     | 8.66        | 11.06        | 14.04   | 34.67   | 52.50   |
| Athletes .....  | 40.88             | 43.9                                     | 9.98        | 13.73        | 17.44   | 30.35   | 33.65   |
| Professional, n.e.c. ....   | 25.67             | 3.1                                      | 14.76       | 18.13        | 24.04   | 31.73   | 39.15   |
| Technical .....   | 18.16             | 1.3                                      | 10.24       | 12.47        | 15.93   | 20.43   | 25.14   |

See footnotes at end of table.

Supplementary table 1.2. **United States, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> full-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>  | Full-time workers |  |             |              |         |         |         |
|--|-------------------|--|-------------|--------------|---------|---------|---------|
|  | Hourly earnings   |  |             |              |         |         |         |
|  | Mean              | Relative error <sup>5</sup><br>(percent) | Percentiles |              |         |         |         |
| 10   |                   |  | 25          | Median<br>50 | 75      | 90      |         |
| <b>White collar –Continued</b>   |                   |  |             |              |         |         |         |
| <b>Professional specialty and technical –Continued</b>   |                   |  |             |              |         |         |         |
| Technical –Continued   |                   |  |             |              |         |         |         |
| Clinical laboratory technologists and technicians .....  | \$15.41           | 1.8                                      | \$9.37      | \$11.49      | \$15.08 | \$18.67 | \$21.71 |
| Dental hygienists .....  | 19.46             | 9.5                                      | 13.47       | 16.10        | 20.50   | 23.61   | 23.87   |
| Health record technologists and technicians .....  | 12.02             | 3.9                                      | 8.40        | 9.59         | 10.83   | 14.94   | 16.79   |
| Radiological technicians .....   | 16.73             | 1.6                                      | 11.84       | 13.69        | 16.24   | 19.13   | 22.12   |
| Licensed practical nurses .....  | 12.92             | 1.0                                      | 9.60        | 10.97        | 12.64   | 14.53   | 16.49   |
| Health technologists and technicians, n.e.c. ....  | 13.57             | 1.3                                      | 8.57        | 10.51        | 13.03   | 15.76   | 18.63   |
| Electrical and electronic technicians .....  | 18.33             | 1.8                                      | 11.71       | 14.96        | 18.35   | 21.69   | 24.89   |
| Industrial engineering technicians .....   | 18.71             | 4.6                                      | 12.80       | 15.77        | 21.01   | 21.10   | 23.03   |
| Mechanical engineering technicians .....   | 19.29             | 4.0                                      | 12.23       | 15.39        | 19.50   | 23.23   | 25.28   |
| Engineering technicians, n.e.c. ....   | 18.80             | 1.6                                      | 11.95       | 14.99        | 18.56   | 21.76   | 26.00   |
| Drafters .....   | 18.84             | 4.0                                      | 11.90       | 14.00        | 17.19   | 22.00   | 29.10   |
| Surveying and mapping technicians .....  | 16.04             | 5.5                                      | 9.75        | 11.87        | 15.25   | 19.80   | 22.62   |
| Biological technicians .....   | 15.53             | 4.4                                      | 9.30        | 11.57        | 15.19   | 19.07   | 21.41   |
| Chemical technicians .....   | 17.15             | 2.4                                      | 12.10       | 13.91        | 16.20   | 20.97   | 22.42   |
| Science technicians, n.e.c. ....   | 18.06             | 3.3                                      | 11.98       | 14.50        | 17.46   | 22.21   | 23.31   |
| Airplane pilots and navigators .....   | 79.31             | 9.4                                      | 19.00       | 27.82        | 53.51   | 118.98  | 169.23  |
| Broadcast equipment operators .....  | 19.37             | 10.3                                     | 7.88        | 11.70        | 18.51   | 27.07   | 32.10   |
| Computer programmers .....   | 22.12             | 1.9                                      | 14.66       | 17.40        | 21.21   | 25.75   | 30.66   |
| Tool programmers, numerical control .....  | 17.32             | 4.7                                      | 14.29       | 15.11        | 15.11   | 18.10   | 23.56   |
| Legal assistants .....   | 17.29             | 2.5                                      | 12.02       | 14.52        | 16.92   | 19.26   | 22.67   |
| Technical and related, n.e.c. ....   | 18.77             | 1.7                                      | 11.00       | 13.81        | 17.87   | 22.37   | 27.09   |
| <b>Executive, administrative, and managerial</b>   |                   |  |             |              |         |         |         |
| Executives, administrators, and managers .....   | 31.78             | .9                                       | 15.89       | 21.20        | 28.85   | 38.16   | 48.56   |
| Legislators .....  | 12.98             | 16.9                                     | 3.46        | 3.46         | 8.00    | 23.20   | 27.65   |
| Chief executives and general administrators, public<br>administration .....                                  | 60.36             | 32.1                                     | 26.44       | 35.65        | 43.29   | 46.51   | 57.69   |
| Administrators and officials, public administration .....  | 25.81             | 1.7                                      | 15.71       | 19.89        | 24.75   | 29.28   | 37.59   |
| Financial managers .....   | 32.85             | 2.3                                      | 17.31       | 21.81        | 28.32   | 38.39   | 51.96   |
| Personnel and labor relations managers .....   | 32.20             | 3.1                                      | 17.31       | 21.63        | 30.61   | 39.70   | 45.35   |
| Purchasing managers .....  | 28.91             | 3.4                                      | 15.35       | 20.21        | 29.92   | 33.85   | 41.21   |
| Managers, marketing, advertising, and public relations<br>Administrators, education and related fields ..... | 35.29             | 2.0                                      | 17.30       | 24.18        | 33.78   | 43.58   | 54.91   |
| Managers, medicine and health .....  | 32.08             | 1.7                                      | 18.56       | 24.23        | 31.29   | 38.10   | 46.21   |
| Managers, food servicing and lodging establishments ..   | 29.30             | 2.3                                      | 17.22       | 21.13        | 26.19   | 34.08   | 44.45   |
| Managers, properties and real estate .....   | 18.29             | 3.3                                      | 11.00       | 13.15        | 16.13   | 20.67   | 28.63   |
| Managers, service organizations, n.e.c. ....   | 23.21             | 8.9                                      | 11.31       | 14.03        | 20.77   | 28.56   | 43.05   |
| Managers and administrators, n.e.c. ....   | 25.26             | 14.3                                     | 14.96       | 21.18        | 21.18   | 31.25   | 38.46   |
| Funeral directors .....  | 23.33             | 11.8                                     | 10.44       | 12.80        | 19.25   | 28.50   | 38.97   |
| Management related .....   | 34.39             | 1.4                                      | 18.05       | 23.08        | 30.90   | 40.55   | 51.92   |
| Accountants and auditors .....   | 21.91             | .8                                       | 13.08       | 16.08        | 20.11   | 25.44   | 32.12   |
| Underwriters .....   | 20.38             | 1.9                                      | 13.00       | 15.90        | 19.15   | 23.73   | 28.93   |
| Other financial officers .....   | 25.67             | 5.0                                      | 13.31       | 17.26        | 21.97   | 32.42   | 44.19   |
| Management analysts .....  | 24.83             | 3.4                                      | 13.46       | 16.59        | 21.43   | 27.88   | 40.00   |
| Personnel, training, and labor relations specialists .....   | 23.49             | 2.1                                      | 14.62       | 17.28        | 22.68   | 28.40   | 33.09   |
| Purchasing agents and buyers, farm products .....  | 21.16             | 2.3                                      | 12.55       | 15.45        | 19.83   | 24.71   | 32.09   |
| Buyers, wholesale and retail trade, except farm<br>products .....  | 18.92             | 9.5                                      | 10.00       | 14.68        | 19.00   | 23.55   | 26.39   |
| Purchasing agents and buyers, n.e.c. ....  | 23.23             | 5.8                                      | 13.05       | 15.69        | 20.91   | 27.00   | 32.45   |
| Business and promotional agents .....  | 21.85             | 2.2                                      | 13.50       | 15.98        | 20.50   | 25.31   | 34.72   |
| Construction inspectors .....  | 17.79             | 5.7                                      | 11.72       | 14.98        | 17.34   | 19.23   | 22.30   |
| Inspectors and compliance officers, except<br>construction .....   | 19.94             | 3.4                                      | 13.17       | 15.48        | 18.92   | 23.80   | 27.74   |
| Management related, n.e.c. ....  | 19.25             | 3.5                                      | 12.54       | 14.92        | 18.54   | 22.85   | 27.11   |
| Sales .....  | 22.37             | 1.2                                      | 13.23       | 16.32        | 20.69   | 25.75   | 32.88   |
| Supervisors, sales .....   | 15.26             | 5.3                                      | 6.50        | 7.75         | 10.80   | 17.42   | 28.62   |
| Insurance sales .....  | 20.17             | 4.1                                      | 9.10        | 11.54        | 15.81   | 23.02   | 34.36   |
| Real estate sales .....  | 22.57             | 14.0                                     | 9.43        | 12.73        | 16.43   | 24.26   | 35.05   |
|  | 36.41             | 17.8                                     | 11.85       | 13.60        | 25.94   | 46.61   | 67.56   |

See footnotes at end of table.

Supplementary table 1.2. **United States, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> full-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>   | Full-time workers |                                       |             |           |         |         |         |
|---|-------------------|---------------------------------------|-------------|-----------|---------|---------|---------|
|   | Hourly earnings   |                                       |             |           |         |         |         |
|   | Mean              | Relative error <sup>5</sup> (percent) | Percentiles |           |         |         |         |
| 10  |                   |                                       | 25          | Median 50 | 75      | 90      |         |
| <b>White collar –Continued</b>                                    |                   |                                       |             |           |         |         |         |
| <b>Sales –Continued</b>   |                   |                                       |             |           |         |         |         |
| Securities and financial services sales .....                     | \$37.43           | 9.5                                   | \$11.59     | \$14.30   | \$24.04 | \$49.47 | \$72.12 |
| Advertising and related sales .....                               | 20.05             | 6.7                                   | 10.99       | 11.76     | 16.49   | 24.62   | 32.38   |
| Sales, other business services .....                              | 20.19             | 5.5                                   | 8.51        | 11.54     | 16.05   | 23.22   | 34.03   |
| Sales engineers .....   | 27.46             | 4.4                                   | 17.35       | 21.59     | 25.67   | 33.24   | 38.49   |
| Sales representatives, mining, manufacturing, and wholesale ..... | 24.92             | 3.1                                   | 12.01       | 15.43     | 21.20   | 29.40   | 40.42   |
| Sales workers, motor vehicles and boats .....                     | 18.98             | 3.1                                   | 6.86        | 9.76      | 15.02   | 23.45   | 36.20   |
| Sales workers, apparel .....                                      | 9.16              | 4.3                                   | 5.75        | 6.50      | 7.75    | 10.00   | 13.92   |
| Sales workers, shoes .....  | 11.53             | 7.0                                   | 6.47        | 7.62      | 10.16   | 14.16   | 17.76   |
| Sales workers, furniture and home furnishings .....               | 14.02             | 8.2                                   | 6.75        | 8.00      | 11.30   | 18.10   | 25.38   |
| Sales workers, radio, tv, hi-fi, and appliances .....             | 10.51             | 6.7                                   | 5.75        | 6.67      | 8.27    | 12.09   | 17.49   |
| Sales workers, hardware and building supplies .....               | 11.51             | 6.2                                   | 7.00        | 8.00      | 9.64    | 12.50   | 16.59   |
| Sales workers, parts .....  | 14.85             | 4.7                                   | 8.00        | 10.10     | 13.63   | 18.54   | 23.30   |
| Sales workers, other commodities .....                            | 10.99             | 2.7                                   | 5.90        | 6.82      | 8.75    | 11.91   | 18.03   |
| Sales counter clerks .....  | 9.26              | 3.5                                   | 6.25        | 7.35      | 8.85    | 10.40   | 13.16   |
| Cashiers .....  | 8.43              | 1.6                                   | 6.00        | 7.20      | 7.75    | 9.12    | 11.42   |
| Street and door-to-door sales workers .....                       | 16.28             | 10.2                                  | 6.52        | 8.34      | 16.56   | 19.34   | 25.26   |
| Demonstrators, promoters, and models, sales .....                 | 12.37             | 8.2                                   | 7.09        | 8.94      | 11.07   | 14.42   | 15.63   |
| Sales support, n.e.c. ....  | 13.35             | 3.1                                   | 6.75        | 8.75      | 12.20   | 16.19   | 21.32   |
| <b>Administrative support, including clerical</b>                 |                   |                                       |             |           |         |         |         |
| Supervisors, general office .....                                 | 12.24             | .5                                    | 7.75        | 9.22      | 11.53   | 14.46   | 17.71   |
| Supervisors, computer equipment operators .....                   | 16.78             | 1.4                                   | 11.80       | 13.51     | 15.95   | 19.21   | 22.82   |
| Supervisors, financial records processing .....                   | 20.72             | 3.5                                   | 14.86       | 16.89     | 21.00   | 23.33   | 26.79   |
| Chief communications operators .....                              | 17.81             | 1.8                                   | 12.36       | 14.25     | 16.90   | 19.70   | 25.14   |
| Supervisors, distribution, scheduling, and adjusting clerks ..... | 16.89             | 6.5                                   | 10.27       | 12.28     | 17.11   | 18.43   | 26.54   |
| Computer operators .....  | 17.69             | 3.0                                   | 11.00       | 13.55     | 16.83   | 21.22   | 25.00   |
| Peripheral equipment operators .....                              | 14.14             | 1.7                                   | 9.81        | 11.40     | 13.48   | 16.57   | 19.30   |
| Secretaries .....   | 10.25             | 3.5                                   | 7.60        | 9.06      | 9.06    | 11.78   | 13.65   |
| Stenographers .....   | 13.49             | .7                                    | 9.00        | 10.66     | 13.02   | 15.74   | 18.51   |
| Typists .....   | 14.27             | 2.7                                   | 9.07        | 10.73     | 13.04   | 15.70   | 20.00   |
| Interviewers .....  | 12.01             | 1.5                                   | 8.75        | 9.83      | 11.54   | 13.85   | 15.73   |
| Hotel clerks .....  | 10.10             | 2.0                                   | 7.05        | 8.38      | 9.75    | 11.44   | 13.43   |
| Transportation ticket and reservation agents .....                | 8.73              | 3.6                                   | 6.41        | 7.00      | 8.00    | 9.74    | 12.20   |
| Receptionists .....   | 11.93             | 9.7                                   | 5.67        | 7.51      | 10.64   | 17.64   | 18.89   |
| Information clerks, n.e.c. ....                                   | 9.43              | 1.3                                   | 7.00        | 7.94      | 9.00    | 10.50   | 12.40   |
| Classified ad clerks .....  | 11.76             | 2.1                                   | 8.07        | 9.43      | 11.21   | 13.53   | 16.29   |
| Correspondence clerks .....                                       | 10.58             | 14.9                                  | 5.70        | 5.70      | 9.38    | 13.57   | 18.15   |
| Order clerks .....  | 12.02             | 3.2                                   | 8.17        | 9.12      | 11.13   | 14.22   | 16.73   |
| Personnel clerks, except payroll and timekeeping .....            | 12.30             | 2.4                                   | 7.75        | 9.35      | 11.50   | 14.35   | 18.14   |
| Library clerks .....  | 12.85             | 1.8                                   | 8.40        | 10.00     | 12.30   | 15.28   | 18.21   |
| File clerks .....   | 10.99             | 2.5                                   | 7.82        | 8.79      | 10.59   | 12.72   | 14.84   |
| Records clerks, n.e.c. ....                                       | 9.21              | 1.8                                   | 6.94        | 7.52      | 8.69    | 10.53   | 12.55   |
| Bookkeepers, accounting and auditing clerks .....                 | 11.16             | 1.3                                   | 7.32        | 8.78      | 10.57   | 13.14   | 15.51   |
| Payroll and timekeeping clerks .....                              | 11.86             | .7                                    | 8.14        | 9.68      | 11.50   | 13.43   | 15.95   |
| Billing clerks .....  | 12.79             | 1.7                                   | 9.00        | 10.38     | 12.35   | 14.43   | 17.44   |
| Cost and rate clerks .....  | 11.06             | 1.5                                   | 8.06        | 9.07      | 10.50   | 12.75   | 14.43   |
| Billing, posting, and calculating machine operators .....         | 11.76             | 6.8                                   | 6.37        | 9.16      | 11.06   | 14.75   | 17.40   |
| Duplicating machine operators .....                               | 10.81             | 5.9                                   | 6.72        | 8.08      | 9.88    | 12.54   | 15.39   |
| Mail preparing and paper handling machine operators .....         | 9.79              | 2.7                                   | 7.35        | 8.14      | 9.15    | 10.87   | 13.03   |
| Office machine operators, n.e.c. ....                             | 9.59              | 5.1                                   | 6.67        | 8.04      | 9.42    | 10.39   | 13.54   |
| Telephone operators .....   | 8.87              | 5.3                                   | 6.00        | 7.30      | 8.30    | 10.48   | 12.50   |
| Communications equipment operators, n.e.c. ....                   | 11.82             | 3.6                                   | 6.75        | 8.49      | 11.50   | 15.48   | 16.92   |
| Mail clerks, except postal service .....                          | 10.67             | 2.9                                   | 8.03        | 8.61      | 11.58   | 12.09   | 12.37   |
| Messengers .....  | 9.46              | 3.6                                   | 6.50        | 7.31      | 8.80    | 10.54   | 12.91   |
| Dispatchers .....   | 9.05              | 7.8                                   | 5.15        | 6.98      | 8.57    | 10.69   | 13.27   |
| Production coordinators .....                                     | 13.08             | 3.5                                   | 8.00        | 9.40      | 12.04   | 15.82   | 19.43   |
| Traffic, shipping and receiving clerks .....                      | 14.81             | 1.8                                   | 10.00       | 11.70     | 13.91   | 16.80   | 21.30   |
| Stock and inventory clerks .....                                  | 11.63             | 3.2                                   | 7.70        | 8.91      | 10.84   | 13.89   | 18.10   |
|   | 11.65             | 1.4                                   | 7.28        | 8.78      | 11.07   | 14.12   | 16.73   |

See footnotes at end of table.

Supplementary table 1.2. **United States, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> full-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>   | Full-time workers |  |             |              |              |              |              |
|---|-------------------|--|-------------|--------------|--------------|--------------|--------------|
|   | Hourly earnings   |  |             |              |              |              |              |
|   | Mean              | Relative error <sup>5</sup><br>(percent) | Percentiles |              |              |              |              |
| 10  |                   |  | 25          | Median<br>50 | 75           | 90           |              |
| <b>White collar –Continued</b>  |                   |  |             |              |              |              |              |
| <b>Administrative support, including clerical –Continued</b>            |                   |  |             |              |              |              |              |
| Meter readers .....   | \$15.16           | 4.0                                      | \$9.89      | \$11.68      | \$15.52      | \$18.41      | \$19.75      |
| Weighers, measurers, checkers, and samplers .....                       | 12.94             | 5.9                                      | 7.41        | 9.15         | 12.03        | 17.68        | 20.90        |
| Expeditors .....  | 13.42             | 3.5                                      | 8.70        | 10.45        | 12.50        | 15.84        | 18.70        |
| Material recording, scheduling, and distribution clerks,<br>n.e.c. .... | 12.17             | 3.3                                      | 6.54        | 8.64         | 10.76        | 15.63        | 19.53        |
| Insurance adjusters, examiners, and investigators .....                 | 14.98             | 2.9                                      | 9.58        | 11.29        | 13.70        | 16.92        | 21.69        |
| Investigators and adjusters, except insurance .....                     | 12.75             | 2.7                                      | 8.16        | 9.50         | 11.91        | 15.37        | 19.30        |
| Eligibility clerks, social welfare .....                                | 13.08             | 2.1                                      | 9.25        | 10.89        | 13.39        | 14.52        | 17.07        |
| Bill and account collectors .....                                       | 11.77             | 2.7                                      | 8.13        | 9.18         | 11.00        | 13.46        | 16.62        |
| General office clerks .....   | 11.50             | .8                                       | 7.72        | 9.00         | 11.04        | 13.39        | 15.95        |
| Bank tellers .....  | 9.14              | 1.6                                      | 7.00        | 7.70         | 8.66         | 9.95         | 11.92        |
| Proofreaders .....  | 12.75             | 13.1                                     | 7.43        | 8.49         | 12.70        | 18.41        | 18.41        |
| Data entry keyers .....   | 10.19             | 1.5                                      | 7.25        | 8.32         | 9.64         | 11.81        | 13.56        |
| Statistical clerks .....  | 11.67             | 4.0                                      | 7.82        | 9.18         | 11.03        | 13.96        | 17.09        |
| Teachers' aides .....   | 9.21              | 1.6                                      | 6.57        | 7.41         | 8.60         | 10.43        | 12.67        |
| Administrative support, n.e.c. ....                                     | 12.37             | 1.8                                      | 7.91        | 9.50         | 11.63        | 14.50        | 17.45        |
| <b>Blue collar .....</b>  | <b>13.17</b>      | <b>.7</b>                                | <b>7.00</b> | <b>8.88</b>  | <b>12.00</b> | <b>16.50</b> | <b>20.97</b> |
| <b>Precision production, craft, and repair .....</b>                    |                   |  |             |              |              |              |              |
| Supervisors, mechanics and repairers .....                              | 21.97             | 1.7                                      | 14.13       | 17.31        | 21.23        | 25.86        | 30.15        |
| Automobile mechanics .....  | 17.25             | 2.7                                      | 10.64       | 13.34        | 16.28        | 20.22        | 24.50        |
| Automobile mechanic apprentices .....                                   | 10.47             | 6.1                                      | 6.98        | 7.75         | 10.68        | 12.73        | 13.06        |
| Bus, truck, and stationary engine mechanics .....                       | 15.44             | 1.9                                      | 10.00       | 12.50        | 15.45        | 17.69        | 20.94        |
| Aircraft engine mechanics .....   | 21.80             | 3.2                                      | 15.11       | 17.40        | 23.16        | 25.23        | 27.39        |
| Small engine repairs .....  | 12.66             | 5.9                                      | 10.07       | 11.00        | 11.64        | 15.44        | 15.64        |
| Automobile body and related repairers .....                             | 16.55             | 5.1                                      | 10.40       | 11.81        | 15.00        | 18.46        | 26.63        |
| Aircraft mechanics, except engine .....                                 | 19.28             | 2.4                                      | 13.28       | 16.42        | 19.05        | 22.64        | 24.15        |
| Heavy equipment mechanics .....   | 17.30             | 3.1                                      | 11.50       | 13.06        | 17.39        | 20.48        | 23.99        |
| Farm equipment mechanics .....  | 14.58             | 10.6                                     | 10.02       | 11.00        | 13.77        | 16.85        | 22.47        |
| Industrial machinery repairers .....                                    | 16.57             | 1.9                                      | 11.22       | 13.31        | 16.12        | 19.71        | 23.28        |
| Machinery maintenance .....   | 13.52             | 2.6                                      | 9.05        | 10.08        | 13.50        | 15.40        | 19.42        |
| Electronic repairers, communications and industrial<br>equipment .....  | 17.70             | 3.6                                      | 10.36       | 12.65        | 17.62        | 22.58        | 25.08        |
| Data processing equipment repairers .....                               | 16.26             | 1.9                                      | 10.70       | 13.61        | 16.82        | 18.70        | 20.13        |
| Household appliance and power tool repairers .....                      | 16.97             | 6.1                                      | 10.00       | 12.26        | 17.30        | 21.02        | 24.31        |
| Telephone line installers and repairers .....                           | 19.28             | 3.0                                      | 12.48       | 18.46        | 20.58        | 22.30        | 22.75        |
| Telephone installers and repairers .....                                | 18.00             | 1.8                                      | 11.42       | 14.70        | 19.17        | 21.00        | 22.35        |
| Heating, air conditioning, and refrigeration mechanics ..               | 15.90             | 1.9                                      | 10.97       | 12.98        | 15.79        | 18.45        | 21.85        |
| Camera, watch, and musical instrument repairers .....                   | 16.47             | 14.1                                     | 8.41        | 11.58        | 15.84        | 21.01        | 22.89        |
| Locksmiths and safe repairers .....                                     | 17.30             | 4.8                                      | 12.21       | 16.81        | 16.81        | 20.33        | 20.77        |
| Office machine repairers .....  | 16.09             | 5.0                                      | 10.40       | 12.35        | 15.85        | 19.98        | 22.33        |
| Mechanical controls and valve repairers .....                           | 18.22             | 4.0                                      | 11.00       | 14.62        | 18.42        | 21.93        | 24.53        |
| Elevator installers and repairers .....                                 | 19.27             | 23.4                                     | 10.00       | 11.00        | 20.33        | 28.65        | 28.65        |
| Millwrights .....   | 19.06             | 5.5                                      | 13.24       | 15.15        | 20.49        | 22.90        | 23.40        |
| Mechanics and repairers, n.e.c. ....                                    | 15.67             | 1.4                                      | 9.50        | 11.91        | 15.33        | 19.24        | 22.36        |
| Supervisors, brickmasons, stonemasons, and<br>tiletsetters .....        | 18.44             | 5.3                                      | 13.07       | 13.92        | 18.00        | 23.00        | 25.99        |
| Supervisors, carpenters and related workers .....                       | 21.04             | 5.8                                      | 14.25       | 16.75        | 21.05        | 26.09        | 27.13        |
| Supervisors, electricians and power transmission<br>installers .....    | 22.78             | 4.8                                      | 15.00       | 17.00        | 20.76        | 27.87        | 32.76        |
| Supervisors, painters, paperhangers, and plasterers ....                | 18.30             | 2.3                                      | 15.90       | 17.58        | 18.00        | 20.00        | 20.50        |
| Supervisors, plumbers, pipefitters, and steamfitters .....              | 23.27             | 6.6                                      | 12.89       | 17.17        | 26.50        | 28.52        | 30.65        |
| Supervisors, construction trades, n.e.c. ....                           | 18.57             | 3.1                                      | 11.00       | 14.38        | 17.86        | 22.24        | 26.96        |
| Brickmasons and stonemasons .....                                       | 16.56             | 5.5                                      | 9.15        | 15.13        | 16.18        | 18.10        | 23.53        |
| Brickmason and stonemason apprentices .....                             | 12.73             | 9.6                                      | 8.50        | 9.64         | 11.68        | 16.00        | 18.75        |
| Carpet installers .....   | 24.12             | 4.9                                      | 14.75       | 23.37        | 26.77        | 26.95        | 30.00        |
| Carpenters .....  | 17.08             | 2.1                                      | 10.94       | 13.70        | 16.25        | 20.94        | 23.40        |
| Carpenter apprentices .....   | 12.47             | 3.6                                      | 9.27        | 10.16        | 11.81        | 13.92        | 17.52        |
| Drywall installers .....  | 15.46             | 2.3                                      | 12.00       | 13.50        | 14.21        | 17.00        | 18.95        |

See footnotes at end of table.



Supplementary table 1.2. **United States, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> full-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>  | Full-time workers |                                       |             |             |              |              |              |
|--|-------------------|---------------------------------------|-------------|-------------|--------------|--------------|--------------|
|  | Hourly earnings   |                                       |             |             |              |              |              |
|  | Mean              | Relative error <sup>5</sup> (percent) | Percentiles |             |              |              |              |
| 10   |                   |                                       | 25          | Median 50   | 75           | 90           |              |
| <b>Blue collar –Continued</b>                                      |                   |                                       |             |             |              |              |              |
| <b>Precision production, craft, and repair –Continued</b>          |                   |                                       |             |             |              |              |              |
| Electricians .....   | \$18.90           | 1.9                                   | \$12.75     | \$15.14     | \$17.77      | \$23.53      | \$26.50      |
| Electrician apprentices .....                                      | 13.27             | 6.3                                   | 7.45        | 9.41        | 12.00        | 17.22        | 20.63        |
| Electrical power installers and repairers .....                    | 21.47             | 2.7                                   | 14.32       | 18.12       | 22.17        | 24.81        | 27.23        |
| Painters, construction and maintenance .....                       | 15.62             | 5.7                                   | 8.50        | 10.81       | 14.70        | 19.79        | 24.28        |
| Plasterers .....   | 18.61             | 16.4                                  | 10.31       | 12.03       | 23.55        | 23.55        | 23.55        |
| Plumbers, pipefitters and steamfitters .....                       | 20.08             | 2.0                                   | 13.00       | 16.00       | 21.56        | 23.49        | 25.49        |
| Plumber, pipefitter, and steamfitter apprentices .....             | 14.33             | 4.4                                   | 9.00        | 11.50       | 13.82        | 17.39        | 17.99        |
| Concrete and terrazzo finishers .....                              | 14.24             | 8.6                                   | 8.66        | 10.00       | 12.50        | 17.50        | 21.48        |
| Glaziers .....   | 17.30             | 6.6                                   | 11.42       | 14.00       | 19.51        | 20.23        | 20.85        |
| Insulation workers .....   | 12.13             | 6.6                                   | 7.00        | 9.50        | 11.44        | 14.27        | 18.14        |
| Paving, surfacing, and tamping equipment operators ...             | 11.48             | 12.0                                  | 7.35        | 8.90        | 10.43        | 13.12        | 14.51        |
| Roofers .....  | 13.64             | 6.2                                   | 8.50        | 10.00       | 11.73        | 18.17        | 20.30        |
| Sheetmetal duct installers .....                                   | 19.43             | 8.1                                   | 11.20       | 13.29       | 20.08        | 26.58        | 26.58        |
| Structural metal workers .....                                     | 16.60             | 4.8                                   | 11.00       | 13.06       | 15.82        | 20.30        | 21.95        |
| Drillers, earth .....  | 11.49             | 10.6                                  | 9.25        | 9.25        | 11.52        | 12.50        | 15.97        |
| Construction trades, n.e.c. ....                                   | 14.76             | 2.8                                   | 8.30        | 10.47       | 13.65        | 17.87        | 23.35        |
| Supervisors, extractive .....                                      | 22.96             | 11.7                                  | 15.24       | 16.33       | 24.11        | 28.80        | 32.09        |
| Drillers, oil well .....   | 17.37             | 2.6                                   | 8.95        | 9.19        | 19.18        | 21.57        | 22.06        |
| Explosives workers .....   | 15.91             | 16.0                                  | 10.29       | 10.29       | 15.83        | 21.50        | 24.50        |
| Mining machine operators .....                                     | 18.63             | 6.4                                   | 14.41       | 17.14       | 17.54        | 20.80        | 25.11        |
| Mining, n.e.c. ....  | 19.72             | 3.6                                   | 14.41       | 19.35       | 20.77        | 21.71        | 21.71        |
| Supervisors, production .....                                      | 19.00             | 2.6                                   | 11.26       | 14.38       | 18.51        | 22.71        | 27.35        |
| Tool and die makers .....  | 19.72             | 1.8                                   | 14.02       | 16.90       | 20.15        | 23.62        | 24.31        |
| Tool and die maker apprentices .....                               | 14.33             | 4.9                                   | 9.40        | 10.85       | 13.83        | 16.23        | 20.66        |
| Precision assemblers, metal .....                                  | 16.19             | 3.0                                   | 10.93       | 12.83       | 15.63        | 19.62        | 21.71        |
| Machinists .....   | 17.12             | 1.1                                   | 12.37       | 14.82       | 16.73        | 19.71        | 22.48        |
| Machinist apprentices .....  | 12.63             | 4.9                                   | 8.75        | 10.90       | 12.17        | 14.50        | 15.55        |
| Boilermakers .....   | 18.28             | 5.2                                   | 12.75       | 14.00       | 20.91        | 21.76        | 23.12        |
| Precision grinders, filers, and tool sharpeners .....              | 14.90             | 4.7                                   | 6.85        | 11.87       | 15.27        | 18.31        | 23.40        |
| Patternmakers and modelmakers, metal .....                         | 18.21             | 5.7                                   | 9.50        | 14.05       | 17.47        | 24.55        | 24.96        |
| Layout workers .....   | 14.87             | 4.9                                   | 10.76       | 12.70       | 14.60        | 17.53        | 18.50        |
| Precious stones and metals workers .....                           | 8.98              | 8.8                                   | 6.25        | 6.59        | 8.00         | 10.50        | 14.38        |
| Engravers, metal .....   | 15.26             | 23.3                                  | 6.00        | 9.25        | 16.60        | 20.96        | 20.96        |
| Sheet metal workers .....  | 16.76             | 5.1                                   | 10.55       | 12.00       | 15.49        | 20.98        | 24.84        |
| Sheet metal worker apprentices .....                               | 13.39             | 7.0                                   | 8.00        | 10.50       | 12.98        | 15.02        | 21.39        |
| Cabinet makers and bench carpenters .....                          | 11.20             | 4.7                                   | 8.38        | 8.85        | 10.50        | 12.71        | 15.24        |
| Furniture and wood finishers .....                                 | 11.68             | 2.5                                   | 10.40       | 11.46       | 11.46        | 11.77        | 13.13        |
| Tailors .....  | 11.86             | 3.4                                   | 8.93        | 9.40        | 11.68        | 13.37        | 15.20        |
| Upholsterers .....   | 12.57             | 9.3                                   | 6.45        | 8.53        | 12.08        | 15.91        | 19.23        |
| Hand molders and shapers, except jewelers .....                    | 16.34             | 3.1                                   | 12.08       | 14.78       | 15.69        | 18.25        | 20.10        |
| Patternmakers, layout workers, and cutters .....                   | 20.05             | 7.7                                   | 11.01       | 15.12       | 21.66        | 25.01        | 25.98        |
| Optical goods workers .....  | 11.00             | 12.8                                  | 6.50        | 7.10        | 9.89         | 13.84        | 16.11        |
| Dental laboratory and medical appliance technicians ...            | 14.47             | 10.8                                  | 10.00       | 11.58       | 13.85        | 16.67        | 19.95        |
| Bookbinders .....  | 13.57             | 6.1                                   | 8.15        | 11.77       | 14.25        | 16.62        | 17.95        |
| Electrical and electronic equipment assemblers .....               | 9.81              | 3.0                                   | 6.60        | 7.89        | 9.78         | 11.00        | 13.34        |
| Miscellaneous precision workers, n.e.c. ....                       | 15.53             | 5.4                                   | 8.44        | 11.36       | 15.15        | 18.79        | 21.83        |
| Precision food production .....                                    | 10.90             | 7.3                                   | 7.64        | 8.68        | 11.75        | 12.24        | 14.09        |
| Butchers and meat cutters .....                                    | 10.30             | 3.7                                   | 6.89        | 8.25        | 9.64         | 11.20        | 15.85        |
| Bakers .....   | 10.00             | 5.3                                   | 6.80        | 7.50        | 9.15         | 11.00        | 14.71        |
| Food batchmakers .....   | 10.46             | 5.1                                   | 6.36        | 7.39        | 10.25        | 12.92        | 15.53        |
| Inspectors, testers, and graders .....                             | 16.40             | 2.2                                   | 10.59       | 12.38       | 15.90        | 20.21        | 22.23        |
| Precision inspectors, testers, and related workers,<br>n.e.c. .... | 19.04             | 6.6                                   | 12.94       | 14.48       | 17.48        | 22.57        | 26.39        |
| Adjusters and calibrators .....                                    | 13.34             | 14.2                                  | 8.94        | 9.00        | 10.45        | 14.49        | 19.55        |
| Water and sewer treatment plant operators .....                    | 15.69             | 2.7                                   | 10.09       | 13.04       | 15.48        | 18.62        | 21.34        |
| Power plant operators .....  | 22.02             | 1.9                                   | 16.40       | 18.78       | 22.48        | 25.20        | 28.29        |
| Stationary engineers .....   | 19.01             | 3.1                                   | 12.51       | 15.31       | 18.53        | 23.71        | 25.86        |
| Miscellaneous plant and system operators, n.e.c. ....              | 21.34             | 2.2                                   | 17.06       | 19.31       | 22.43        | 23.46        | 25.36        |
| <b>Machine operators, assemblers, and inspectors .....</b>         | <b>11.65</b>      | <b>.9</b>                             | <b>6.75</b> | <b>8.36</b> | <b>10.71</b> | <b>14.07</b> | <b>18.34</b> |

See footnotes at end of table.

Supplementary table 1.2. **United States, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> full-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>  | Full-time workers |  |             |              |              |              |              |
|--|-------------------|--|-------------|--------------|--------------|--------------|--------------|
|  | Hourly earnings   |  |             |              |              |              |              |
|  | Mean              | Relative error <sup>5</sup><br>(percent) | Percentiles |              |              |              |              |
| 10   |                   |  | 25          | Median<br>50 | 75           | 90           |              |
| <b>Blue collar –Continued</b>                                      |                   |  |             |              |              |              |              |
| <b>Machine operators, assemblers, and inspectors</b>               |                   |  |             |              |              |              |              |
| –Continued   |                   |  |             |              |              |              |              |
| Lathe and turning machine set-up operators .....                   | \$14.03           | 2.6                                      | \$10.99     | \$12.31      | \$13.63      | \$15.67      | \$17.82      |
| Lathe and turning machine operators .....                          | 12.83             | 6.3                                      | 9.68        | 9.83         | 11.30        | 15.45        | 18.53        |
| Milling and planing machine operators .....                        | 13.38             | 6.9                                      | 10.10       | 11.40        | 11.70        | 15.00        | 19.55        |
| Punching and stamping press operators .....                        | 12.10             | 3.0                                      | 7.50        | 8.82         | 11.52        | 14.13        | 19.81        |
| Rolling machine operators .....                                    | 13.46             | 6.1                                      | 8.81        | 9.72         | 13.80        | 15.52        | 17.75        |
| Drilling and boring machine operators .....                        | 11.39             | 12.2                                     | 6.75        | 7.38         | 10.75        | 14.77        | 17.44        |
| Grinding, abrading, buffing, and polishing machine operators ..... | 11.59             | 2.9                                      | 7.35        | 8.97         | 10.80        | 13.20        | 17.23        |
| Forging machine operators .....                                    | 12.86             | 4.5                                      | 10.25       | 11.02        | 12.05        | 14.66        | 16.45        |
| Numerical control machine operators .....                          | 13.57             | 2.1                                      | 9.32        | 11.70        | 12.72        | 15.74        | 17.93        |
| Fabricating machine operators, n.e.c. ....                         | 13.29             | 2.3                                      | 8.40        | 10.05        | 12.02        | 16.10        | 20.40        |
| Molding and casting machine operators .....                        | 10.41             | 2.9                                      | 6.60        | 7.80         | 10.20        | 12.20        | 14.50        |
| Metal plating machine operators .....                              | 12.03             | 3.1                                      | 7.57        | 9.55         | 12.40        | 14.50        | 15.80        |
| Heat treating equipment operators .....                            | 13.78             | 2.4                                      | 10.74       | 13.21        | 14.05        | 14.30        | 15.80        |
| Wood lathe, routing, and planing machine operators ....            | 10.63             | 11.7                                     | 6.85        | 6.85         | 10.10        | 11.86        | 14.91        |
| Sawing machine operators .....                                     | 9.14              | 5.2                                      | 6.00        | 8.00         | 8.93         | 10.60        | 11.50        |
| Shaping and jointing machine operators .....                       | 9.73              | 6.8                                      | 6.08        | 8.19         | 9.20         | 11.47        | 14.50        |
| Nailing and tacking machine operators .....                        | 9.91              | 2.3                                      | 6.58        | 6.58         | 11.33        | 12.32        | 12.50        |
| Printing press operators .....                                     | 14.69             | 3.2                                      | 9.00        | 10.87        | 14.09        | 17.64        | 21.40        |
| Photoengravers and lithographers .....                             | 15.31             | 2.9                                      | 9.80        | 12.03        | 15.75        | 17.98        | 21.18        |
| Typesetters and compositors .....                                  | 13.27             | 4.9                                      | 8.86        | 10.25        | 12.50        | 15.75        | 20.11        |
| Winding and twisting machine operators .....                       | 11.02             | 7.3                                      | 8.00        | 8.90         | 10.28        | 13.93        | 14.80        |
| Knitting, looping, taping, and weaving machine operators .....     | 10.10             | 1.9                                      | 7.63        | 9.39         | 9.98         | 10.91        | 12.19        |
| Textile cutting machine operators .....                            | 8.94              | 5.4                                      | 6.50        | 6.97         | 8.22         | 10.50        | 12.04        |
| Textile sewing machine operators .....                             | 7.99              | 2.7                                      | 5.50        | 6.26         | 7.53         | 8.92         | 10.62        |
| Shoe machine operators .....                                       | 9.11              | 8.6                                      | 6.13        | 7.02         | 9.08         | 11.34        | 12.43        |
| Pressing machine operators .....                                   | 7.98              | 6.4                                      | 5.23        | 5.85         | 7.46         | 9.51         | 10.91        |
| Laundering and dry cleaning machine operators .....                | 7.50              | 1.8                                      | 5.50        | 6.13         | 7.07         | 8.30         | 10.04        |
| Cementing and gluing machine operators .....                       | 9.58              | 9.5                                      | 6.75        | 6.75         | 9.26         | 12.25        | 13.63        |
| Packaging and filling machine operators .....                      | 10.56             | 4.4                                      | 6.50        | 7.48         | 9.42         | 12.84        | 16.29        |
| Extruding and forming machine operators .....                      | 11.28             | 2.7                                      | 7.81        | 9.14         | 10.51        | 13.36        | 14.76        |
| Mixing and blending machine operators .....                        | 13.27             | 2.8                                      | 7.75        | 10.36        | 13.42        | 15.62        | 19.86        |
| Separating, filtering, and clarifying machine operators ..         | 15.85             | 3.7                                      | 10.59       | 13.67        | 16.10        | 18.46        | 20.67        |
| Compressing and compacting machine operators .....                 | 10.45             | 2.3                                      | 9.39        | 9.95         | 10.23        | 10.66        | 12.54        |
| Painting and paint spraying machine operators .....                | 12.11             | 2.9                                      | 8.50        | 10.00        | 10.95        | 13.64        | 16.60        |
| Roasting and baking machine operators, food .....                  | 11.61             | 5.6                                      | 7.53        | 9.78         | 12.07        | 13.50        | 16.52        |
| Washing, cleaning, and pickling machine operators .....            | 10.98             | 9.5                                      | 6.24        | 8.05         | 9.08         | 13.21        | 19.89        |
| Folding machine operators .....                                    | 11.38             | 3.9                                      | 7.52        | 9.40         | 10.93        | 12.99        | 14.25        |
| Furnace, kiln, and oven operators, except food .....               | 13.68             | 4.4                                      | 8.25        | 10.74        | 12.60        | 16.07        | 20.34        |
| Crushing and grinding machine operators .....                      | 11.89             | 5.7                                      | 7.00        | 9.00         | 11.79        | 15.08        | 17.16        |
| Slicing and cutting machine operators .....                        | 12.72             | 3.6                                      | 8.72        | 10.65        | 13.43        | 14.71        | 15.71        |
| Photographic process machine operators .....                       | 10.64             | 2.8                                      | 6.66        | 8.36         | 10.27        | 12.70        | 14.89        |
| Miscellaneous machine operators, n.e.c. ....                       | 12.00             | 2.6                                      | 7.23        | 8.61         | 11.25        | 14.42        | 18.10        |
| Welders and cutters .....  | 14.20             | 1.9                                      | 9.00        | 11.17        | 13.94        | 16.70        | 20.85        |
| Solders and braziers .....   | 9.06              | 8.4                                      | 6.07        | 6.27         | 8.56         | 10.48        | 13.24        |
| Assemblers .....   | 11.73             | 2.6                                      | 6.25        | 7.90         | 10.25        | 14.53        | 20.36        |
| Hand cutting and trimming .....                                    | 9.55              | 8.9                                      | 5.15        | 7.00         | 9.02         | 10.87        | 14.54        |
| Hand molding, casting, and forming .....                           | 12.13             | 9.9                                      | 7.32        | 10.30        | 11.16        | 14.43        | 16.35        |
| Hand painting, coating, and decorating .....                       | 10.22             | 5.7                                      | 6.25        | 8.33         | 9.40         | 11.96        | 14.47        |
| Hand engraving and printing .....                                  | 8.91              | 3.5                                      | 7.24        | 7.87         | 9.23         | 9.97         | 10.63        |
| Miscellaneous hand working, n.e.c. ....                            | 9.99              | 3.5                                      | 6.65        | 7.62         | 8.92         | 11.31        | 14.45        |
| Production inspectors, checkers and examiners .....                | 11.12             | 2.6                                      | 7.01        | 8.36         | 10.00        | 12.82        | 17.34        |
| Production testers .....   | 11.75             | 3.4                                      | 7.00        | 9.19         | 11.04        | 13.63        | 16.90        |
| Production samplers and weighers .....                             | 13.64             | 4.5                                      | 9.05        | 12.55        | 14.35        | 14.35        | 15.81        |
| Graders and sorters, except agricultural .....                     | 9.21              | 6.4                                      | 7.25        | 7.47         | 9.26         | 10.93        | 12.00        |
| Hand inspectors, n.e.c. ....                                       | 9.27              | 7.5                                      | 6.50        | 7.00         | 8.80         | 10.25        | 12.60        |
| <b>Transportation and material moving .....</b>                    | <b>14.08</b>      | <b>1.1</b>                               | <b>8.01</b> | <b>10.10</b> | <b>13.36</b> | <b>17.00</b> | <b>20.99</b> |

See footnotes at end of table.

Supplementary table 1.2. **United States, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> full-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>   | Full-time workers |  |             |              |         |         |         |
|---|-------------------|--|-------------|--------------|---------|---------|---------|
|   | Hourly earnings   |  |             |              |         |         |         |
|   | Mean              | Relative error <sup>5</sup><br>(percent) | Percentiles |              |         |         |         |
| 10  |                   |  | 25          | Median<br>50 | 75      | 90      |         |
| <b>Blue collar –Continued</b>   |                   |  |             |              |         |         |         |
| <b>Transportation and material moving –Continued</b>                    |                   |  |             |              |         |         |         |
| Supervisors, motor vehicle operators .....                              | \$16.57           | 5.2                                      | \$10.10     | \$12.20      | \$15.13 | \$19.95 | \$24.61 |
| Truck drivers .....   | 14.04             | 1.2                                      | 8.41        | 10.48        | 13.75   | 16.88   | 20.99   |
| Driver-sales workers .....  | 15.07             | 3.5                                      | 8.85        | 10.97        | 14.39   | 18.22   | 21.57   |
| Bus drivers .....   | 13.49             | 2.1                                      | 8.00        | 10.17        | 13.51   | 16.44   | 19.19   |
| Taxicab drivers and chauffeurs .....                                    | 8.81              | 4.9                                      | 6.00        | 6.82         | 7.50    | 9.76    | 13.16   |
| Parking lot attendants .....  | 7.73              | 5.0                                      | 5.74        | 6.35         | 7.07    | 8.60    | 11.54   |
| Motor transportation, n.e.c. ....                                       | 9.70              | 5.6                                      | 5.79        | 6.25         | 8.35    | 11.58   | 16.72   |
| Railroad conductors and yardmasters .....                               | 26.78             | 4.4                                      | 16.69       | 20.73        | 25.97   | 32.15   | 37.96   |
| Locomotive operating .....  | 27.75             | 8.4                                      | 13.60       | 18.25        | 24.43   | 36.66   | 43.94   |
| Railroad brake, signal and switch operators .....                       | 23.30             | 10.2                                     | 14.35       | 15.59        | 20.27   | 29.21   | 37.15   |
| Rail vehicle operators, n.e.c. ....                                     | 21.02             | 4.4                                      | 17.33       | 19.78        | 19.78   | 21.67   | 26.71   |
| Ship captains and mates, except fishing boats .....                     | 16.40             | 3.9                                      | 9.00        | 14.17        | 14.92   | 19.42   | 23.29   |
| Sailors and deckhands .....   | 11.24             | 7.5                                      | 5.83        | 7.30         | 9.81    | 11.80   | 19.00   |
| Supervisors, material moving equipment .....                            | 18.74             | 6.2                                      | 12.68       | 14.66        | 18.63   | 23.22   | 23.93   |
| Operating engineers .....   | 17.33             | 8.1                                      | 9.73        | 11.70        | 16.84   | 23.27   | 25.84   |
| Hoist and winch operators .....   | 12.94             | 5.5                                      | 8.50        | 11.66        | 12.64   | 12.90   | 17.00   |
| Crane and tower operators .....   | 15.61             | 3.3                                      | 10.00       | 12.50        | 14.69   | 18.78   | 22.35   |
| Excavating and loading machine operators .....                          | 14.17             | 4.3                                      | 8.75        | 10.10        | 12.81   | 17.01   | 20.74   |
| Grader, dozer, and scraper operators .....                              | 13.46             | 6.4                                      | 8.01        | 9.76         | 11.71   | 15.75   | 22.02   |
| Industrial truck and tractor equipment operators .....                  | 12.12             | 1.8                                      | 7.98        | 9.63         | 11.62   | 13.91   | 17.34   |
| Miscellaneous material moving equipment operators,<br>n.e.c. ....       | 14.59             | 3.1                                      | 9.00        | 10.81        | 13.44   | 18.12   | 20.35   |
| <b>Handlers, equipment cleaners, helpers, and laborers</b> .....        | 10.11             | .8                                       | 6.08        | 7.25         | 9.10    | 12.05   | 15.68   |
| Nursery workers .....   | 7.40              | 3.7                                      | 5.77        | 6.01         | 6.90    | 8.66    | 9.25    |
| Supervisors, agriculture-related workers .....                          | 17.55             | 4.7                                      | 10.51       | 13.50        | 18.06   | 20.73   | 22.93   |
| Groundskeepers and gardeners, except farm .....                         | 9.41              | 5.8                                      | 6.52        | 7.15         | 8.19    | 10.98   | 14.33   |
| Animal caretakers, except farm .....                                    | 10.39             | 5.6                                      | 6.48        | 6.88         | 9.50    | 13.40   | 16.22   |
| Inspectors, agricultural products .....                                 | 8.09              | 8.8                                      | 6.05        | 6.50         | 7.13    | 8.40    | 11.10   |
| Supervisors, handlers, equipment cleaners, and<br>laborers, n.e.c. .... | 14.61             | 2.6                                      | 9.95        | 11.38        | 13.85   | 17.09   | 19.90   |
| Helpers, mechanics and repairers .....                                  | 11.78             | 4.4                                      | 7.00        | 8.60         | 11.70   | 14.17   | 16.62   |
| Helpers, construction trades .....                                      | 10.50             | 3.8                                      | 6.77        | 8.00         | 9.36    | 12.00   | 16.50   |
| Construction laborers .....   | 11.46             | 2.9                                      | 6.69        | 7.63         | 10.00   | 14.63   | 18.74   |
| Production helpers .....  | 9.82              | 3.5                                      | 6.00        | 7.21         | 9.36    | 11.70   | 14.91   |
| Garbage collectors .....  | 12.82             | 11.6                                     | 7.49        | 8.40         | 12.30   | 18.37   | 18.79   |
| Stevedores .....  | 18.82             | 3.7                                      | 10.00       | 19.40        | 19.40   | 23.00   | 23.50   |
| Stock handlers and baggers .....  | 9.97              | 1.7                                      | 6.26        | 7.30         | 9.26    | 11.85   | 14.50   |
| Machine feeders and offbearers .....                                    | 9.38              | 2.6                                      | 6.11        | 7.20         | 8.92    | 11.00   | 13.28   |
| Freight, stock, and material handlers, n.e.c. ....                      | 10.70             | 2.4                                      | 6.00        | 7.27         | 9.39    | 13.53   | 17.33   |
| Garage and service station related .....                                | 8.57              | 5.7                                      | 5.65        | 6.40         | 8.00    | 10.00   | 12.42   |
| Vehicle washers and equipment cleaners .....                            | 9.01              | 3.4                                      | 5.60        | 6.50         | 7.85    | 10.62   | 14.30   |
| Hand packers and packagers .....  | 8.63              | 1.8                                      | 5.88        | 6.70         | 8.00    | 9.67    | 11.95   |
| Laborers, except construction, n.e.c. ....                              | 9.81              | 1.3                                      | 6.04        | 7.26         | 9.00    | 11.68   | 14.63   |
| <b>Service</b> .....  | 10.30             | .8                                       | 5.40        | 6.56         | 8.55    | 12.20   | 18.04   |
| Protective service .....  | 14.89             | 1.6                                      | 7.01        | 9.40         | 13.64   | 19.42   | 24.12   |
| Supervisors, firefighters and fire prevention .....                     | 20.00             | 2.9                                      | 13.56       | 15.40        | 19.35   | 23.83   | 27.91   |
| Supervisors, police and detectives .....                                | 24.14             | 2.7                                      | 14.07       | 19.19        | 24.47   | 28.88   | 33.23   |
| Supervisors, guards .....   | 15.81             | 7.1                                      | 7.93        | 10.00        | 14.43   | 20.31   | 28.67   |
| Fire inspection and fire prevention .....                               | 18.48             | 4.8                                      | 13.94       | 14.90        | 18.48   | 21.35   | 24.11   |
| Firefighting .....  | 15.54             | 2.2                                      | 9.56        | 11.96        | 14.95   | 18.76   | 22.22   |
| Police and detectives, public service .....                             | 19.57             | 1.3                                      | 12.55       | 15.32        | 19.42   | 22.79   | 26.64   |
| Sheriffs, bailiffs, and other law enforcement officers .....            | 16.02             | 2.7                                      | 10.10       | 12.01        | 15.49   | 18.75   | 24.11   |
| Correctional institution officers .....                                 | 14.19             | 4.3                                      | 9.53        | 10.70        | 12.81   | 17.67   | 20.62   |
| Guards and police, except public service .....                          | 8.78              | 1.9                                      | 5.75        | 6.71         | 8.17    | 9.73    | 12.75   |
| Protective service, n.e.c. ....   | 13.02             | 5.3                                      | 6.95        | 9.17         | 11.99   | 17.00   | 20.86   |
| Food service .....  | 7.34              | .9                                       | 4.25        | 5.40         | 6.67    | 8.75    | 11.36   |
| Supervisors, food preparation and service .....                         | 11.82             | 1.6                                      | 7.68        | 9.05         | 11.25   | 13.83   | 16.75   |

See footnotes at end of table.

Supplementary table 1.2. **United States, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> full-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>                                  | Full-time workers |                                       |             |           |        |        |         |
|--|-------------------|---------------------------------------|-------------|-----------|--------|--------|---------|
|  | Hourly earnings   |                                       |             |           |        |        |         |
|  | Mean              | Relative error <sup>5</sup> (percent) | Percentiles |           |        |        |         |
| 10   |                   |                                       | 25          | Median 50 | 75     | 90     |         |
| <b>Service—Continued</b>                                 |                   |                                       |             |           |        |        |         |
| Food service—Continued                                   |                   |                                       |             |           |        |        |         |
| Bartenders .....   | \$6.71            | 3.4                                   | \$4.10      | \$5.15    | \$6.39 | \$7.85 | \$10.50 |
| Waiters and waitresses .....                             | 4.39              | 3.3                                   | 2.13        | 2.74      | 4.63   | 5.05   | 6.29    |
| Cooks .....  | 8.97              | 1.2                                   | 6.16        | 7.25      | 8.50   | 10.25  | 12.11   |
| Food counter, fountain, and related .....                | 6.42              | 2.4                                   | 5.15        | 5.39      | 6.10   | 7.10   | 8.58    |
| Kitchen workers, food preparation .....                  | 8.00              | 1.6                                   | 5.84        | 6.50      | 7.56   | 8.95   | 10.56   |
| Waiters'/Waitresses' assistants .....                    | 6.14              | 3.2                                   | 4.00        | 5.15      | 5.75   | 6.86   | 8.59    |
| Food preparation, n.e.c. ....                            | 7.13              | 2.8                                   | 5.51        | 6.18      | 6.50   | 7.68   | 9.60    |
| Health service .....                                     | 8.89              | .9                                    | 6.21        | 7.04      | 8.28   | 10.19  | 12.50   |
| Dental assistants .....                                  | 10.19             | 3.9                                   | 7.50        | 8.97      | 9.93   | 11.23  | 13.49   |
| Health aides, except nursing .....                       | 10.03             | 1.6                                   | 6.95        | 7.92      | 9.32   | 11.94  | 14.08   |
| Nursing aides, orderlies and attendants .....            | 8.58              | 1.0                                   | 6.08        | 6.91      | 8.00   | 9.70   | 11.99   |
| Cleaning and building service .....                      | 9.40              | 1.0                                   | 5.87        | 6.93      | 8.35   | 11.10  | 14.18   |
| Supervisors, cleaning and building service workers ..... | 11.23             | 10.8                                  | 8.03        | 8.03      | 9.03   | 13.52  | 18.40   |
| Maids and housemen .....                                 | 7.59              | 2.1                                   | 5.50        | 6.00      | 6.86   | 8.23   | 11.18   |
| Janitors and cleaners .....                              | 9.55              | 1.1                                   | 6.00        | 7.10      | 8.82   | 11.35  | 13.99   |
| Pest control .....                                       | 12.36             | 8.5                                   | 7.83        | 9.14      | 12.35  | 15.19  | 16.37   |
| Personal service .....                                   | 10.10             | 2.1                                   | 5.00        | 6.00      | 7.86   | 11.53  | 18.61   |
| Attendants, amusement, and recreation facilities .....   | 6.38              | 4.8                                   | 5.14        | 5.34      | 6.00   | 6.50   | 8.44    |
| Guides .....   | 10.05             | 3.8                                   | 6.66        | 7.31      | 9.41   | 11.06  | 14.13   |
| Public transportation attendants .....                   | 26.29             | 5.6                                   | 10.02       | 16.80     | 21.25  | 35.64  | 47.71   |
| Baggage porters and bellhops .....                       | 7.04              | 7.0                                   | 3.42        | 5.14      | 5.75   | 7.16   | 14.11   |
| Welfare service aides .....                              | 8.46              | 4.0                                   | 5.50        | 6.70      | 7.90   | 9.38   | 12.38   |
| Early childhood teachers' assistants .....               | 8.44              | 2.2                                   | 6.00        | 6.76      | 8.21   | 9.65   | 11.35   |
| Child care workers, n.e.c. ....                          | 8.98              | 3.8                                   | 6.15        | 7.11      | 8.25   | 9.91   | 12.50   |
| Service, n.e.c. ....                                     | 7.49              | 14.0                                  | 4.38        | 4.38      | 6.80   | 9.25   | 12.05   |

<sup>1</sup> Earnings are the 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. The 10th, 25th, 50th, 75th, and 90th percentiles designate position in the earnings distribution. At the 50th percentile, the median, half of the workers receive the same as or more than the rate shown, and half receive the same as or less than the rate shown. At the 25th percentile, one-fourth earn the same as or less than the rate shown. At the 75th percentile, one-fourth earn the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic.

<sup>2</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>3</sup> This survey covers all 50 States. Collection was conducted between July 1997 and

April 1999. The average reference period was August 1998.

<sup>4</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see appendix B in *National Compensation Survey: Occupational Wages in the United States, 1998*, Bulletin 2529.

<sup>5</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A in *National Compensation Survey: Occupational Wages in the United States, 1998*, Bulletin 2529.

NOTE: Overall occupational groups may include data for categories not shown separately and n.e.c. means "not elsewhere classified." Individual and average wage rates were collected in this update survey. A procedure was put into place to "move" the positional statistics where averages were collected. This procedure compares current locality survey data—at the quote level—with the same quote from the prior survey. Individual rates from the prior survey are moved by the average change in mean wages for the occupation.

Supplementary table 1.3. **United States, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998**

| Occupation <sup>4</sup>                                | Part-time workers |                                       |             |           |        |         |         |
|--|-------------------|---------------------------------------|-------------|-----------|--------|---------|---------|
|  | Hourly earnings   |                                       |             |           |        |         |         |
|  | Mean              | Relative error <sup>5</sup> (percent) | Percentiles |           |        |         |         |
| 10   |                   |                                       | 25          | Median 50 | 75     | 90      |         |
| <b>All</b> .....                                       | \$9.25            | 1.0                                   | \$5.15      | \$5.75    | \$7.07 | \$10.00 | \$16.45 |
| All excluding sales .....                              | 9.67              | 1.1                                   | 5.15        | 5.78      | 7.43   | 10.65   | 17.88   |
| <b>White collar</b> .....                              | 11.86             | 1.3                                   | 5.60        | 6.50      | 8.76   | 14.71   | 21.79   |
| White collar excluding sales .....                     | 14.55             | 1.4                                   | 6.58        | 8.21      | 11.55  | 18.47   | 25.11   |
| <b>Professional specialty and technical</b> .....      | 19.78             | 1.4                                   | 9.37        | 13.50     | 18.22  | 23.29   | 30.23   |
| Professional specialty .....                           | 21.69             | 1.5                                   | 10.00       | 15.55     | 20.00  | 25.18   | 33.15   |
| Engineers, architects, and surveyors .....             | 27.67             | 8.2                                   | 13.18       | 20.10     | 28.50  | 35.00   | 40.00   |
| Engineers, n.e.c. ....                                 | 32.46             | 5.6                                   | 25.48       | 28.93     | 33.00  | 35.00   | 36.66   |
| Mathematical and computer scientists .....             | 42.33             | 28.9                                  | 15.00       | 21.04     | 26.83  | 66.38   | 81.70   |
| Computer systems analysts and scientists .....         | 25.37             | 7.6                                   | 15.00       | 20.00     | 26.35  | 31.24   | 33.65   |
| Operations and systems researchers and analysts .....  | 51.40             | 27.4                                  | 11.00       | 26.41     | 56.17  | 76.59   | 86.81   |
| Natural scientists .....                               | 28.39             | 9.2                                   | 15.22       | 18.18     | 30.24  | 34.37   | 40.00   |
| Medical scientists .....                               | 29.60             | 10.6                                  | 18.18       | 19.11     | 34.37  | 34.37   | 40.00   |
| <b>Health related</b> .....                            | 22.84             | 1.4                                   | 15.48       | 18.00     | 20.78  | 25.14   | 30.79   |
| Physicians .....                                       | 55.99             | 5.2                                   | 37.13       | 45.00     | 54.55  | 64.10   | 73.11   |
| Dentists .....   | 33.02             | 8.1                                   | 22.00       | 28.12     | 35.48  | 37.51   | 44.00   |
| Registered nurses .....                                | 21.48             | 1.3                                   | 15.55       | 17.86     | 20.52  | 24.00   | 29.48   |
| Pharmacists .....                                      | 24.97             | 6.4                                   | 20.00       | 20.00     | 23.83  | 29.00   | 31.00   |
| Dietitians .....                                       | 18.36             | 3.1                                   | 12.76       | 15.91     | 18.49  | 20.60   | 22.10   |
| Respiratory therapists .....                           | 17.37             | 3.4                                   | 15.00       | 15.20     | 16.75  | 19.07   | 20.81   |
| Occupational therapists .....                          | 25.48             | 5.2                                   | 15.48       | 21.15     | 24.35  | 29.47   | 30.45   |
| Physical therapists .....                              | 25.66             | 8.9                                   | 20.00       | 20.00     | 21.17  | 30.33   | 35.00   |
| Speech therapists .....                                | 25.05             | 4.4                                   | 17.86       | 20.78     | 22.15  | 30.00   | 35.00   |
| Therapists, n.e.c. ....                                | 18.36             | 12.3                                  | 10.69       | 12.68     | 15.33  | 24.55   | 24.55   |
| <b>Teachers, college and university</b> .....          | 29.31             | 5.2                                   | 14.65       | 18.50     | 24.06  | 34.33   | 45.87   |
| Biological science teachers .....                      | 40.53             | 20.0                                  | 17.03       | 30.90     | 33.49  | 61.88   | 64.50   |
| Psychology teachers .....                              | 20.62             | 9.5                                   | 10.36       | 16.95     | 21.13  | 23.62   | 27.93   |
| History teachers .....                                 | 24.56             | 14.1                                  | 12.67       | 16.94     | 25.49  | 33.13   | 33.13   |
| Social science teachers, n.e.c. ....                   | 20.20             | 29.1                                  | 8.38        | 8.38      | 16.27  | 33.39   | 40.91   |
| Engineering teachers .....                             | 37.80             | 18.0                                  | 11.50       | 26.67     | 41.15  | 49.82   | 67.35   |
| Mathematical science teachers .....                    | 25.52             | 9.1                                   | 16.38       | 20.75     | 22.88  | 31.50   | 33.13   |
| Computer science teachers .....                        | 20.42             | 2.2                                   | 20.00       | 20.00     | 20.00  | 20.00   | 20.00   |
| Medical science teachers .....                         | 68.22             | 7.3                                   | 26.36       | 35.00     | 52.14  | 68.69   | 154.27  |
| Health specialties teachers .....                      | 21.69             | 10.9                                  | 12.20       | 16.43     | 20.00  | 25.45   | 34.33   |
| Business, commerce, and marketing teachers .....       | 24.26             | 8.5                                   | 12.44       | 15.39     | 21.87  | 30.44   | 38.43   |
| Art, drama, and music teachers .....                   | 26.05             | 7.8                                   | 15.59       | 18.60     | 24.50  | 32.96   | 38.11   |
| Physical education teachers .....                      | 24.99             | 14.4                                  | 10.77       | 15.02     | 22.45  | 38.43   | 40.91   |
| Education teachers .....                               | 19.09             | 10.4                                  | 11.58       | 12.96     | 16.05  | 22.47   | 28.59   |
| English teachers .....                                 | 27.32             | 6.8                                   | 17.03       | 19.38     | 26.46  | 33.76   | 38.43   |
| Foreign language teachers .....                        | 24.38             | 15.5                                  | 16.67       | 17.19     | 31.63  | 42.06   | 42.06   |
| Trade and industrial teachers .....                    | 21.81             | 8.5                                   | 17.03       | 18.05     | 22.01  | 28.50   | 29.78   |
| Teachers, post secondary, subject not specified .....  | 22.41             | 7.4                                   | 11.60       | 15.05     | 20.51  | 28.50   | 33.00   |
| Teachers, post secondary, n.e.c. ....                  | 27.26             | 5.6                                   | 13.64       | 17.40     | 25.00  | 34.74   | 41.49   |
| <b>Teachers, except college and university</b> .....   | 16.82             | 3.3                                   | 6.88        | 8.81      | 13.49  | 22.54   | 33.58   |
| Prekindergarten and kindergarten .....                 | 15.41             | 13.3                                  | 6.20        | 8.00      | 12.19  | 21.90   | 30.46   |
| Elementary school teachers .....                       | 25.34             | 7.9                                   | 13.90       | 16.31     | 24.15  | 31.29   | 39.24   |
| Secondary school teachers .....                        | 29.05             | 6.0                                   | 17.77       | 22.89     | 29.60  | 36.83   | 38.79   |
| Teachers, special education .....                      | 23.86             | 16.6                                  | 9.14        | 12.33     | 27.63  | 32.75   | 35.20   |
| Teachers, n.e.c. ....                                  | 18.02             | 7.1                                   | 7.62        | 10.50     | 15.07  | 23.23   | 35.00   |
| Substitute teachers .....                              | 9.84              | 3.8                                   | 6.41        | 7.25      | 8.90   | 10.91   | 14.78   |
| Vocational and educational counselors .....            | 21.88             | 11.8                                  | 13.07       | 14.66     | 17.93  | 25.89   | 41.10   |
| <b>Librarians, archivists, and curators</b> .....      | 17.25             | 5.1                                   | 10.61       | 14.50     | 16.69  | 19.77   | 25.14   |
| Librarians .....                                       | 17.28             | 5.3                                   | 10.61       | 14.30     | 16.69  | 18.92   | 25.14   |
| <b>Social scientists and urban planners</b> .....      | 20.74             | 8.2                                   | 12.85       | 14.52     | 17.10  | 25.34   | 32.42   |
| Psychologists .....                                    | 20.77             | 8.4                                   | 12.85       | 14.52     | 16.80  | 25.57   | 32.42   |
| <b>Social, recreation, and religious workers</b> ..... | 14.88             | 3.6                                   | 8.75        | 11.25     | 14.41  | 18.00   | 21.69   |
| Social workers .....                                   | 15.72             | 3.9                                   | 10.48       | 11.67     | 15.00  | 18.54   | 22.00   |
| Recreation workers .....                               | 10.88             | 9.4                                   | 6.14        | 7.00      | 10.67  | 14.26   | 15.76   |
| Clergy .....   | 14.71             | 10.1                                  | 8.80        | 12.29     | 15.00  | 18.42   | 18.44   |
| Religious workers, n.e.c. ....                         | 17.24             | 22.5                                  | 10.00       | 10.00     | 16.08  | 23.96   | 28.51   |
| <b>Lawyers and judges</b> .....                        | 27.03             | 10.6                                  | 14.23       | 14.91     | 24.32  | 31.80   | 40.00   |
| Lawyers .....  | 27.44             | 11.5                                  | 14.23       | 16.00     | 25.26  | 30.62   | 38.21   |

See footnotes at end of table.

Supplementary table 1.3. **United States, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>  | Part-time workers |                                       |             |           |         |         |         |
|--|-------------------|---------------------------------------|-------------|-----------|---------|---------|---------|
|  | Hourly earnings   |                                       |             |           |         |         |         |
|  | Mean              | Relative error <sup>5</sup> (percent) | Percentiles |           |         |         |         |
| 10   |                   |                                       | 25          | Median 50 | 75      | 90      |         |
| <b>White collar –Continued</b>   |                   |                                       |             |           |         |         |         |
| <b>Professional specialty and technical –Continued</b>                   |                   |                                       |             |           |         |         |         |
| Professional specialty –Continued  |                   |                                       |             |           |         |         |         |
| Lawyers and judges –Continued  |                   |                                       |             |           |         |         |         |
| Judges .....   | \$23.83           | 25.6                                  | \$14.91     | \$14.91   | \$14.91 | \$31.80 | \$49.08 |
| Writers, authors, entertainers, athletes, and professionals, n.e.c. .... | 16.16             | 7.7                                   | 6.25        | 8.37      | 12.31   | 19.43   | 30.08   |
| Technical writers .....  | 17.32             | 14.0                                  | 13.32       | 13.32     | 14.20   | 23.61   | 23.61   |
| Designers .....  | 12.78             | 14.6                                  | 8.37        | 8.57      | 9.75    | 17.09   | 18.50   |
| Musicians and composers .....  | 33.69             | 31.2                                  | 11.37       | 13.65     | 24.00   | 56.09   | 56.09   |
| Actors and directors .....   | 13.53             | 28.0                                  | 5.44        | 6.10      | 8.65    | 18.25   | 37.40   |
| Artists, performers, and related workers, n.e.c. ....                    | 10.91             | 10.1                                  | 6.00        | 8.22      | 9.29    | 12.06   | 16.93   |
| Editors and reporters .....  | 14.63             | 13.5                                  | 8.25        | 8.83      | 12.00   | 18.75   | 26.41   |
| Public relations specialists .....                                       | 19.55             | 12.8                                  | 9.83        | 16.00     | 19.55   | 19.55   | 36.78   |
| Announcers .....   | 16.04             | 26.2                                  | 9.00        | 9.00      | 11.00   | 15.00   | 34.67   |
| Athletes .....   | 12.11             | 9.3                                   | 5.65        | 6.78      | 10.00   | 15.50   | 22.00   |
| Professional, n.e.c. ....  | 24.37             | 16.3                                  | 9.35        | 13.10     | 23.97   | 28.80   | 43.08   |
| Technical .....  | 13.97             | 1.7                                   | 8.50        | 10.56     | 13.50   | 16.65   | 20.00   |
| Clinical laboratory technologists and technicians .....                  | 15.12             | 3.2                                   | 9.04        | 10.87     | 14.91   | 18.36   | 21.93   |
| Health record technologists and technicians .....                        | 13.14             | 7.4                                   | 9.78        | 9.94      | 11.50   | 16.14   | 18.65   |
| Radiological technicians .....   | 17.67             | 4.4                                   | 12.35       | 14.18     | 17.34   | 19.80   | 26.21   |
| Licensed practical nurses .....  | 13.32             | 1.8                                   | 9.48        | 11.00     | 13.16   | 15.00   | 17.90   |
| Health technologists and technicians, n.e.c. ....                        | 11.84             | 2.8                                   | 7.45        | 9.07      | 11.01   | 14.42   | 16.96   |
| Electrical and electronic technicians .....                              | 19.33             | 20.5                                  | 8.00        | 9.00      | 15.00   | 26.00   | 31.33   |
| Engineering technicians, n.e.c. ....                                     | 18.71             | 5.6                                   | 13.80       | 20.00     | 20.00   | 20.00   | 20.00   |
| Drafters .....   | 13.12             | 17.0                                  | 6.25        | 8.00      | 14.42   | 16.64   | 18.63   |
| Biological technicians .....   | 9.90              | 6.0                                   | 7.60        | 9.02      | 9.02    | 9.54    | 13.61   |
| Broadcast equipment operators .....                                      | 7.58              | 6.5                                   | 6.00        | 6.45      | 6.95    | 7.47    | 10.44   |
| Computer programmers .....   | 17.34             | 17.2                                  | 7.26        | 11.55     | 15.00   | 21.18   | 32.37   |
| Technical and related, n.e.c. ....                                       | 14.49             | 4.8                                   | 8.76        | 10.85     | 15.45   | 16.74   | 20.73   |
| <b>Executive, administrative, and managerial</b>                         |                   |                                       |             |           |         |         |         |
| Executives, administrators, and managers .....                           | 20.62             | 5.4                                   | 8.88        | 12.58     | 17.50   | 23.14   | 39.29   |
| Legislators .....  | 22.57             | 8.2                                   | 7.76        | 11.60     | 17.75   | 29.17   | 50.00   |
| Administrators and officials, public administration .....                | 17.90             | 21.2                                  | 4.38        | 6.92      | 10.00   | 23.08   | 30.29   |
| Financial managers .....   | 24.92             | 18.3                                  | 8.88        | 8.88      | 29.49   | 29.49   | 29.49   |
| Administrators, education and related fields .....                       | 25.37             | 20.8                                  | 16.13       | 16.13     | 18.82   | 24.37   | 50.00   |
| Managers, medicine and health .....                                      | 21.79             | 14.5                                  | 10.39       | 13.29     | 16.77   | 22.73   | 45.57   |
| Managers, food servicing and lodging establishments ..                   | 31.63             | 15.2                                  | 17.30       | 19.36     | 24.16   | 42.13   | 63.46   |
| Managers, service organizations, n.e.c. ....                             | 13.47             | 9.6                                   | 9.00        | 10.12     | 11.60   | 15.38   | 22.23   |
| Managers and administrators, n.e.c. ....                                 | 23.35             | 32.7                                  | 7.44        | 12.00     | 15.85   | 52.00   | 52.00   |
| Management related .....   | 21.99             | 20.1                                  | 7.15        | 16.14     | 19.52   | 33.66   | 39.29   |
| Accountants and auditors .....   | 18.30             | 4.6                                   | 10.46       | 14.40     | 17.26   | 21.27   | 25.82   |
| Other financial officers .....   | 20.73             | 3.3                                   | 17.50       | 18.50     | 20.00   | 23.33   | 25.82   |
| Management analysts .....  | 18.99             | 5.0                                   | 15.15       | 15.15     | 19.23   | 23.15   | 24.58   |
| Personnel, training, and labor relations specialists .....               | 34.42             | 15.8                                  | 16.09       | 34.17     | 36.26   | 36.82   | 54.39   |
| Management related, n.e.c. ....  | 17.55             | 9.7                                   | 12.49       | 13.95     | 16.65   | 19.95   | 24.47   |
|  | 16.67             | 8.5                                   | 8.26        | 12.38     | 15.22   | 19.12   | 23.28   |
| <b>Sales</b>   |                   |                                       |             |           |         |         |         |
| Supervisors, sales .....   | 7.12              | .9                                    | 5.25        | 5.65      | 6.35    | 7.66    | 9.75    |
| Advertising and related sales .....                                      | 10.87             | 18.7                                  | 6.44        | 6.55      | 8.42    | 12.30   | 25.98   |
| Sales, other business services .....                                     | 8.72              | 8.0                                   | 5.73        | 6.40      | 7.73    | 9.48    | 15.00   |
| Sales representatives, mining, manufacturing, and wholesale .....        | 8.92              | 8.3                                   | 5.75        | 6.50      | 8.00    | 9.00    | 10.88   |
| Sales workers, apparel .....   | 9.06              | 23.3                                  | 5.50        | 5.50      | 6.75    | 8.20    | 16.54   |
| Sales workers, shoes .....   | 7.37              | 4.8                                   | 5.40        | 5.80      | 6.60    | 7.78    | 9.60    |
| Sales workers, furniture and home furnishings .....                      | 7.39              | 4.1                                   | 5.27        | 5.90      | 6.75    | 8.00    | 10.30   |
| Sales workers, radio, tv, hi-fi, and appliances .....                    | 7.00              | 7.6                                   | 5.26        | 5.65      | 6.40    | 7.95    | 9.43    |
| Sales workers, hardware and building supplies .....                      | 7.47              | 4.6                                   | 5.50        | 6.00      | 6.38    | 7.93    | 10.65   |
| Sales workers, parts .....   | 8.25              | 2.5                                   | 6.14        | 7.00      | 8.00    | 9.05    | 10.35   |
| Sales workers, other commodities .....                                   | 7.66              | 5.0                                   | 5.79        | 6.28      | 7.08    | 8.26    | 10.04   |
| Sales counter clerks .....   | 7.26              | 1.1                                   | 5.35        | 5.75      | 6.50    | 8.00    | 10.14   |
|  | 6.78              | 3.2                                   | 5.25        | 5.59      | 6.16    | 7.35    | 9.00    |

See footnotes at end of table.

Supplementary table 1.3. **United States, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>   | Part-time workers |  |             |           |        |        |        |
|---|-------------------|--|-------------|-----------|--------|--------|--------|
|   | Hourly earnings   |  |             |           |        |        |        |
|   | Mean              | Relative error <sup>5</sup><br>(percent) | Percentiles |           |        |        |        |
| 10  |                   |  | 25          | Median 50 | 75     | 90     |        |
| <b>White collar –Continued</b>  |                   |  |             |           |        |        |        |
| <b>Sales –Continued</b>   |                   |  |             |           |        |        |        |
| Cashiers .....  | \$6.76            | 0.9                                      | \$5.20      | \$5.50    | \$6.00 | \$7.00 | \$9.02 |
| Street and door-to-door sales workers .....                             | 8.04              | 10.8                                     | 5.75        | 5.75      | 7.17   | 10.00  | 10.77  |
| News vendors .....  | 6.71              | 3.9                                      | 5.15        | 5.15      | 6.57   | 7.00   | 8.29   |
| Demonstrators, promoters, and models, sales .....                       | 7.34              | 3.5                                      | 5.88        | 6.25      | 6.74   | 8.00   | 9.00   |
| Sales support, n.e.c. ....  | 8.45              | 4.8                                      | 5.60        | 6.35      | 7.50   | 9.15   | 11.18  |
| <b>Administrative support, including clerical</b>                       |                   |  |             |           |        |        |        |
| Supervisors, general office .....                                       | 9.30              | 1.2                                      | 6.05        | 7.05      | 8.58   | 10.57  | 13.44  |
| Supervisors, general office .....                                       | 15.90             | 8.2                                      | 10.00       | 11.33     | 17.15  | 18.89  | 21.73  |
| Computer operators .....  | 9.49              | 10.8                                     | 5.30        | 8.03      | 8.54   | 12.00  | 14.00  |
| Secretaries .....   | 11.18             | 2.6                                      | 7.28        | 8.69      | 10.64  | 13.12  | 15.00  |
| Stenographers .....   | 12.90             | 8.8                                      | 9.19        | 9.75      | 11.98  | 15.11  | 18.68  |
| Typists .....   | 10.31             | 3.2                                      | 8.23        | 9.00      | 9.76   | 11.62  | 13.15  |
| Interviewers .....  | 8.88              | 4.0                                      | 6.50        | 6.75      | 8.01   | 10.59  | 12.66  |
| Hotel clerks .....  | 6.99              | 2.8                                      | 5.75        | 6.27      | 7.00   | 7.27   | 8.21   |
| Transportation ticket and reservation agents .....                      | 10.38             | 10.9                                     | 5.56        | 6.90      | 9.38   | 12.72  | 17.88  |
| Receptionists .....   | 8.08              | 2.1                                      | 5.81        | 6.55      | 7.58   | 9.06   | 10.50  |
| Information clerks, n.e.c. ....   | 11.84             | 17.1                                     | 7.00        | 8.15      | 9.50   | 11.91  | 24.93  |
| Correspondence clerks .....   | 10.14             | 12.5                                     | 6.00        | 6.75      | 9.68   | 12.17  | 16.21  |
| Order clerks .....  | 8.43              | 3.0                                      | 6.10        | 6.50      | 8.00   | 9.50   | 11.00  |
| Personnel clerks, except payroll and timekeeping .....                  | 9.88              | 3.4                                      | 7.50        | 9.02      | 9.60   | 10.55  | 11.90  |
| Library clerks .....  | 9.05              | 2.9                                      | 5.60        | 6.75      | 8.36   | 11.00  | 12.66  |
| File clerks .....   | 8.16              | 4.4                                      | 5.75        | 7.00      | 7.66   | 8.50   | 10.00  |
| Records clerks, n.e.c. ....   | 9.75              | 4.0                                      | 6.63        | 8.20      | 9.23   | 11.20  | 14.22  |
| Bookkeepers, accounting and auditing clerks .....                       | 9.03              | 4.2                                      | 6.00        | 7.04      | 8.60   | 10.09  | 12.37  |
| Payroll and timekeeping clerks .....                                    | 8.60              | 10.0                                     | 6.15        | 6.25      | 7.30   | 11.11  | 14.74  |
| Billing clerks .....  | 9.62              | 3.4                                      | 7.76        | 8.95      | 9.66   | 9.66   | 11.44  |
| Billing, posting, and calculating machine operators .....               | 8.32              | 3.9                                      | 7.00        | 7.44      | 7.81   | 8.64   | 11.00  |
| Duplicating machine operators .....                                     | 8.23              | 2.4                                      | 6.50        | 7.25      | 8.00   | 8.91   | 10.00  |
| Mail preparing and paper handling machine operators .....               | 7.63              | 6.5                                      | 6.50        | 6.50      | 6.99   | 7.59   | 11.14  |
| Office machine operators, n.e.c. ....                                   | 7.67              | 3.3                                      | 5.57        | 6.56      | 7.76   | 8.00   | 9.87   |
| Telephone operators .....   | 8.37              | 3.1                                      | 6.00        | 6.64      | 8.12   | 9.41   | 11.01  |
| Communications equipment operators, n.e.c. ....                         | 8.83              | 9.5                                      | 6.50        | 7.09      | 7.24   | 11.44  | 12.37  |
| Mail clerks, except postal service .....                                | 7.50              | 3.7                                      | 5.99        | 6.65      | 7.62   | 8.66   | 9.00   |
| Messengers .....  | 7.96              | 6.3                                      | 6.00        | 6.47      | 7.95   | 10.00  | 10.00  |
| Dispatchers .....   | 9.80              | 9.5                                      | 6.48        | 7.08      | 7.80   | 11.30  | 16.10  |
| Production coordinators .....   | 7.90              | 8.6                                      | 6.41        | 6.58      | 6.97   | 9.78   | 9.78   |
| Stock and inventory clerks .....  | 7.99              | 3.0                                      | 6.20        | 6.50      | 7.75   | 8.60   | 10.47  |
| Weighers, measurers, checkers, and samplers .....                       | 10.10             | 13.1                                     | 5.84        | 8.00      | 8.80   | 14.22  | 14.78  |
| Expeditors .....  | 11.76             | 7.8                                      | 6.94        | 11.50     | 12.00  | 13.10  | 14.50  |
| Material recording, scheduling, and distribution clerks,<br>n.e.c. .... | 7.50              | 5.1                                      | 5.50        | 5.84      | 6.73   | 9.00   | 10.47  |
| Insurance adjusters, examiners, and investigators .....                 | 10.44             | 5.3                                      | 8.17        | 10.00     | 10.58  | 10.88  | 12.90  |
| Investigators and adjusters, except insurance .....                     | 10.10             | 4.6                                      | 6.50        | 7.00      | 9.50   | 12.46  | 14.79  |
| Eligibility clerks, social welfare .....                                | 10.35             | 5.0                                      | 8.13        | 8.75      | 10.88  | 11.14  | 12.36  |
| Bill and account collectors .....                                       | 8.73              | 4.3                                      | 6.28        | 7.25      | 8.71   | 9.97   | 11.31  |
| General office clerks .....   | 8.67              | 2.2                                      | 5.64        | 6.81      | 8.08   | 10.00  | 12.11  |
| Bank tellers .....  | 8.43              | 1.6                                      | 6.70        | 7.28      | 8.17   | 9.13   | 10.40  |
| Data entry keyers .....   | 8.50              | 3.0                                      | 6.45        | 7.00      | 8.00   | 9.50   | 11.00  |
| Statistical clerks .....  | 9.32              | 5.1                                      | 6.42        | 7.88      | 9.11   | 11.29  | 13.19  |
| Teachers' aides .....   | 10.40             | 4.0                                      | 6.72        | 7.80      | 9.72   | 12.25  | 15.47  |
| Administrative support, n.e.c. ....                                     | 9.15              | 3.2                                      | 5.66        | 6.45      | 8.44   | 11.06  | 14.07  |
| <b>Blue collar</b> .....  | 8.00              | 1.3                                      | 5.25        | 5.70      | 6.90   | 9.15   | 12.40  |
| <b>Precision production, craft, and repair</b>                          |                   |  |             |           |        |        |        |
| Machinery maintenance .....   | 11.84             | 9.9                                      | 5.82        | 6.50      | 9.05   | 14.67  | 22.63  |
| Machinery maintenance .....   | 9.47              | 6.2                                      | 7.25        | 9.00      | 10.00  | 10.00  | 10.20  |
| Electronic repairers, communications and industrial<br>equipment .....  | 11.72             | 19.8                                     | 7.80        | 8.08      | 8.50   | 10.03  | 21.62  |
| Mechanics and repairers, n.e.c. ....                                    | 10.32             | 10.8                                     | 7.72        | 8.76      | 8.76   | 10.16  | 16.75  |
| Carpenters .....  | 12.55             | 13.2                                     | 7.50        | 7.75      | 10.05  | 12.00  | 24.50  |

See footnotes at end of table.

Supplementary table 1.3. **United States, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>  | Part-time workers |                                       |             |           |        |        |        |
|--|-------------------|---------------------------------------|-------------|-----------|--------|--------|--------|
|  | Hourly earnings   |                                       |             |           |        |        |        |
|  | Mean              | Relative error <sup>5</sup> (percent) | Percentiles |           |        |        |        |
| 10   |                   |                                       | 25          | Median 50 | 75     | 90     |        |
| <b>Blue collar –Continued</b>                                  |                   |                                       |             |           |        |        |        |
| <b>Precision production, craft, and repair –Continued</b>      |                   |                                       |             |           |        |        |        |
| Electrical and electronic equipment assemblers .....           | \$6.97            | 6.7                                   | \$5.65      | \$6.07    | \$6.40 | \$7.94 | \$8.78 |
| Bakers .....   | 8.26              | 9.5                                   | 5.65        | 6.25      | 7.00   | 9.64   | 13.86  |
| <b>Machine operators, assemblers, and inspectors</b>           |                   |                                       |             |           |        |        |        |
| Molding and casting machine operators .....                    | 7.47              | 2.0                                   | 5.33        | 5.88      | 6.90   | 8.32   | 10.10  |
| Printing press operators .....                                 | 6.65              | 8.9                                   | 5.15        | 5.15      | 6.50   | 7.25   | 9.08   |
| Typesetters and compositors .....                              | 10.03             | 20.0                                  | 5.25        | 5.25      | 9.00   | 11.28  | 18.34  |
| Textile sewing machine operators .....                         | 12.19             | 9.1                                   | 8.75        | 10.50     | 10.50  | 15.50  | 15.50  |
| Laundry and dry cleaning machine operators .....               | 6.72              | 7.6                                   | 5.15        | 5.21      | 6.79   | 7.62   | 9.20   |
| Packaging and filling machine operators .....                  | 6.93              | 3.8                                   | 5.15        | 5.72      | 6.58   | 7.24   | 9.40   |
| Photographic process machine operators .....                   | 9.67              | 5.8                                   | 6.00        | 7.38      | 8.95   | 10.15  | 14.49  |
| Miscellaneous machine operators, n.e.c. ....                   | 7.51              | 7.3                                   | 5.75        | 6.00      | 6.40   | 8.75   | 11.38  |
| Assemblers .....   | 7.62              | 8.0                                   | 5.40        | 5.60      | 7.00   | 9.00   | 10.12  |
| Miscellaneous hand working, n.e.c. ....                        | 6.79              | 2.1                                   | 5.50        | 6.00      | 6.50   | 7.45   | 8.38   |
| Production inspectors, checkers and examiners .....            | 5.70              | 3.4                                   | 5.11        | 5.11      | 5.33   | 6.50   | 7.00   |
| .....  | 8.54              | 7.4                                   | 6.33        | 7.41      | 8.36   | 9.00   | 12.87  |
| <b>Transportation and material moving</b>                      |                   |                                       |             |           |        |        |        |
| Truck drivers .....  | 9.94              | 2.1                                   | 5.62        | 7.11      | 9.48   | 12.20  | 14.44  |
| Driver-sales workers .....                                     | 11.11             | 4.3                                   | 6.08        | 7.71      | 11.53  | 13.61  | 15.93  |
| Bus drivers .....  | 6.58              | 8.9                                   | 4.75        | 5.15      | 5.79   | 7.56   | 8.25   |
| Taxicab drivers and chauffeurs .....                           | 11.12             | 2.0                                   | 7.72        | 8.95      | 10.70  | 12.70  | 14.47  |
| Parking lot attendants .....                                   | 7.26              | 8.5                                   | 5.33        | 6.00      | 6.52   | 7.50   | 9.62   |
| Motor transportation, n.e.c. ....                              | 6.22              | 4.6                                   | 5.00        | 5.25      | 6.00   | 7.00   | 7.80   |
| Industrial truck and tractor equipment operators .....         | 6.24              | 2.1                                   | 5.15        | 5.50      | 6.00   | 6.50   | 7.19   |
| Miscellaneous material moving equipment operators, n.e.c. .... | 10.17             | 8.2                                   | 6.74        | 7.63      | 8.00   | 12.14  | 18.46  |
| .....  | 10.14             | 1.8                                   | 8.69        | 8.69      | 9.33   | 11.12  | 12.18  |
| <b>Handlers, equipment cleaners, helpers, and laborers</b>     |                   |                                       |             |           |        |        |        |
| Nursery workers .....  | 7.12              | 1.0                                   | 5.19        | 5.50      | 6.30   | 7.82   | 10.16  |
| Groundskeepers and gardeners, except farm .....                | 6.07              | 3.9                                   | 5.50        | 5.75      | 5.75   | 7.00   | 7.00   |
| Helpers, mechanics and repairers .....                         | 7.57              | 3.6                                   | 5.50        | 6.05      | 7.16   | 8.23   | 10.00  |
| Helpers, construction trades .....                             | 8.04              | 6.6                                   | 6.00        | 6.00      | 8.00   | 9.11   | 10.45  |
| Construction laborers .....                                    | 8.13              | 16.1                                  | 5.32        | 5.61      | 7.50   | 8.61   | 17.15  |
| Production helpers .....                                       | 7.32              | 6.5                                   | 5.19        | 5.72      | 6.74   | 8.00   | 8.96   |
| Stock handlers and baggers .....                               | 6.89              | 3.9                                   | 5.25        | 5.52      | 6.50   | 8.10   | 8.71   |
| Machine feeders and offbearers .....                           | 6.49              | 1.2                                   | 5.18        | 5.44      | 5.99   | 6.85   | 8.50   |
| Freight, stock, and material handlers, n.e.c. ....             | 8.48              | 10.2                                  | 5.29        | 6.17      | 8.16   | 9.30   | 10.30  |
| Garage and service station related .....                       | 9.37              | 2.1                                   | 6.24        | 7.42      | 8.93   | 10.69  | 12.84  |
| Vehicle washers and equipment cleaners .....                   | 6.93              | 12.3                                  | 5.25        | 5.35      | 5.65   | 6.50   | 14.45  |
| Hand packers and packagers .....                               | 6.93              | 4.7                                   | 5.15        | 5.25      | 6.09   | 7.20   | 10.92  |
| Laborers, except construction, n.e.c. ....                     | 6.96              | 1.8                                   | 5.25        | 5.75      | 6.52   | 7.35   | 9.58   |
| .....  | 6.90              | 3.3                                   | 5.15        | 5.42      | 6.50   | 7.61   | 9.08   |
| <b>Service</b>   |                   |                                       |             |           |        |        |        |
| Protective service .....                                       | 6.61              | .7                                    | 4.50        | 5.25      | 6.15   | 7.64   | 9.39   |
| Supervisors, guards .....                                      | 8.16              | 1.9                                   | 5.70        | 6.37      | 7.43   | 8.80   | 11.87  |
| Firefighting .....   | 8.95              | 6.2                                   | 6.09        | 8.75      | 8.75   | 9.73   | 12.30  |
| Police and detectives, public service .....                    | 7.07              | 9.0                                   | 5.75        | 5.75      | 6.35   | 7.00   | 9.96   |
| Sheriffs, bailiffs, and other law enforcement officers .....   | 10.97             | 13.8                                  | 6.99        | 6.99      | 9.29   | 12.13  | 19.59  |
| Correctional institution officers .....                        | 12.54             | 7.5                                   | 7.59        | 10.28     | 12.50  | 13.91  | 15.00  |
| Crossing guards .....  | 10.84             | 14.9                                  | 6.33        | 8.48      | 10.62  | 14.62  | 15.24  |
| Guards and police, except public service .....                 | 8.35              | 4.6                                   | 5.65        | 6.50      | 7.59   | 10.00  | 12.21  |
| Protective service, n.e.c. ....                                | 7.88              | 1.7                                   | 5.62        | 6.45      | 7.28   | 8.22   | 10.70  |
| Food service .....   | 8.05              | 7.8                                   | 5.55        | 6.08      | 7.23   | 10.23  | 11.57  |
| Supervisors, food preparation and service .....                | 5.66              | .8                                    | 2.38        | 5.15      | 5.65   | 6.55   | 8.00   |
| Bartenders .....   | 7.55              | 3.5                                   | 5.40        | 6.25      | 7.20   | 8.40   | 10.21  |
| Waiters and waitresses .....                                   | 5.76              | 3.1                                   | 3.50        | 5.15      | 6.00   | 6.50   | 7.50   |
| Cooks .....  | 3.83              | 2.6                                   | 2.13        | 2.16      | 2.90   | 5.15   | 6.35   |
| Food counter, fountain, and related .....                      | 7.39              | 1.7                                   | 5.25        | 6.00      | 7.07   | 8.34   | 9.85   |
| Kitchen workers, food preparation .....                        | 5.90              | 1.3                                   | 5.15        | 5.28      | 5.60   | 6.17   | 7.06   |
| .....  | 6.88              | 1.3                                   | 5.25        | 5.65      | 6.50   | 7.39   | 9.32   |

See footnotes at end of table.



Supplementary table 1.3. **United States, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>                                  | Part-time workers |                                       |             |           |        |        |        |
|--|-------------------|---------------------------------------|-------------|-----------|--------|--------|--------|
|  | Hourly earnings   |                                       |             |           |        |        |        |
|  | Mean              | Relative error <sup>5</sup> (percent) | Percentiles |           |        |        |        |
| 10   |                   |                                       | 25          | Median 50 | 75     | 90     |        |
| <b>Service—Continued</b>                                 |                   |                                       |             |           |        |        |        |
| Food service—Continued                                   |                   |                                       |             |           |        |        |        |
| Waiters/waitresses' assistants .....                     | \$5.01            | 2.4                                   | \$2.65      | \$3.66    | \$5.20 | \$5.78 | \$6.50 |
| Food preparation, n.e.c. ....                            | 6.29              | 1.1                                   | 5.15        | 5.32      | 5.85   | 6.83   | 8.35   |
| Health service .....                                     | 8.19              | 1.2                                   | 5.86        | 6.68      | 7.95   | 9.19   | 11.01  |
| Health aides, except nursing .....                       | 8.44              | 2.7                                   | 5.75        | 6.00      | 8.00   | 9.81   | 12.17  |
| Nursing aides, orderlies and attendants .....            | 8.13              | 1.4                                   | 5.98        | 6.78      | 7.92   | 9.13   | 10.82  |
| Cleaning and building service .....                      | 6.84              | 1.1                                   | 5.15        | 5.50      | 6.33   | 7.57   | 8.94   |
| Supervisors, cleaning and building service workers ..... | 7.84              | 5.3                                   | 6.00        | 7.00      | 7.50   | 9.00   | 10.08  |
| Maids and housemen .....                                 | 7.07              | 2.4                                   | 5.32        | 6.00      | 6.53   | 7.93   | 8.62   |
| Janitors and cleaners .....                              | 6.77              | 1.2                                   | 5.15        | 5.50      | 6.17   | 7.50   | 8.90   |
| Personal service .....                                   | 7.10              | 3.7                                   | 5.00        | 5.19      | 6.20   | 7.88   | 9.75   |
| Supervisors, personal service .....                      | 9.42              | 6.0                                   | 6.25        | 7.00      | 8.00   | 12.82  | 13.59  |
| Hairdressers and cosmetologists .....                    | 8.28              | 5.4                                   | 5.19        | 6.22      | 8.19   | 9.93   | 11.21  |
| Attendants, amusement, and recreation facilities .....   | 5.84              | 6.0                                   | 5.00        | 5.00      | 5.21   | 6.15   | 7.60   |
| Guides .....   | 7.58              | 7.1                                   | 5.50        | 6.00      | 6.12   | 8.35   | 11.26  |
| Ushers .....   | 6.21              | 3.9                                   | 5.15        | 5.40      | 5.77   | 6.45   | 8.01   |
| Public transportation attendants .....                   | 14.31             | 17.2                                  | 6.57        | 6.61      | 8.57   | 14.36  | 37.12  |
| Baggage porters and bellhops .....                       | 8.03              | 7.2                                   | 5.15        | 5.25      | 6.00   | 8.25   | 17.82  |
| Welfare service aides .....                              | 6.30              | 5.9                                   | 5.15        | 5.15      | 5.16   | 7.00   | 8.75   |
| Early childhood teachers' assistants .....               | 7.44              | 2.9                                   | 5.40        | 5.87      | 6.66   | 8.17   | 10.30  |
| Child care workers, n.e.c. ....                          | 7.88              | 2.9                                   | 5.56        | 6.35      | 7.60   | 9.05   | 9.89   |
| Service, n.e.c. ....                                     | 7.74              | 5.4                                   | 5.15        | 5.85      | 6.50   | 7.86   | 11.00  |

<sup>1</sup> Earnings are the 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. The 10th, 25th, 50th, 75th, and 90th percentiles designate position in the earnings distribution. At the 50th percentile, the median, half of the workers receive the same as or more than the rate shown, and half receive the same as or less than the rate shown. At the 25th percentile, one-fourth earn the same as or less than the rate shown. At the 75th percentile, one-fourth earn the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic.

<sup>2</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>3</sup> This survey covers all 50 States. Collection was conducted between July 1997 and

April 1999. The average reference period was August 1998.

<sup>4</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see appendix B in *National Compensation Survey: Occupational Wages in the United States, 1998*, Bulletin 2529.

<sup>5</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A in *National Compensation Survey: Occupational Wages in the United States, 1998*, Bulletin 2529.

NOTE: Overall occupational groups may include data for categories not shown separately and n.e.c. means "not elsewhere classified." Individual and average wage rates were collected in this update survey. A procedure was put into place to "move" the positional statistics where averages were collected. This procedure compares current locality survey data—at the quote level—with the same quote from the prior survey. Individual rates from the prior survey are moved by the average change in mean wages for the occupation.

Supplementary table 2.1. **Private industry, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> all workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998**

| Occupation <sup>4</sup>                               | All workers     |  |             |              |         |         |         |
|---|-----------------|--|-------------|--------------|---------|---------|---------|
|   | Hourly earnings |  |             |              |         |         |         |
|   | Mean            | Relative error <sup>5</sup><br>(percent) | Percentiles |              |         |         |         |
| 10  |                 |  | 25          | Median<br>50 | 75      | 90      |         |
| <b>All</b> .....                                      | \$14.95         | 0.6                                      | \$6.25      | \$8.09       | \$12.00 | \$18.48 | \$26.44 |
| All excluding sales .....                             | 15.10           | .6                                       | 6.33        | 8.34         | 12.25   | 18.72   | 26.50   |
| <b>White collar</b> .....                             | 18.83           | .7                                       | 7.53        | 10.19        | 15.39   | 23.31   | 33.46   |
| White collar excluding sales .....                    | 19.96           | .7                                       | 8.67        | 11.49        | 16.66   | 24.51   | 34.50   |
| <b>Professional specialty and technical</b> .....     | 23.63           | .8                                       | 12.11       | 15.87        | 20.96   | 28.00   | 36.25   |
| Professional specialty .....                          | 25.80           | .8                                       | 14.40       | 18.14        | 23.44   | 30.46   | 38.75   |
| Engineers, architects, and surveyors .....            | 29.30           | .7                                       | 19.56       | 23.17        | 28.16   | 34.01   | 40.71   |
| Architects .....                                      | 25.69           | 9.8                                      | 13.47       | 18.50        | 24.15   | 30.45   | 38.60   |
| Aerospace engineers .....                             | 30.96           | 2.5                                      | 20.89       | 24.70        | 30.28   | 35.85   | 42.61   |
| Metallurgical and materials engineers .....           | 28.65           | 4.4                                      | 19.25       | 23.05        | 28.88   | 35.55   | 37.26   |
| Mining engineers .....                                | 32.66           | 7.6                                      | 25.50       | 29.12        | 29.12   | 40.00   | 40.00   |
| Petroleum engineers .....                             | 43.02           | 4.4                                      | 29.09       | 35.85        | 43.61   | 47.95   | 57.56   |
| Chemical engineers .....                              | 33.38           | 2.2                                      | 24.26       | 26.92        | 34.00   | 37.87   | 45.91   |
| Nuclear engineers .....                               | 35.18           | 1.8                                      | 27.24       | 31.46        | 34.09   | 39.02   | 43.23   |
| Civil engineers .....                                 | 28.60           | 3.1                                      | 18.10       | 21.71        | 26.14   | 34.46   | 42.55   |
| Electrical and electronic engineers .....             | 30.48           | 1.1                                      | 21.01       | 24.65        | 29.33   | 35.07   | 40.70   |
| Industrial engineers .....                            | 25.34           | 2.4                                      | 17.51       | 20.86        | 24.13   | 28.47   | 33.65   |
| Mechanical engineers .....                            | 26.30           | 1.3                                      | 19.12       | 21.39        | 25.96   | 30.00   | 34.44   |
| Marine engineers and naval architects .....           | 32.03           | 4.5                                      | 23.79       | 26.40        | 32.50   | 35.71   | 39.96   |
| Engineers, n.e.c. ....                                | 30.48           | 1.2                                      | 20.06       | 24.70        | 29.76   | 35.57   | 41.54   |
| Surveyors and mapping scientists .....                | 22.59           | 7.6                                      | 13.80       | 18.52        | 19.20   | 25.01   | 34.62   |
| Mathematical and computer scientists .....            | 28.64           | 1.6                                      | 18.75       | 22.50        | 27.28   | 32.81   | 39.51   |
| Computer systems analysts and scientists .....        | 28.68           | 1.4                                      | 19.13       | 22.88        | 27.57   | 32.89   | 39.47   |
| Operations and systems researchers and analysts ..... | 28.68           | 6.9                                      | 17.56       | 21.19        | 25.96   | 32.40   | 40.01   |
| Actuaries .....                                       | 27.38           | 9.2                                      | 15.14       | 20.84        | 25.87   | 32.99   | 39.32   |
| Statisticians .....                                   | 24.53           | 9.2                                      | 12.98       | 19.23        | 25.75   | 31.13   | 32.19   |
| Mathematical scientists, n.e.c. ....                  | 28.77           | 9.9                                      | 17.66       | 22.39        | 27.61   | 32.51   | 40.87   |
| Natural scientists .....                              | 28.09           | 2.1                                      | 15.87       | 20.19        | 26.81   | 33.95   | 42.02   |
| Physicists and astronomers .....                      | 41.13           | 5.1                                      | 27.23       | 35.06        | 41.45   | 46.84   | 57.01   |
| Chemists, except biochemists .....                    | 29.23           | 3.7                                      | 16.73       | 20.89        | 27.91   | 35.89   | 43.56   |
| Atmospheric and space scientists .....                | 22.61           | 16.0                                     | 12.60       | 15.93        | 18.27   | 31.25   | 36.74   |
| Geologists and geodesists .....                       | 32.87           | 6.6                                      | 18.03       | 22.05        | 30.69   | 39.51   | 52.64   |
| Physical scientists, n.e.c. ....                      | 29.54           | 2.4                                      | 18.75       | 25.49        | 30.00   | 33.57   | 37.31   |
| Agricultural and food scientists .....                | 24.39           | 8.6                                      | 13.46       | 16.84        | 25.00   | 27.48   | 37.08   |
| Biological and life scientists .....                  | 24.58           | 4.6                                      | 14.52       | 17.96        | 22.94   | 29.01   | 38.28   |
| Medical scientists .....                              | 25.03           | 6.1                                      | 13.10       | 16.30        | 21.89   | 31.37   | 41.00   |
| Health related .....                                  | 22.72           | 1.1                                      | 14.78       | 17.13        | 20.14   | 24.48   | 30.61   |
| Physicians .....                                      | 44.15           | 6.7                                      | 15.63       | 17.50        | 30.05   | 64.10   | 80.97   |
| Dentists .....  | 34.69           | 6.8                                      | 24.01       | 31.87        | 35.48   | 38.03   | 40.50   |
| Optometrists .....                                    | 38.60           | 6.1                                      | 30.29       | 33.58        | 38.63   | 44.26   | 46.38   |
| Health diagnosing practitioners, n.e.c. ....          | 19.82           | 12.7                                     | 13.70       | 14.42        | 16.45   | 24.85   | 27.39   |
| Registered nurses .....                               | 20.84           | .8                                       | 14.96       | 17.10        | 19.90   | 23.26   | 27.88   |
| Pharmacists .....                                     | 27.93           | 1.1                                      | 23.51       | 25.70        | 27.64   | 30.25   | 33.30   |
| Dietitians .....                                      | 16.86           | 1.7                                      | 12.74       | 14.17        | 16.87   | 19.47   | 20.69   |
| Respiratory therapists .....                          | 17.86           | 1.8                                      | 13.82       | 15.41        | 17.42   | 19.94   | 22.46   |
| Occupational therapists .....                         | 23.11           | 3.4                                      | 13.94       | 18.51        | 23.00   | 27.41   | 30.00   |
| Physical therapists .....                             | 23.87           | 2.3                                      | 17.67       | 20.27        | 23.19   | 26.59   | 30.41   |
| Speech therapists .....                               | 23.15           | 3.1                                      | 16.23       | 19.23        | 22.70   | 26.92   | 30.55   |
| Therapists, n.e.c. ....                               | 16.07           | 3.8                                      | 11.17       | 12.53        | 14.73   | 17.58   | 23.59   |
| Physicians' assistants .....                          | 26.78           | 4.5                                      | 10.40       | 22.86        | 28.70   | 32.01   | 36.97   |
| Teachers, college and university .....                | 36.20           | 2.4                                      | 19.38       | 24.04        | 31.99   | 43.96   | 59.21   |
| Biological science teachers .....                     | 36.20           | 8.2                                      | 22.06       | 26.30        | 31.05   | 43.91   | 54.63   |
| Chemistry teachers .....                              | 43.11           | 16.8                                     | 20.75       | 23.99        | 34.24   | 59.09   | 80.62   |
| Physics teachers .....                                | 49.91           | 6.5                                      | 35.85       | 41.79        | 48.15   | 56.63   | 62.11   |
| Natural science teachers, n.e.c. ....                 | 33.25           | 10.9                                     | 17.53       | 30.89        | 31.88   | 37.04   | 50.93   |
| Psychology teachers .....                             | 36.08           | 7.6                                      | 22.96       | 26.65        | 33.11   | 41.38   | 58.60   |
| Economics teachers .....                              | 29.83           | 9.5                                      | 23.85       | 23.85        | 26.19   | 30.70   | 47.29   |
| History teachers .....                                | 30.97           | 8.6                                      | 19.38       | 20.47        | 30.50   | 37.28   | 47.05   |
| Political science teachers .....                      | 35.40           | 9.9                                      | 22.89       | 25.29        | 32.38   | 45.47   | 52.01   |
| Sociology teachers .....                              | 36.11           | 10.3                                     | 20.70       | 23.53        | 39.98   | 44.63   | 49.31   |
| Social science teachers, n.e.c. ....                  | 36.09           | 6.7                                      | 23.79       | 23.95        | 34.02   | 42.54   | 57.61   |
| Engineering teachers .....                            | 37.36           | 13.2                                     | 16.27       | 27.42        | 35.87   | 41.84   | 53.53   |

See footnotes at end of table.

Supplementary table 2.1. **Private industry, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> all workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>   | All workers     |  |             |              |         |         |         |
|---|-----------------|--|-------------|--------------|---------|---------|---------|
|   | Hourly earnings |  |             |              |         |         |         |
|   | Mean            | Relative error <sup>5</sup><br>(percent) | Percentiles |              |         |         |         |
| 10  |                 |  | 25          | Median<br>50 | 75      | 90      |         |
| <b>White collar –Continued</b>  |                 |  |             |              |         |         |         |
| <b>Professional specialty and technical –Continued</b>                      |                 |  |             |              |         |         |         |
| Professional specialty –Continued   |                 |  |             |              |         |         |         |
| Teachers, college and university –Continued                                 |                 |  |             |              |         |         |         |
| Mathematical science teachers .....   | \$35.80         | 9.3                                      | \$23.71     | \$25.93      | \$31.33 | \$45.16 | \$52.92 |
| Computer science teachers .....   | 27.31           | 9.6                                      | 13.51       | 19.64        | 28.66   | 34.00   | 39.03   |
| Medical science teachers .....  | 46.04           | 5.1                                      | 21.21       | 31.17        | 45.27   | 55.80   | 68.51   |
| Health specialties teachers .....   | 31.68           | 6.9                                      | 19.80       | 22.42        | 27.11   | 40.63   | 50.47   |
| Business, commerce, and marketing teachers .....                            | 40.60           | 6.5                                      | 18.13       | 31.73        | 35.00   | 47.73   | 62.46   |
| Art, drama, and music teachers .....  | 29.39           | 5.3                                      | 20.96       | 22.28        | 27.89   | 35.63   | 41.17   |
| Physical education teachers .....   | 25.66           | 4.9                                      | 20.73       | 22.31        | 24.13   | 27.14   | 35.31   |
| Education teachers .....  | 30.02           | 16.5                                     | 11.74       | 18.92        | 29.62   | 36.57   | 52.75   |
| English teachers .....  | 31.74           | 11.2                                     | 15.90       | 22.54        | 27.44   | 35.63   | 60.33   |
| Foreign language teachers .....   | 31.30           | 6.9                                      | 19.53       | 22.32        | 28.34   | 40.66   | 45.09   |
| Law teachers .....  | 61.90           | 8.2                                      | 36.87       | 46.15        | 57.72   | 74.74   | 92.50   |
| Social work teachers .....  | 26.11           | 8.0                                      | 15.18       | 21.92        | 26.46   | 29.26   | 32.11   |
| Theology teachers .....   | 34.54           | 8.4                                      | 23.54       | 28.72        | 31.11   | 38.18   | 50.95   |
| Trade and industrial teachers .....   | 19.43           | 14.0                                     | 11.67       | 12.58        | 20.72   | 24.82   | 29.10   |
| Teachers, post secondary, subject not specified .....                       | 33.41           | 6.1                                      | 20.68       | 25.93        | 32.71   | 39.78   | 42.74   |
| Teachers, post secondary, n.e.c. ....                                       | 34.78           | 7.2                                      | 17.46       | 22.21        | 28.32   | 39.50   | 58.73   |
| Teachers, except college and university .....                               | 17.15           | 1.9                                      | 8.70        | 11.45        | 15.56   | 21.62   | 27.78   |
| Prekindergarten and kindergarten .....                                      | 10.80           | 5.0                                      | 7.28        | 8.27         | 9.90    | 11.77   | 15.39   |
| Elementary school teachers .....  | 20.16           | 2.9                                      | 12.17       | 14.33        | 18.73   | 24.51   | 30.96   |
| Secondary school teachers .....   | 22.53           | 2.8                                      | 13.72       | 16.88        | 21.52   | 27.00   | 32.84   |
| Teachers, special education .....   | 19.95           | 4.5                                      | 12.26       | 14.92        | 18.95   | 22.89   | 31.90   |
| Teachers, n.e.c. ....   | 16.62           | 3.4                                      | 9.29        | 11.58        | 15.00   | 21.50   | 25.17   |
| Substitute teachers .....   | 9.31            | 7.5                                      | 6.68        | 7.16         | 8.95    | 10.75   | 12.75   |
| Vocational and educational counselors .....                                 | 15.79           | 4.2                                      | 9.79        | 11.54        | 13.94   | 18.59   | 23.98   |
| Librarians, archivists, and curators .....                                  | 21.02           | 3.8                                      | 13.41       | 15.85        | 19.92   | 25.57   | 31.54   |
| Librarians .....  | 20.47           | 3.6                                      | 13.41       | 15.85        | 19.33   | 25.16   | 29.54   |
| Archivists and curators .....   | 23.16           | 12.7                                     | 12.93       | 14.47        | 21.63   | 30.37   | 35.26   |
| Social scientists and urban planners .....                                  | 23.07           | 3.7                                      | 13.12       | 15.24        | 21.86   | 29.78   | 35.60   |
| Economists .....  | 26.30           | 3.9                                      | 14.86       | 18.51        | 25.51   | 31.87   | 38.28   |
| Psychologists .....   | 18.27           | 4.0                                      | 11.31       | 14.00        | 15.87   | 21.41   | 27.29   |
| Social scientists, n.e.c. ....  | 25.60           | 5.5                                      | 15.87       | 20.45        | 23.18   | 32.28   | 32.55   |
| Social, recreation, and religious workers .....                             | 14.45           | 1.6                                      | 9.25        | 11.15        | 13.50   | 17.00   | 20.71   |
| Social workers .....  | 14.59           | 1.7                                      | 9.62        | 11.48        | 13.66   | 17.01   | 20.51   |
| Recreation workers .....  | 11.64           | 3.8                                      | 7.75        | 9.67         | 11.30   | 13.40   | 16.83   |
| Clergy .....  | 15.23           | 16.4                                     | 5.05        | 6.94         | 15.07   | 21.63   | 23.63   |
| Religious workers, n.e.c. ....  | 20.55           | 15.8                                     | 8.50        | 14.79        | 22.06   | 26.30   | 31.73   |
| Lawyers and judges .....  | 41.44           | 2.6                                      | 23.27       | 29.62        | 38.80   | 48.95   | 64.90   |
| Lawyers .....   | 41.43           | 2.6                                      | 23.27       | 29.58        | 38.80   | 48.89   | 64.90   |
| Writers, authors, entertainers, athletes, and professionals,<br>n.e.c. .... | 24.21           | 4.2                                      | 11.13       | 14.99        | 19.88   | 27.77   | 38.56   |
| Technical writers .....   | 21.50           | 6.8                                      | 14.42       | 16.25        | 18.80   | 23.61   | 29.67   |
| Designers .....   | 22.40           | 4.0                                      | 12.50       | 16.00        | 20.68   | 27.15   | 34.75   |
| Musicians and composers .....   | 38.79           | 20.3                                     | 13.50       | 17.13        | 26.81   | 56.09   | 74.57   |
| Actors and directors .....  | 33.51           | 21.3                                     | 7.47        | 12.60        | 19.23   | 42.05   | 90.00   |
| Painters, sculptors, craft artists, and artist printmakers .....            | 26.60           | 24.6                                     | 10.00       | 12.56        | 15.87   | 24.75   | 57.06   |
| Photographers .....   | 17.18           | 7.8                                      | 9.00        | 10.90        | 16.76   | 20.91   | 26.09   |
| Artists, performers, and related workers, n.e.c. ....                       | 12.76           | 12.1                                     | 6.00        | 7.66         | 9.45    | 14.70   | 24.19   |
| Editors and reporters .....   | 23.29           | 5.0                                      | 11.62       | 14.99        | 19.10   | 26.48   | 39.08   |
| Public relations specialists .....  | 21.03           | 6.4                                      | 11.25       | 14.43        | 19.55   | 25.24   | 34.42   |
| Announcers .....  | 22.52           | 21.9                                     | 8.66        | 10.00        | 12.50   | 24.52   | 36.01   |
| Professional, n.e.c. ....   | 26.04           | 3.5                                      | 14.83       | 18.21        | 24.46   | 32.22   | 40.14   |
| Technical .....   | 18.48           | 1.4                                      | 10.29       | 12.50        | 16.05   | 20.66   | 25.66   |
| Clinical laboratory technologists and technicians .....                     | 15.47           | 2.0                                      | 9.50        | 11.70        | 15.19   | 18.78   | 21.84   |
| Dental hygienists .....   | 23.17           | 2.0                                      | 21.34       | 22.00        | 23.61   | 23.61   | 24.23   |
| Health record technologists and technicians .....                           | 12.02           | 4.0                                      | 8.65        | 9.77         | 10.83   | 14.96   | 16.58   |
| Radiological technicians .....  | 17.00           | 1.6                                      | 11.89       | 13.93        | 16.50   | 19.41   | 22.25   |
| Licensed practical nurses .....   | 13.04           | 1.0                                      | 9.78        | 11.00        | 12.75   | 14.63   | 16.65   |
| Health technologists and technicians, n.e.c. ....                           | 13.26           | 1.4                                      | 8.50        | 10.33        | 12.52   | 15.34   | 18.14   |

See footnotes at end of table.

Supplementary table 2.1. **Private industry, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> all workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>   | All workers     |                                       |             |           |         |         |         |
|---|-----------------|---------------------------------------|-------------|-----------|---------|---------|---------|
|   | Hourly earnings |                                       |             |           |         |         |         |
|   | Mean            | Relative error <sup>5</sup> (percent) | Percentiles |           |         |         |         |
| 10  |                 |                                       | 25          | Median 50 | 75      | 90      |         |
| <b>White collar –Continued</b>                                    |                 |                                       |             |           |         |         |         |
| <b>Professional specialty and technical –Continued</b>            |                 |                                       |             |           |         |         |         |
| <b>Technical –Continued</b>                                       |                 |                                       |             |           |         |         |         |
| Electrical and electronic technicians .....                       | \$18.64         | 1.2                                   | \$12.25     | \$15.23   | \$18.57 | \$21.77 | \$25.00 |
| Industrial engineering technicians .....                          | 18.87           | 4.5                                   | 12.98       | 15.77     | 21.01   | 21.10   | 24.18   |
| Mechanical engineering technicians .....                          | 19.97           | 1.9                                   | 13.63       | 16.33     | 20.00   | 23.53   | 25.43   |
| Engineering technicians, n.e.c. ....                              | 19.61           | 1.8                                   | 12.40       | 15.90     | 19.63   | 22.42   | 27.49   |
| Drafters .....  | 18.75           | 4.3                                   | 11.69       | 13.85     | 16.83   | 22.12   | 29.97   |
| Surveying and mapping technicians .....                           | 15.79           | 8.6                                   | 9.00        | 12.00     | 14.75   | 18.04   | 28.50   |
| Biological technicians .....                                      | 16.77           | 5.7                                   | 9.37        | 12.23     | 16.04   | 21.18   | 22.65   |
| Chemical technicians .....  | 17.02           | 2.5                                   | 12.01       | 13.75     | 16.00   | 20.88   | 22.42   |
| Science technicians, n.e.c. ....                                  | 18.65           | 3.4                                   | 12.04       | 15.21     | 18.36   | 23.28   | 23.53   |
| Airplane pilots and navigators .....                              | 79.93           | 9.5                                   | 19.00       | 28.46     | 53.66   | 119.49  | 169.75  |
| Broadcast equipment operators .....                               | 17.95           | 12.5                                  | 6.50        | 8.88      | 15.25   | 27.07   | 32.10   |
| Computer programmers .....  | 22.38           | 2.0                                   | 14.90       | 17.74     | 21.42   | 26.09   | 30.90   |
| Tool programmers, numerical control .....                         | 17.32           | 4.7                                   | 14.29       | 15.11     | 15.11   | 18.10   | 23.56   |
| Legal assistants .....  | 17.91           | 2.7                                   | 12.62       | 15.00     | 16.98   | 19.81   | 23.63   |
| Technical and related, n.e.c. ....                                | 19.44           | 2.0                                   | 11.07       | 14.04     | 18.51   | 23.22   | 28.81   |
| <b>Executive, administrative, and managerial</b> .....            | 28.63           | .9                                    | 14.36       | 18.50     | 25.00   | 34.41   | 45.67   |
| Executives, administrators, and managers .....                    | 32.51           | 1.4                                   | 15.60       | 21.18     | 29.08   | 38.99   | 50.51   |
| Administrators and officials, public administration .....         | 24.65           | 13.8                                  | 13.03       | 15.87     | 20.85   | 25.94   | 44.16   |
| Financial managers .....  | 32.74           | 2.5                                   | 17.07       | 21.63     | 28.10   | 38.32   | 50.00   |
| Personnel and labor relations managers .....                      | 32.39           | 3.5                                   | 17.48       | 21.63     | 30.46   | 39.02   | 49.13   |
| Purchasing managers .....   | 29.26           | 3.6                                   | 15.35       | 21.48     | 29.80   | 34.94   | 41.60   |
| Managers, marketing, advertising, and public relations .....      | 35.35           | 2.0                                   | 17.18       | 24.31     | 33.91   | 43.75   | 54.91   |
| Administrators, education and related fields .....                | 25.48           | 3.5                                   | 11.82       | 16.15     | 22.29   | 29.12   | 42.47   |
| Managers, medicine and health .....                               | 29.88           | 2.4                                   | 17.79       | 21.62     | 26.94   | 34.61   | 44.45   |
| Managers, food servicing and lodging establishments ..            | 18.35           | 3.5                                   | 10.85       | 13.08     | 16.13   | 20.67   | 28.76   |
| Managers, properties and real estate .....                        | 23.34           | 10.2                                  | 10.30       | 13.83     | 20.77   | 28.85   | 43.27   |
| Funeral directors .....   | 25.26           | 14.3                                  | 14.96       | 21.18     | 21.18   | 31.25   | 38.46   |
| Managers, service organizations, n.e.c. ....                      | 23.83           | 13.8                                  | 10.34       | 12.80     | 18.74   | 29.07   | 41.60   |
| Managers and administrators, n.e.c. ....                          | 34.86           | 1.4                                   | 18.32       | 23.50     | 31.25   | 41.00   | 52.88   |
| Management related .....  | 22.73           | .9                                    | 13.43       | 16.46     | 20.72   | 26.44   | 33.67   |
| Accountants and auditors .....                                    | 20.94           | 2.2                                   | 13.47       | 16.34     | 19.39   | 24.25   | 29.59   |
| Underwriters .....  | 25.67           | 5.0                                   | 13.31       | 17.26     | 21.97   | 32.42   | 44.19   |
| Other financial officers .....                                    | 25.13           | 3.8                                   | 13.27       | 16.53     | 21.29   | 28.75   | 40.87   |
| Management analysts .....   | 24.45           | 2.6                                   | 14.62       | 17.79     | 23.66   | 29.16   | 34.18   |
| Personnel, training, and labor relations specialists .....        | 21.79           | 2.8                                   | 12.55       | 15.61     | 20.39   | 25.48   | 32.12   |
| Purchasing agents and buyers, farm products .....                 | 19.21           | 9.6                                   | 10.00       | 15.00     | 19.00   | 23.55   | 26.39   |
| Buyers, wholesale and retail trade, except farm products .....    | 23.23           | 6.0                                   | 12.95       | 15.43     | 20.65   | 27.40   | 32.45   |
| Purchasing agents and buyers, n.e.c. ....                         | 23.37           | 2.3                                   | 14.42       | 17.59     | 21.75   | 27.02   | 35.49   |
| Business and promotional agents .....                             | 19.13           | 7.6                                   | 14.47       | 15.20     | 17.64   | 20.41   | 24.80   |
| Construction inspectors .....                                     | 20.66           | 6.9                                   | 14.50       | 15.75     | 18.27   | 26.07   | 28.58   |
| Inspectors and compliance officers, except construction .....     | 23.10           | 3.8                                   | 14.96       | 18.03     | 21.76   | 27.15   | 32.18   |
| Management related, n.e.c. ....                                   | 22.77           | 1.4                                   | 13.19       | 16.18     | 20.96   | 26.34   | 34.22   |
| <b>Sales</b> .....  | 13.29           | 3.6                                   | 5.75        | 6.88      | 9.04    | 15.05   | 25.16   |
| Supervisors, sales .....  | 20.07           | 4.1                                   | 9.00        | 11.40     | 15.65   | 23.00   | 34.33   |
| Insurance sales .....   | 22.20           | 14.9                                  | 8.64        | 10.74     | 16.17   | 24.38   | 35.90   |
| Real estate sales .....   | 37.80           | 17.7                                  | 10.72       | 13.52     | 28.74   | 46.70   | 78.75   |
| Securities and financial services sales .....                     | 37.13           | 9.6                                   | 11.41       | 14.09     | 24.00   | 49.00   | 71.99   |
| Advertising and related sales .....                               | 19.62           | 6.4                                   | 10.04       | 11.76     | 16.30   | 24.18   | 31.74   |
| Sales, other business services .....                              | 19.43           | 5.6                                   | 8.00        | 10.86     | 15.29   | 22.46   | 32.65   |
| Sales engineers .....   | 27.46           | 4.4                                   | 17.35       | 21.59     | 25.67   | 33.24   | 38.49   |
| Sales representatives, mining, manufacturing, and wholesale ..... | 24.77           | 3.1                                   | 11.80       | 15.29     | 21.03   | 29.22   | 40.38   |
| Sales workers, motor vehicles and boats .....                     | 18.96           | 3.1                                   | 6.81        | 9.73      | 15.01   | 23.45   | 36.20   |
| Sales workers, apparel .....                                      | 8.28            | 4.0                                   | 5.50        | 6.05      | 7.00    | 8.69    | 11.25   |
| Sales workers, shoes .....  | 9.65            | 6.6                                   | 5.65        | 6.39      | 8.00    | 11.80   | 16.58   |

See footnotes at end of table.

Supplementary table 2.1. **Private industry, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> all workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>   | All workers     |  |             |              |        |         |         |
|---|-----------------|--|-------------|--------------|--------|---------|---------|
|   | Hourly earnings |  |             |              |        |         |         |
|   | Mean            | Relative error <sup>5</sup><br>(percent) | Percentiles |              |        |         |         |
| 10  |                 |  | 25          | Median<br>50 | 75     | 90      |         |
| <b>White collar –Continued</b>  |                 |  |             |              |        |         |         |
| <b>Sales –Continued</b>   |                 |  |             |              |        |         |         |
| Sales workers, furniture and home furnishings .....                     | \$11.02         | 11.3                                     | \$5.42      | \$6.50       | \$8.38 | \$12.24 | \$20.96 |
| Sales workers, radio, tv, hi-fi, and appliances .....                   | 10.18           | 6.3                                      | 5.75        | 6.50         | 8.00   | 11.52   | 16.81   |
| Sales workers, hardware and building supplies .....                     | 10.95           | 5.3                                      | 6.92        | 7.75         | 9.36   | 11.80   | 16.07   |
| Sales workers, parts .....  | 14.38           | 4.6                                      | 7.35        | 9.61         | 13.10  | 18.24   | 22.91   |
| Sales workers, other commodities .....                                  | 9.69            | 2.1                                      | 5.50        | 6.22         | 7.75   | 10.45   | 15.23   |
| Sales counter clerks .....  | 8.12            | 3.1                                      | 5.50        | 6.10         | 7.50   | 9.25    | 11.72   |
| Cashiers .....  | 7.74            | 1.6                                      | 5.45        | 6.00         | 7.50   | 8.50    | 10.48   |
| Street and door-to-door sales workers .....                             | 12.96           | 11.6                                     | 5.75        | 6.86         | 10.00  | 17.31   | 22.38   |
| News vendors .....  | 7.78            | 11.7                                     | 5.15        | 5.78         | 6.57   | 9.80    | 13.00   |
| Demonstrators, promoters, and models, sales .....                       | 9.69            | 7.7                                      | 6.00        | 6.74         | 8.00   | 11.15   | 14.91   |
| Sales support, n.e.c. ....  | 12.68           | 3.1                                      | 6.50        | 8.00         | 11.28  | 15.43   | 20.35   |
| <b>Administrative support, including clerical</b>                       |                 |  |             |              |        |         |         |
| Supervisors, general office .....                                       | 12.00           | .6                                       | 7.47        | 8.93         | 11.17  | 14.31   | 17.72   |
| Supervisors, computer equipment operators .....                         | 17.15           | 1.8                                      | 11.63       | 13.50        | 16.00  | 19.95   | 23.46   |
| Supervisors, computer equipment operators .....                         | 20.27           | 4.1                                      | 14.85       | 16.69        | 20.38  | 22.78   | 27.08   |
| Supervisors, financial records processing .....                         | 17.92           | 1.9                                      | 12.33       | 14.25        | 17.00  | 19.95   | 25.21   |
| Chief communications operators .....                                    | 18.12           | 8.9                                      | 10.08       | 12.50        | 17.59  | 23.64   | 26.91   |
| Supervisors, distribution, scheduling, and adjusting<br>clerks .....    | 17.77           | 3.1                                      | 11.25       | 13.40        | 16.95  | 21.62   | 25.24   |
| Computer operators .....  | 14.40           | 1.9                                      | 9.71        | 11.77        | 13.89  | 16.89   | 19.32   |
| Peripheral equipment operators .....                                    | 10.10           | 3.6                                      | 7.60        | 8.75         | 9.06   | 11.04   | 14.33   |
| Secretaries .....   | 13.76           | .8                                       | 9.00        | 10.91        | 13.33  | 16.00   | 19.12   |
| Stenographers .....   | 12.41           | 2.5                                      | 9.05        | 10.24        | 11.80  | 13.82   | 16.11   |
| Typists .....   | 12.25           | 2.1                                      | 8.56        | 9.43         | 11.36  | 14.42   | 17.18   |
| Interviewers .....  | 9.75            | 1.9                                      | 6.88        | 8.00         | 9.47   | 11.23   | 13.04   |
| Hotel clerks .....  | 8.58            | 3.5                                      | 6.28        | 6.89         | 8.00   | 9.44    | 12.02   |
| Transportation ticket and reservation agents .....                      | 11.58           | 10.1                                     | 5.56        | 7.44         | 10.00  | 17.20   | 18.34   |
| Receptionists .....   | 9.20            | 1.2                                      | 6.68        | 7.55         | 8.93   | 10.39   | 12.21   |
| Information clerks, n.e.c. ....   | 11.72           | 3.6                                      | 7.95        | 9.00         | 10.69  | 13.27   | 16.49   |
| Classified ad clerks .....  | 10.43           | 13.6                                     | 5.70        | 5.70         | 9.38   | 13.57   | 18.15   |
| Correspondence clerks .....   | 11.98           | 3.3                                      | 8.16        | 9.12         | 11.12  | 14.23   | 16.68   |
| Order clerks .....  | 11.90           | 2.2                                      | 7.31        | 8.97         | 11.06  | 14.00   | 17.93   |
| Personnel clerks, except payroll and timekeeping .....                  | 12.57           | 1.8                                      | 8.30        | 9.81         | 12.02  | 14.51   | 18.25   |
| Library clerks .....  | 11.42           | 2.7                                      | 7.95        | 9.74         | 11.00  | 13.03   | 15.12   |
| File clerks .....   | 8.98            | 1.7                                      | 6.86        | 7.48         | 8.43   | 10.12   | 12.05   |
| Records clerks, n.e.c. ....   | 11.00           | 1.4                                      | 7.21        | 8.65         | 10.25  | 12.98   | 15.63   |
| Bookkeepers, accounting and auditing clerks .....                       | 11.58           | .8                                       | 8.00        | 9.48         | 11.50  | 13.11   | 15.61   |
| Payroll and timekeeping clerks .....                                    | 12.50           | 1.9                                      | 8.50        | 10.00        | 12.20  | 14.35   | 17.25   |
| Billing clerks .....  | 10.96           | 1.5                                      | 8.17        | 9.06         | 10.46  | 12.52   | 14.20   |
| Cost and rate clerks .....  | 11.76           | 6.8                                      | 6.37        | 9.16         | 11.06  | 14.75   | 17.40   |
| Billing, posting, and calculating machine operators .....               | 10.16           | 5.1                                      | 6.77        | 7.63         | 9.13   | 11.64   | 15.31   |
| Duplicating machine operators .....                                     | 9.71            | 2.3                                      | 7.35        | 8.17         | 9.27   | 10.82   | 12.52   |
| Mail preparing and paper handling machine operators .....               | 9.36            | 5.0                                      | 6.67        | 7.50         | 9.06   | 10.12   | 13.32   |
| Office machine operators, n.e.c. ....                                   | 8.65            | 4.7                                      | 6.00        | 7.30         | 8.12   | 9.95    | 12.31   |
| Telephone operators .....   | 11.54           | 3.7                                      | 6.64        | 8.15         | 10.86  | 15.33   | 16.80   |
| Communications equipment operators, n.e.c. ....                         | 9.84            | 6.3                                      | 7.24        | 8.03         | 9.48   | 12.37   | 12.37   |
| Mail clerks, except postal service .....                                | 9.18            | 3.1                                      | 6.25        | 7.25         | 8.66   | 10.08   | 12.43   |
| Messengers .....  | 8.79            | 7.5                                      | 5.15        | 6.90         | 8.25   | 10.29   | 12.79   |
| Dispatchers .....   | 12.48           | 5.8                                      | 7.26        | 8.78         | 11.08  | 15.41   | 18.22   |
| Production coordinators .....   | 14.67           | 1.8                                      | 9.90        | 11.59        | 13.80  | 16.71   | 21.16   |
| Traffic, shipping and receiving clerks .....                            | 11.47           | 3.1                                      | 7.56        | 8.85         | 10.58  | 13.48   | 18.09   |
| Stock and inventory clerks .....  | 11.23           | 1.7                                      | 7.00        | 8.22         | 10.50  | 13.75   | 16.26   |
| Meter readers .....   | 15.94           | 4.5                                      | 10.09       | 13.42        | 17.09  | 19.24   | 19.98   |
| Weighers, measurers, checkers, and samplers .....                       | 12.67           | 6.1                                      | 7.30        | 8.62         | 11.69  | 17.03   | 20.31   |
| Expeditors .....  | 13.09           | 3.0                                      | 8.50        | 10.49        | 12.32  | 15.58   | 18.27   |
| Material recording, scheduling, and distribution clerks,<br>n.e.c. .... | 11.74           | 3.4                                      | 6.25        | 8.08         | 10.45  | 15.03   | 19.53   |
| Insurance adjusters, examiners, and investigators .....                 | 14.97           | 3.0                                      | 9.56        | 11.25        | 13.66  | 16.99   | 21.71   |
| Investigators and adjusters, except insurance .....                     | 12.53           | 2.7                                      | 7.96        | 9.34         | 11.66  | 15.00   | 19.22   |
| Eligibility clerks, social welfare .....                                | 10.99           | 4.1                                      | 7.50        | 9.00         | 10.51  | 12.22   | 15.79   |

See footnotes at end of table.

Supplementary table 2.1. **Private industry, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> all workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>  | All workers     |  |             |              |              |              |              |
|--|-----------------|--|-------------|--------------|--------------|--------------|--------------|
|  | Hourly earnings |  |             |              |              |              |              |
|  | Mean            | Relative error <sup>5</sup><br>(percent) | Percentiles |              |              |              |              |
| 10   |                 |  | 25          | Median<br>50 | 75           | 90           |              |
| <b>White collar –Continued</b>   |                 |  |             |              |              |              |              |
| <b>Administrative support, including clerical –Continued</b>           |                 |  |             |              |              |              |              |
| Bill and account collectors .....                                      | \$11.58         | 2.8                                      | \$8.13      | \$9.00       | \$10.76      | \$13.21      | \$16.45      |
| General office clerks .....  | 11.12           | 1.0                                      | 7.25        | 8.46         | 10.50        | 13.08        | 16.00        |
| Bank tellers .....   | 8.97            | 1.4                                      | 6.97        | 7.60         | 8.53         | 9.78         | 11.54        |
| Proofreaders .....   | 10.46           | 5.4                                      | 6.36        | 7.99         | 9.94         | 12.75        | 14.65        |
| Data entry keyers .....  | 9.79            | 1.5                                      | 7.00        | 8.00         | 9.20         | 11.01        | 13.44        |
| Statistical clerks .....   | 11.93           | 4.6                                      | 7.30        | 9.00         | 11.55        | 15.14        | 17.09        |
| Teachers' aides .....  | 8.29            | 4.0                                      | 6.00        | 6.69         | 7.75         | 9.00         | 10.71        |
| Administrative support, n.e.c. ....                                    | 11.91           | 2.1                                      | 7.50        | 9.00         | 11.21        | 14.25        | 17.02        |
| <b>Blue collar .....</b>   | <b>12.77</b>    | <b>.7</b>                                | <b>6.60</b> | <b>8.45</b>  | <b>11.50</b> | <b>16.08</b> | <b>20.79</b> |
| <b>Precision production, craft, and repair .....</b>                   |                 |  |             |              |              |              |              |
| Supervisors, mechanics and repairers .....                             | 16.60           | 1.1                                      | 9.12        | 11.83        | 16.12        | 20.95        | 24.29        |
| Automobile mechanics .....   | 22.34           | 1.8                                      | 14.25       | 17.77        | 21.64        | 26.42        | 30.41        |
| Automobile mechanic apprentices .....                                  | 17.16           | 2.6                                      | 10.50       | 13.50        | 16.00        | 19.90        | 24.29        |
| Bus, truck, and stationary engine mechanics .....                      | 10.19           | 6.8                                      | 6.50        | 7.26         | 10.18        | 12.73        | 12.75        |
| Aircraft engine mechanics .....  | 15.19           | 2.2                                      | 10.00       | 12.00        | 15.00        | 17.51        | 20.94        |
| Small engine repairs .....   | 21.80           | 3.2                                      | 15.09       | 17.33        | 23.28        | 25.23        | 27.40        |
| Automobile body and related repairers .....                            | 12.13           | 9.2                                      | 7.00        | 10.00        | 11.00        | 15.64        | 15.64        |
| Aircraft mechanics, except engine .....                                | 16.54           | 5.1                                      | 10.31       | 11.81        | 14.69        | 18.44        | 26.63        |
| Heavy equipment mechanics .....  | 19.28           | 2.4                                      | 13.28       | 16.42        | 19.05        | 22.64        | 24.15        |
| Industrial machinery repairers .....                                   | 17.50           | 3.7                                      | 11.50       | 13.13        | 17.22        | 20.81        | 23.99        |
| Machinery maintenance .....  | 16.56           | 1.9                                      | 11.22       | 13.31        | 16.12        | 19.69        | 23.20        |
| Electronic repairers, communications and industrial<br>equipment ..... | 13.46           | 2.6                                      | 9.00        | 9.96         | 13.46        | 15.26        | 19.42        |
| Data processing equipment repairers .....                              | 17.58           | 3.9                                      | 9.76        | 12.42        | 17.48        | 22.58        | 25.08        |
| Household appliance and power tool repairers .....                     | 16.67           | 3.7                                      | 10.00       | 13.52        | 17.52        | 19.68        | 22.55        |
| Telephone line installers and repairers .....                          | 16.77           | 6.1                                      | 10.00       | 11.88        | 17.27        | 20.38        | 24.31        |
| Telephone installers and repairers .....                               | 19.59           | 2.7                                      | 13.00       | 18.67        | 20.58        | 22.30        | 22.76        |
| Heating, air conditioning, and refrigeration mechanics ..              | 17.88           | 1.7                                      | 11.28       | 14.70        | 19.17        | 20.96        | 22.31        |
| Camera, watch, and musical instrument repairers .....                  | 16.64           | 3.0                                      | 11.47       | 13.50        | 16.00        | 19.05        | 22.10        |
| Locksmiths and safe repairers .....                                    | 16.47           | 14.1                                     | 8.41        | 11.58        | 15.84        | 21.01        | 22.89        |
| Office machine repairers .....   | 17.90           | 6.6                                      | 12.21       | 16.81        | 17.36        | 20.77        | 20.77        |
| Mechanical controls and valve repairers .....                          | 15.86           | 5.2                                      | 10.27       | 12.33        | 15.57        | 19.42        | 22.15        |
| Elevator installers and repairers .....                                | 18.43           | 5.3                                      | 11.00       | 14.77        | 19.05        | 22.30        | 24.53        |
| Millwrights .....  | 19.17           | 24.0                                     | 10.00       | 11.00        | 20.33        | 28.65        | 28.65        |
| Mechanics and repairers, n.e.c. ....                                   | 19.13           | 5.6                                      | 13.81       | 15.15        | 20.50        | 22.90        | 23.44        |
| Supervisors, brickmasons, stonemasons, and<br>tilesetters .....        | 16.04           | 1.6                                      | 9.50        | 12.19        | 15.98        | 19.88        | 22.76        |
| Supervisors, carpenters and related workers .....                      | 22.60           | 4.5                                      | 19.00       | 21.00        | 22.00        | 25.99        | 25.99        |
| Supervisors, electricians and power transmission<br>installers .....   | 21.37           | 5.9                                      | 14.25       | 17.52        | 21.33        | 26.11        | 27.21        |
| Supervisors, painters, paperhangers, and plasterers ....               | 22.69           | 5.1                                      | 15.37       | 17.03        | 20.76        | 27.96        | 32.07        |
| Supervisors, plumbers, pipefitters, and steamfitters .....             | 18.28           | 2.4                                      | 15.90       | 17.58        | 18.00        | 20.00        | 20.50        |
| Supervisors, construction trades, n.e.c. ....                          | 23.82           | 8.1                                      | 14.00       | 17.87        | 26.78        | 28.45        | 32.70        |
| Brickmasons and stonemasons .....                                      | 19.94           | 2.3                                      | 13.22       | 15.75        | 19.85        | 23.48        | 27.03        |
| Carpet installers .....  | 16.93           | 7.6                                      | 9.15        | 13.81        | 16.90        | 20.00        | 24.10        |
| Carpenters .....   | 12.73           | 9.6                                      | 8.50        | 9.64         | 11.68        | 16.00        | 18.75        |
| Drywall installers .....   | 24.86           | 4.1                                      | 18.50       | 23.73        | 26.95        | 26.95        | 30.00        |
| Electricians .....   | 16.98           | 2.2                                      | 10.73       | 13.70        | 16.14        | 20.76        | 23.40        |
| Electrician apprentices .....  | 12.47           | 3.6                                      | 9.27        | 10.16        | 11.81        | 13.92        | 17.52        |
| Electrical power installers and repairers .....                        | 15.46           | 2.3                                      | 12.00       | 13.50        | 14.21        | 17.00        | 18.95        |
| Painters, construction and maintenance .....                           | 19.18           | 2.1                                      | 12.91       | 15.27        | 18.12        | 23.57        | 26.50        |
| Plumbers, pipefitters and steamfitters .....                           | 12.83           | 6.9                                      | 7.25        | 9.00         | 11.32        | 15.94        | 19.99        |
| Plumber, pipefitter, and steamfitter apprentices .....                 | 21.78           | 3.2                                      | 15.23       | 18.50        | 22.66        | 25.11        | 27.33        |
| Concrete and terrazzo finishers .....                                  | 15.32           | 7.4                                      | 7.67        | 9.80         | 13.72        | 20.37        | 25.50        |
| Glaziers .....   | 20.73           | 1.9                                      | 13.50       | 16.81        | 22.16        | 23.64        | 25.69        |
| Insulation workers .....   | 14.13           | 5.0                                      | 8.72        | 11.17        | 13.37        | 17.39        | 17.75        |
|  | 14.12           | 8.9                                      | 8.50        | 10.00        | 12.18        | 17.50        | 21.48        |
|  | 14.29           | 6.4                                      | 8.00        | 12.00        | 14.00        | 17.00        | 20.85        |
|  | 11.85           | 6.0                                      | 7.00        | 9.00         | 11.00        | 14.00        | 16.36        |

See footnotes at end of table.

Supplementary table 2.1. **Private industry, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> all workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>  | All workers     |                                       |             |           |         |         |         |
|--|-----------------|---------------------------------------|-------------|-----------|---------|---------|---------|
|  | Hourly earnings |                                       |             |           |         |         |         |
|  | Mean            | Relative error <sup>5</sup> (percent) | Percentiles |           |         |         |         |
| 10   |                 |                                       | 25          | Median 50 | 75      | 90      |         |
| <b>Blue collar –Continued</b>                                      |                 |                                       |             |           |         |         |         |
| <b>Precision production, craft, and repair –Continued</b>          |                 |                                       |             |           |         |         |         |
| Roofers .....  | \$13.56         | 6.4                                   | \$8.50      | \$10.00   | \$11.54 | \$18.17 | \$20.30 |
| Sheetmetal duct installers .....                                   | 19.43           | 8.1                                   | 11.20       | 13.29     | 20.08   | 26.58   | 26.58   |
| Structural metal workers .....                                     | 16.18           | 4.6                                   | 11.00       | 12.93     | 15.57   | 19.50   | 21.95   |
| Drillers, earth .....  | 11.49           | 10.6                                  | 9.25        | 9.25      | 11.52   | 12.50   | 15.97   |
| Construction trades, n.e.c. ....                                   | 16.43           | 3.3                                   | 8.35        | 11.00     | 15.63   | 21.25   | 26.45   |
| Supervisors, extractive .....                                      | 22.05           | 14.5                                  | 10.00       | 16.33     | 23.65   | 28.62   | 31.63   |
| Drillers, oil well .....   | 17.37           | 2.6                                   | 8.95        | 9.19      | 19.18   | 21.57   | 22.06   |
| Explosives workers .....   | 15.91           | 16.0                                  | 10.29       | 10.29     | 15.83   | 21.50   | 24.50   |
| Mining machine operators .....                                     | 18.63           | 6.4                                   | 14.41       | 17.14     | 17.54   | 20.80   | 25.11   |
| Mining, n.e.c. ....  | 19.72           | 3.6                                   | 14.41       | 19.35     | 20.77   | 21.71   | 21.71   |
| Supervisors, production .....                                      | 19.02           | 2.6                                   | 11.25       | 14.50     | 18.51   | 22.67   | 27.35   |
| Tool and die makers .....  | 19.74           | 1.8                                   | 14.02       | 17.02     | 20.25   | 23.62   | 24.31   |
| Tool and die maker apprentices .....                               | 14.33           | 4.9                                   | 9.40        | 10.85     | 13.83   | 16.23   | 20.66   |
| Precision assemblers, metal .....                                  | 16.19           | 3.0                                   | 10.93       | 12.83     | 15.63   | 19.62   | 21.71   |
| Machinists .....   | 17.02           | 1.1                                   | 12.30       | 14.66     | 16.53   | 19.51   | 22.28   |
| Machinist apprentices .....  | 12.63           | 4.9                                   | 8.75        | 10.90     | 12.17   | 14.50   | 15.55   |
| Boilermakers .....   | 18.41           | 5.3                                   | 13.00       | 14.00     | 20.91   | 21.77   | 23.12   |
| Precision grinders, filers, and tool sharpeners .....              | 14.90           | 4.7                                   | 6.85        | 11.87     | 15.27   | 18.31   | 23.40   |
| Patternmakers and modelmakers, metal .....                         | 18.21           | 5.7                                   | 9.50        | 14.05     | 17.47   | 24.55   | 24.96   |
| Layout workers .....   | 14.87           | 4.9                                   | 10.76       | 12.70     | 14.60   | 17.53   | 18.50   |
| Precious stones and metals workers .....                           | 8.98            | 8.8                                   | 6.25        | 6.59      | 8.00    | 10.50   | 14.38   |
| Engravers, metal .....   | 15.41           | 22.7                                  | 6.00        | 9.25      | 20.96   | 20.96   | 20.96   |
| Sheet metal workers .....  | 16.76           | 5.1                                   | 10.55       | 12.00     | 15.49   | 20.98   | 24.84   |
| Sheet metal worker apprentices .....                               | 13.39           | 7.0                                   | 8.00        | 10.50     | 12.98   | 15.02   | 21.39   |
| Cabinet makers and bench carpenters .....                          | 10.87           | 5.2                                   | 8.38        | 8.80      | 10.42   | 12.36   | 13.84   |
| Furniture and wood finishers .....                                 | 11.68           | 2.5                                   | 10.40       | 11.46     | 11.46   | 11.77   | 13.13   |
| Tailors .....  | 11.86           | 3.4                                   | 8.93        | 9.40      | 11.68   | 13.37   | 15.20   |
| Upholsterers .....   | 12.57           | 9.3                                   | 6.45        | 8.53      | 12.08   | 15.91   | 19.23   |
| Hand molders and shapers, except jewelers .....                    | 16.34           | 3.1                                   | 12.08       | 14.78     | 15.69   | 18.25   | 20.10   |
| Patternmakers, layout workers, and cutters .....                   | 19.81           | 7.8                                   | 11.72       | 14.10     | 21.35   | 24.93   | 25.52   |
| Optical goods workers .....  | 11.00           | 12.8                                  | 6.50        | 7.10      | 9.89    | 13.84   | 16.11   |
| Dental laboratory and medical appliance technicians .....          | 15.59           | 12.6                                  | 10.00       | 12.38     | 14.57   | 16.67   | 25.13   |
| Bookbinders .....  | 13.57           | 6.1                                   | 8.15        | 11.77     | 14.25   | 16.62   | 17.95   |
| Electrical and electronic equipment assemblers .....               | 9.78            | 3.0                                   | 6.58        | 7.86      | 9.74    | 11.00   | 13.31   |
| Miscellaneous precision workers, n.e.c. ....                       | 15.50           | 5.4                                   | 8.44        | 11.35     | 15.15   | 18.79   | 21.83   |
| Precision food production .....                                    | 10.90           | 7.3                                   | 7.64        | 8.68      | 11.75   | 12.24   | 14.09   |
| Butchers and meat cutters .....                                    | 10.20           | 3.5                                   | 6.50        | 7.95      | 9.46    | 11.02   | 15.85   |
| Bakers .....   | 9.52            | 3.4                                   | 6.68        | 7.40      | 8.50    | 11.00   | 14.43   |
| Food batchmakers .....   | 10.48           | 5.2                                   | 6.35        | 7.35      | 10.26   | 12.95   | 15.53   |
| Inspectors, testers, and graders .....                             | 16.24           | 2.3                                   | 10.34       | 12.15     | 15.46   | 20.07   | 22.35   |
| Precision inspectors, testers, and related workers, n.e.c. ....    | 19.04           | 6.6                                   | 12.94       | 14.48     | 17.48   | 22.57   | 26.39   |
| Adjusters and calibrators .....                                    | 13.36           | 14.1                                  | 8.94        | 9.00      | 10.55   | 14.49   | 19.55   |
| Water and sewer treatment plant operators .....                    | 14.85           | 6.1                                   | 8.00        | 13.46     | 15.48   | 17.91   | 19.32   |
| Power plant operators .....  | 22.16           | 2.1                                   | 17.25       | 18.78     | 22.90   | 25.01   | 26.58   |
| Stationary engineers .....   | 19.09           | 3.5                                   | 12.83       | 15.31     | 18.83   | 23.40   | 25.70   |
| Miscellaneous plant and system operators, n.e.c. ....              | 21.44           | 2.2                                   | 17.42       | 19.32     | 22.44   | 23.51   | 25.36   |
| <b>Machine operators, assemblers, and inspectors</b>               |                 |                                       |             |           |         |         |         |
| Lathe and turning machine set-up operators .....                   | 14.03           | 2.6                                   | 10.99       | 12.31     | 13.63   | 15.67   | 17.82   |
| Lathe and turning machine operators .....                          | 12.83           | 6.3                                   | 9.68        | 9.83      | 11.30   | 15.45   | 18.53   |
| Milling and planing machine operators .....                        | 13.38           | 6.9                                   | 10.10       | 11.40     | 11.70   | 15.00   | 19.55   |
| Punching and stamping press operators .....                        | 12.08           | 3.0                                   | 7.50        | 8.81      | 11.50   | 14.10   | 19.55   |
| Rolling machine operators .....                                    | 13.46           | 6.1                                   | 8.81        | 9.72      | 13.80   | 15.52   | 17.75   |
| Drilling and boring machine operators .....                        | 11.38           | 12.2                                  | 6.75        | 7.38      | 10.75   | 14.77   | 17.44   |
| Grinding, abrading, buffing, and polishing machine operators ..... | 11.58           | 2.9                                   | 7.25        | 8.93      | 10.79   | 13.19   | 17.22   |
| Forging machine operators .....                                    | 12.86           | 4.5                                   | 10.25       | 11.02     | 12.05   | 14.66   | 16.45   |
| Numerical control machine operators .....                          | 13.56           | 2.1                                   | 9.32        | 11.67     | 12.72   | 15.74   | 17.95   |
| Fabricating machine operators, n.e.c. ....                         | 13.29           | 2.3                                   | 8.40        | 10.05     | 12.02   | 16.10   | 20.40   |

See footnotes at end of table.

Supplementary table 2.1. **Private industry, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> all workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998**—Continued

| Occupation <sup>4</sup>  | All workers     |  |             |              |         |         |         |
|--|-----------------|--|-------------|--------------|---------|---------|---------|
|  | Hourly earnings |  |             |              |         |         |         |
|  | Mean            | Relative error <sup>5</sup><br>(percent) | Percentiles |              |         |         |         |
| 10   |                 |  | 25          | Median<br>50 | 75      | 90      |         |
| <b>Blue collar</b> —Continued                                  |                 |  |             |              |         |         |         |
| <b>Machine operators, assemblers, and inspectors</b>           |                 |  |             |              |         |         |         |
| —Continued   |                 |  |             |              |         |         |         |
| Molding and casting machine operators .....                    | \$10.36         | 2.9                                      | \$6.50      | \$7.73       | \$10.02 | \$12.14 | \$14.48 |
| Metal plating machine operators .....                          | 11.98           | 3.3                                      | 7.32        | 9.50         | 12.25   | 14.30   | 15.80   |
| Heat treating equipment operators .....                        | 13.78           | 2.4                                      | 10.74       | 13.21        | 14.05   | 14.30   | 15.80   |
| Wood lathe, routing, and planing machine operators .....       | 10.60           | 11.3                                     | 6.85        | 6.85         | 10.10   | 11.86   | 14.76   |
| Sawing machine operators .....                                 | 9.14            | 5.2                                      | 6.00        | 8.00         | 8.93    | 10.60   | 11.50   |
| Shaping and jointing machine operators .....                   | 9.73            | 6.8                                      | 6.08        | 8.19         | 9.20    | 11.47   | 14.50   |
| Nailing and tacking machine operators .....                    | 9.91            | 2.3                                      | 6.58        | 6.58         | 11.33   | 12.32   | 12.50   |
| Printing press operators .....                                 | 14.74           | 3.4                                      | 8.81        | 10.87        | 14.09   | 17.95   | 21.50   |
| Photoengravers and lithographers .....                         | 15.22           | 3.0                                      | 9.54        | 12.02        | 15.75   | 17.87   | 21.08   |
| Typesetters and compositors .....                              | 12.92           | 4.3                                      | 8.78        | 10.25        | 12.32   | 15.16   | 18.84   |
| Winding and twisting machine operators .....                   | 11.01           | 7.3                                      | 8.00        | 8.90         | 10.28   | 13.53   | 14.80   |
| Knitting, looping, taping, and weaving machine operators ..... | 10.10           | 1.9                                      | 7.63        | 9.39         | 9.98    | 10.91   | 12.19   |
| Textile cutting machine operators .....                        | 8.94            | 5.4                                      | 6.50        | 6.97         | 8.22    | 10.50   | 12.04   |
| Textile sewing machine operators .....                         | 7.98            | 2.7                                      | 5.50        | 6.26         | 7.53    | 8.91    | 10.60   |
| Shoe machine operators .....                                   | 9.11            | 8.6                                      | 6.13        | 7.02         | 9.08    | 11.34   | 12.43   |
| Pressing machine operators .....                               | 7.97            | 6.3                                      | 5.23        | 5.85         | 7.46    | 9.51    | 10.91   |
| Laundry and dry cleaning machine operators .....               | 7.33            | 1.7                                      | 5.45        | 6.00         | 6.95    | 8.05    | 9.70    |
| Cementing and gluing machine operators .....                   | 9.58            | 9.5                                      | 6.75        | 6.75         | 9.26    | 12.25   | 13.63   |
| Packaging and filling machine operators .....                  | 10.55           | 4.3                                      | 6.47        | 7.48         | 9.38    | 12.84   | 16.27   |
| Extruding and forming machine operators .....                  | 11.28           | 2.7                                      | 7.81        | 9.14         | 10.51   | 13.36   | 14.76   |
| Mixing and blending machine operators .....                    | 13.28           | 2.8                                      | 7.75        | 10.36        | 13.42   | 15.62   | 19.86   |
| Separating, filtering, and clarifying machine operators .....  | 15.83           | 3.8                                      | 10.59       | 13.67        | 16.10   | 18.50   | 20.67   |
| Compressing and compacting machine operators .....             | 10.41           | 2.2                                      | 9.09        | 9.95         | 10.23   | 10.66   | 12.54   |
| Painting and paint spraying machine operators .....            | 12.10           | 2.9                                      | 8.50        | 10.00        | 10.95   | 13.55   | 16.58   |
| Roasting and baking machine operators, food .....              | 11.61           | 5.5                                      | 7.53        | 9.78         | 12.07   | 13.50   | 16.52   |
| Washing, cleaning, and pickling machine operators .....        | 10.91           | 9.4                                      | 6.24        | 8.00         | 9.00    | 13.01   | 19.89   |
| Folding machine operators .....                                | 11.34           | 4.0                                      | 7.52        | 9.33         | 10.93   | 12.99   | 14.25   |
| Furnace, kiln, and oven operators, except food .....           | 13.53           | 4.7                                      | 8.00        | 10.59        | 12.01   | 16.07   | 21.03   |
| Crushing and grinding machine operators .....                  | 11.89           | 5.7                                      | 7.00        | 9.00         | 11.79   | 15.08   | 17.16   |
| Slicing and cutting machine operators .....                    | 12.65           | 3.6                                      | 8.50        | 10.40        | 13.25   | 14.71   | 15.71   |
| Motion picture projectionists .....                            | 13.07           | 9.6                                      | 8.32        | 10.91        | 12.25   | 16.36   | 18.10   |
| Photographic process machine operators .....                   | 10.42           | 2.9                                      | 6.25        | 8.06         | 10.04   | 12.38   | 14.89   |
| Miscellaneous machine operators, n.e.c. ....                   | 11.95           | 2.6                                      | 7.17        | 8.57         | 11.18   | 14.28   | 18.04   |
| Welders and cutters .....                                      | 14.06           | 1.9                                      | 9.00        | 11.13        | 13.68   | 16.38   | 20.40   |
| Solders and braziers .....                                     | 9.04            | 8.3                                      | 6.07        | 6.27         | 8.53    | 10.48   | 13.24   |
| Assemblers .....   | 11.63           | 2.6                                      | 6.20        | 7.76         | 10.19   | 14.33   | 20.35   |
| Hand cutting and trimming .....                                | 9.51            | 8.9                                      | 5.15        | 6.95         | 9.02    | 10.75   | 14.44   |
| Hand molding, casting, and forming .....                       | 12.13           | 9.9                                      | 7.32        | 10.30        | 11.16   | 14.43   | 16.35   |
| Hand painting, coating, and decorating .....                   | 10.17           | 5.7                                      | 6.25        | 8.33         | 9.40    | 11.82   | 14.38   |
| Hand engraving and printing .....                              | 8.91            | 3.5                                      | 7.24        | 7.87         | 9.23    | 9.97    | 10.63   |
| Miscellaneous hand working, n.e.c. ....                        | 9.85            | 3.3                                      | 6.50        | 7.45         | 8.80    | 11.18   | 14.39   |
| Production inspectors, checkers and examiners .....            | 11.11           | 2.6                                      | 7.01        | 8.36         | 10.00   | 12.81   | 17.32   |
| Production testers .....                                       | 11.73           | 3.4                                      | 7.00        | 9.19         | 11.00   | 13.62   | 16.90   |
| Production samplers and weighers .....                         | 13.64           | 4.5                                      | 9.05        | 12.55        | 14.35   | 14.35   | 15.81   |
| Graders and sorters, except agricultural .....                 | 9.19            | 6.4                                      | 7.25        | 7.47         | 9.26    | 10.93   | 12.00   |
| Hand inspectors, n.e.c. ....                                   | 9.27            | 7.5                                      | 6.50        | 7.00         | 8.80    | 10.25   | 12.60   |
| <b>Transportation and material moving</b> .....                | 13.77           | 1.2                                      | 7.50        | 9.75         | 12.99   | 16.83   | 20.96   |
| Supervisors, motor vehicle operators .....                     | 16.66           | 4.0                                      | 10.61       | 12.72        | 15.86   | 19.75   | 24.57   |
| Truck drivers .....  | 13.96           | 1.2                                      | 8.26        | 10.38        | 13.70   | 16.86   | 20.79   |
| Driver-sales workers .....                                     | 14.23           | 4.2                                      | 7.00        | 10.22        | 13.70   | 17.80   | 21.18   |
| Bus drivers .....  | 11.31           | 2.8                                      | 7.39        | 8.50         | 10.35   | 13.72   | 16.67   |
| Taxicab drivers and chauffeurs .....                           | 8.20            | 4.5                                      | 5.90        | 6.46         | 7.50    | 9.00    | 11.33   |
| Parking lot attendants .....                                   | 7.01            | 4.3                                      | 5.25        | 5.75         | 6.65    | 7.72    | 9.47    |
| Motor transportation, n.e.c. ....                              | 8.22            | 4.5                                      | 5.38        | 5.90         | 7.00    | 9.21    | 12.03   |
| Railroad conductors and yardmasters .....                      | 26.82           | 4.4                                      | 16.69       | 20.70        | 26.17   | 32.24   | 38.13   |
| Locomotive operating .....                                     | 30.26           | 8.1                                      | 13.56       | 18.22        | 31.59   | 39.01   | 46.19   |
| Railroad brake, signal and switch operators .....              | 23.65           | 10.9                                     | 14.35       | 14.35        | 21.75   | 29.99   | 37.39   |

See footnotes at end of table.



Supplementary table 2.1. **Private industry, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> all workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>   | All workers     |  |             |              |         |         |         |
|---|-----------------|--|-------------|--------------|---------|---------|---------|
|   | Hourly earnings |  |             |              |         |         |         |
|   | Mean            | Relative error <sup>5</sup><br>(percent) | Percentiles |              |         |         |         |
| 10  |                 |  | 25          | Median<br>50 | 75      | 90      |         |
| <b>Blue collar –Continued</b>   |                 |  |             |              |         |         |         |
| <b>Transportation and material moving –Continued</b>                    |                 |  |             |              |         |         |         |
| Rail vehicle operators, n.e.c. ....                                     | \$22.32         | 3.9                                      | \$17.09     | \$18.98      | \$21.53 | \$25.91 | \$27.24 |
| Ship captains and mates, except fishing boats .....                     | 16.04           | 3.9                                      | 9.00        | 13.00        | 14.88   | 18.66   | 22.15   |
| Sailors and deckhands .....   | 10.69           | 8.7                                      | 5.83        | 6.50         | 9.78    | 11.18   | 19.00   |
| Supervisors, material moving equipment .....                            | 19.16           | 6.0                                      | 13.20       | 14.98        | 19.00   | 23.22   | 24.04   |
| Operating engineers .....   | 21.57           | 4.4                                      | 15.30       | 18.90        | 23.27   | 25.84   | 25.84   |
| Longshore equipment operators .....                                     | 27.40           | 6.8                                      | 20.00       | 25.12        | 30.22   | 30.22   | 30.22   |
| Hoist and winch operators .....   | 12.94           | 5.5                                      | 8.50        | 11.66        | 12.64   | 12.90   | 17.00   |
| Crane and tower operators .....   | 15.55           | 3.4                                      | 10.00       | 12.50        | 14.34   | 18.45   | 22.35   |
| Excavating and loading machine operators .....                          | 14.74           | 5.1                                      | 8.75        | 10.66        | 14.00   | 17.35   | 22.77   |
| Grader, dozer, and scraper operators .....                              | 14.69           | 9.1                                      | 8.82        | 10.00        | 12.39   | 20.85   | 22.49   |
| Industrial truck and tractor equipment operators .....                  | 12.11           | 1.9                                      | 7.90        | 9.62         | 11.61   | 13.91   | 17.39   |
| Miscellaneous material moving equipment operators,<br>n.e.c. ....       | 14.66           | 3.5                                      | 8.87        | 10.80        | 13.44   | 18.66   | 20.35   |
| <b>Handlers, equipment cleaners, helpers, and laborers</b>              |                 |  |             |              |         |         |         |
| Nursery workers .....   | 7.28            | 3.5                                      | 5.77        | 5.98         | 6.98    | 8.60    | 9.20    |
| Supervisors, agriculture-related workers .....                          | 19.19           | 10.0                                     | 5.65        | 13.50        | 18.47   | 22.93   | 36.30   |
| Groundskeepers and gardeners, except farm .....                         | 8.45            | 3.9                                      | 6.25        | 7.00         | 7.72    | 9.25    | 11.52   |
| Animal caretakers, except farm .....                                    | 9.74            | 11.3                                     | 5.43        | 6.24         | 8.85    | 10.68   | 16.59   |
| Inspectors, agricultural products .....                                 | 7.84            | 6.1                                      | 6.50        | 6.50         | 6.90    | 8.18    | 9.41    |
| Supervisors, handlers, equipment cleaners, and<br>laborers, n.e.c. .... | 14.37           | 2.7                                      | 9.77        | 11.12        | 13.50   | 16.90   | 19.95   |
| Helpers, mechanics and repairers .....                                  | 11.40           | 5.8                                      | 6.51        | 8.25         | 10.93   | 14.17   | 16.33   |
| Helpers, construction trades .....                                      | 10.38           | 4.1                                      | 6.75        | 7.85         | 9.27    | 12.00   | 16.50   |
| Helpers, extractive .....   | 15.17           | 11.8                                     | 11.18       | 11.70        | 17.54   | 18.32   | 18.32   |
| Construction laborers .....   | 11.37           | 3.4                                      | 6.51        | 7.47         | 9.41    | 15.00   | 18.86   |
| Production helpers .....  | 9.75            | 3.5                                      | 5.85        | 7.15         | 9.25    | 11.62   | 14.80   |
| Garbage collectors .....  | 9.26            | 8.1                                      | 6.37        | 8.40         | 8.40    | 9.30    | 15.00   |
| Stevedores .....  | 18.90           | 3.8                                      | 10.00       | 19.40        | 19.40   | 23.00   | 23.50   |
| Stock handlers and baggers .....  | 8.63            | 1.4                                      | 5.35        | 6.00         | 7.50    | 10.35   | 13.65   |
| Machine feeders and offbearers .....                                    | 9.38            | 2.6                                      | 6.11        | 7.12         | 8.92    | 10.91   | 13.28   |
| Freight, stock, and material handlers, n.e.c. ....                      | 10.49           | 2.1                                      | 6.00        | 7.30         | 9.32    | 13.10   | 16.94   |
| Garage and service station related .....                                | 7.90            | 6.8                                      | 5.35        | 5.90         | 7.40    | 9.00    | 10.71   |
| Vehicle washers and equipment cleaners .....                            | 8.81            | 3.2                                      | 5.52        | 6.25         | 7.54    | 10.23   | 14.22   |
| Hand packers and packagers .....  | 8.49            | 1.7                                      | 5.75        | 6.53         | 7.88    | 9.60    | 11.71   |
| Laborers, except construction, n.e.c. ....                              | 9.39            | 1.4                                      | 5.82        | 7.00         | 8.55    | 10.89   | 14.07   |
| <b>Service</b>  |                 |  |             |              |         |         |         |
| Protective service .....  | 8.74            | 1.7                                      | 5.74        | 6.53         | 7.91    | 9.50    | 12.75   |
| Supervisors, guards .....   | 13.42           | 5.3                                      | 7.87        | 9.04         | 11.56   | 16.89   | 20.36   |
| Police and detectives, public service .....                             | 10.30           | 13.9                                     | 5.25        | 5.25         | 8.25    | 10.99   | 21.96   |
| Guards and police, except public service .....                          | 8.43            | 1.9                                      | 5.73        | 6.50         | 7.75    | 9.28    | 11.75   |
| Protective service, n.e.c. ....   | 8.76            | 8.6                                      | 5.50        | 5.80         | 6.87    | 9.81    | 16.60   |
| Food service .....  | 6.54            | .8                                       | 2.85        | 5.15         | 6.18    | 7.62    | 10.00   |
| Supervisors, food preparation and service .....                         | 11.40           | 1.8                                      | 7.00        | 8.45         | 10.95   | 13.46   | 16.55   |
| Bartenders .....  | 6.31            | 2.6                                      | 3.80        | 5.15         | 6.00    | 7.05    | 9.00    |
| Waiters and waitresses .....  | 4.16            | 3.4                                      | 2.13        | 2.38         | 4.25    | 5.15    | 6.30    |
| Cooks .....   | 8.56            | 1.2                                      | 5.75        | 6.89         | 8.07    | 9.72    | 11.96   |
| Food counter, fountain, and related .....                               | 6.06            | 1.3                                      | 5.15        | 5.31         | 5.74    | 6.50    | 7.59    |
| Kitchen workers, food preparation .....                                 | 7.49            | 1.3                                      | 5.50        | 6.10         | 7.00    | 8.48    | 10.12   |
| Waiters/Waitresses' assistants .....                                    | 5.64            | 2.2                                      | 3.19        | 5.03         | 5.50    | 6.50    | 7.97    |
| Food preparation, n.e.c. ....   | 6.56            | .8                                       | 5.18        | 5.69         | 6.48    | 7.00    | 8.25    |
| Health service .....  | 8.37            | .8                                       | 6.00        | 6.89         | 7.95    | 9.35    | 11.39   |
| Dental assistants .....   | 10.46           | 4.2                                      | 7.50        | 9.49         | 10.31   | 11.23   | 13.50   |
| Health aides, except nursing .....                                      | 9.33            | 1.6                                      | 6.08        | 7.46         | 8.75    | 10.87   | 13.07   |
| Nursing aides, orderlies and attendants .....                           | 8.13            | .8                                       | 6.00        | 6.80         | 7.75    | 9.06    | 10.82   |
| Cleaning and building service .....                                     | 8.34            | 1.1                                      | 5.50        | 6.19         | 7.62    | 9.30    | 12.53   |
| Supervisors, cleaning and building service workers .....                | 10.04           | 9.5                                      | 8.00        | 8.03         | 8.03    | 11.13   | 15.49   |
| Maids and housemen .....  | 7.49            | 2.0                                      | 5.48        | 6.00         | 6.79    | 8.19    | 10.79   |

See footnotes at end of table.

Supplementary table 2.1. **Private industry, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> all workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998**—Continued

| Occupation <sup>4</sup>                                | All workers     |                                       |             |           |        |        |         |
|--|-----------------|---------------------------------------|-------------|-----------|--------|--------|---------|
|  | Hourly earnings |                                       |             |           |        |        |         |
|  | Mean            | Relative error <sup>5</sup> (percent) | Percentiles |           |        |        |         |
| 10   |                 |                                       | 25          | Median 50 | 75     | 90     |         |
| <b>Service</b> —Continued                              |                 |                                       |             |           |        |        |         |
| Cleaning and building service—Continued                |                 |                                       |             |           |        |        |         |
| Janitors and cleaners .....                            | \$8.34          | 1.5                                   | \$5.40      | \$6.09    | \$7.50 | \$9.45 | \$12.65 |
| Pest control .....                                     | 12.73           | 9.3                                   | 7.83        | 10.38     | 12.52  | 15.28  | 17.57   |
| Personal service .....                                 | 9.22            | 2.4                                   | 5.00        | 5.34      | 6.87   | 9.55   | 17.96   |
| Attendants, amusement, and recreation facilities ..... | 6.03            | 4.6                                   | 5.00        | 5.15      | 5.58   | 6.07   | 7.62    |
| Guides .....   | 9.02            | 3.9                                   | 6.00        | 6.92      | 8.99   | 10.66  | 12.46   |
| Ushers .....   | 6.56            | 5.2                                   | 5.15        | 5.50      | 6.23   | 7.50   | 8.00    |
| Public transportation attendants .....                 | 26.41           | 6.2                                   | 9.21        | 15.77     | 22.14  | 36.19  | 47.98   |
| Baggage porters and bellhops .....                     | 7.19            | 6.4                                   | 3.50        | 5.15      | 5.75   | 7.52   | 14.11   |
| Welfare service aides .....                            | 7.12            | 5.2                                   | 5.15        | 5.16      | 6.66   | 8.25   | 9.55    |
| Early childhood teachers' assistants .....             | 7.07            | 2.1                                   | 5.33        | 5.80      | 6.64   | 7.87   | 9.27    |
| Child care workers, n.e.c. ....                        | 7.93            | 2.1                                   | 5.76        | 6.55      | 7.58   | 8.75   | 10.43   |
| Service, n.e.c. ....                                   | 7.09            | 11.5                                  | 4.38        | 4.38      | 6.29   | 8.21   | 11.06   |

<sup>1</sup> Earnings are the 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. The 10th, 25th, 50th, 75th, and 90th percentiles designate position in the earnings distribution. At the 50th percentile, the median, half of the workers receive the same as or more than the rate shown, and half receive the same as or less than the rate shown. At the 25th percentile, one-fourth earn the same as or less than the rate shown. At the 75th percentile, one-fourth earn the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic.

<sup>2</sup> All workers include full-time and part-time workers. Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>3</sup> This survey covers all 50 States. Collection was conducted between July 1997 and

April 1999. The average reference period was August 1998.

<sup>4</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see appendix B in *National Compensation Survey: Occupational Wages in the United States, 1998*, Bulletin 2529.

<sup>5</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A in *National Compensation Survey: Occupational Wages in the United States, 1998*, Bulletin 2529.

NOTE: Overall occupational groups may include data for categories not shown separately and n.e.c. means "not elsewhere classified." Individual and average wage rates were collected in this update survey. A procedure was put into place to "move" the positional statistics where averages were collected. This procedure compares current locality survey data—at the quote level—with the same quote from the prior survey. Individual rates from the prior survey are moved by the average change in mean wages for the occupation.

Supplementary table 2.2. **Private industry, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> full-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998**

| Occupation <sup>4</sup>                               | Full-time workers |  |             |              |         |         |         |
|---|-------------------|--|-------------|--------------|---------|---------|---------|
|   | Hourly earnings   |  |             |              |         |         |         |
|   | Mean              | Relative error <sup>5</sup><br>(percent) | Percentiles |              |         |         |         |
| 10  |                   |  | 25          | Median<br>50 | 75      | 90      |         |
| <b>All</b> .....                                      | \$15.69           | 0.6                                      | \$6.80      | \$8.80       | \$12.75 | \$19.23 | \$27.38 |
| All excluding sales .....                             | 15.72             | .6                                       | 6.82        | 8.94         | 12.91   | 19.34   | 27.28   |
| <b>White collar</b> .....                             | 19.65             | .7                                       | 8.23        | 11.00        | 16.15   | 24.14   | 34.38   |
| White collar excluding sales .....                    | 20.36             | .7                                       | 9.00        | 11.78        | 17.00   | 25.00   | 35.00   |
| <b>Professional specialty and technical</b> .....     | 23.97             | .8                                       | 12.33       | 16.04        | 21.22   | 28.47   | 36.74   |
| Professional specialty .....                          | 26.13             | .8                                       | 14.48       | 18.32        | 23.82   | 30.90   | 39.24   |
| Engineers, architects, and surveyors .....            | 29.30             | .7                                       | 19.56       | 23.17        | 28.15   | 34.00   | 40.72   |
| Architects .....                                      | 25.65             | 10.0                                     | 13.47       | 18.50        | 24.04   | 30.45   | 39.12   |
| Aerospace engineers .....                             | 30.96             | 2.5                                      | 20.89       | 24.70        | 30.28   | 35.85   | 42.61   |
| Metallurgical and materials engineers .....           | 28.65             | 4.4                                      | 19.25       | 23.05        | 28.88   | 35.55   | 37.26   |
| Mining engineers .....                                | 30.49             | 5.7                                      | 24.70       | 28.98        | 29.12   | 30.63   | 34.84   |
| Petroleum engineers .....                             | 43.02             | 4.4                                      | 29.09       | 35.85        | 43.61   | 47.95   | 57.56   |
| Chemical engineers .....                              | 33.38             | 2.2                                      | 24.26       | 26.92        | 34.00   | 37.87   | 45.91   |
| Nuclear engineers .....                               | 35.18             | 1.8                                      | 27.24       | 31.46        | 34.09   | 39.02   | 43.23   |
| Civil engineers .....                                 | 28.58             | 3.1                                      | 18.10       | 21.71        | 26.12   | 34.46   | 42.55   |
| Electrical and electronic engineers .....             | 30.50             | 1.1                                      | 21.01       | 24.67        | 29.33   | 35.09   | 40.73   |
| Industrial engineers .....                            | 25.34             | 2.4                                      | 17.51       | 20.86        | 24.14   | 28.48   | 33.65   |
| Mechanical engineers .....                            | 26.32             | 1.3                                      | 19.10       | 21.47        | 25.96   | 30.05   | 34.47   |
| Marine engineers and naval architects .....           | 32.03             | 4.5                                      | 23.79       | 26.40        | 32.50   | 35.71   | 39.96   |
| Engineers, n.e.c. ....                                | 30.47             | 1.2                                      | 20.01       | 24.69        | 29.74   | 35.57   | 41.56   |
| Surveyors and mapping scientists .....                | 22.59             | 7.6                                      | 13.80       | 18.52        | 19.20   | 25.01   | 34.62   |
| Mathematical and computer scientists .....            | 28.54             | 1.6                                      | 18.75       | 22.51        | 27.28   | 32.77   | 39.47   |
| Computer systems analysts and scientists .....        | 28.69             | 1.4                                      | 19.14       | 22.90        | 27.59   | 32.89   | 39.48   |
| Operations and systems researchers and analysts ..... | 28.04             | 6.9                                      | 17.56       | 21.15        | 25.88   | 31.87   | 39.51   |
| Actuaries .....                                       | 27.38             | 9.2                                      | 15.14       | 20.84        | 25.87   | 32.99   | 39.32   |
| Statisticians .....                                   | 24.53             | 9.2                                      | 12.98       | 19.23        | 25.75   | 31.13   | 32.19   |
| Mathematical scientists, n.e.c. ....                  | 28.77             | 9.9                                      | 17.66       | 22.39        | 27.61   | 32.51   | 40.87   |
| Natural scientists .....                              | 28.08             | 2.1                                      | 15.89       | 20.19        | 26.80   | 33.91   | 42.05   |
| Physicists and astronomers .....                      | 41.13             | 5.1                                      | 27.23       | 35.06        | 41.45   | 46.84   | 57.01   |
| Chemists, except biochemists .....                    | 29.30             | 3.7                                      | 16.83       | 21.08        | 28.00   | 35.92   | 43.65   |
| Atmospheric and space scientists .....                | 22.61             | 16.0                                     | 12.60       | 15.93        | 18.27   | 31.25   | 36.74   |
| Geologists and geodesists .....                       | 32.87             | 6.6                                      | 18.03       | 22.05        | 30.69   | 39.51   | 52.64   |
| Physical scientists, n.e.c. ....                      | 29.54             | 2.4                                      | 18.75       | 25.49        | 30.00   | 33.57   | 37.31   |
| Agricultural and food scientists .....                | 23.53             | 9.2                                      | 13.46       | 16.16        | 22.59   | 26.83   | 34.50   |
| Biological and life scientists .....                  | 24.41             | 4.7                                      | 14.52       | 17.91        | 22.72   | 28.67   | 38.28   |
| Medical scientists .....                              | 24.93             | 6.2                                      | 13.07       | 16.05        | 21.89   | 31.08   | 41.00   |
| Health related .....                                  | 22.69             | 1.3                                      | 14.62       | 17.00        | 19.95   | 24.31   | 30.57   |
| Physicians .....                                      | 42.79             | 7.3                                      | 15.38       | 17.31        | 22.82   | 64.18   | 82.29   |
| Optometrists .....                                    | 38.14             | 7.7                                      | 26.49       | 33.58        | 38.63   | 44.26   | 46.38   |
| Registered nurses .....                               | 20.70             | .9                                       | 14.81       | 16.96        | 19.70   | 23.00   | 27.56   |
| Pharmacists .....                                     | 28.08             | 1.1                                      | 23.29       | 25.84        | 27.78   | 30.45   | 33.30   |
| Dietitians .....                                      | 16.67             | 2.0                                      | 12.74       | 13.96        | 16.50   | 19.47   | 20.60   |
| Respiratory therapists .....                          | 17.83             | 1.8                                      | 13.55       | 15.36        | 17.34   | 19.94   | 22.46   |
| Occupational therapists .....                         | 22.76             | 4.0                                      | 13.94       | 18.23        | 22.68   | 26.52   | 29.50   |
| Physical therapists .....                             | 22.88             | 2.2                                      | 17.67       | 19.95        | 22.66   | 25.94   | 28.51   |
| Speech therapists .....                               | 22.71             | 3.8                                      | 15.79       | 18.92        | 22.70   | 26.33   | 30.00   |
| Therapists, n.e.c. ....                               | 15.98             | 3.7                                      | 11.31       | 12.65        | 14.86   | 17.58   | 23.59   |
| Physicians' assistants .....                          | 26.99             | 4.5                                      | 10.37       | 23.96        | 28.70   | 32.26   | 36.97   |
| Teachers, college and university .....                | 36.69             | 2.4                                      | 20.00       | 24.65        | 32.21   | 44.75   | 59.33   |
| Biological science teachers .....                     | 35.48             | 8.6                                      | 23.57       | 26.30        | 31.05   | 42.09   | 50.25   |
| Chemistry teachers .....                              | 43.11             | 16.8                                     | 20.75       | 23.99        | 34.24   | 59.09   | 80.62   |
| Physics teachers .....                                | 49.92             | 6.5                                      | 35.85       | 41.79        | 48.15   | 56.63   | 62.11   |
| Natural science teachers, n.e.c. ....                 | 33.48             | 10.9                                     | 17.53       | 30.89        | 31.88   | 37.04   | 50.93   |
| Psychology teachers .....                             | 37.71             | 7.6                                      | 23.81       | 28.99        | 34.97   | 41.76   | 60.53   |
| Economics teachers .....                              | 29.83             | 9.5                                      | 23.85       | 23.85        | 26.19   | 30.70   | 47.29   |
| History teachers .....                                | 31.09             | 8.6                                      | 19.38       | 20.47        | 30.50   | 37.28   | 47.05   |
| Political science teachers .....                      | 35.05             | 10.1                                     | 22.89       | 24.99        | 32.38   | 42.68   | 51.07   |
| Sociology teachers .....                              | 37.65             | 10.1                                     | 20.70       | 27.71        | 39.98   | 45.59   | 49.31   |
| Social science teachers, n.e.c. ....                  | 36.74             | 6.9                                      | 23.79       | 25.51        | 34.02   | 42.54   | 57.89   |
| Engineering teachers .....                            | 36.67             | 14.4                                     | 15.93       | 27.42        | 35.59   | 41.80   | 53.53   |
| Mathematical science teachers .....                   | 36.20             | 9.5                                      | 23.77       | 25.93        | 31.33   | 45.50   | 52.92   |
| Computer science teachers .....                       | 27.58             | 10.2                                     | 13.51       | 21.22        | 28.66   | 34.00   | 46.47   |

See footnotes at end of table.

Supplementary table 2.2. **Private industry, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> full-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>   | Full-time workers |  |             |              |         |         |         |
|---|-------------------|--|-------------|--------------|---------|---------|---------|
|   | Hourly earnings   |  |             |              |         |         |         |
|   | Mean              | Relative error <sup>5</sup><br>(percent) | Percentiles |              |         |         |         |
| 10  |                   |  | 25          | Median<br>50 | 75      | 90      |         |
| <b>White collar –Continued</b>  |                   |  |             |              |         |         |         |
| <b>Professional specialty and technical –Continued</b>                      |                   |  |             |              |         |         |         |
| Professional specialty –Continued   |                   |  |             |              |         |         |         |
| Teachers, college and university –Continued                                 |                   |  |             |              |         |         |         |
| Medical science teachers .....  | \$45.45           | 5.4                                      | \$20.95     | \$30.74      | \$45.14 | \$55.06 | \$67.22 |
| Health specialties teachers .....   | 32.08             | 6.9                                      | 20.12       | 22.95        | 27.47   | 41.86   | 50.47   |
| Business, commerce, and marketing teachers .....                            | 41.61             | 6.7                                      | 21.79       | 32.27        | 36.87   | 48.33   | 67.77   |
| Art, drama, and music teachers .....  | 29.96             | 6.9                                      | 20.96       | 22.97        | 27.89   | 37.50   | 43.00   |
| Physical education teachers .....   | 26.00             | 4.9                                      | 20.73       | 22.31        | 24.13   | 28.21   | 35.31   |
| Education teachers .....  | 30.59             | 17.2                                     | 11.74       | 20.28        | 29.62   | 36.57   | 52.75   |
| English teachers .....  | 32.16             | 11.5                                     | 17.78       | 22.54        | 27.66   | 36.07   | 60.85   |
| Foreign language teachers .....   | 32.30             | 7.3                                      | 19.53       | 25.04        | 31.07   | 40.66   | 45.09   |
| Law teachers .....  | 62.01             | 8.2                                      | 37.12       | 46.15        | 57.72   | 75.10   | 92.50   |
| Social work teachers .....  | 26.74             | 7.9                                      | 20.97       | 22.37        | 26.46   | 29.26   | 35.71   |
| Theology teachers .....   | 34.59             | 8.4                                      | 23.54       | 28.72        | 30.66   | 38.18   | 50.95   |
| Trade and industrial teachers .....   | 18.81             | 15.2                                     | 11.67       | 12.58        | 18.32   | 24.82   | 29.10   |
| Teachers, post secondary, subject not specified .....                       | 34.11             | 6.0                                      | 21.25       | 25.93        | 32.93   | 39.78   | 44.19   |
| Teachers, post secondary, n.e.c. ....                                       | 35.69             | 7.2                                      | 19.46       | 22.99        | 28.62   | 40.66   | 60.39   |
| Teachers, except college and university .....                               | 17.41             | 2.0                                      | 9.06        | 11.61        | 15.82   | 21.67   | 28.00   |
| Prekindergarten and kindergarten .....                                      | 11.01             | 4.6                                      | 7.50        | 8.47         | 10.00   | 12.20   | 15.56   |
| Elementary school teachers .....  | 20.21             | 3.0                                      | 12.17       | 14.29        | 18.75   | 24.47   | 30.97   |
| Secondary school teachers .....   | 22.57             | 2.9                                      | 13.85       | 16.88        | 21.51   | 27.00   | 32.84   |
| Teachers, special education .....   | 19.92             | 4.6                                      | 12.30       | 14.92        | 18.82   | 22.89   | 31.88   |
| Teachers, n.e.c. ....   | 16.95             | 3.8                                      | 10.00       | 12.64        | 15.57   | 21.66   | 24.73   |
| Vocational and educational counselors .....                                 | 15.79             | 4.3                                      | 9.75        | 11.48        | 13.86   | 18.90   | 23.77   |
| Librarians, archivists, and curators .....                                  | 21.34             | 3.9                                      | 13.67       | 15.86        | 19.93   | 25.59   | 31.91   |
| Librarians .....  | 20.78             | 3.7                                      | 14.00       | 15.86        | 19.44   | 25.57   | 29.74   |
| Archivists and curators .....   | 23.38             | 13.0                                     | 12.93       | 14.47        | 21.70   | 30.37   | 35.26   |
| Social scientists and urban planners .....                                  | 23.32             | 3.7                                      | 13.35       | 15.73        | 22.16   | 30.03   | 35.60   |
| Economists .....  | 26.30             | 3.9                                      | 14.86       | 18.51        | 25.51   | 31.87   | 38.28   |
| Psychologists .....   | 17.58             | 4.0                                      | 11.06       | 13.66        | 15.90   | 20.67   | 25.00   |
| Social scientists, n.e.c. ....  | 26.15             | 5.8                                      | 15.87       | 20.45        | 23.18   | 32.28   | 32.55   |
| Social, recreation, and religious workers .....                             | 14.40             | 1.6                                      | 9.30        | 11.14        | 13.40   | 16.91   | 20.69   |
| Social workers .....  | 14.51             | 1.7                                      | 9.62        | 11.48        | 13.60   | 16.98   | 20.20   |
| Recreation workers .....  | 11.85             | 3.6                                      | 8.24        | 9.81         | 11.30   | 13.40   | 16.83   |
| Clergy .....  | 15.22             | 17.4                                     | 5.05        | 6.94         | 15.07   | 23.52   | 26.00   |
| Religious workers, n.e.c. ....  | 20.63             | 16.1                                     | 8.50        | 14.79        | 22.06   | 26.30   | 31.73   |
| Lawyers and judges .....  | 41.48             | 2.6                                      | 23.43       | 29.62        | 38.85   | 48.95   | 64.90   |
| Lawyers .....   | 41.47             | 2.6                                      | 23.37       | 29.62        | 38.82   | 48.95   | 64.90   |
| Writers, authors, entertainers, athletes, and professionals,<br>n.e.c. .... | 24.77             | 4.3                                      | 11.80       | 15.40        | 20.15   | 28.23   | 39.01   |
| Technical writers .....   | 21.66             | 7.0                                      | 14.76       | 16.25        | 18.80   | 24.00   | 30.00   |
| Designers .....   | 22.61             | 4.0                                      | 12.96       | 16.00        | 20.73   | 27.55   | 35.05   |
| Musicians and composers .....   | 40.49             | 27.3                                     | 16.88       | 18.12        | 24.61   | 51.83   | 76.37   |
| Actors and directors .....  | 37.17             | 20.7                                     | 11.56       | 13.26        | 23.08   | 58.46   | 90.00   |
| Painters, sculptors, craft artists, and artist printmakers .....            | 26.89             | 24.8                                     | 10.40       | 12.90        | 15.90   | 25.00   | 57.06   |
| Photographers .....   | 17.00             | 7.9                                      | 9.00        | 10.90        | 16.76   | 20.87   | 26.09   |
| Artists, performers, and related workers, n.e.c. ....                       | 15.92             | 14.6                                     | 6.00        | 8.00         | 14.70   | 23.44   | 26.07   |
| Editors and reporters .....   | 23.49             | 5.0                                      | 12.01       | 15.12        | 19.20   | 26.72   | 39.13   |
| Public relations specialists .....  | 21.02             | 6.7                                      | 11.05       | 14.35        | 19.88   | 25.24   | 34.35   |
| Announcers .....  | 26.98             | 23.8                                     | 8.66        | 11.06        | 14.04   | 34.67   | 52.50   |
| Professional, n.e.c. ....   | 26.16             | 3.5                                      | 14.83       | 18.27        | 24.63   | 32.45   | 40.19   |
| Technical .....   | 18.87             | 1.4                                      | 10.50       | 12.78        | 16.35   | 21.00   | 26.03   |
| Clinical laboratory technologists and technicians .....                     | 15.50             | 2.1                                      | 9.51        | 11.70        | 15.19   | 18.79   | 21.83   |
| Health record technologists and technicians .....                           | 12.07             | 4.4                                      | 8.65        | 9.77         | 10.95   | 15.01   | 16.66   |
| Radiological technicians .....  | 16.98             | 1.7                                      | 11.85       | 13.93        | 16.47   | 19.51   | 22.25   |
| Licensed practical nurses .....   | 12.98             | 1.1                                      | 9.81        | 11.02        | 12.65   | 14.53   | 16.50   |
| Health technologists and technicians, n.e.c. ....                           | 13.47             | 1.6                                      | 8.64        | 10.49        | 12.84   | 15.49   | 18.41   |
| Electrical and electronic technicians .....                                 | 18.62             | 1.2                                      | 12.31       | 15.29        | 18.56   | 21.72   | 24.89   |
| Industrial engineering technicians .....                                    | 18.87             | 4.5                                      | 12.98       | 15.77        | 21.01   | 21.10   | 24.18   |
| Mechanical engineering technicians .....                                    | 20.02             | 1.9                                      | 13.63       | 16.53        | 20.06   | 23.53   | 25.43   |
| Engineering technicians, n.e.c. ....  | 19.65             | 1.8                                      | 12.40       | 16.00        | 19.68   | 22.48   | 27.49   |

See footnotes at end of table.

Supplementary table 2.2. **Private industry, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> full-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>   | Full-time workers |  |             |              |         |         |         |
|---|-------------------|--|-------------|--------------|---------|---------|---------|
|   | Hourly earnings   |  |             |              |         |         |         |
|   | Mean              | Relative error <sup>5</sup><br>(percent) | Percentiles |              |         |         |         |
| 10  |                   |  | 25          | Median<br>50 | 75      | 90      |         |
| <b>White collar –Continued</b>                                    |                   |  |             |              |         |         |         |
| <b>Professional specialty and technical –Continued</b>            |                   |  |             |              |         |         |         |
| Technical –Continued  |                   |  |             |              |         |         |         |
| Drafters .....  | \$18.89           | 4.3                                      | \$11.92     | \$13.98      | \$16.91 | \$22.20 | \$30.00 |
| Surveying and mapping technicians .....                           | 16.01             | 8.6                                      | 9.50        | 12.00        | 15.25   | 18.04   | 28.50   |
| Biological technicians .....                                      | 16.76             | 5.8                                      | 9.37        | 12.23        | 16.04   | 21.20   | 22.67   |
| Chemical technicians .....  | 17.04             | 2.5                                      | 12.08       | 13.75        | 16.05   | 20.95   | 22.42   |
| Science technicians, n.e.c. ....                                  | 18.52             | 3.5                                      | 12.02       | 15.05        | 18.22   | 22.93   | 23.31   |
| Airplane pilots and navigators .....                              | 80.02             | 9.5                                      | 19.00       | 28.76        | 54.25   | 119.61  | 169.91  |
| Broadcast equipment operators .....                               | 19.73             | 11.6                                     | 7.50        | 11.65        | 17.31   | 29.91   | 34.38   |
| Computer programmers .....  | 22.45             | 2.0                                      | 14.91       | 17.82        | 21.46   | 26.11   | 30.90   |
| Tool programmers, numerical control .....                         | 17.32             | 4.7                                      | 14.29       | 15.11        | 15.11   | 18.10   | 23.56   |
| Legal assistants .....  | 17.91             | 2.7                                      | 12.62       | 15.00        | 16.98   | 19.81   | 23.63   |
| Technical and related, n.e.c. ....                                | 19.58             | 2.0                                      | 11.13       | 14.24        | 18.59   | 23.32   | 28.94   |
| <b>Executive, administrative, and managerial</b>                  |                   |  |             |              |         |         |         |
| Executives, administrators, and managers .....                    | 32.55             | 1.4                                      | 15.70       | 21.25        | 29.11   | 39.00   | 50.51   |
| Administrators and officials, public administration .....         | 24.65             | 13.8                                     | 13.03       | 15.87        | 20.85   | 25.94   | 44.16   |
| Financial managers .....  | 32.77             | 2.5                                      | 17.18       | 21.63        | 28.13   | 38.32   | 50.00   |
| Personnel and labor relations managers .....                      | 32.41             | 3.5                                      | 17.48       | 21.63        | 30.46   | 39.02   | 49.13   |
| Purchasing managers .....   | 29.26             | 3.6                                      | 15.35       | 21.48        | 29.80   | 34.94   | 41.60   |
| Managers, marketing, advertising, and public relations .....      | 35.38             | 2.0                                      | 17.20       | 24.44        | 33.92   | 43.81   | 54.91   |
| Administrators, education and related fields .....                | 25.81             | 3.4                                      | 12.06       | 17.01        | 22.60   | 29.88   | 43.10   |
| Managers, medicine and health .....                               | 29.85             | 2.4                                      | 17.79       | 21.62        | 26.94   | 34.59   | 44.45   |
| Managers, food servicing and lodging establishments ..            | 18.40             | 3.5                                      | 10.85       | 13.14        | 16.13   | 20.67   | 28.85   |
| Managers, properties and real estate .....                        | 23.38             | 10.2                                     | 10.30       | 13.85        | 20.77   | 28.85   | 43.27   |
| Funeral directors .....   | 25.26             | 14.3                                     | 14.96       | 21.18        | 21.18   | 31.25   | 38.46   |
| Managers, service organizations, n.e.c. ....                      | 23.75             | 13.9                                     | 10.34       | 12.80        | 19.01   | 29.07   | 40.87   |
| Managers and administrators, n.e.c. ....                          | 34.88             | 1.4                                      | 18.35       | 23.52        | 31.26   | 41.01   | 52.88   |
| Management related .....  | 22.76             | .9                                       | 13.46       | 16.48        | 20.76   | 26.45   | 33.69   |
| Accountants and auditors .....                                    | 20.94             | 2.2                                      | 13.47       | 16.32        | 19.41   | 24.25   | 29.62   |
| Underwriters .....  | 25.67             | 5.0                                      | 13.31       | 17.26        | 21.97   | 32.42   | 44.19   |
| Other financial officers .....                                    | 25.15             | 3.8                                      | 13.27       | 16.53        | 21.29   | 28.81   | 40.87   |
| Management analysts .....   | 24.46             | 2.6                                      | 14.62       | 17.83        | 23.66   | 29.16   | 34.18   |
| Personnel, training, and labor relations specialists .....        | 21.86             | 2.8                                      | 12.55       | 15.63        | 20.45   | 25.51   | 32.14   |
| Purchasing agents and buyers, farm products .....                 | 19.21             | 9.6                                      | 10.00       | 15.00        | 19.00   | 23.55   | 26.39   |
| Buyers, wholesale and retail trade, except farm products .....    | 23.27             | 6.0                                      | 12.98       | 15.56        | 20.67   | 27.40   | 32.45   |
| Purchasing agents and buyers, n.e.c. ....                         | 23.39             | 2.3                                      | 14.42       | 17.61        | 21.75   | 27.06   | 35.49   |
| Business and promotional agents .....                             | 19.13             | 7.6                                      | 14.47       | 15.20        | 17.64   | 20.41   | 24.80   |
| Construction inspectors .....                                     | 20.66             | 6.9                                      | 14.50       | 15.75        | 18.27   | 26.07   | 28.58   |
| Inspectors and compliance officers, except construction .....     | 23.13             | 3.8                                      | 14.96       | 18.03        | 21.76   | 27.24   | 32.18   |
| Management related, n.e.c. ....                                   | 22.82             | 1.4                                      | 13.22       | 16.25        | 21.04   | 26.39   | 34.28   |
| <b>Sales</b>  |                   |  |             |              |         |         |         |
| Supervisors, sales .....  | 20.22             | 4.1                                      | 9.08        | 11.54        | 15.85   | 23.10   | 34.48   |
| Insurance sales .....   | 23.34             | 14.7                                     | 9.29        | 11.97        | 17.43   | 25.08   | 37.02   |
| Real estate sales .....   | 38.52             | 17.3                                     | 11.85       | 14.50        | 28.74   | 46.70   | 78.75   |
| Securities and financial services sales .....                     | 37.43             | 9.5                                      | 11.59       | 14.30        | 24.04   | 49.47   | 72.12   |
| Advertising and related sales .....                               | 20.05             | 6.7                                      | 10.99       | 11.76        | 16.49   | 24.62   | 32.38   |
| Sales, other business services .....                              | 20.19             | 5.6                                      | 8.50        | 11.54        | 16.05   | 23.23   | 34.04   |
| Sales engineers .....   | 27.46             | 4.4                                      | 17.35       | 21.59        | 25.67   | 33.24   | 38.49   |
| Sales representatives, mining, manufacturing, and wholesale ..... | 24.92             | 3.1                                      | 12.01       | 15.43        | 21.20   | 29.40   | 40.42   |
| Sales workers, motor vehicles and boats .....                     | 18.98             | 3.1                                      | 6.86        | 9.76         | 15.02   | 23.45   | 36.20   |
| Sales workers, apparel .....                                      | 9.16              | 4.3                                      | 5.75        | 6.50         | 7.75    | 10.00   | 13.92   |
| Sales workers, shoes .....  | 11.53             | 7.0                                      | 6.47        | 7.62         | 10.16   | 14.16   | 17.76   |
| Sales workers, furniture and home furnishings .....               | 14.02             | 8.2                                      | 6.75        | 8.00         | 11.30   | 18.10   | 25.38   |
| Sales workers, radio, tv, hi-fi, and appliances .....             | 10.51             | 6.7                                      | 5.75        | 6.67         | 8.27    | 12.09   | 17.49   |
| Sales workers, hardware and building supplies .....               | 11.51             | 6.2                                      | 7.00        | 8.00         | 9.64    | 12.50   | 16.59   |
| Sales workers, parts .....  | 14.85             | 4.7                                      | 8.00        | 10.10        | 13.63   | 18.54   | 23.30   |

See footnotes at end of table.

Supplementary table 2.2. **Private industry, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> full-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>  | Full-time workers |                                       |             |           |        |         |         |
|--|-------------------|---------------------------------------|-------------|-----------|--------|---------|---------|
|  | Hourly earnings   |                                       |             |           |        |         |         |
|  | Mean              | Relative error <sup>5</sup> (percent) | Percentiles |           |        |         |         |
| 10   |                   |                                       | 25          | Median 50 | 75     | 90      |         |
| <b>White collar –Continued</b>                                       |                   |                                       |             |           |        |         |         |
| <b>Sales –Continued</b>  |                   |                                       |             |           |        |         |         |
| Sales workers, other commodities .....                               | \$11.00           | 2.7                                   | \$5.90      | \$6.80    | \$8.75 | \$11.92 | \$18.09 |
| Sales counter clerks .....   | 9.22              | 3.6                                   | 6.25        | 7.34      | 8.75   | 10.31   | 13.07   |
| Cashiers .....   | 8.36              | 1.3                                   | 6.00        | 7.18      | 7.75   | 9.06    | 11.06   |
| Street and door-to-door sales workers .....                          | 16.28             | 10.2                                  | 6.52        | 8.34      | 16.56  | 19.34   | 25.26   |
| Demonstrators, promoters, and models, sales .....                    | 12.37             | 8.2                                   | 7.09        | 8.94      | 11.07  | 14.42   | 15.63   |
| Sales support, n.e.c. ....   | 13.35             | 3.1                                   | 6.75        | 8.75      | 12.15  | 16.19   | 21.32   |
| <b>Administrative support, including clerical .....</b>              |                   |                                       |             |           |        |         |         |
| Supervisors, general office .....                                    | 12.27             | .6                                    | 7.69        | 9.13      | 11.50  | 14.55   | 17.89   |
| Supervisors, computer equipment operators .....                      | 17.15             | 1.8                                   | 11.63       | 13.50     | 16.00  | 19.97   | 23.46   |
| Supervisors, financial records processing .....                      | 20.27             | 4.1                                   | 14.85       | 16.69     | 20.38  | 22.78   | 27.08   |
| Supervisors, distribution, scheduling, and adjusting clerks .....    | 17.93             | 1.9                                   | 12.33       | 14.24     | 17.00  | 19.95   | 25.21   |
| Chief communications operators .....                                 | 18.12             | 8.9                                   | 10.08       | 12.50     | 17.59  | 23.64   | 26.91   |
| Supervisors, distribution, scheduling, and adjusting clerks .....    | 17.79             | 3.1                                   | 11.35       | 13.40     | 16.97  | 21.69   | 25.24   |
| Computer operators .....   | 14.44             | 1.9                                   | 9.74        | 11.80     | 13.89  | 16.89   | 19.32   |
| Peripheral equipment operators .....                                 | 10.06             | 3.6                                   | 7.57        | 8.88      | 9.06   | 11.04   | 14.24   |
| Secretaries .....  | 13.89             | .8                                    | 9.16        | 11.01     | 13.46  | 16.15   | 19.23   |
| Stenographers .....  | 12.56             | 2.5                                   | 8.99        | 10.43     | 12.02  | 13.95   | 16.15   |
| Typists .....  | 12.45             | 2.2                                   | 8.82        | 9.47      | 11.65  | 14.61   | 17.26   |
| Interviewers .....   | 10.07             | 2.2                                   | 7.15        | 8.39      | 9.68   | 11.41   | 13.43   |
| Hotel clerks .....   | 8.73              | 3.6                                   | 6.41        | 7.00      | 8.00   | 9.75    | 12.20   |
| Transportation ticket and reservation agents .....                   | 11.81             | 9.9                                   | 5.67        | 7.50      | 10.33  | 17.67   | 18.94   |
| Receptionists .....  | 9.40              | 1.3                                   | 7.00        | 7.99      | 9.00   | 10.50   | 12.32   |
| Information clerks, n.e.c. ....                                      | 11.71             | 2.3                                   | 8.12        | 9.39      | 11.09  | 13.45   | 16.23   |
| Classified ad clerks .....   | 10.58             | 14.9                                  | 5.70        | 5.70      | 9.38   | 13.57   | 18.15   |
| Correspondence clerks .....  | 12.07             | 3.2                                   | 8.17        | 9.19      | 11.25  | 14.25   | 16.89   |
| Order clerks .....   | 12.26             | 2.4                                   | 7.75        | 9.32      | 11.44  | 14.32   | 18.12   |
| Personnel clerks, except payroll and timekeeping .....               | 12.63             | 1.8                                   | 8.40        | 9.95      | 12.04  | 14.62   | 18.25   |
| Library clerks .....   | 11.90             | 2.8                                   | 8.79        | 9.75      | 11.30  | 13.65   | 16.10   |
| File clerks .....  | 9.11              | 1.8                                   | 6.94        | 7.50      | 8.57   | 10.38   | 12.25   |
| Records clerks, n.e.c. ....  | 11.12             | 1.4                                   | 7.25        | 8.70      | 10.37  | 13.26   | 15.71   |
| Bookkeepers, accounting and auditing clerks .....                    | 11.72             | .7                                    | 8.00        | 9.56      | 11.50  | 13.21   | 15.74   |
| Payroll and timekeeping clerks .....                                 | 12.68             | 1.9                                   | 8.91        | 10.03     | 12.37  | 14.43   | 17.41   |
| Billing clerks .....   | 11.01             | 1.5                                   | 8.17        | 9.13      | 10.50  | 12.58   | 14.26   |
| Cost and rate clerks .....   | 11.76             | 6.8                                   | 6.37        | 9.16      | 11.06  | 14.75   | 17.40   |
| Billing, posting, and calculating machine operators .....            | 10.82             | 6.0                                   | 6.72        | 8.08      | 9.96   | 12.54   | 15.39   |
| Duplicating machine operators .....                                  | 10.16             | 2.5                                   | 7.72        | 8.54      | 9.63   | 11.16   | 13.03   |
| Mail preparing and paper handling machine operators .....            | 9.59              | 5.1                                   | 6.67        | 8.04      | 9.42   | 10.39   | 13.54   |
| Office machine operators, n.e.c. ....                                | 8.78              | 5.4                                   | 6.00        | 7.30      | 8.12   | 10.13   | 12.66   |
| Telephone operators .....  | 11.90             | 3.8                                   | 6.75        | 8.50      | 11.70  | 15.64   | 16.92   |
| Communications equipment operators, n.e.c. ....                      | 10.01             | 5.4                                   | 7.32        | 8.40      | 9.56   | 12.37   | 12.37   |
| Mail clerks, except postal service .....                             | 9.59              | 3.7                                   | 6.37        | 7.55      | 9.00   | 10.67   | 12.86   |
| Messengers .....   | 8.90              | 8.8                                   | 5.15        | 6.98      | 8.42   | 10.68   | 12.79   |
| Dispatchers .....  | 12.69             | 5.2                                   | 7.50        | 8.95      | 11.47  | 15.64   | 18.47   |
| Production coordinators .....  | 14.79             | 1.9                                   | 10.00       | 11.70     | 13.85  | 16.80   | 21.28   |
| Traffic, shipping and receiving clerks .....                         | 11.59             | 3.3                                   | 7.70        | 8.85      | 10.72  | 13.70   | 18.10   |
| Stock and inventory clerks .....                                     | 11.65             | 1.5                                   | 7.28        | 8.81      | 11.07  | 14.15   | 16.73   |
| Meter readers .....  | 15.97             | 4.5                                   | 10.28       | 13.45     | 17.09  | 19.24   | 19.98   |
| Weighers, measurers, checkers, and samplers .....                    | 12.88             | 6.1                                   | 7.37        | 8.90      | 12.03  | 17.78   | 20.90   |
| Expeditors .....   | 13.39             | 3.6                                   | 8.64        | 10.39     | 12.50  | 15.84   | 18.70   |
| Material recording, scheduling, and distribution clerks, n.e.c. .... | 12.13             | 3.4                                   | 6.54        | 8.60      | 10.76  | 15.63   | 19.53   |
| Insurance adjusters, examiners, and investigators .....              | 14.99             | 3.0                                   | 9.57        | 11.28     | 13.69  | 17.00   | 21.71   |
| Investigators and adjusters, except insurance .....                  | 12.66             | 2.8                                   | 8.13        | 9.46      | 11.79  | 15.20   | 19.30   |
| Eligibility clerks, social welfare .....                             | 10.98             | 4.2                                   | 7.50        | 8.99      | 10.51  | 12.22   | 15.79   |
| Bill and account collectors .....                                    | 11.70             | 2.8                                   | 8.13        | 9.07      | 10.94  | 13.35   | 16.73   |
| General office clerks .....  | 11.41             | 1.0                                   | 7.50        | 8.75      | 10.81  | 13.33   | 16.24   |
| Bank tellers .....   | 9.14              | 1.6                                   | 7.00        | 7.70      | 8.66   | 9.95    | 11.92   |
| Proofreaders .....   | 10.64             | 5.6                                   | 6.54        | 8.18      | 9.99   | 12.85   | 15.15   |
| Data entry keyers .....  | 9.95              | 1.7                                   | 7.13        | 8.21      | 9.31   | 11.14   | 13.65   |

See footnotes at end of table.

Supplementary table 2.2. **Private industry, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> full-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998**—Continued

| Occupation <sup>4</sup>  | Full-time workers |  |             |              |         |         |         |
|--|-------------------|--|-------------|--------------|---------|---------|---------|
|  | Hourly earnings   |  |             |              |         |         |         |
|  | Mean              | Relative error <sup>5</sup><br>(percent) | Percentiles |              |         |         |         |
| 10   |                   |  | 25          | Median<br>50 | 75      | 90      |         |
| <b>White collar</b> —Continued   |                   |  |             |              |         |         |         |
| <b>Administrative support, including clerical</b> —Continued           |                   |  |             |              |         |         |         |
| Statistical clerks .....   | \$12.07           | 4.7                                      | \$7.30      | \$9.00       | \$11.64 | \$15.38 | \$17.09 |
| Teachers' aides .....  | 8.65              | 5.5                                      | 6.00        | 7.00         | 7.84    | 9.27    | 12.31   |
| Administrative support, n.e.c. ....                                    | 12.27             | 2.2                                      | 7.61        | 9.32         | 11.50   | 14.47   | 17.38   |
| <b>Blue collar</b> .....   | 13.04             | .7                                       | 6.99        | 8.73         | 11.84   | 16.38   | 20.95   |
| <b>Precision production, craft, and repair</b> .....                   |                   |  |             |              |         |         |         |
| Supervisors, mechanics and repairers .....                             | 16.64             | 1.1                                      | 9.22        | 11.92        | 16.16   | 20.95   | 24.31   |
| Automobile mechanics .....   | 22.34             | 1.8                                      | 14.25       | 17.77        | 21.64   | 26.42   | 30.41   |
| Automobile mechanic apprentices .....                                  | 17.16             | 2.6                                      | 10.50       | 13.50        | 16.00   | 19.90   | 24.30   |
| Bus, truck, and stationary engine mechanics .....                      | 10.24             | 6.9                                      | 6.50        | 7.50         | 10.18   | 12.73   | 12.75   |
| Aircraft engine mechanics .....  | 15.19             | 2.2                                      | 10.00       | 12.00        | 15.00   | 17.50   | 20.94   |
| Small engine repairs .....   | 21.81             | 3.2                                      | 15.09       | 17.34        | 23.28   | 25.23   | 27.40   |
| Automobile body and related repairers .....                            | 12.85             | 9.0                                      | 9.50        | 10.50        | 12.00   | 15.64   | 15.64   |
| Aircraft mechanics, except engine .....                                | 16.54             | 5.1                                      | 10.31       | 11.81        | 14.69   | 18.44   | 26.63   |
| Heavy equipment mechanics .....  | 19.28             | 2.4                                      | 13.28       | 16.42        | 19.05   | 22.64   | 24.15   |
| Industrial machinery repairers .....                                   | 17.52             | 3.7                                      | 11.50       | 13.18        | 17.28   | 20.81   | 23.99   |
| Machinery maintenance .....  | 16.56             | 1.9                                      | 11.22       | 13.31        | 16.12   | 19.69   | 23.14   |
| Electronic repairers, communications and industrial<br>equipment ..... | 13.47             | 2.6                                      | 9.00        | 10.00        | 13.50   | 15.26   | 19.42   |
| Data processing equipment repairers .....                              | 17.70             | 3.9                                      | 10.29       | 12.64        | 17.62   | 22.70   | 25.08   |
| Household appliance and power tool repairers .....                     | 16.34             | 2.4                                      | 10.64       | 13.52        | 16.83   | 19.25   | 20.30   |
| Telephone line installers and repairers .....                          | 16.97             | 6.1                                      | 10.00       | 12.26        | 17.30   | 21.02   | 24.31   |
| Telephone installers and repairers .....                               | 19.59             | 2.7                                      | 13.00       | 18.67        | 20.58   | 22.30   | 22.76   |
| Heating, air conditioning, and refrigeration mechanics ..              | 17.88             | 1.7                                      | 11.28       | 14.70        | 19.17   | 20.96   | 22.31   |
| Camera, watch, and musical instrument repairers .....                  | 16.29             | 2.3                                      | 11.35       | 13.35        | 16.00   | 18.59   | 22.10   |
| Locksmiths and safe repairers .....                                    | 16.47             | 14.1                                     | 8.41        | 11.58        | 15.84   | 21.01   | 22.89   |
| Office machine repairers .....   | 17.90             | 6.6                                      | 12.21       | 16.81        | 17.36   | 20.77   | 20.77   |
| Mechanical controls and valve repairers .....                          | 15.86             | 5.2                                      | 10.27       | 12.33        | 15.57   | 19.42   | 22.15   |
| Elevator installers and repairers .....                                | 18.43             | 5.3                                      | 11.00       | 14.77        | 19.05   | 22.30   | 24.53   |
| Millwrights .....  | 19.17             | 24.0                                     | 10.00       | 11.00        | 20.33   | 28.65   | 28.65   |
| Mechanics and repairers, n.e.c. ....                                   | 19.13             | 5.6                                      | 13.81       | 15.15        | 20.50   | 22.90   | 23.44   |
| Supervisors, brickmasons, stonemasons, and<br>tilesetters .....        | 16.10             | 1.6                                      | 9.50        | 12.26        | 16.01   | 19.94   | 22.79   |
| Supervisors, carpenters and related workers .....                      | 22.60             | 4.5                                      | 19.00       | 21.00        | 22.00   | 25.99   | 25.99   |
| Supervisors, electricians and power transmission<br>installers .....   | 21.37             | 5.9                                      | 14.25       | 17.52        | 21.33   | 26.11   | 27.21   |
| Supervisors, painters, paperhangers, and plasterers ....               | 22.69             | 5.1                                      | 15.37       | 17.03        | 20.76   | 27.96   | 32.07   |
| Supervisors, plumbers, pipefitters, and steamfitters .....             | 18.28             | 2.4                                      | 15.90       | 17.58        | 18.00   | 20.00   | 20.50   |
| Supervisors, construction trades, n.e.c. ....                          | 23.82             | 8.1                                      | 14.00       | 17.87        | 26.78   | 28.45   | 32.70   |
| Brickmasons and stonemasons .....                                      | 19.93             | 2.3                                      | 13.22       | 15.75        | 19.79   | 23.47   | 27.03   |
| Brickmason and stonemason apprentices .....                            | 16.93             | 7.6                                      | 9.15        | 13.81        | 16.90   | 20.00   | 24.10   |
| Carpet installers .....  | 12.73             | 9.6                                      | 8.50        | 9.64         | 11.68   | 16.00   | 18.75   |
| Carpenters .....   | 24.86             | 4.1                                      | 18.50       | 23.73        | 26.95   | 26.95   | 30.00   |
| Carpenter apprentices .....  | 17.03             | 2.2                                      | 10.96       | 13.96        | 16.25   | 20.79   | 23.40   |
| Drywall installers .....   | 12.47             | 3.6                                      | 9.27        | 10.16        | 11.81   | 13.92   | 17.52   |
| Electricians .....   | 15.46             | 2.3                                      | 12.00       | 13.50        | 14.21   | 17.00   | 18.95   |
| Electrician apprentices .....  | 19.17             | 2.1                                      | 12.90       | 15.27        | 18.12   | 23.57   | 26.50   |
| Electrical power installers and repairers .....                        | 12.83             | 6.9                                      | 7.25        | 9.00         | 11.32   | 15.94   | 19.99   |
| Painters, construction and maintenance .....                           | 21.78             | 3.2                                      | 15.23       | 18.50        | 22.66   | 25.11   | 27.33   |
| Plumbers, pipefitters and steamfitters .....                           | 15.34             | 7.4                                      | 7.67        | 9.80         | 13.93   | 20.37   | 25.50   |
| Plumber, pipefitter, and steamfitter apprentices .....                 | 20.73             | 1.9                                      | 13.50       | 16.81        | 22.16   | 23.64   | 25.69   |
| Concrete and terrazzo finishers .....                                  | 14.13             | 5.0                                      | 8.72        | 11.17        | 13.37   | 17.39   | 17.75   |
| Glaziers .....   | 14.12             | 9.2                                      | 8.50        | 9.50         | 12.18   | 17.50   | 21.60   |
| Insulation workers .....   | 14.29             | 6.4                                      | 8.00        | 12.00        | 14.00   | 17.00   | 20.85   |
| Roofers .....  | 12.10             | 6.7                                      | 7.00        | 9.50         | 11.25   | 14.25   | 18.14   |
| Sheetmetal duct installers .....                                       | 13.56             | 6.4                                      | 8.50        | 10.00        | 11.54   | 18.17   | 20.30   |
| Structural metal workers .....   | 19.43             | 8.1                                      | 11.20       | 13.29        | 20.08   | 26.58   | 26.58   |
| Drillers, earth .....  | 16.20             | 4.7                                      | 11.00       | 12.65        | 15.57   | 19.50   | 21.95   |
| Construction trades, n.e.c. ....                                       | 11.49             | 10.6                                     | 9.25        | 9.25         | 11.52   | 12.50   | 15.97   |
|  | 16.46             | 3.3                                      | 8.35        | 11.03        | 15.79   | 21.43   | 26.45   |

See footnotes at end of table.

Supplementary table 2.2. **Private industry, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> full-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>   | Full-time workers |  |             |              |         |         |         |
|---|-------------------|--|-------------|--------------|---------|---------|---------|
|   | Hourly earnings   |  |             |              |         |         |         |
|   | Mean              | Relative error <sup>5</sup><br>(percent) | Percentiles |              |         |         |         |
| 10  |                   |  | 25          | Median<br>50 | 75      | 90      |         |
| <b>Blue collar –Continued</b>   |                   |  |             |              |         |         |         |
| <b>Precision production, craft, and repair –Continued</b>             |                   |  |             |              |         |         |         |
| Supervisors, extractive .....   | \$22.96           | 11.7                                     | \$15.24     | \$16.33      | \$24.11 | \$28.80 | \$32.09 |
| Drillers, oil well .....  | 17.37             | 2.6                                      | 8.95        | 9.19         | 19.18   | 21.57   | 22.06   |
| Explosives workers .....  | 15.91             | 16.0                                     | 10.29       | 10.29        | 15.83   | 21.50   | 24.50   |
| Mining machine operators .....  | 18.63             | 6.4                                      | 14.41       | 17.14        | 17.54   | 20.80   | 25.11   |
| Mining, n.e.c. ....   | 19.72             | 3.6                                      | 14.41       | 19.35        | 20.77   | 21.71   | 21.71   |
| Supervisors, production .....   | 19.02             | 2.6                                      | 11.25       | 14.50        | 18.51   | 22.67   | 27.36   |
| Tool and die makers .....   | 19.74             | 1.8                                      | 14.02       | 17.02        | 20.25   | 23.62   | 24.31   |
| Tool and die maker apprentices .....                                  | 14.33             | 4.9                                      | 9.40        | 10.85        | 13.83   | 16.23   | 20.66   |
| Precision assemblers, metal .....                                     | 16.19             | 3.0                                      | 10.93       | 12.83        | 15.63   | 19.62   | 21.71   |
| Machinists .....  | 17.02             | 1.1                                      | 12.30       | 14.66        | 16.54   | 19.51   | 22.28   |
| Machinist apprentices .....   | 12.63             | 4.9                                      | 8.75        | 10.90        | 12.17   | 14.50   | 15.55   |
| Boilermakers .....  | 18.41             | 5.3                                      | 13.00       | 14.00        | 20.91   | 21.77   | 23.12   |
| Precision grinders, filers, and tool sharpeners .....                 | 14.90             | 4.7                                      | 6.85        | 11.87        | 15.27   | 18.31   | 23.40   |
| Patternmakers and modelmakers, metal .....                            | 18.21             | 5.7                                      | 9.50        | 14.05        | 17.47   | 24.55   | 24.96   |
| Layout workers .....  | 14.87             | 4.9                                      | 10.76       | 12.70        | 14.60   | 17.53   | 18.50   |
| Precious stones and metals workers .....                              | 8.98              | 8.8                                      | 6.25        | 6.59         | 8.00    | 10.50   | 14.38   |
| Engravers, metal .....  | 15.26             | 23.3                                     | 6.00        | 9.25         | 16.60   | 20.96   | 20.96   |
| Sheet metal workers .....   | 16.76             | 5.1                                      | 10.55       | 12.00        | 15.49   | 20.98   | 24.84   |
| Sheet metal worker apprentices .....                                  | 13.39             | 7.0                                      | 8.00        | 10.50        | 12.98   | 15.02   | 21.39   |
| Cabinet makers and bench carpenters .....                             | 10.87             | 5.2                                      | 8.38        | 8.80         | 10.42   | 12.36   | 13.84   |
| Furniture and wood finishers .....                                    | 11.68             | 2.5                                      | 10.40       | 11.46        | 11.46   | 11.77   | 13.13   |
| Tailors .....   | 11.86             | 3.4                                      | 8.93        | 9.40         | 11.68   | 13.37   | 15.20   |
| Upholsterers .....  | 12.57             | 9.3                                      | 6.45        | 8.53         | 12.08   | 15.91   | 19.23   |
| Hand molders and shapers, except jewelers .....                       | 16.34             | 3.1                                      | 12.08       | 14.78        | 15.69   | 18.25   | 20.10   |
| Patternmakers, layout workers, and cutters .....                      | 20.09             | 7.7                                      | 11.01       | 15.33        | 21.66   | 25.01   | 25.98   |
| Optical goods workers .....   | 11.00             | 12.8                                     | 6.50        | 7.10         | 9.89    | 13.84   | 16.11   |
| Dental laboratory and medical appliance technicians ....              | 15.59             | 12.6                                     | 10.00       | 12.38        | 14.57   | 16.67   | 25.13   |
| Bookbinders .....   | 13.57             | 6.1                                      | 8.15        | 11.77        | 14.25   | 16.62   | 17.95   |
| Electrical and electronic equipment assemblers .....                  | 9.81              | 3.0                                      | 6.60        | 7.89         | 9.78    | 11.00   | 13.34   |
| Miscellaneous precision workers, n.e.c. ....                          | 15.52             | 5.4                                      | 8.44        | 11.36        | 15.15   | 18.79   | 21.83   |
| Precision food production .....                                       | 10.90             | 7.3                                      | 7.64        | 8.68         | 11.75   | 12.24   | 14.09   |
| Butchers and meat cutters .....                                       | 10.30             | 3.7                                      | 6.89        | 8.25         | 9.64    | 11.20   | 15.85   |
| Bakers .....  | 9.69              | 3.6                                      | 7.00        | 7.50         | 8.75    | 11.00   | 14.45   |
| Food batchmakers .....  | 10.46             | 5.1                                      | 6.36        | 7.39         | 10.25   | 12.92   | 15.53   |
| Inspectors, testers, and graders .....                                | 16.27             | 2.3                                      | 10.50       | 12.22        | 15.46   | 20.18   | 22.35   |
| Precision inspectors, testers, and related workers,<br>n.e.c. ....    | 19.04             | 6.6                                      | 12.94       | 14.48        | 17.48   | 22.57   | 26.39   |
| Adjusters and calibrators .....                                       | 13.34             | 14.2                                     | 8.94        | 9.00         | 10.45   | 14.49   | 19.55   |
| Water and sewer treatment plant operators .....                       | 15.68             | 3.2                                      | 12.10       | 13.81        | 15.48   | 17.91   | 19.32   |
| Power plant operators .....   | 22.16             | 2.1                                      | 17.25       | 18.78        | 22.90   | 25.01   | 26.58   |
| Stationary engineers .....  | 19.06             | 3.5                                      | 12.77       | 15.27        | 18.83   | 23.40   | 25.70   |
| Miscellaneous plant and system operators, n.e.c. ....                 | 21.44             | 2.2                                      | 17.42       | 19.32        | 22.44   | 23.51   | 25.36   |
| <b>Machine operators, assemblers, and inspectors</b> .....            | 11.63             | .9                                       | 6.75        | 8.36         | 10.71   | 14.05   | 18.31   |
| Lathe and turning machine set-up operators .....                      | 14.03             | 2.6                                      | 10.99       | 12.31        | 13.63   | 15.67   | 17.82   |
| Lathe and turning machine operators .....                             | 12.83             | 6.3                                      | 9.68        | 9.83         | 11.30   | 15.45   | 18.53   |
| Milling and planing machine operators .....                           | 13.38             | 6.9                                      | 10.10       | 11.40        | 11.70   | 15.00   | 19.55   |
| Punching and stamping press operators .....                           | 12.10             | 3.0                                      | 7.50        | 8.82         | 11.52   | 14.13   | 19.81   |
| Rolling machine operators .....                                       | 13.46             | 6.1                                      | 8.81        | 9.72         | 13.80   | 15.52   | 17.75   |
| Drilling and boring machine operators .....                           | 11.38             | 12.2                                     | 6.75        | 7.38         | 10.75   | 14.77   | 17.44   |
| Grinding, abrading, buffing, and polishing machine<br>operators ..... | 11.59             | 2.9                                      | 7.35        | 8.97         | 10.80   | 13.20   | 17.23   |
| Forging machine operators .....                                       | 12.86             | 4.5                                      | 10.25       | 11.02        | 12.05   | 14.66   | 16.45   |
| Numerical control machine operators .....                             | 13.56             | 2.1                                      | 9.32        | 11.67        | 12.72   | 15.74   | 17.95   |
| Fabricating machine operators, n.e.c. ....                            | 13.29             | 2.3                                      | 8.40        | 10.05        | 12.02   | 16.10   | 20.40   |
| Molding and casting machine operators .....                           | 10.41             | 2.9                                      | 6.60        | 7.80         | 10.20   | 12.20   | 14.50   |
| Metal plating machine operators .....                                 | 12.03             | 3.1                                      | 7.57        | 9.55         | 12.40   | 14.50   | 15.80   |
| Heat treating equipment operators .....                               | 13.78             | 2.4                                      | 10.74       | 13.21        | 14.05   | 14.30   | 15.80   |
| Wood lathe, routing, and planing machine operators ....               | 10.63             | 11.7                                     | 6.85        | 6.85         | 10.10   | 11.86   | 14.91   |
| Sawing machine operators .....  | 9.14              | 5.2                                      | 6.00        | 8.00         | 8.93    | 10.60   | 11.50   |

See footnotes at end of table.



Supplementary table 2.2. **Private industry, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> full-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998**—Continued

| Occupation <sup>4</sup>  | Full-time workers |  |             |              |        |         |         |
|--|-------------------|--|-------------|--------------|--------|---------|---------|
|  | Hourly earnings   |  |             |              |        |         |         |
|  | Mean              | Relative error <sup>5</sup><br>(percent) | Percentiles |              |        |         |         |
| 10   |                   |  | 25          | Median<br>50 | 75     | 90      |         |
| <b>Blue collar</b> —Continued                                  |                   |  |             |              |        |         |         |
| <b>Machine operators, assemblers, and inspectors</b>           |                   |  |             |              |        |         |         |
| —Continued   |                   |  |             |              |        |         |         |
| Shaping and jointing machine operators .....                   | \$9.73            | 6.8                                      | \$6.08      | \$8.19       | \$9.20 | \$11.47 | \$14.50 |
| Nailing and tacking machine operators .....                    | 9.91              | 2.3                                      | 6.58        | 6.58         | 11.33  | 12.32   | 12.50   |
| Printing press operators .....                                 | 14.79             | 3.4                                      | 8.91        | 10.92        | 14.09  | 17.95   | 21.53   |
| Photoengravers and lithographers .....                         | 15.31             | 2.9                                      | 9.80        | 12.03        | 15.75  | 17.98   | 21.18   |
| Typesetters and compositors .....                              | 12.95             | 4.5                                      | 8.86        | 10.25        | 12.32  | 15.05   | 18.84   |
| Winding and twisting machine operators .....                   | 11.02             | 7.3                                      | 8.00        | 8.90         | 10.28  | 13.93   | 14.80   |
| Knitting, looping, taping, and weaving machine operators ..... | 10.10             | 1.9                                      | 7.63        | 9.39         | 9.98   | 10.91   | 12.19   |
| Textile cutting machine operators .....                        | 8.94              | 5.4                                      | 6.50        | 6.97         | 8.22   | 10.50   | 12.04   |
| Textile sewing machine operators .....                         | 7.99              | 2.7                                      | 5.50        | 6.26         | 7.53   | 8.91    | 10.61   |
| Shoe machine operators .....                                   | 9.11              | 8.6                                      | 6.13        | 7.02         | 9.08   | 11.34   | 12.43   |
| Pressing machine operators .....                               | 7.98              | 6.4                                      | 5.23        | 5.85         | 7.46   | 9.51    | 10.91   |
| Laundering and dry cleaning machine operators .....            | 7.39              | 1.9                                      | 5.50        | 6.07         | 7.00   | 8.10    | 9.80    |
| Cementing and gluing machine operators .....                   | 9.58              | 9.5                                      | 6.75        | 6.75         | 9.26   | 12.25   | 13.63   |
| Packaging and filling machine operators .....                  | 10.56             | 4.4                                      | 6.50        | 7.48         | 9.42   | 12.84   | 16.29   |
| Extruding and forming machine operators .....                  | 11.28             | 2.7                                      | 7.81        | 9.14         | 10.51  | 13.36   | 14.76   |
| Mixing and blending machine operators .....                    | 13.27             | 2.8                                      | 7.75        | 10.36        | 13.42  | 15.62   | 19.86   |
| Separating, filtering, and clarifying machine operators ..     | 15.85             | 3.8                                      | 10.59       | 13.70        | 16.10  | 18.55   | 20.67   |
| Compressing and compacting machine operators .....             | 10.45             | 2.3                                      | 9.39        | 9.95         | 10.23  | 10.66   | 12.54   |
| Painting and paint spraying machine operators .....            | 12.10             | 2.9                                      | 8.50        | 10.00        | 10.95  | 13.55   | 16.58   |
| Roasting and baking machine operators, food .....              | 11.61             | 5.6                                      | 7.53        | 9.78         | 12.07  | 13.50   | 16.52   |
| Washing, cleaning, and pickling machine operators .....        | 10.98             | 9.5                                      | 6.24        | 8.05         | 9.08   | 13.21   | 19.89   |
| Folding machine operators .....                                | 11.38             | 3.9                                      | 7.52        | 9.40         | 10.93  | 12.99   | 14.25   |
| Furnace, kiln, and oven operators, except food .....           | 13.53             | 4.7                                      | 8.00        | 10.59        | 12.01  | 16.07   | 21.03   |
| Crushing and grinding machine operators .....                  | 11.89             | 5.7                                      | 7.00        | 9.00         | 11.79  | 15.08   | 17.16   |
| Slicing and cutting machine operators .....                    | 12.72             | 3.6                                      | 8.72        | 10.65        | 13.43  | 14.71   | 15.71   |
| Photographic process machine operators .....                   | 10.65             | 2.8                                      | 6.67        | 8.36         | 10.27  | 12.70   | 14.89   |
| Miscellaneous machine operators, n.e.c. ....                   | 11.99             | 2.6                                      | 7.23        | 8.61         | 11.24  | 14.38   | 18.10   |
| Welders and cutters .....                                      | 14.07             | 1.9                                      | 9.00        | 11.13        | 13.72  | 16.39   | 20.40   |
| Solders and braziers .....                                     | 9.06              | 8.4                                      | 6.07        | 6.27         | 8.56   | 10.48   | 13.24   |
| Assemblers .....   | 11.73             | 2.6                                      | 6.25        | 7.90         | 10.25  | 14.53   | 20.36   |
| Hand cutting and trimming .....                                | 9.55              | 8.9                                      | 5.15        | 7.00         | 9.02   | 10.87   | 14.54   |
| Hand molding, casting, and forming .....                       | 12.13             | 9.9                                      | 7.32        | 10.30        | 11.16  | 14.43   | 16.35   |
| Hand painting, coating, and decorating .....                   | 10.19             | 5.8                                      | 6.25        | 8.33         | 9.40   | 11.96   | 14.87   |
| Hand engraving and printing .....                              | 8.91              | 3.5                                      | 7.24        | 7.87         | 9.23   | 9.97    | 10.63   |
| Miscellaneous hand working, n.e.c. ....                        | 9.99              | 3.5                                      | 6.65        | 7.62         | 8.92   | 11.31   | 14.45   |
| Production inspectors, checkers and examiners .....            | 11.12             | 2.6                                      | 7.01        | 8.36         | 10.00  | 12.82   | 17.36   |
| Production testers .....                                       | 11.75             | 3.4                                      | 7.00        | 9.19         | 11.04  | 13.63   | 16.90   |
| Production samplers and weighers .....                         | 13.64             | 4.5                                      | 9.05        | 12.55        | 14.35  | 14.35   | 15.81   |
| Graders and sorters, except agricultural .....                 | 9.21              | 6.4                                      | 7.25        | 7.47         | 9.26   | 10.93   | 12.00   |
| Hand inspectors, n.e.c. ....                                   | 9.27              | 7.5                                      | 6.50        | 7.00         | 8.80   | 10.25   | 12.60   |
| <b>Transportation and material moving</b> .....                | 14.12             | 1.2                                      | 8.00        | 10.05        | 13.36  | 17.02   | 21.15   |
| Supervisors, motor vehicle operators .....                     | 16.83             | 4.0                                      | 10.71       | 12.72        | 16.09  | 19.79   | 24.57   |
| Truck drivers .....  | 14.07             | 1.3                                      | 8.40        | 10.49        | 13.85  | 16.92   | 21.03   |
| Driver-sales workers .....                                     | 15.07             | 3.5                                      | 8.85        | 10.97        | 14.37  | 18.25   | 21.63   |
| Bus drivers .....  | 11.93             | 3.7                                      | 7.37        | 8.60         | 11.14  | 15.59   | 17.07   |
| Taxicab drivers and chauffeurs .....                           | 8.94              | 5.2                                      | 6.00        | 6.98         | 7.55   | 9.76    | 14.22   |
| Parking lot attendants .....                                   | 7.70              | 5.1                                      | 5.72        | 6.35         | 7.00   | 8.42    | 11.54   |
| Motor transportation, n.e.c. ....                              | 8.83              | 5.7                                      | 5.79        | 6.00         | 7.50   | 10.00   | 13.41   |
| Railroad conductors and yardmasters .....                      | 26.82             | 4.4                                      | 16.69       | 20.70        | 26.17  | 32.24   | 38.13   |
| Locomotive operating .....                                     | 30.26             | 8.1                                      | 13.56       | 18.22        | 31.59  | 39.01   | 46.19   |
| Railroad brake, signal and switch operators .....              | 23.65             | 10.9                                     | 14.35       | 14.35        | 21.75  | 29.99   | 37.39   |
| Rail vehicle operators, n.e.c. ....                            | 22.32             | 3.9                                      | 17.09       | 18.98        | 21.53  | 25.91   | 27.24   |
| Ship captains and mates, except fishing boats .....            | 16.14             | 3.9                                      | 9.00        | 14.17        | 14.88  | 19.26   | 22.29   |
| Sailors and deckhands .....                                    | 10.51             | 7.8                                      | 5.83        | 6.50         | 9.78   | 11.18   | 19.00   |
| Supervisors, material moving equipment .....                   | 19.16             | 6.0                                      | 13.20       | 14.98        | 19.00  | 23.22   | 24.04   |
| Operating engineers .....                                      | 21.57             | 4.4                                      | 15.30       | 18.90        | 23.27  | 25.84   | 25.84   |
| Hoist and winch operators .....                                | 12.94             | 5.5                                      | 8.50        | 11.66        | 12.64  | 12.90   | 17.00   |

See footnotes at end of table.

Supplementary table 2.2. **Private industry, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> full-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>   | Full-time workers |  |             |              |         |         |         |
|---|-------------------|--|-------------|--------------|---------|---------|---------|
|   | Hourly earnings   |  |             |              |         |         |         |
|   | Mean              | Relative error <sup>5</sup><br>(percent) | Percentiles |              |         |         |         |
| 10  |                   |  | 25          | Median<br>50 | 75      | 90      |         |
| <b>Blue collar –Continued</b>   |                   |  |             |              |         |         |         |
| <b>Transportation and material moving –Continued</b>                    |                   |  |             |              |         |         |         |
| Crane and tower operators .....   | \$15.55           | 3.4                                      | \$10.00     | \$12.50      | \$14.34 | \$18.45 | \$22.35 |
| Excavating and loading machine operators .....                          | 14.74             | 5.1                                      | 8.75        | 10.66        | 14.00   | 17.35   | 22.77   |
| Grader, dozer, and scraper operators .....                              | 14.69             | 9.1                                      | 8.82        | 10.00        | 12.39   | 20.85   | 22.49   |
| Industrial truck and tractor equipment operators .....                  | 12.13             | 1.9                                      | 8.00        | 9.65         | 11.62   | 13.91   | 17.39   |
| Miscellaneous material moving equipment operators,<br>n.e.c. ....       | 15.01             | 3.6                                      | 9.00        | 11.52        | 13.76   | 19.02   | 20.35   |
| <b>Handlers, equipment cleaners, helpers, and laborers .....</b>        |                   |  |             |              |         |         |         |
| Nursery workers .....   | 7.38              | 3.9                                      | 5.77        | 6.08         | 7.01    | 8.66    | 9.25    |
| Supervisors, agriculture-related workers .....                          | 19.19             | 10.0                                     | 5.65        | 13.50        | 18.47   | 22.93   | 36.30   |
| Groundskeepers and gardeners, except farm .....                         | 8.49              | 4.3                                      | 6.37        | 7.00         | 7.72    | 9.25    | 11.63   |
| Animal caretakers, except farm .....                                    | 10.05             | 11.6                                     | 5.42        | 6.63         | 8.85    | 11.97   | 16.59   |
| Inspectors, agricultural products .....                                 | 8.09              | 8.8                                      | 6.05        | 6.50         | 7.13    | 8.40    | 11.10   |
| Supervisors, handlers, equipment cleaners, and<br>laborers, n.e.c. .... | 14.41             | 2.8                                      | 9.75        | 11.17        | 13.55   | 16.97   | 19.96   |
| Helpers, mechanics and repairers .....                                  | 11.50             | 5.7                                      | 6.79        | 8.50         | 11.00   | 14.17   | 16.35   |
| Helpers, construction trades .....                                      | 10.42             | 4.1                                      | 7.00        | 8.00         | 9.30    | 12.00   | 16.40   |
| Construction laborers .....   | 11.49             | 3.4                                      | 6.69        | 7.50         | 9.67    | 15.00   | 18.86   |
| Production helpers .....  | 9.82              | 3.5                                      | 6.00        | 7.20         | 9.36    | 11.70   | 14.91   |
| Garbage collectors .....  | 9.25              | 9.1                                      | 6.37        | 8.11         | 8.40    | 9.48    | 15.00   |
| Stevedores .....  | 18.89             | 3.8                                      | 10.00       | 19.40        | 19.40   | 23.00   | 23.50   |
| Stock handlers and baggers .....  | 9.97              | 1.7                                      | 6.25        | 7.30         | 9.25    | 11.87   | 14.50   |
| Machine feeders and offbearers .....                                    | 9.39              | 2.6                                      | 6.11        | 7.19         | 8.94    | 11.00   | 13.28   |
| Freight, stock, and material handlers, n.e.c. ....                      | 10.70             | 2.4                                      | 6.00        | 7.25         | 9.39    | 13.52   | 17.37   |
| Garage and service station related .....                                | 8.35              | 5.9                                      | 5.65        | 6.25         | 7.87    | 9.80    | 11.00   |
| Vehicle washers and equipment cleaners .....                            | 8.96              | 3.5                                      | 5.60        | 6.50         | 7.75    | 10.40   | 14.30   |
| Hand packers and packagers .....  | 8.63              | 1.8                                      | 5.88        | 6.70         | 8.00    | 9.67    | 11.95   |
| Laborers, except construction, n.e.c. ....                              | 9.63              | 1.4                                      | 6.01        | 7.25         | 8.90    | 11.31   | 14.35   |
| <b>Service .....</b>  |                   |  |             |              |         |         |         |
| Protective service .....  | 8.37              | .7                                       | 5.15        | 6.07         | 7.50    | 9.38    | 12.50   |
| Supervisors, guards .....   | 8.95              | 1.8                                      | 5.75        | 6.72         | 8.15    | 9.75    | 13.11   |
| Guards and police, except public service .....                          | 13.59             | 5.4                                      | 7.93        | 9.06         | 11.85   | 17.14   | 20.36   |
| Protective service, n.e.c. ....   | 8.57              | 2.1                                      | 5.74        | 6.54         | 8.00    | 9.44    | 12.00   |
| Food service .....  | 10.55             | 13.0                                     | 5.53        | 6.00         | 9.02    | 11.30   | 20.86   |
| Supervisors, food preparation and service .....                         | 7.12              | 1.0                                      | 4.00        | 5.25         | 6.50    | 8.48    | 11.02   |
| Bartenders .....  | 11.83             | 1.7                                      | 7.50        | 8.92         | 11.25   | 13.83   | 16.88   |
| Waiters and waitresses .....  | 6.71              | 3.4                                      | 4.10        | 5.15         | 6.39    | 7.85    | 10.50   |
| Cooks .....   | 4.37              | 3.5                                      | 2.13        | 2.72         | 4.63    | 5.00    | 6.25    |
| Food counter, fountain, and related .....                               | 8.87              | 1.3                                      | 6.00        | 7.05         | 8.47    | 10.01   | 12.02   |
| Kitchen workers, food preparation .....                                 | 6.40              | 2.4                                      | 5.15        | 5.37         | 6.07    | 7.08    | 8.50    |
| Waiters/Waitresses' assistants .....                                    | 8.02              | 1.7                                      | 6.00        | 6.56         | 7.63    | 8.90    | 10.50   |
| Food preparation, n.e.c. ....   | 6.10              | 3.1                                      | 4.00        | 5.15         | 5.75    | 6.86    | 8.45    |
| Health service .....  | 6.87              | 2.1                                      | 5.50        | 6.07         | 6.50    | 7.26    | 8.65    |
| Dental assistants .....   | 8.44              | .8                                       | 6.05        | 6.91         | 7.98    | 9.44    | 11.53   |
| Health aides, except nursing .....                                      | 10.37             | 4.4                                      | 7.50        | 9.48         | 10.13   | 11.23   | 13.50   |
| Nursing aides, orderlies and attendants .....                           | 9.58              | 1.7                                      | 6.56        | 7.75         | 8.86    | 11.08   | 13.20   |
| Cleaning and building service .....                                     | 8.15              | .9                                       | 6.00        | 6.80         | 7.73    | 9.09    | 10.87   |
| Supervisors, cleaning and building service workers .....                | 8.72              | 1.3                                      | 5.66        | 6.49         | 8.00    | 9.97    | 13.31   |
| Maids and housemen .....  | 10.11             | 10.0                                     | 8.03        | 8.03         | 8.03    | 11.25   | 15.69   |
| Janitors and cleaners .....   | 7.57              | 2.2                                      | 5.49        | 6.00         | 6.86    | 8.23    | 11.18   |
| Pest control .....  | 8.87              | 1.6                                      | 5.70        | 6.56         | 8.00    | 10.14   | 13.58   |
|   | 12.73             | 9.3                                      | 7.83        | 10.38        | 12.52   | 15.28   | 17.57   |

See footnotes at end of table.

Supplementary table 2.2. **Private industry, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> full-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>                                | Full-time workers |  |             |              |        |         |         |
|--|-------------------|--|-------------|--------------|--------|---------|---------|
|  | Hourly earnings   |  |             |              |        |         |         |
|  | Mean              | Relative error <sup>5</sup><br>(percent) | Percentiles |              |        |         |         |
| 10   |                   |  | 25          | Median<br>50 | 75     | 90      |         |
| <b>Service—Continued</b>                               |                   |  |             |              |        |         |         |
| Personal service .....                                 | \$10.10           | 3.0                                      | \$4.38      | \$5.58       | \$7.48 | \$11.43 | \$18.61 |
| Attendants, amusement, and recreation facilities ..... | 6.26              | 4.3                                      | 5.10        | 5.34         | 5.89   | 6.28    | 8.00    |
| Guides .....   | 9.40              | 3.5                                      | 6.87        | 7.31         | 9.41   | 10.82   | 13.13   |
| Public transportation attendants .....                 | 27.13             | 5.6                                      | 10.51       | 17.01        | 22.87  | 36.46   | 48.61   |
| Baggage porters and bellhops .....                     | 7.04              | 7.0                                      | 3.42        | 5.14         | 5.75   | 7.16    | 14.11   |
| Welfare service aides .....                            | 8.04              | 4.7                                      | 5.25        | 6.53         | 7.76   | 8.88    | 11.14   |
| Early childhood teachers' assistants .....             | 7.48              | 2.9                                      | 5.33        | 6.00         | 7.15   | 8.41    | 9.89    |
| Child care workers, n.e.c. ....                        | 8.36              | 3.1                                      | 6.00        | 7.10         | 8.00   | 9.23    | 11.11   |
| Service, n.e.c. ....                                   | 6.97              | 14.1                                     | 4.38        | 4.38         | 6.25   | 8.34    | 11.06   |

<sup>1</sup> Earnings are the 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. The 10th, 25th, 50th, 75th, and 90th percentiles designate position in the earnings distribution. At the 50th percentile, the median, half of the workers receive the same as or more than the rate shown, and half receive the same as or less than the rate shown. At the 25th percentile, one-fourth earn the same as or less than the rate shown. At the 75th percentile, one-fourth earn the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic.

<sup>2</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>3</sup> This survey covers all 50 States. Collection was conducted between July 1997 and

April 1999. The average reference period was August 1998.

<sup>4</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see appendix B in *National Compensation Survey: Occupational Wages in the United States, 1998*, Bulletin 2529.

<sup>5</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A in *National Compensation Survey: Occupational Wages in the United States, 1998*, Bulletin 2529.

NOTE: Overall occupational groups may include data for categories not shown separately and n.e.c. means "not elsewhere classified." Individual and average wage rates were collected in this update survey. A procedure was put into place to "move" the positional statistics where averages were collected. This procedure compares current locality survey data—at the quote level—with the same quote from the prior survey. Individual rates from the prior survey are moved by the average change in mean wages for the occupation.

Supplementary table 2.3. **Private industry, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998**

| Occupation <sup>4</sup>  | Part-time workers |                                       |             |           |        |        |         |
|--|-------------------|---------------------------------------|-------------|-----------|--------|--------|---------|
|  | Hourly earnings   |                                       |             |           |        |        |         |
|  | Mean              | Relative error <sup>5</sup> (percent) | Percentiles |           |        |        |         |
| 10   |                   |                                       | 25          | Median 50 | 75     | 90     |         |
| <b>All</b> .....   | \$8.66            | 1.0                                   | \$5.15      | \$5.65    | \$6.80 | \$9.13 | \$15.00 |
| All excluding sales .....  | 9.03              | 1.2                                   | 5.15        | 5.65      | 7.00   | 9.69   | 16.45   |
| <b>White collar</b> .....  | 11.06             | 1.5                                   | 5.50        | 6.25      | 8.09   | 13.10  | 20.62   |
| White collar excluding sales .....                                       | 14.09             | 1.7                                   | 6.50        | 8.00      | 11.01  | 18.00  | 24.18   |
| <b>Professional specialty and technical</b> .....                        | 19.67             | 1.8                                   | 9.99        | 13.91     | 18.17  | 23.12  | 29.87   |
| Professional specialty .....   | 22.02             | 1.9                                   | 12.50       | 16.45     | 20.17  | 25.01  | 31.36   |
| Engineers, architects, and surveyors .....                               | 28.65             | 7.6                                   | 20.00       | 24.00     | 28.50  | 35.00  | 40.00   |
| Engineers, n.e.c. ....   | 32.46             | 5.6                                   | 25.48       | 28.93     | 33.00  | 35.00  | 36.66   |
| Mathematical and computer scientists .....                               | 43.33             | 28.9                                  | 15.00       | 21.04     | 26.83  | 66.38  | 81.70   |
| Computer systems analysts and scientists .....                           | 25.23             | 8.4                                   | 15.00       | 20.00     | 26.35  | 31.24  | 33.65   |
| Operations and systems researchers and analysts .....                    | 51.60             | 27.3                                  | 18.00       | 26.41     | 56.17  | 76.59  | 86.81   |
| Natural scientists .....   | 29.05             | 10.6                                  | 15.22       | 18.18     | 29.36  | 35.03  | 40.11   |
| Medical scientists .....   | 28.54             | 14.9                                  | 18.18       | 18.18     | 28.21  | 39.59  | 40.08   |
| <b>Health related</b> .....  | 22.83             | 1.5                                   | 15.39       | 17.84     | 20.90  | 25.23  | 30.69   |
| Physicians .....   | 57.73             | 4.7                                   | 45.00       | 46.83     | 56.11  | 64.10  | 70.81   |
| Registered nurses .....  | 21.35             | 1.3                                   | 15.40       | 17.68     | 20.45  | 24.00  | 28.96   |
| Pharmacists .....  | 27.06             | 2.9                                   | 23.63       | 23.83     | 27.06  | 30.00  | 32.88   |
| Dietitians .....   | 18.21             | 3.4                                   | 12.59       | 15.80     | 18.35  | 20.60  | 22.10   |
| Respiratory therapists .....   | 18.03             | 2.8                                   | 15.00       | 15.73     | 17.89  | 19.61  | 21.44   |
| Occupational therapists .....  | 25.10             | 5.9                                   | 15.48       | 21.15     | 24.33  | 29.47  | 30.00   |
| Physical therapists .....  | 29.73             | 4.4                                   | 18.90       | 25.00     | 30.00  | 35.00  | 40.00   |
| Speech therapists .....  | 25.02             | 5.1                                   | 19.23       | 22.15     | 22.32  | 28.16  | 34.34   |
| Therapists, n.e.c. ....  | 16.81             | 16.6                                  | 9.99        | 12.09     | 14.38  | 16.01  | 20.49   |
| Teachers, college and university .....                                   | 28.29             | 9.8                                   | 12.70       | 16.03     | 23.48  | 35.00  | 51.47   |
| Psychology teachers .....  | 19.87             | 13.9                                  | 10.36       | 11.38     | 22.96  | 23.62  | 27.93   |
| Engineering teachers .....   | 44.78             | 12.1                                  | 26.67       | 41.15     | 43.96  | 67.35  | 67.35   |
| Mathematical science teachers .....                                      | 23.03             | 9.7                                   | 13.54       | 16.38     | 26.34  | 26.67  | 30.00   |
| Computer science teachers .....  | 24.51             | 19.7                                  | 14.21       | 14.21     | 19.64  | 35.00  | 35.00   |
| Medical science teachers .....   | 56.33             | 15.0                                  | 29.83       | 33.44     | 52.95  | 70.99  | 100.33  |
| Health specialties teachers .....  | 19.51             | 3.9                                   | 16.64       | 16.64     | 20.00  | 22.18  | 23.49   |
| Business, commerce, and marketing teachers .....                         | 21.19             | 8.5                                   | 12.70       | 13.86     | 17.77  | 25.58  | 36.67   |
| Art, drama, and music teachers .....                                     | 27.27             | 8.8                                   | 15.00       | 21.00     | 25.25  | 35.00  | 38.11   |
| Education teachers .....   | 19.61             | 14.3                                  | 11.58       | 13.33     | 17.19  | 23.48  | 26.67   |
| English teachers .....   | 22.27             | 13.4                                  | 10.58       | 15.63     | 18.75  | 23.63  | 35.97   |
| Foreign language teachers .....  | 21.37             | 11.4                                  | 14.91       | 15.35     | 17.19  | 23.06  | 27.67   |
| Trade and industrial teachers .....                                      | 25.53             | 7.1                                   | 19.44       | 22.01     | 26.67  | 29.08  | 29.08   |
| Teachers, post secondary, subject not specified .....                    | 19.09             | 18.7                                  | 7.67        | 10.53     | 14.64  | 25.62  | 33.00   |
| Teachers, post secondary, n.e.c. ....                                    | 21.81             | 10.2                                  | 12.00       | 14.81     | 17.00  | 27.04  | 36.60   |
| Teachers, except college and university .....                            | 15.05             | 4.4                                   | 7.00        | 9.00      | 13.00  | 19.26  | 25.74   |
| Prekindergarten and kindergarten .....                                   | 8.73              | 9.4                                   | 6.10        | 6.50      | 8.00   | 9.21   | 12.58   |
| Elementary school teachers .....   | 19.50             | 6.3                                   | 12.00       | 15.00     | 18.72  | 25.00  | 30.00   |
| Secondary school teachers .....  | 21.27             | 4.7                                   | 11.00       | 15.50     | 22.54  | 25.74  | 31.48   |
| Teachers, special education .....  | 21.36             | 25.4                                  | 10.53       | 10.53     | 24.33  | 32.88  | 32.88   |
| Teachers, n.e.c. ....  | 15.73             | 6.2                                   | 7.40        | 9.63      | 13.84  | 20.53  | 26.07   |
| Substitute teachers .....  | 9.19              | 7.4                                   | 6.68        | 7.16      | 8.70   | 10.50  | 12.75   |
| Vocational and educational counselors .....                              | 15.81             | 9.2                                   | 10.75       | 13.07     | 14.13  | 15.00  | 25.48   |
| Librarians, archivists, and curators .....                               | 15.80             | 15.1                                  | 5.76        | 10.51     | 14.50  | 22.50  | 25.00   |
| Librarians .....   | 16.00             | 16.2                                  | 5.76        | 10.51     | 14.30  | 22.50  | 25.00   |
| Social scientists and urban planners .....                               | 20.60             | 9.9                                   | 12.85       | 14.40     | 16.20  | 25.57  | 35.00   |
| Psychologists .....  | 20.60             | 10.1                                  | 12.85       | 14.22     | 15.60  | 25.92  | 36.37   |
| Social, recreation, and religious workers .....                          | 15.12             | 4.8                                   | 8.70        | 11.25     | 15.00  | 18.00  | 23.84   |
| Social workers .....   | 15.68             | 4.7                                   | 9.50        | 11.95     | 15.00  | 18.00  | 25.37   |
| Recreation workers .....   | 8.47              | 23.2                                  | 3.44        | 4.38      | 7.27   | 10.74  | 17.70   |
| Clergy .....   | 15.38             | 10.4                                  | 8.80        | 15.00     | 16.00  | 18.42  | 18.44   |
| Religious workers, n.e.c. ....   | 17.24             | 22.5                                  | 10.00       | 10.00     | 16.08  | 23.96  | 28.51   |
| Lawyers and judges .....   | ±                 | ±                                     | ±           | ±         | ±      | ±      | ±       |
| Writers, authors, entertainers, athletes, and professionals, n.e.c. .... | 15.44             | 9.7                                   | 6.21        | 8.00      | 11.00  | 18.75  | 26.88   |
| Technical writers .....  | 17.32             | 14.0                                  | 13.32       | 13.32     | 14.20  | 23.61  | 23.61   |
| Designers .....  | 13.03             | 15.1                                  | 8.37        | 8.57      | 11.50  | 17.09  | 19.00   |
| Musicians and composers .....  | 36.33             | 30.2                                  | 11.37       | 13.65     | 28.48  | 56.09  | 56.09   |
| Actors and directors .....   | 13.08             | 31.1                                  | 5.44        | 6.10      | 6.43   | 17.38  | 37.40   |

See footnotes at end of table.

Supplementary table 2.3. **Private industry, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>   | Part-time workers |  |             |              |         |         |         |
|---|-------------------|--|-------------|--------------|---------|---------|---------|
|   | Hourly earnings   |  |             |              |         |         |         |
|   | Mean              | Relative error <sup>5</sup><br>(percent) | Percentiles |              |         |         |         |
| 10  |                   |  | 25          | Median<br>50 | 75      | 90      |         |
| <b>White collar –Continued</b>  |                   |  |             |              |         |         |         |
| <b>Professional specialty and technical –Continued</b>                            |                   |  |             |              |         |         |         |
| Professional specialty –Continued   |                   |  |             |              |         |         |         |
| Writers, authors, entertainers, athletes, and professionals,<br>n.e.c. –Continued |                   |  |             |              |         |         |         |
| Editors and reporters .....   | \$14.74           | 14.3                                     | \$8.00      | \$8.83       | \$12.00 | \$18.75 | \$26.41 |
| Public relations specialists .....  | 21.25             | 11.9                                     | 15.38       | 17.43        | 19.55   | 20.20   | 36.78   |
| Announcers .....  | 16.04             | 26.2                                     | 9.00        | 9.00         | 11.00   | 15.00   | 34.67   |
| Athletes .....  | 12.09             | 12.4                                     | 5.75        | 6.59         | 10.00   | 15.00   | 22.00   |
| Professional, n.e.c. ....   | 18.42             | 13.2                                     | 11.45       | 12.51        | 15.09   | 24.04   | 26.25   |
| Technical .....   | 13.83             | 1.7                                      | 8.46        | 10.50        | 13.30   | 16.30   | 19.66   |
| Clinical laboratory technologists and technicians .....                           | 15.07             | 3.5                                      | 9.00        | 10.87        | 14.77   | 18.43   | 21.93   |
| Health record technologists and technicians .....                                 | 11.57             | 6.8                                      | 9.50        | 9.82         | 10.33   | 13.58   | 15.21   |
| Radiological technicians .....  | 17.06             | 3.0                                      | 11.94       | 13.94        | 16.72   | 18.62   | 22.51   |
| Licensed practical nurses .....   | 13.28             | 1.9                                      | 9.45        | 10.99        | 13.14   | 15.00   | 17.96   |
| Health technologists and technicians, n.e.c. ....                                 | 12.02             | 2.8                                      | 8.00        | 9.13         | 11.01   | 14.50   | 16.97   |
| Electrical and electronic technicians .....                                       | 20.72             | 20.7                                     | 8.58        | 9.00         | 23.07   | 26.44   | 38.58   |
| Engineering technicians, n.e.c. ....  | 16.16             | 9.5                                      | 12.97       | 13.80        | 14.00   | 20.01   | 21.83   |
| Drafters .....  | 11.19             | 17.3                                     | 6.25        | 7.00         | 10.50   | 14.42   | 17.54   |
| Broadcast equipment operators .....   | 7.56              | 6.7                                      | 6.00        | 6.36         | 6.95    | 7.30    | 10.44   |
| Computer programmers .....  | 17.21             | 18.2                                     | 7.26        | 11.55        | 15.00   | 21.18   | 33.95   |
| Technical and related, n.e.c. ....  | 14.51             | 6.9                                      | 8.76        | 9.73         | 14.16   | 17.65   | 21.00   |
| <b>Executive, administrative, and managerial</b>                                  |                   |  |             |              |         |         |         |
| Executives, administrators, and managers .....                                    | 20.61             | 7.6                                      | 10.97       | 13.95        | 16.65   | 21.10   | 39.62   |
| Financial managers .....  | 23.32             | 11.8                                     | 10.12       | 13.95        | 17.75   | 24.37   | 50.00   |
| Administrators, education and related fields .....                                | 25.96             | 21.2                                     | 16.13       | 16.13        | 20.00   | 39.62   | 50.00   |
| Managers, medicine and health .....   | 14.00             | 8.6                                      | 10.00       | 10.77        | 13.29   | 15.00   | 21.03   |
| Managers, food servicing and lodging establishments ..                            | 31.63             | 15.2                                     | 17.30       | 19.36        | 24.16   | 42.13   | 63.46   |
| Managers, service organizations, n.e.c. ....                                      | 11.92             | 10.7                                     | 9.00        | 10.00        | 11.25   | 14.78   | 15.38   |
| Managers and administrators, n.e.c. ....  | 28.40             | 32.1                                     | 12.03       | 15.30        | 17.75   | 52.00   | 52.00   |
| Management related .....  | 21.16             | 27.7                                     | 7.15        | 8.57         | 19.52   | 39.29   | 39.29   |
| Accountants and auditors .....  | 17.76             | 5.3                                      | 11.60       | 14.00        | 16.43   | 19.23   | 25.00   |
| Other financial officers .....  | 20.43             | 4.7                                      | 16.47       | 17.51        | 18.79   | 23.33   | 26.18   |
| Personnel, training, and labor relations specialists .....                        | 18.48             | 6.6                                      | 15.15       | 15.15        | 19.23   | 22.79   | 24.19   |
| Management related, n.e.c. ....   | 16.50             | 10.5                                     | 12.49       | 12.49        | 15.90   | 18.50   | 28.91   |
| Sales .....   | 17.90             | 10.7                                     | 11.60       | 13.00        | 15.22   | 19.40   | 27.24   |
| Supervisors, sales .....  | 7.09              | .9                                       | 5.25        | 5.65         | 6.33    | 7.61    | 9.70    |
| Advertising and related sales .....   | 8.61              | 5.6                                      | 6.44        | 6.55         | 7.50    | 10.25   | 12.30   |
| Sales, other business services .....  | 8.72              | 8.0                                      | 5.73        | 6.40         | 7.73    | 9.48    | 15.00   |
| Sales representatives, mining, manufacturing, and<br>wholesale .....              | 8.92              | 8.3                                      | 5.75        | 6.50         | 8.00    | 9.00    | 10.88   |
| Sales workers, apparel .....  | 9.06              | 23.3                                     | 5.50        | 5.50         | 6.75    | 8.20    | 16.54   |
| Sales workers, shoes .....  | 7.37              | 4.8                                      | 5.40        | 5.80         | 6.60    | 7.78    | 9.60    |
| Sales workers, furniture and home furnishings .....                               | 7.39              | 4.1                                      | 5.27        | 5.90         | 6.75    | 8.00    | 10.30   |
| Sales workers, radio, tv, hi-fi, and appliances .....                             | 7.00              | 7.6                                      | 5.26        | 5.65         | 6.40    | 7.95    | 9.43    |
| Sales workers, hardware and building supplies .....                               | 7.47              | 4.6                                      | 5.50        | 6.00         | 6.38    | 7.93    | 10.65   |
| Sales workers, parts .....  | 8.25              | 2.5                                      | 6.14        | 7.00         | 8.00    | 9.05    | 10.35   |
| Sales workers, other commodities .....  | 7.66              | 5.0                                      | 5.79        | 6.28         | 7.08    | 8.26    | 10.04   |
| Sales counter clerks .....  | 7.26              | 1.0                                      | 5.35        | 5.75         | 6.50    | 8.00    | 10.15   |
| Cashiers .....  | 6.78              | 3.2                                      | 5.25        | 5.59         | 6.16    | 7.35    | 9.00    |
| Street and door-to-door sales workers .....                                       | 6.73              | 1.1                                      | 5.20        | 5.50         | 6.00    | 7.00    | 8.95    |
| News vendors .....  | 8.04              | 10.8                                     | 5.75        | 5.75         | 7.17    | 10.00   | 10.77   |
| Demonstrators, promoters, and models, sales .....                                 | 6.71              | 3.9                                      | 5.15        | 5.15         | 6.57    | 7.00    | 8.29    |
| Sales support, n.e.c. ....  | 7.34              | 3.5                                      | 5.88        | 6.25         | 6.74    | 8.00    | 9.00    |
| Administrative support, including clerical .....                                  | 8.45              | 4.8                                      | 5.60        | 6.35         | 7.50    | 9.15    | 11.18   |
| Supervisors, general office .....   | 9.04              | 1.4                                      | 6.00        | 7.00         | 8.36    | 10.12   | 12.69   |
| Computer operators .....  | 16.22             | 9.2                                      | 10.00       | 11.25        | 17.56   | 18.89   | 21.73   |
| Secretaries .....   | 9.69              | 15.5                                     | 5.30        | 5.30         | 9.81    | 13.00   | 15.00   |
| Stenographers .....   | 11.40             | 3.1                                      | 7.38        | 8.76         | 10.91   | 13.48   | 15.26   |
|   | 11.24             | 6.3                                      | 9.19        | 9.19         | 10.24   | 12.19   | 14.50   |

See footnotes at end of table.

Supplementary table 2.3. **Private industry, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>   | Part-time workers |  |             |              |        |         |         |
|---|-------------------|--|-------------|--------------|--------|---------|---------|
|   | Hourly earnings   |  |             |              |        |         |         |
|   | Mean              | Relative error <sup>5</sup><br>(percent) | Percentiles |              |        |         |         |
| 10  |                   |  | 25          | Median<br>50 | 75     | 90      |         |
| <b>White collar –Continued</b>  |                   |  |             |              |        |         |         |
| <b>Administrative support, including clerical –Continued</b>            |                   |  |             |              |        |         |         |
| Typists .....   | \$10.11           | 3.4                                      | \$8.56      | \$8.79       | \$9.76 | \$10.25 | \$13.52 |
| Interviewers .....  | 8.67              | 3.9                                      | 6.50        | 6.75         | 8.01   | 10.39   | 12.54   |
| Hotel clerks .....  | 6.99              | 2.8                                      | 5.75        | 6.27         | 7.00   | 7.27    | 8.21    |
| Transportation ticket and reservation agents .....                      | 10.38             | 10.9                                     | 5.56        | 6.90         | 9.38   | 12.72   | 17.88   |
| Receptionists .....   | 8.09              | 2.2                                      | 5.81        | 6.55         | 7.51   | 9.12    | 10.50   |
| Information clerks, n.e.c. ....   | 11.81             | 18.4                                     | 7.00        | 8.13         | 9.36   | 11.65   | 26.06   |
| Correspondence clerks .....   | 10.14             | 12.5                                     | 6.00        | 6.75         | 9.68   | 12.17   | 16.21   |
| Order clerks .....  | 8.42              | 3.0                                      | 6.10        | 6.50         | 8.00   | 9.50    | 11.00   |
| Personnel clerks, except payroll and timekeeping .....                  | 10.29             | 5.8                                      | 7.50        | 8.00         | 9.10   | 11.90   | 13.40   |
| Library clerks .....  | 9.36              | 6.5                                      | 5.40        | 7.50         | 10.00  | 11.00   | 12.07   |
| File clerks .....   | 8.18              | 4.5                                      | 5.75        | 7.00         | 7.66   | 8.67    | 9.76    |
| Records clerks, n.e.c. ....   | 9.17              | 3.4                                      | 6.25        | 7.72         | 9.00   | 10.14   | 12.10   |
| Bookkeepers, accounting and auditing clerks .....                       | 8.83              | 4.4                                      | 6.00        | 6.98         | 8.50   | 10.00   | 11.76   |
| Payroll and timekeeping clerks .....                                    | 8.55              | 10.1                                     | 6.15        | 6.25         | 7.30   | 10.00   | 14.74   |
| Billing clerks .....  | 9.61              | 3.8                                      | 7.50        | 8.95         | 9.60   | 9.66    | 11.44   |
| Billing, posting, and calculating machine operators .....               | 8.32              | 3.9                                      | 7.00        | 7.44         | 7.81   | 8.64    | 11.00   |
| Duplicating machine operators .....                                     | 8.21              | 2.4                                      | 6.50        | 7.22         | 8.00   | 8.84    | 10.00   |
| Mail preparing and paper handling machine operators .....               | 7.63              | 6.5                                      | 6.50        | 6.50         | 6.99   | 7.59    | 11.14   |
| Office machine operators, n.e.c. ....                                   | 7.75              | 3.6                                      | 5.57        | 7.10         | 7.76   | 9.10    | 9.87    |
| Telephone operators .....   | 8.31              | 3.1                                      | 6.00        | 6.64         | 8.05   | 9.41    | 10.95   |
| Mail clerks, except postal service .....                                | 7.50              | 3.7                                      | 6.00        | 6.65         | 7.62   | 8.66    | 9.00    |
| Messengers .....  | 8.08              | 6.1                                      | 6.00        | 6.85         | 8.00   | 10.00   | 10.00   |
| Dispatchers .....   | 8.99              | 12.6                                     | 7.08        | 7.08         | 7.58   | 9.50    | 12.65   |
| Production coordinators .....   | 7.90              | 8.6                                      | 6.41        | 6.58         | 6.97   | 9.78    | 9.78    |
| Stock and inventory clerks .....  | 7.92              | 3.0                                      | 6.20        | 6.50         | 7.59   | 8.50    | 10.47   |
| Expeditors .....  | 11.76             | 7.8                                      | 6.94        | 11.50        | 12.00  | 13.10   | 14.50   |
| Material recording, scheduling, and distribution clerks,<br>n.e.c. .... | 7.50              | 5.1                                      | 5.50        | 5.84         | 6.73   | 9.00    | 10.47   |
| Insurance adjusters, examiners, and investigators .....                 | 10.44             | 5.3                                      | 8.17        | 10.00        | 10.58  | 10.88   | 12.90   |
| Investigators and adjusters, except insurance .....                     | 10.11             | 4.7                                      | 6.50        | 7.00         | 9.47   | 12.23   | 14.82   |
| Eligibility clerks, social welfare .....                                | 11.09             | 4.3                                      | 8.75        | 9.87         | 10.76  | 12.36   | 12.60   |
| Bill and account collectors .....                                       | 8.73              | 4.3                                      | 6.28        | 7.25         | 8.71   | 9.97    | 11.31   |
| General office clerks .....   | 8.51              | 2.1                                      | 5.80        | 6.90         | 8.00   | 9.50    | 11.62   |
| Bank tellers .....  | 8.43              | 1.6                                      | 6.70        | 7.28         | 8.17   | 9.13    | 10.40   |
| Data entry keyers .....   | 8.49              | 3.1                                      | 6.45        | 7.00         | 8.00   | 9.42    | 11.00   |
| Statistical clerks .....  | 9.48              | 5.5                                      | 6.42        | 7.88         | 9.33   | 11.33   | 13.33   |
| Teachers' aides .....   | 7.52              | 4.5                                      | 6.00        | 6.50         | 7.65   | 8.52    | 8.85    |
| Administrative support, n.e.c. ....                                     | 8.93              | 3.4                                      | 5.66        | 6.25         | 8.12   | 10.86   | 13.77   |
| <b>Blue collar</b> .....  | 7.71              | 1.4                                      | 5.22        | 5.61         | 6.60   | 8.66    | 11.57   |
| <b>Precision production, craft, and repair</b> .....                    | 11.84             | 10.1                                     | 5.65        | 6.50         | 9.00   | 14.61   | 22.63   |
| Electronic repairers, communications and industrial<br>equipment .....  | 11.76             | 21.0                                     | 7.80        | 8.08         | 8.50   | 10.03   | 25.63   |
| Mechanics and repairers, n.e.c. ....                                    | 10.52             | 11.4                                     | 8.40        | 8.76         | 8.76   | 10.44   | 16.75   |
| Carpenters .....  | 12.57             | 13.4                                     | 7.50        | 7.75         | 10.05  | 12.00   | 24.50   |
| Electrical and electronic equipment assemblers .....                    | 6.97              | 6.7                                      | 5.65        | 6.07         | 6.40   | 7.94    | 8.78    |
| Bakers .....  | 8.26              | 9.5                                      | 5.65        | 6.25         | 7.00   | 9.64    | 13.86   |
| <b>Machine operators, assemblers, and inspectors</b> .....              | 7.43              | 2.0                                      | 5.33        | 5.88         | 6.89   | 8.25    | 10.00   |
| Molding and casting machine operators .....                             | 6.65              | 8.9                                      | 5.15        | 5.15         | 6.50   | 7.25    | 9.08    |
| Printing press operators .....  | 9.87              | 24.4                                     | 5.25        | 5.25         | 7.25   | 17.73   | 18.34   |
| Typesetters and compositors .....                                       | 12.19             | 9.1                                      | 8.75        | 10.50        | 10.50  | 15.50   | 15.50   |
| Textile sewing machine operators .....                                  | 6.72              | 7.6                                      | 5.15        | 5.21         | 6.79   | 7.62    | 9.20    |
| Laundry and dry cleaning machine operators .....                        | 6.77              | 3.7                                      | 5.15        | 5.72         | 6.56   | 7.24    | 8.35    |
| Packaging and filling machine operators .....                           | 9.67              | 5.8                                      | 6.00        | 7.38         | 8.95   | 10.15   | 14.49   |
| Photographic process machine operators .....                            | 7.51              | 7.3                                      | 5.75        | 6.00         | 6.40   | 8.75    | 11.38   |
| Miscellaneous machine operators, n.e.c. ....                            | 7.60              | 8.0                                      | 5.40        | 5.60         | 7.00   | 9.00    | 10.12   |
| Assemblers .....  | 6.79              | 2.1                                      | 5.50        | 6.00         | 6.50   | 7.45    | 8.38    |
| Miscellaneous hand working, n.e.c. ....                                 | 5.70              | 3.4                                      | 5.11        | 5.11         | 5.33   | 6.50    | 7.00    |

See footnotes at end of table.

Supplementary table 2.3. **Private industry, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998—Continued**

| Occupation <sup>4</sup>  | Part-time workers |                                       |             |           |        |        |         |
|--|-------------------|---------------------------------------|-------------|-----------|--------|--------|---------|
|  | Hourly earnings   |                                       |             |           |        |        |         |
|  | Mean              | Relative error <sup>5</sup> (percent) | Percentiles |           |        |        |         |
| 10   |                   |                                       | 25          | Median 50 | 75     | 90     |         |
| <b>Blue collar—Continued</b>                                     |                   |                                       |             |           |        |        |         |
| <b>Machine operators, assemblers, and inspectors—Continued</b>   |                   |                                       |             |           |        |        |         |
| Production inspectors, checkers and examiners .....              | \$8.54            | 7.4                                   | \$6.33      | \$7.41    | \$8.36 | \$9.00 | \$12.87 |
| <b>Transportation and material moving .....</b>                  | 9.18              | 3.0                                   | 5.33        | 6.34      | 8.32   | 11.36  | 13.72   |
| Truck drivers .....  | 11.21             | 4.4                                   | 6.08        | 7.87      | 11.80  | 13.70  | 15.96   |
| Driver-sales workers .....                                       | 6.58              | 8.9                                   | 4.75        | 5.15      | 5.79   | 7.56   | 8.25    |
| Bus drivers .....  | 10.42             | 4.1                                   | 7.48        | 8.32      | 9.96   | 11.75  | 13.72   |
| Taxicab drivers and chauffeurs .....                             | 6.62              | 3.4                                   | 5.33        | 6.00      | 6.34   | 6.89   | 7.97    |
| Parking lot attendants .....                                     | 6.22              | 4.6                                   | 5.00        | 5.25      | 6.00   | 7.00   | 7.72    |
| Motor transportation, n.e.c. ....                                | 6.24              | 2.1                                   | 5.15        | 5.50      | 6.00   | 6.50   | 7.19    |
| Industrial truck and tractor equipment operators .....           | 10.17             | 8.2                                   | 6.74        | 7.63      | 8.00   | 12.14  | 18.46   |
| Miscellaneous material moving equipment operators, n.e.c. ....   | 10.15             | 1.8                                   | 8.69        | 8.69      | 9.34   | 11.12  | 12.11   |
| <b>Handlers, equipment cleaners, helpers, and laborers .....</b> | 7.10              | 1.0                                   | 5.18        | 5.50      | 6.25   | 7.75   | 10.15   |
| Groundskeepers and gardeners, except farm .....                  | 7.39              | 4.8                                   | 5.55        | 6.07      | 7.00   | 8.13   | 11.00   |
| Helpers, mechanics and repairers .....                           | 7.49              | 8.3                                   | 6.00        | 6.00      | 6.50   | 8.00   | 12.20   |
| Helpers, construction trades .....                               | 8.14              | 16.3                                  | 5.32        | 5.61      | 7.50   | 8.50   | 17.15   |
| Construction laborers .....                                      | 7.04              | 8.6                                   | 5.19        | 5.40      | 6.18   | 7.00   | 8.05    |
| Production helpers .....   | 6.69              | 3.8                                   | 5.25        | 5.50      | 6.00   | 7.76   | 8.47    |
| Stock handlers and baggers .....                                 | 6.49              | 1.2                                   | 5.18        | 5.44      | 5.99   | 6.85   | 8.50    |
| Machine feeders and offbearers .....                             | 8.48              | 10.2                                  | 5.29        | 6.17      | 8.16   | 9.30   | 10.30   |
| Freight, stock, and material handlers, n.e.c. ....               | 9.37              | 2.1                                   | 6.24        | 7.42      | 8.93   | 10.69  | 12.85   |
| Garage and service station related .....                         | 6.05              | 4.2                                   | 5.25        | 5.35      | 5.65   | 6.15   | 7.25    |
| Vehicle washers and equipment cleaners .....                     | 6.95              | 5.2                                   | 5.15        | 5.30      | 6.25   | 7.20   | 10.92   |
| Hand packers and packagers .....                                 | 6.96              | 1.8                                   | 5.25        | 5.75      | 6.52   | 7.35   | 9.58    |
| Laborers, except construction, n.e.c. ....                       | 6.88              | 3.5                                   | 5.15        | 5.36      | 6.50   | 7.56   | 9.13    |
| <b>Service .....</b>   | 6.34              | .7                                    | 3.50        | 5.19      | 6.00   | 7.28   | 8.78    |
| Protective service .....   | 7.71              | 1.6                                   | 5.60        | 6.25      | 7.10   | 8.08   | 10.22   |
| Guards and police, except public service .....                   | 7.75              | 1.7                                   | 5.61        | 6.38      | 7.23   | 8.14   | 10.22   |
| Protective service, n.e.c. ....                                  | 6.55              | 2.2                                   | 5.25        | 5.75      | 6.19   | 7.00   | 8.05    |
| Food service .....   | 5.46              | .8                                    | 2.35        | 5.11      | 5.50   | 6.47   | 7.51    |
| Supervisors, food preparation and service .....                  | 7.40              | 3.4                                   | 5.40        | 6.25      | 7.10   | 7.78   | 9.38    |
| Bartenders .....   | 5.76              | 3.1                                   | 3.50        | 5.15      | 6.00   | 6.50   | 7.50    |
| Waiters and waitresses .....                                     | 3.83              | 2.6                                   | 2.13        | 2.16      | 2.90   | 5.15   | 6.35    |
| Cooks .....  | 7.21              | 1.9                                   | 5.25        | 5.86      | 7.00   | 8.00   | 9.35    |
| Food counter, fountain, and related .....                        | 5.82              | 1.3                                   | 5.15        | 5.28      | 5.55   | 6.11   | 6.90    |
| Kitchen workers, food preparation .....                          | 6.68              | 1.3                                   | 5.25        | 5.60      | 6.26   | 7.14   | 8.64    |
| Waiters/Waitresses' assistants .....                             | 5.01              | 2.4                                   | 2.65        | 3.66      | 5.20   | 5.76   | 6.50    |
| Food preparation, n.e.c. ....                                    | 5.95              | .8                                    | 5.15        | 5.25      | 5.75   | 6.50   | 7.35    |
| Health service .....   | 8.08              | 1.1                                   | 5.85        | 6.61      | 7.82   | 9.01   | 10.86   |
| Health aides, except nursing .....                               | 8.25              | 2.8                                   | 5.72        | 6.00      | 7.80   | 9.43   | 11.78   |
| Nursing aides, orderlies and attendants .....                    | 8.04              | 1.3                                   | 5.98        | 6.75      | 7.81   | 9.00   | 10.50   |
| Cleaning and building service .....                              | 6.69              | 1.1                                   | 5.15        | 5.50      | 6.23   | 7.40   | 8.64    |
| Supervisors, cleaning and building service workers .....         | 7.68              | 5.1                                   | 6.00        | 7.00      | 7.50   | 8.80   | 9.85    |
| Maids and housemen .....   | 6.96              | 2.3                                   | 5.30        | 6.00      | 6.53   | 7.69   | 8.62    |
| Janitors and cleaners .....                                      | 6.60              | 1.1                                   | 5.15        | 5.47      | 6.05   | 7.27   | 8.65    |
| Personal service .....   | 6.71              | 4.2                                   | 5.00        | 5.15      | 5.88   | 7.05   | 8.89    |
| Supervisors, personal service .....                              | 8.63              | 9.5                                   | 6.25        | 6.80      | 7.83   | 8.68   | 13.66   |
| Hairdressers and cosmetologists .....                            | 8.27              | 5.5                                   | 5.19        | 6.18      | 8.11   | 9.93   | 11.21   |
| Attendants, amusement, and recreation facilities .....           | 5.51              | 5.0                                   | 5.00        | 5.00      | 5.00   | 5.67   | 6.66    |
| Guides .....   | 7.78              | 9.0                                   | 5.50        | 6.00      | 6.00   | 9.38   | 12.19   |
| Ushers .....   | 6.21              | 4.0                                   | 5.15        | 5.40      | 5.77   | 6.45   | 8.01    |
| Public transportation attendants .....                           | 16.49             | 22.0                                  | 6.57        | 6.57      | 9.21   | 22.13  | 40.17   |
| Baggage porters and bellhops .....                               | 8.03              | 7.2                                   | 5.15        | 5.25      | 6.00   | 8.25   | 17.82   |
| Welfare service aides .....                                      | 6.20              | 5.7                                   | 5.15        | 5.15      | 5.16   | 6.75   | 8.54    |
| Early childhood teachers' assistants .....                       | 6.50              | 2.6                                   | 5.34        | 5.54      | 6.02   | 6.83   | 8.11    |
| Child care workers, n.e.c. ....                                  | 7.10              | 2.1                                   | 5.40        | 6.15      | 7.00   | 7.80   | 8.94    |

See footnotes at end of table.

Supplementary table 2.3. **Private industry, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>  | Part-time workers |                                       |             |           |        |        |         |
|--|-------------------|---------------------------------------|-------------|-----------|--------|--------|---------|
|  | Hourly earnings   |                                       |             |           |        |        |         |
|  | Mean              | Relative error <sup>5</sup> (percent) | Percentiles |           |        |        |         |
| 10   |                   |                                       | 25          | Median 50 | 75     | 90     |         |
| <b>Service</b> –Continued<br>Personal service –Continued<br>Service, n.e.c. .... | \$7.56            | 6.0                                   | \$5.15      | \$5.75    | \$6.48 | \$7.52 | \$10.51 |

<sup>1</sup> Earnings are the 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. The 10th, 25th, 50th, 75th, and 90th percentiles designate position in the earnings distribution. At the 50th percentile, the median, half of the workers receive the same as or more than the rate shown, and half receive the same as or less than the rate shown. At the 25th percentile, one-fourth earn the same as or less than the rate shown. At the 75th percentile, one-fourth earn the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic.

<sup>2</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>3</sup> This survey covers all 50 States. Collection was conducted between July 1997 and

April 1999. The average reference period was August 1998.

<sup>4</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see appendix B in *National Compensation Survey: Occupational Wages in the United States, 1998*, Bulletin 2529.

<sup>5</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A in *National Compensation Survey: Occupational Wages in the United States, 1998*, Bulletin 2529.

NOTE: Overall occupational groups may include data for categories not shown separately and n.e.c. means "not elsewhere classified." Individual and average wage rates were collected in this update survey. A procedure was put into place to "move" the positional statistics where averages were collected. This procedure compares current locality survey data—at the quote level—with the same quote from the prior survey. Individual rates from the prior survey are moved by the average change in mean wages for the occupation.



Supplementary table 3.1. **State and local government, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> all workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998**

| Occupation <sup>4</sup>                                 | All workers     |                                       |             |           |         |         |         |
|---|-----------------|---------------------------------------|-------------|-----------|---------|---------|---------|
|   | Hourly earnings |                                       |             |           |         |         |         |
|   | Mean            | Relative error <sup>5</sup> (percent) | Percentiles |           |         |         |         |
| 10  |                 |                                       | 25          | Median 50 | 75      | 90      |         |
| <b>All</b> .....  | \$18.59         | 0.6                                   | \$8.65      | \$11.29   | \$16.13 | \$23.42 | \$31.81 |
| All excluding sales .....                               | 18.61           | .6                                    | 8.66        | 11.31     | 16.16   | 23.45   | 31.86   |
| <b>White collar</b> .....                               | 20.96           | .5                                    | 9.59        | 12.77     | 18.65   | 26.67   | 35.52   |
| White collar excluding sales .....                      | 21.00           | .5                                    | 9.62        | 12.79     | 18.71   | 26.73   | 35.58   |
| <b>Professional specialty and technical</b> .....       | 24.85           | .6                                    | 13.21       | 17.50     | 23.05   | 30.15   | 38.57   |
| Professional specialty .....                            | 26.03           | .6                                    | 14.75       | 18.81     | 24.23   | 31.23   | 39.74   |
| Engineers, architects, and surveyors .....              | 25.43           | 1.7                                   | 18.60       | 21.47     | 24.40   | 28.59   | 32.44   |
| Architects .....  | 26.05           | 4.0                                   | 20.88       | 24.40     | 26.22   | 28.24   | 30.75   |
| Civil engineers .....                                   | 26.36           | 2.5                                   | 19.66       | 21.79     | 26.31   | 29.61   | 32.94   |
| Electrical and electronic engineers .....               | 26.81           | 4.4                                   | 22.73       | 23.14     | 25.04   | 30.50   | 32.05   |
| Industrial engineers .....                              | 19.64           | 3.4                                   | 16.30       | 17.25     | 19.52   | 24.12   | 24.34   |
| Mechanical engineers .....                              | 25.24           | 8.2                                   | 20.52       | 21.18     | 23.27   | 26.47   | 33.37   |
| Engineers, n.e.c. ....                                  | 23.96           | 4.9                                   | 14.75       | 20.18     | 22.88   | 29.15   | 31.61   |
| Surveyors and mapping scientists .....                  | 19.39           | 6.4                                   | 15.94       | 18.51     | 18.60   | 20.02   | 25.21   |
| Mathematical and computer scientists .....              | 21.52           | 2.8                                   | 15.08       | 17.39     | 21.21   | 24.91   | 28.37   |
| Computer systems analysts and scientists .....          | 21.64           | 2.9                                   | 15.28       | 17.46     | 21.35   | 25.00   | 28.25   |
| Operations and systems researchers and analysts .....   | 19.98           | 19.0                                  | 13.36       | 13.36     | 17.67   | 19.03   | 39.79   |
| Natural scientists .....                                | 20.70           | 2.6                                   | 13.21       | 15.66     | 20.30   | 24.96   | 28.85   |
| Chemists, except biochemists .....                      | 23.83           | 4.9                                   | 16.83       | 23.88     | 24.96   | 25.90   | 28.43   |
| Geologists and geodesists .....                         | 24.03           | 17.3                                  | 14.63       | 16.18     | 25.48   | 34.63   | 34.63   |
| Physical scientists, n.e.c. ....                        | 20.92           | 4.1                                   | 15.01       | 17.07     | 20.30   | 23.22   | 25.04   |
| Agricultural and food scientists .....                  | 21.33           | 12.9                                  | 13.55       | 15.56     | 19.97   | 23.86   | 32.71   |
| Biological and life scientists .....                    | 18.33           | 6.6                                   | 12.98       | 14.92     | 17.46   | 20.66   | 24.92   |
| Forestry and conservation scientists .....              | 20.03           | 8.7                                   | 12.64       | 15.41     | 19.32   | 22.79   | 27.66   |
| Medical scientists .....                                | 21.39           | 6.6                                   | 10.98       | 14.70     | 23.58   | 26.28   | 28.87   |
| Health related .....                                    | 21.99           | 1.7                                   | 14.23       | 16.77     | 20.00   | 24.24   | 31.12   |
| Physicians .....  | 28.22           | 11.0                                  | 11.47       | 14.27     | 18.12   | 46.53   | 52.89   |
| Registered nurses .....                                 | 20.95           | 1.4                                   | 14.92       | 17.12     | 20.03   | 23.52   | 28.36   |
| Pharmacists .....                                       | 25.16           | 6.7                                   | 20.00       | 20.00     | 23.63   | 28.74   | 33.71   |
| Dietitians .....  | 16.42           | 3.7                                   | 12.46       | 13.82     | 16.54   | 17.52   | 20.27   |
| Respiratory therapists .....                            | 17.19           | 3.3                                   | 15.20       | 15.20     | 16.22   | 19.32   | 20.33   |
| Occupational therapists .....                           | 22.97           | 4.9                                   | 15.09       | 18.79     | 21.76   | 25.38   | 30.15   |
| Physical therapists .....                               | 24.04           | 6.3                                   | 20.00       | 20.00     | 20.61   | 27.54   | 30.33   |
| Speech therapists .....                                 | 23.69           | 11.2                                  | 10.09       | 18.09     | 22.95   | 29.11   | 35.67   |
| Therapists, n.e.c. ....                                 | 17.22           | 7.2                                   | 11.76       | 13.13     | 15.06   | 20.34   | 24.55   |
| Teachers, college and university .....                  | 32.87           | 1.7                                   | 18.21       | 24.13     | 29.80   | 39.34   | 51.11   |
| Earth, environmental, and marine science teachers ..... | 34.84           | 15.3                                  | 20.39       | 22.65     | 26.86   | 45.40   | 66.36   |
| Biological science teachers .....                       | 32.73           | 10.8                                  | 20.63       | 25.51     | 28.94   | 37.36   | 51.12   |
| Chemistry teachers .....                                | 29.18           | 4.0                                   | 24.81       | 26.89     | 27.16   | 32.69   | 36.20   |
| Physics teachers .....                                  | 43.51           | 12.1                                  | 32.94       | 38.36     | 38.36   | 44.78   | 67.65   |
| Natural science teachers, n.e.c. ....                   | 39.73           | 7.7                                   | 22.48       | 30.28     | 37.46   | 52.33   | 52.33   |
| Psychology teachers .....                               | 29.74           | 7.1                                   | 19.18       | 24.16     | 25.39   | 28.36   | 54.23   |
| History teachers .....                                  | 33.34           | 8.0                                   | 18.97       | 25.05     | 31.25   | 40.31   | 46.56   |
| Political science teachers .....                        | 32.20           | 7.8                                   | 22.83       | 26.38     | 28.58   | 36.95   | 45.75   |
| Sociology teachers .....                                | 36.83           | 9.2                                   | 26.00       | 29.00     | 38.51   | 41.54   | 48.23   |
| Social science teachers, n.e.c. ....                    | 32.15           | 8.9                                   | 21.88       | 29.02     | 29.02   | 33.34   | 50.53   |
| Engineering teachers .....                              | 38.92           | 15.6                                  | 20.19       | 27.42     | 32.25   | 45.01   | 65.39   |
| Mathematical science teachers .....                     | 32.52           | 7.9                                   | 14.34       | 22.84     | 33.13   | 41.54   | 47.68   |
| Computer science teachers .....                         | 25.13           | 13.0                                  | 20.00       | 20.00     | 20.00   | 28.89   | 40.26   |
| Medical science teachers .....                          | 43.27           | 9.5                                   | 22.03       | 27.42     | 32.60   | 50.61   | 74.75   |
| Health specialties teachers .....                       | 35.14           | 10.2                                  | 21.13       | 24.52     | 30.12   | 42.80   | 67.71   |
| Business, commerce, and marketing teachers .....        | 33.16           | 6.0                                   | 25.26       | 28.16     | 31.54   | 34.08   | 46.43   |
| Agriculture and forestry teachers .....                 | 42.82           | 26.4                                  | 15.74       | 19.88     | 35.80   | 63.84   | 73.90   |
| Art, drama, and music teachers .....                    | 29.20           | 4.1                                   | 18.53       | 20.55     | 28.96   | 35.12   | 42.07   |
| Physical education teachers .....                       | 25.00           | 14.8                                  | 7.27        | 12.70     | 27.02   | 34.97   | 43.00   |
| Education teachers .....                                | 32.35           | 7.6                                   | 19.82       | 24.50     | 29.50   | 39.99   | 43.20   |
| English teachers .....                                  | 32.99           | 4.8                                   | 20.65       | 25.78     | 29.29   | 44.54   | 49.27   |
| Foreign language teachers .....                         | 23.27           | 18.4                                  | 12.82       | 14.73     | 16.67   | 28.27   | 42.53   |
| Theology teachers .....                                 | 36.25           | 3.8                                   | 25.77       | 31.36     | 34.38   | 39.28   | 45.96   |
| Trade and industrial teachers .....                     | 28.19           | 2.3                                   | 21.72       | 23.81     | 28.50   | 30.89   | 35.71   |
| Teachers, post secondary, subject not specified .....   | 33.50           | 9.0                                   | 16.82       | 21.41     | 29.03   | 41.06   | 54.92   |
| Teachers, post secondary, n.e.c. ....                   | 30.50           | 1.5                                   | 16.13       | 21.88     | 28.80   | 37.42   | 46.95   |

See footnotes at end of table.

Supplementary table 3.1. **State and local government, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> all workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998**—Continued

| Occupation <sup>4</sup>   | All workers     |  |             |              |         |         |         |
|---|-----------------|--|-------------|--------------|---------|---------|---------|
|   | Hourly earnings |  |             |              |         |         |         |
|   | Mean            | Relative error <sup>5</sup><br>(percent) | Percentiles |              |         |         |         |
| 10  |                 |  | 25          | Median<br>50 | 75      | 90      |         |
| <b>White collar</b> —Continued  |                 |  |             |              |         |         |         |
| <b>Professional specialty and technical</b> —Continued                      |                 |  |             |              |         |         |         |
| Professional specialty—Continued  |                 |  |             |              |         |         |         |
| Teachers, except college and university .....                               | \$27.68         | 0.8                                      | \$17.19     | \$20.74      | \$26.20 | \$33.30 | \$40.77 |
| Prekindergarten and kindergarten .....                                      | 26.35           | 2.7                                      | 16.23       | 20.33        | 24.90   | 30.61   | 37.90   |
| Elementary school teachers .....  | 28.01           | 1.0                                      | 17.99       | 21.35        | 26.26   | 33.16   | 40.55   |
| Secondary school teachers .....   | 28.12           | 1.3                                      | 18.19       | 21.24        | 26.47   | 32.98   | 40.35   |
| Teachers, special education .....   | 28.96           | 1.9                                      | 18.24       | 21.76        | 27.41   | 34.95   | 41.34   |
| Teachers, n.e.c. ....   | 28.22           | 2.7                                      | 15.99       | 20.00        | 26.54   | 35.41   | 43.50   |
| Substitute teachers .....   | 10.02           | 3.6                                      | 6.67        | 7.50         | 9.40    | 10.83   | 15.52   |
| Vocational and educational counselors .....                                 | 27.34           | 3.9                                      | 14.60       | 19.66        | 27.09   | 34.13   | 41.12   |
| Librarians, archivists, and curators .....                                  | 21.56           | 2.9                                      | 12.13       | 15.40        | 19.92   | 26.07   | 32.47   |
| Librarians .....  | 21.95           | 3.0                                      | 12.25       | 15.42        | 20.88   | 27.01   | 32.89   |
| Archivists and curators .....   | 16.77           | 5.6                                      | 12.04       | 12.75        | 16.78   | 18.61   | 22.38   |
| Social scientists and urban planners .....                                  | 24.27           | 4.7                                      | 14.35       | 17.47        | 22.82   | 28.71   | 37.72   |
| Economists .....  | 20.77           | 7.2                                      | 15.58       | 17.47        | 23.86   | 23.86   | 23.86   |
| Psychologists .....   | 27.38           | 5.4                                      | 16.41       | 21.17        | 25.69   | 31.16   | 43.34   |
| Social scientists, n.e.c. ....  | 13.51           | 11.0                                     | 9.50        | 11.00        | 12.27   | 13.53   | 20.58   |
| Urban planners .....  | 22.33           | 3.4                                      | 15.74       | 18.34        | 21.96   | 25.89   | 29.52   |
| Social, recreation, and religious workers .....                             | 16.73           | 1.6                                      | 11.17       | 12.66        | 15.76   | 19.54   | 24.29   |
| Social workers .....  | 16.88           | 1.7                                      | 11.31       | 12.69        | 15.80   | 19.65   | 24.49   |
| Recreation workers .....  | 14.34           | 4.9                                      | 8.39        | 10.55        | 15.04   | 18.34   | 19.24   |
| Lawyers and judges .....  | 31.00           | 3.3                                      | 17.84       | 22.77        | 29.92   | 36.99   | 47.81   |
| Lawyers .....   | 29.55           | 3.0                                      | 17.48       | 21.95        | 28.53   | 36.99   | 41.91   |
| Judges .....  | 42.07           | 7.1                                      | 20.19       | 37.31        | 46.20   | 48.65   | 51.73   |
| Writers, authors, entertainers, athletes, and professionals,<br>n.e.c. .... | 21.56           | 4.7                                      | 12.46       | 15.44        | 20.06   | 25.78   | 33.20   |
| Designers .....   | 15.97           | 8.7                                      | 10.46       | 12.13        | 16.05   | 20.88   | 20.88   |
| Musicians and composers .....   | 14.89           | 9.0                                      | 10.82       | 10.82        | 13.94   | 17.55   | 17.55   |
| Painters, sculptors, craft artists, and artist printmakers .....            | 18.17           | 11.0                                     | 12.22       | 12.58        | 19.52   | 21.58   | 22.13   |
| Artists, performers, and related workers, n.e.c. ....                       | 15.41           | 2.7                                      | 13.16       | 14.05        | 15.00   | 16.23   | 16.93   |
| Editors and reporters .....   | 18.90           | 5.2                                      | 12.26       | 16.86        | 18.91   | 21.71   | 22.97   |
| Public relations specialists .....  | 19.16           | 4.9                                      | 11.99       | 14.26        | 19.17   | 22.12   | 28.07   |
| Athletes .....  | 25.25           | 17.8                                     | 9.55        | 15.50        | 28.04   | 32.64   | 37.04   |
| Professional, n.e.c. ....   | 23.78           | 6.5                                      | 13.46       | 16.79        | 22.86   | 27.74   | 35.12   |
| Technical .....   | 15.02           | 1.2                                      | 9.37        | 11.49        | 14.44   | 18.00   | 21.51   |
| Clinical laboratory technologists and technicians .....                     | 15.02           | 5.4                                      | 9.37        | 11.49        | 14.59   | 18.08   | 21.55   |
| Health record technologists and technicians .....                           | 13.00           | 7.7                                      | 8.18        | 9.31         | 11.74   | 16.37   | 18.65   |
| Radiological technicians .....  | 16.38           | 7.2                                      | 11.94       | 13.06        | 15.00   | 17.84   | 26.21   |
| Licensed practical nurses .....   | 12.77           | 2.0                                      | 9.15        | 10.53        | 12.62   | 14.68   | 16.47   |
| Health technologists and technicians, n.e.c. ....                           | 13.57           | 2.3                                      | 8.22        | 10.38        | 13.14   | 15.76   | 19.26   |
| Electrical and electronic technicians .....                                 | 14.75           | 14.6                                     | 8.89        | 8.89         | 13.76   | 18.77   | 24.32   |
| Engineering technicians, n.e.c. ....  | 16.82           | 3.4                                      | 11.02       | 13.57        | 16.87   | 20.00   | 21.84   |
| Drafters .....  | 18.32           | 4.6                                      | 11.37       | 16.18        | 19.69   | 20.44   | 23.70   |
| Surveying and mapping technicians .....                                     | 16.08           | 6.2                                      | 9.80        | 11.59        | 15.36   | 20.71   | 22.00   |
| Biological technicians .....  | 12.60           | 4.3                                      | 9.02        | 9.92         | 11.57   | 15.25   | 16.59   |
| Chemical technicians .....  | 19.37           | 5.0                                      | 14.42       | 16.67        | 19.56   | 23.79   | 23.79   |
| Science technicians, n.e.c. ....  | 15.57           | 4.3                                      | 11.30       | 13.33        | 14.61   | 17.98   | 20.31   |
| Broadcast equipment operators .....   | 17.04           | 8.8                                      | 8.40        | 14.10        | 18.91   | 18.91   | 24.50   |
| Computer programmers .....  | 19.51           | 4.0                                      | 13.82       | 16.47        | 18.19   | 23.19   | 26.44   |
| Legal assistants .....  | 15.40           | 5.2                                      | 11.03       | 12.60        | 14.52   | 17.64   | 19.37   |
| Technical and related, n.e.c. ....  | 16.12           | 4.5                                      | 10.09       | 12.21        | 16.12   | 19.41   | 22.52   |
| <b>Executive, administrative, and managerial</b> .....                      | 24.99           | 1.1                                      | 13.97       | 17.55        | 23.03   | 30.02   | 38.59   |
| Executives, administrators, and managers .....                              | 29.05           | 1.2                                      | 16.55       | 21.01        | 27.70   | 35.40   | 43.03   |
| Legislators .....   | 15.09           | 13.3                                     | 3.46        | 4.38         | 8.00    | 23.08   | 28.22   |
| Chief executives and general administrators, public<br>administration ..... | 38.28           | 5.1                                      | 26.44       | 35.65        | 38.85   | 45.25   | 47.81   |
| Administrators and officials, public administration .....                   | 25.83           | 1.7                                      | 15.71       | 20.00        | 24.93   | 29.30   | 37.48   |
| Financial managers .....  | 33.58           | 3.6                                      | 20.50       | 25.91        | 30.81   | 42.15   | 51.96   |
| Personnel and labor relations managers .....                                | 30.72           | 5.7                                      | 16.82       | 20.26        | 30.61   | 39.70   | 43.47   |
| Purchasing managers .....   | 25.28           | 11.3                                     | 16.37       | 16.38        | 29.92   | 30.82   | 33.05   |

See footnotes at end of table.

Supplementary table 3.1. **State and local government, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> all workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998**—Continued

| Occupation <sup>4</sup>   | All workers     |                                       |             |           |         |         |         |
|---|-----------------|---------------------------------------|-------------|-----------|---------|---------|---------|
|   | Hourly earnings |                                       |             |           |         |         |         |
|   | Mean            | Relative error <sup>5</sup> (percent) | Percentiles |           |         |         |         |
| 10  |                 |                                       | 25          | Median 50 | 75      | 90      |         |
| <b>White collar</b> —Continued                                    |                 |                                       |             |           |         |         |         |
| <b>Executive, administrative, and managerial</b> —Continued       |                 |                                       |             |           |         |         |         |
| Executives, administrators, and managers—Continued                |                 |                                       |             |           |         |         |         |
| Managers, marketing, advertising, and public relations            | \$22.56         | 11.1                                  | \$17.31     | \$17.31   | \$19.07 | \$24.38 | \$32.54 |
| Administrators, education and related fields .....                | 33.81           | 1.8                                   | 20.90       | 27.01     | 32.92   | 38.97   | 46.56   |
| Managers, medicine and health .....                               | 27.24           | 7.8                                   | 14.36       | 19.72     | 25.02   | 30.84   | 42.36   |
| Managers, food servicing and lodging establishments ..            | 17.25           | 6.9                                   | 11.89       | 13.17     | 15.55   | 20.95   | 22.23   |
| Managers, properties and real estate .....                        | 22.17           | 6.0                                   | 16.07       | 19.18     | 20.47   | 26.16   | 28.24   |
| Managers, service organizations, n.e.c. ....                      | 20.54           | 4.3                                   | 11.63       | 14.84     | 20.02   | 26.24   | 29.37   |
| Managers and administrators, n.e.c. ....                          | 28.24           | 4.5                                   | 17.07       | 19.90     | 26.97   | 34.58   | 41.25   |
| Management related .....  | 19.21           | 1.5                                   | 12.41       | 15.14     | 18.38   | 22.83   | 26.73   |
| Accountants and auditors .....                                    | 18.37           | 3.6                                   | 11.18       | 15.28     | 18.18   | 21.51   | 25.08   |
| Other financial officers .....                                    | 22.30           | 6.7                                   | 15.44       | 17.92     | 22.96   | 26.03   | 27.45   |
| Management analysts .....   | 20.27           | 2.9                                   | 14.50       | 15.71     | 18.58   | 23.99   | 28.29   |
| Personnel, training, and labor relations specialists .....        | 18.72           | 2.8                                   | 11.99       | 14.95     | 17.99   | 21.49   | 26.73   |
| Buyers, wholesale and retail trade, except farm products .....    | 22.29           | 7.1                                   | 17.41       | 17.41     | 21.48   | 26.30   | 26.30   |
| Purchasing agents and buyers, n.e.c. ....                         | 15.38           | 3.3                                   | 9.48        | 13.49     | 14.61   | 17.96   | 20.87   |
| Construction inspectors .....                                     | 19.81           | 4.0                                   | 13.00       | 15.48     | 19.27   | 23.60   | 27.06   |
| Inspectors and compliance officers, except construction .....     | 17.78           | 4.2                                   | 11.92       | 13.67     | 17.94   | 20.34   | 24.51   |
| Management related, n.e.c. ....                                   | 20.81           | 2.6                                   | 13.20       | 16.32     | 19.79   | 24.99   | 29.17   |
| <b>Sales</b> .....  | 12.10           | 4.8                                   | 6.47        | 7.90      | 11.30   | 14.71   | 19.35   |
| Supervisors, sales .....  | 16.52           | 11.6                                  | 10.19       | 11.40     | 14.07   | 21.28   | 25.98   |
| Real estate sales .....   | 18.69           | 11.5                                  | 11.83       | 13.60     | 17.90   | 24.72   | 25.93   |
| Sales workers, other commodities .....                            | 9.05            | 9.5                                   | 5.25        | 7.06      | 7.90    | 11.47   | 13.66   |
| Cashiers .....  | 10.53           | 5.9                                   | 6.23        | 7.73      | 9.16    | 13.24   | 17.60   |
| <b>Administrative support, including clerical</b> .....           | 12.01           | .7                                    | 7.75        | 9.33      | 11.50   | 14.16   | 16.82   |
| Supervisors, general office .....                                 | 16.01           | 1.8                                   | 11.89       | 13.51     | 15.95   | 17.77   | 20.99   |
| Supervisors, computer equipment operators .....                   | 22.36           | 3.9                                   | 17.28       | 21.82     | 22.82   | 23.85   | 26.79   |
| Supervisors, financial records processing .....                   | 16.67           | 4.8                                   | 12.37       | 14.25     | 16.06   | 17.99   | 21.87   |
| Chief communications operators .....                              | 15.30           | 7.8                                   | 10.27       | 12.24     | 14.33   | 17.11   | 22.53   |
| Supervisors, distribution, scheduling, and adjusting clerks ..... | 17.00           | 9.9                                   | 10.27       | 14.53     | 16.37   | 19.73   | 22.31   |
| Computer operators .....  | 12.96           | 3.9                                   | 9.77        | 10.51     | 12.10   | 14.47   | 19.10   |
| Secretaries .....   | 12.66           | 1.2                                   | 8.68        | 10.14     | 12.15   | 14.80   | 17.37   |
| Stenographers .....   | 16.30           | 4.6                                   | 9.58        | 11.95     | 14.97   | 18.41   | 25.83   |
| Typists .....   | 11.66           | 1.7                                   | 8.75        | 10.01     | 11.50   | 13.13   | 14.65   |
| Interviewers .....  | 10.40           | 4.4                                   | 6.34        | 8.38      | 10.71   | 11.87   | 13.96   |
| Receptionists .....   | 9.60            | 4.3                                   | 7.05        | 7.71      | 8.97    | 10.89   | 13.90   |
| Information clerks, n.e.c. ....                                   | 12.14           | 4.7                                   | 7.00        | 10.13     | 11.55   | 15.15   | 16.32   |
| Order clerks .....  | 15.57           | 5.6                                   | 11.93       | 11.93     | 14.59   | 19.47   | 21.36   |
| Personnel clerks, except payroll and timekeeping .....            | 13.18           | 5.2                                   | 8.56        | 10.16     | 13.28   | 15.62   | 17.73   |
| Library clerks .....  | 10.20           | 2.3                                   | 6.80        | 7.96      | 10.08   | 12.10   | 13.81   |
| File clerks .....   | 9.95            | 5.8                                   | 7.00        | 7.85      | 9.65    | 11.99   | 13.90   |
| Records clerks, n.e.c. ....                                       | 11.30           | 2.9                                   | 7.60        | 9.17      | 11.21   | 13.08   | 15.01   |
| Bookkeepers, accounting and auditing clerks .....                 | 12.50           | 1.7                                   | 8.66        | 10.05     | 12.14   | 14.62   | 16.96   |
| Payroll and timekeeping clerks .....                              | 13.67           | 4.1                                   | 10.70       | 11.60     | 12.09   | 15.37   | 17.70   |
| Billing clerks .....  | 11.43           | 6.6                                   | 6.74        | 8.32      | 10.78   | 14.01   | 15.24   |
| Duplicating machine operators .....                               | 9.01            | 6.8                                   | 7.32        | 7.46      | 8.29    | 9.17    | 14.39   |
| Telephone operators .....   | 10.54           | 6.9                                   | 6.85        | 8.11      | 10.17   | 12.53   | 16.09   |
| Communications equipment operators, n.e.c. ....                   | 11.45           | 3.2                                   | 9.26        | 10.54     | 11.58   | 11.58   | 13.59   |
| Mail clerks, except postal service .....                          | 8.36            | 9.8                                   | 6.69        | 6.69      | 7.65    | 8.64    | 13.69   |
| Messengers .....  | 9.76            | 9.3                                   | 5.94        | 8.15      | 9.43    | 12.78   | 13.34   |
| Dispatchers .....   | 13.27           | 4.6                                   | 8.04        | 9.67      | 12.12   | 15.77   | 20.24   |
| Production coordinators .....                                     | 16.84           | 9.4                                   | 10.47       | 12.25     | 15.19   | 23.69   | 23.69   |
| Traffic, shipping and receiving clerks .....                      | 13.37           | 3.5                                   | 8.43        | 12.82     | 14.32   | 16.12   | 16.12   |
| Stock and inventory clerks .....                                  | 11.62           | 3.7                                   | 7.35        | 8.50      | 10.97   | 13.73   | 16.53   |
| Meter readers .....   | 13.45           | 5.0                                   | 8.65        | 11.04     | 11.96   | 16.12   | 18.42   |

See footnotes at end of table.

Supplementary table 3.1. **State and local government, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> all workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998**—Continued

| Occupation <sup>4</sup>  | All workers     |                                       |             |           |         |         |         |
|--|-----------------|---------------------------------------|-------------|-----------|---------|---------|---------|
|  | Hourly earnings |                                       |             |           |         |         |         |
|  | Mean            | Relative error <sup>5</sup> (percent) | Percentiles |           |         |         |         |
| 10   |                 |                                       | 25          | Median 50 | 75      | 90      |         |
| <b>White collar</b> —Continued                                       |                 |                                       |             |           |         |         |         |
| <b>Administrative support, including clerical</b> —Continued         |                 |                                       |             |           |         |         |         |
| Material recording, scheduling, and distribution clerks, n.e.c. .... | \$14.06         | 6.3                                   | \$11.06     | \$11.06   | \$14.01 | \$16.92 | \$17.98 |
| Insurance adjusters, examiners, and investigators .....              | 14.32           | 6.4                                   | 10.31       | 11.75     | 13.80   | 15.96   | 18.95   |
| Investigators and adjusters, except insurance .....                  | 14.89           | 5.1                                   | 9.63        | 12.33     | 14.98   | 17.45   | 19.99   |
| Eligibility clerks, social welfare .....                             | 13.61           | 2.1                                   | 10.11       | 11.87     | 13.39   | 14.54   | 17.26   |
| Bill and account collectors .....                                    | 12.96           | 4.1                                   | 10.25       | 10.61     | 12.99   | 14.16   | 15.99   |
| General office clerks .....  | 11.46           | 1.3                                   | 7.85        | 9.21      | 11.19   | 13.35   | 15.33   |
| Data entry keyers .....  | 11.20           | 3.3                                   | 7.68        | 9.64      | 11.45   | 13.26   | 13.47   |
| Statistical clerks .....   | 10.34           | 4.0                                   | 8.59        | 9.13      | 10.01   | 11.03   | 13.16   |
| Teachers' aides .....  | 9.60            | 1.8                                   | 6.69        | 7.57      | 8.95    | 10.95   | 13.74   |
| Administrative support, n.e.c. ....                                  | 12.50           | 1.7                                   | 8.58        | 9.82      | 11.94   | 14.62   | 17.47   |
| <b>Blue collar</b> .....   | 14.44           | 1.1                                   | 8.41        | 10.61     | 13.74   | 17.44   | 21.11   |
| <b>Precision production, craft, and repair</b> .....                 |                 |                                       |             |           |         |         |         |
| Supervisors, mechanics and repairers .....                           | 16.39           | 1.5                                   | 10.16       | 12.53     | 15.83   | 19.65   | 23.71   |
| Automobile mechanics .....   | 19.75           | 3.7                                   | 13.04       | 15.75     | 19.41   | 22.74   | 26.38   |
| Bus, truck, and stationary engine mechanics .....                    | 17.62           | 8.1                                   | 11.09       | 12.73     | 17.36   | 22.82   | 24.50   |
| Small engine repairs .....   | 16.50           | 4.0                                   | 10.67       | 14.30     | 16.72   | 19.69   | 20.58   |
| Heavy equipment mechanics .....                                      | 12.42           | 6.8                                   | 10.18       | 11.13     | 11.64   | 15.44   | 15.44   |
| Industrial machinery repairers .....                                 | 16.36           | 5.4                                   | 10.07       | 12.72     | 17.60   | 19.28   | 20.78   |
| Machinery maintenance .....  | 17.88           | 6.5                                   | 11.50       | 13.48     | 17.91   | 20.85   | 25.13   |
| Electronic repairers, communications and industrial equipment .....  | 14.66           | 8.2                                   | 9.08        | 12.04     | 14.79   | 16.00   | 19.32   |
| Data processing equipment repairers .....                            | 17.53           | 5.2                                   | 11.23       | 13.45     | 17.34   | 21.68   | 22.14   |
| Heating, air conditioning, and refrigeration mechanics ..            | 15.78           | 4.2                                   | 12.79       | 13.98     | 16.35   | 17.44   | 17.44   |
| Mechanical controls and valve repairers .....                        | 14.97           | 3.4                                   | 10.39       | 12.19     | 15.32   | 17.10   | 18.93   |
| Mechanics and repairers, n.e.c. ....                                 | 17.35           | 4.5                                   | 12.70       | 13.98     | 17.16   | 19.86   | 24.63   |
| Supervisors, electricians and power transmission installers .....    | 14.26           | 2.6                                   | 9.30        | 10.83     | 13.66   | 16.66   | 20.41   |
| Supervisors, plumbers, pipefitters, and steamfitters .....           | 23.39           | 13.0                                  | 15.00       | 15.00     | 22.30   | 26.93   | 36.86   |
| Supervisors, construction trades, n.e.c. ....                        | 22.44           | 12.2                                  | 12.56       | 13.76     | 25.02   | 28.52   | 28.52   |
| Carpenters .....   | 16.76           | 6.3                                   | 10.10       | 12.31     | 15.43   | 19.94   | 26.14   |
| Electricians .....   | 17.35           | 5.7                                   | 10.52       | 12.19     | 16.75   | 21.52   | 26.91   |
| Electrician apprentices .....  | 17.60           | 3.7                                   | 12.01       | 13.92     | 16.08   | 20.44   | 27.00   |
| Electrical power installers and repairers .....                      | 17.81           | 4.7                                   | 17.22       | 17.22     | 17.22   | 17.60   | 23.57   |
| Painters, construction and maintenance .....                         | 19.92           | 2.8                                   | 12.89       | 16.69     | 20.81   | 24.12   | 25.57   |
| Plumbers, pipefitters and steamfitters .....                         | 16.50           | 5.7                                   | 11.07       | 12.86     | 17.30   | 19.79   | 20.51   |
| Plumber, pipefitter, and steamfitter apprentices .....               | 16.98           | 4.7                                   | 11.73       | 13.68     | 17.03   | 19.44   | 23.38   |
| Concrete and terrazzo finishers .....                                | 15.80           | 4.7                                   | 12.15       | 13.97     | 16.59   | 17.14   | 17.99   |
| Paving, surfacing, and tamping equipment operators ...               | 15.55           | 10.5                                  | 10.50       | 12.47     | 14.30   | 19.95   | 21.33   |
| Construction trades, n.e.c. ....                                     | 12.87           | 1.7                                   | 11.20       | 11.72     | 13.12   | 13.83   | 14.34   |
| Supervisors, production .....  | 13.00           | 3.9                                   | 8.27        | 10.24     | 12.56   | 15.39   | 18.48   |
| Machinists .....   | 17.99           | 10.3                                  | 11.96       | 12.27     | 14.23   | 23.56   | 26.83   |
| Inspectors, testers, and graders .....                               | 20.08           | 7.1                                   | 17.41       | 17.41     | 19.92   | 24.48   | 24.48   |
| Water and sewer treatment plant operators .....                      | 18.23           | 4.5                                   | 15.41       | 16.66     | 18.23   | 20.91   | 20.91   |
| Power plant operators .....  | 15.68           | 3.1                                   | 10.02       | 12.79     | 15.65   | 18.68   | 21.35   |
| Stationary engineers .....   | 21.40           | 4.5                                   | 13.49       | 17.15     | 20.87   | 26.07   | 29.47   |
| Miscellaneous plant and system operators, n.e.c. ....                | 18.89           | 6.6                                   | 12.14       | 16.09     | 18.51   | 23.71   | 26.99   |
| <b>Machine operators, assemblers, and inspectors</b> .....           | 14.38           | 5.2                                   | 11.75       | 13.63     | 15.14   | 15.14   | 16.30   |
| Printing press operators .....                                       | 13.50           | 6.6                                   | 7.04        | 8.85      | 12.28   | 17.33   | 21.11   |
| Laundry and dry cleaning machine operators .....                     | 11.94           | 4.3                                   | 10.14       | 10.44     | 11.28   | 13.30   | 13.93   |
| Furnace, kiln, and oven operators, except food .....                 | 8.67            | 6.2                                   | 5.89        | 7.04      | 8.41    | 10.61   | 11.08   |
| Miscellaneous machine operators, n.e.c. ....                         | 15.67           | 3.6                                   | 14.14       | 14.55     | 15.00   | 16.90   | 18.65   |
| Welders and cutters .....  | 14.71           | 12.5                                  | 8.19        | 8.56      | 13.30   | 17.46   | 24.66   |
| <b>Transportation and material moving</b> .....                      | 18.88           | 7.5                                   | 10.52       | 15.63     | 20.32   | 21.11   | 21.11   |
| Supervisors, motor vehicle operators .....                           | 13.52           | 1.7                                   | 8.64        | 10.29     | 12.89   | 16.23   | 19.38   |
| Truck drivers .....  | 16.11           | 12.5                                  | 10.10       | 10.10     | 13.96   | 20.66   | 24.68   |
|  | 13.55           | 3.8                                   | 8.36        | 10.23     | 13.09   | 16.70   | 20.60   |

See footnotes at end of table.

Supplementary table 3.1. **State and local government, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> all workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998**—Continued

| Occupation <sup>4</sup>  | All workers     |                                       |             |           |         |         |         |
|--|-----------------|---------------------------------------|-------------|-----------|---------|---------|---------|
|  | Hourly earnings |                                       |             |           |         |         |         |
|  | Mean            | Relative error <sup>5</sup> (percent) | Percentiles |           |         |         |         |
| 10   |                 |                                       | 25          | Median 50 | 75      | 90      |         |
| <b>Blue collar</b> —Continued  |                 |                                       |             |           |         |         |         |
| <b>Transportation and material moving</b> —Continued                 |                 |                                       |             |           |         |         |         |
| Bus drivers .....  | \$13.44         | 1.7                                   | \$8.70      | \$10.68   | \$13.16 | \$16.07 | \$19.19 |
| Taxicab drivers and chauffeurs .....                                 | 9.55            | 19.8                                  | 5.35        | 6.56      | 8.21    | 11.90   | 16.13   |
| Motor transportation, n.e.c. ....                                    | 14.13           | 5.4                                   | 9.69        | 11.96     | 13.59   | 15.68   | 19.90   |
| Locomotive operating .....   | 19.46           | 3.3                                   | 17.39       | 18.25     | 20.47   | 20.80   | 20.80   |
| Ship captains and mates, except fishing boats .....                  | 21.56           | 10.2                                  | 13.17       | 16.68     | 21.87   | 25.83   | 33.74   |
| Bridge, lock and lighthouse tenders .....                            | 11.16           | 2.1                                   | 10.75       | 10.75     | 11.52   | 11.52   | 11.63   |
| Supervisors, material moving equipment .....                         | 14.40           | 10.4                                  | 8.00        | 10.10     | 16.47   | 17.31   | 19.65   |
| Operating engineers .....  | 13.42           | 7.8                                   | 9.42        | 9.92      | 12.93   | 15.16   | 20.80   |
| Excavating and loading machine operators .....                       | 12.68           | 8.9                                   | 8.11        | 9.28      | 11.51   | 16.16   | 20.74   |
| Grader, dozer, and scraper operators .....                           | 12.63           | 8.5                                   | 8.01        | 9.63      | 11.21   | 14.24   | 22.02   |
| Industrial truck and tractor equipment operators .....               | 11.00           | 3.7                                   | 7.54        | 9.22      | 11.39   | 12.72   | 13.15   |
| Miscellaneous material moving equipment operators, n.e.c. ....       | 12.99           | 3.8                                   | 8.65        | 10.25     | 11.88   | 16.47   | 17.86   |
| <b>Handlers, equipment cleaners, helpers, and laborers</b> .....     | 11.84           | 2.0                                   | 6.88        | 8.33      | 11.35   | 14.77   | 18.14   |
| Supervisors, agriculture-related workers .....                       | 16.57           | 4.1                                   | 11.40       | 13.42     | 17.72   | 19.49   | 20.73   |
| Groundskeepers and gardeners, except farm .....                      | 11.29           | 2.9                                   | 6.83        | 8.04      | 10.66   | 13.95   | 17.06   |
| Animal caretakers, except farm .....                                 | 10.68           | 11.0                                  | 6.61        | 7.07      | 10.23   | 13.88   | 15.74   |
| Supervisors, handlers, equipment cleaners, and laborers, n.e.c. .... | 15.63           | 4.7                                   | 10.60       | 12.00     | 16.04   | 18.75   | 18.75   |
| Helpers, mechanics and repairers .....                               | 12.80           | 6.0                                   | 7.93        | 10.25     | 12.90   | 15.07   | 17.88   |
| Helpers, construction trades .....                                   | 11.16           | 5.1                                   | 6.44        | 8.95      | 10.90   | 13.08   | 16.79   |
| Construction laborers .....  | 11.19           | 4.0                                   | 6.69        | 8.00      | 10.71   | 13.79   | 15.97   |
| Production helpers .....   | 10.44           | 8.4                                   | 7.40        | 7.61      | 10.22   | 13.09   | 15.00   |
| Garbage collectors .....   | 13.63           | 11.2                                  | 7.49        | 9.73      | 13.56   | 18.79   | 18.79   |
| Stock handlers and baggers .....                                     | 10.80           | 4.9                                   | 8.32        | 9.74      | 10.86   | 11.26   | 12.47   |
| Freight, stock, and material handlers, n.e.c. ....                   | 11.11           | 9.0                                   | 5.53        | 7.51      | 12.30   | 14.67   | 16.31   |
| Garage and service station related .....                             | 12.37           | 6.6                                   | 8.74        | 10.69     | 11.29   | 14.59   | 16.35   |
| Vehicle washers and equipment cleaners .....                         | 11.57           | 7.5                                   | 8.19        | 9.23      | 11.93   | 14.09   | 14.39   |
| Laborers, except construction, n.e.c. ....                           | 11.17           | 3.2                                   | 6.20        | 7.58      | 10.91   | 13.74   | 16.66   |
| <b>Service</b> .....   | 13.84           | 1.3                                   | 7.28        | 9.28      | 12.25   | 17.43   | 22.56   |
| Protective service .....   | 17.25           | 1.9                                   | 10.06       | 12.27     | 16.47   | 21.48   | 25.18   |
| Supervisors, firefighters and fire prevention .....                  | 20.04           | 2.9                                   | 13.18       | 15.66     | 19.49   | 23.83   | 27.91   |
| Supervisors, police and detectives .....                             | 24.19           | 2.7                                   | 14.07       | 19.23     | 24.47   | 28.88   | 33.23   |
| Supervisors, guards .....  | 18.97           | 11.8                                  | 8.50        | 12.79     | 18.87   | 28.06   | 28.67   |
| Fire inspection and fire prevention .....                            | 18.97           | 4.8                                   | 14.73       | 14.90     | 19.19   | 21.18   | 24.40   |
| Firefighting .....   | 15.35           | 2.5                                   | 9.30        | 11.81     | 14.86   | 18.73   | 22.04   |
| Police and detectives, public service .....                          | 19.54           | 1.4                                   | 12.47       | 15.32     | 19.42   | 22.77   | 26.64   |
| Sheriffs, bailiffs, and other law enforcement officers .....         | 15.91           | 2.6                                   | 10.10       | 12.01     | 15.35   | 18.62   | 24.08   |
| Correctional institution officers .....                              | 14.37           | 4.4                                   | 9.67        | 10.84     | 13.02   | 17.67   | 20.62   |
| Crossing guards .....  | 8.70            | 4.6                                   | 5.65        | 6.67      | 8.42    | 10.30   | 12.33   |
| Guards and police, except public service .....                       | 12.28           | 2.5                                   | 8.06        | 10.08     | 11.63   | 14.28   | 17.80   |
| Protective service, n.e.c. ....                                      | 12.85           | 4.6                                   | 7.26        | 9.62      | 11.74   | 15.82   | 20.27   |
| Food service .....   | 9.12            | 1.3                                   | 6.05        | 7.06      | 8.79    | 10.51   | 12.65   |
| Supervisors, food preparation and service .....                      | 11.75           | 4.0                                   | 9.05        | 9.69      | 11.00   | 13.55   | 15.60   |
| Cooks .....  | 9.45            | 1.8                                   | 6.82        | 7.96      | 9.25    | 10.73   | 12.34   |
| Food counter, fountain, and related .....                            | 7.60            | 2.9                                   | 5.48        | 6.22      | 7.06    | 9.09    | 10.00   |
| Kitchen workers, food preparation .....                              | 8.05            | 3.4                                   | 5.71        | 6.22      | 7.35    | 9.57    | 11.14   |
| Waiters/Waitresses' assistants .....                                 | 10.19           | 9.6                                   | 5.64        | 9.34      | 10.99   | 11.85   | 11.85   |
| Food preparation, n.e.c. ....  | 8.70            | 1.8                                   | 6.00        | 6.91      | 8.27    | 9.98    | 11.71   |
| Health service .....   | 10.58           | 1.8                                   | 6.99        | 8.23      | 10.32   | 12.66   | 14.46   |
| Dental assistants .....  | 9.68            | 7.9                                   | 7.48        | 8.14      | 9.29    | 10.90   | 13.20   |
| Health aides, except nursing .....                                   | 11.16           | 2.6                                   | 7.54        | 8.80      | 11.04   | 13.17   | 14.46   |
| Nursing aides, orderlies and attendants .....                        | 10.36           | 2.4                                   | 6.74        | 8.04      | 10.12   | 12.14   | 14.54   |
| Cleaning and building service .....                                  | 10.77           | 1.2                                   | 6.78        | 8.14      | 10.25   | 12.69   | 15.31   |
| Supervisors, cleaning and building service workers .....             | 14.93           | 3.6                                   | 8.68        | 10.96     | 14.08   | 18.85   | 19.03   |
| Maids and housemen .....   | 8.25            | 6.1                                   | 5.85        | 6.70      | 7.05    | 9.29    | 12.58   |
| Janitors and cleaners .....  | 10.47           | 1.3                                   | 6.80        | 8.07      | 10.08   | 12.34   | 14.48   |

See footnotes at end of table.

Supplementary table 3.1. **State and local government, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> all workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998**—Continued

| Occupation <sup>4</sup>                                | All workers     |                                       |             |           |        |         |         |
|--|-----------------|---------------------------------------|-------------|-----------|--------|---------|---------|
|  | Hourly earnings |                                       |             |           |        |         |         |
|  | Mean            | Relative error <sup>5</sup> (percent) | Percentiles |           |        |         |         |
| 10   |                 |                                       | 25          | Median 50 | 75     | 90      |         |
| <b>Service</b> —Continued                              |                 |                                       |             |           |        |         |         |
| Personal service .....                                 | \$9.49          | 2.4                                   | \$6.07      | \$7.11    | \$8.86 | \$10.91 | \$13.41 |
| Supervisors, personal service .....                    | 15.04           | 7.6                                   | 10.18       | 11.67     | 14.29  | 18.30   | 22.72   |
| Attendants, amusement, and recreation facilities ..... | 7.42            | 2.9                                   | 5.37        | 5.87      | 6.75   | 8.65    | 10.28   |
| Guides .....   | 12.32           | 10.8                                  | 6.11        | 6.42      | 8.11   | 21.28   | 21.28   |
| Ushers .....   | 6.33            | 1.7                                   | 5.15        | 6.20      | 6.50   | 6.67    | 6.67    |
| Public transportation attendants .....                 | 13.66           | 11.9                                  | 7.92        | 8.99      | 12.98  | 17.69   | 17.69   |
| Welfare service aides .....                            | 9.38            | 6.4                                   | 5.91        | 7.49      | 8.38   | 10.75   | 14.02   |
| Early childhood teachers' assistants .....             | 8.86            | 2.7                                   | 6.37        | 7.31      | 8.42   | 10.05   | 12.03   |
| Child care workers, n.e.c. ....                        | 9.45            | 4.3                                   | 6.15        | 7.26      | 9.05   | 10.09   | 12.80   |
| Service, n.e.c. ....                                   | 11.12           | 4.0                                   | 7.04        | 8.97      | 11.00  | 12.34   | 14.71   |

<sup>1</sup> Earnings are the 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. The 10th, 25th, 50th, 75th, and 90th percentiles designate position in the earnings distribution. At the 50th percentile, the median, half of the workers receive the same as or more than the rate shown, and half receive the same as or less than the rate shown. At the 25th percentile, one-fourth earn the same as or less than the rate shown. At the 75th percentile, one-fourth earn the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic.

<sup>2</sup> All workers include full-time and part-time workers. Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>3</sup> This survey covers all 50 States. Collection was conducted between July 1997 and

April 1999. The average reference period was August 1998.

<sup>4</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see appendix B in *National Compensation Survey: Occupational Wages in the United States, 1998*, Bulletin 2529.

<sup>5</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A in *National Compensation Survey: Occupational Wages in the United States, 1998*, Bulletin 2529.

NOTE: Overall occupational groups may include data for categories not shown separately and n.e.c. means "not elsewhere classified." Individual and average wage rates were collected in this update survey. A procedure was put into place to "move" the positional statistics where averages were collected. This procedure compares current locality survey data—at the quote level—with the same quote from the prior survey. Individual rates from the prior survey are moved by the average change in mean wages for the occupation.

Supplementary table 3.2. **State and local government, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> full-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998**

| Occupation <sup>4</sup>                                 | Full-time workers |  |             |              |         |         |         |
|---|-------------------|--|-------------|--------------|---------|---------|---------|
|   | Hourly earnings   |  |             |              |         |         |         |
|   | Mean              | Relative error <sup>5</sup><br>(percent) | Percentiles |              |         |         |         |
| 10  |                   |  | 25          | Median<br>50 | 75      | 90      |         |
| <b>All</b> .....  | \$18.97           | 0.7                                      | \$9.00      | \$11.69      | \$16.57 | \$23.85 | \$32.18 |
| All excluding sales .....                               | 18.99             | .7                                       | 9.01        | 11.70        | 16.58   | 23.88   | 32.21   |
| <b>White collar</b> .....                               | 21.26             | .5                                       | 9.86        | 13.07        | 19.00   | 27.01   | 35.81   |
| White collar excluding sales .....                      | 21.30             | .5                                       | 9.88        | 13.11        | 19.06   | 27.05   | 35.88   |
| <b>Professional specialty and technical</b> .....       | 25.12             | .6                                       | 13.59       | 17.81        | 23.35   | 30.38   | 38.91   |
| Professional specialty .....                            | 26.29             | .6                                       | 15.14       | 19.07        | 24.49   | 31.46   | 40.01   |
| Engineers, architects, and surveyors .....              | 25.46             | 1.8                                      | 18.60       | 21.59        | 24.41   | 28.65   | 32.44   |
| Architects .....  | 26.05             | 4.0                                      | 20.88       | 24.40        | 26.22   | 28.24   | 30.75   |
| Civil engineers .....                                   | 26.41             | 2.5                                      | 19.68       | 21.79        | 26.31   | 29.61   | 33.09   |
| Electrical and electronic engineers .....               | 26.81             | 4.4                                      | 22.73       | 23.14        | 25.04   | 30.50   | 32.05   |
| Industrial engineers .....                              | 19.64             | 3.4                                      | 16.30       | 17.25        | 19.52   | 24.12   | 24.34   |
| Mechanical engineers .....                              | 25.24             | 8.2                                      | 20.52       | 21.18        | 23.27   | 26.47   | 33.37   |
| Engineers, n.e.c. ....                                  | 23.96             | 4.9                                      | 14.75       | 20.18        | 22.88   | 29.15   | 31.61   |
| Surveyors and mapping scientists .....                  | 19.60             | 6.4                                      | 15.94       | 18.60        | 18.60   | 22.30   | 25.21   |
| Mathematical and computer scientists .....              | 21.52             | 2.8                                      | 15.08       | 17.39        | 21.21   | 24.91   | 28.25   |
| Computer systems analysts and scientists .....          | 21.63             | 2.9                                      | 15.28       | 17.46        | 21.35   | 25.00   | 28.23   |
| Operations and systems researchers and analysts .....   | 20.07             | 19.2                                     | 13.36       | 13.36        | 17.67   | 19.03   | 39.79   |
| Natural scientists .....                                | 20.66             | 2.6                                      | 13.21       | 15.66        | 20.30   | 24.96   | 28.85   |
| Chemists, except biochemists .....                      | 23.83             | 4.9                                      | 16.83       | 23.88        | 24.96   | 25.90   | 28.43   |
| Geologists and geodesists .....                         | 24.03             | 17.3                                     | 14.63       | 16.18        | 25.48   | 34.63   | 34.63   |
| Physical scientists, n.e.c. ....                        | 20.92             | 4.1                                      | 15.01       | 17.07        | 20.30   | 23.22   | 25.04   |
| Agricultural and food scientists .....                  | 21.33             | 12.9                                     | 13.55       | 15.56        | 19.97   | 23.86   | 32.71   |
| Biological and life scientists .....                    | 18.37             | 6.7                                      | 13.00       | 14.95        | 17.64   | 20.66   | 24.92   |
| Forestry and conservation scientists .....              | 20.03             | 8.7                                      | 12.64       | 15.41        | 19.32   | 22.79   | 27.66   |
| Medical scientists .....                                | 21.17             | 6.7                                      | 10.98       | 14.55        | 23.58   | 26.28   | 28.85   |
| Health related .....                                    | 21.86             | 1.7                                      | 13.91       | 16.53        | 19.88   | 24.13   | 31.25   |
| Physicians .....  | 27.49             | 11.5                                     | 11.33       | 14.27        | 17.88   | 45.52   | 52.89   |
| Registered nurses .....                                 | 20.73             | 1.2                                      | 14.74       | 16.82        | 20.01   | 23.44   | 28.09   |
| Pharmacists .....                                       | 26.92             | 4.8                                      | 20.59       | 22.21        | 25.64   | 31.37   | 35.38   |
| Dietitians .....  | 16.35             | 3.8                                      | 12.46       | 13.82        | 16.54   | 17.30   | 20.27   |
| Respiratory therapists .....                            | 17.94             | 2.7                                      | 15.21       | 15.91        | 17.41   | 19.32   | 20.68   |
| Occupational therapists .....                           | 22.33             | 5.5                                      | 15.09       | 18.79        | 21.76   | 25.38   | 28.22   |
| Physical therapists .....                               | 25.93             | 5.5                                      | 19.79       | 20.53        | 24.97   | 28.78   | 35.58   |
| Speech therapists .....                                 | 23.60             | 11.9                                     | 10.09       | 18.09        | 22.95   | 29.11   | 35.67   |
| Therapists, n.e.c. ....                                 | 16.82             | 7.1                                      | 11.76       | 13.13        | 15.06   | 19.71   | 25.58   |
| Teachers, college and university .....                  | 33.17             | 1.7                                      | 18.83       | 24.72        | 30.12   | 39.80   | 51.31   |
| Earth, environmental, and marine science teachers ..... | 34.76             | 15.7                                     | 20.39       | 22.65        | 26.77   | 46.63   | 66.36   |
| Biological science teachers .....                       | 32.73             | 11.0                                     | 20.63       | 25.68        | 28.79   | 37.36   | 51.12   |
| Chemistry teachers .....                                | 29.21             | 4.0                                      | 25.96       | 26.94        | 27.16   | 32.69   | 36.20   |
| Physics teachers .....                                  | 43.51             | 12.1                                     | 32.94       | 38.36        | 38.36   | 44.78   | 67.65   |
| Natural science teachers, n.e.c. ....                   | 39.73             | 7.7                                      | 22.48       | 30.28        | 37.46   | 52.33   | 52.33   |
| Psychology teachers .....                               | 29.95             | 7.5                                      | 19.18       | 24.16        | 25.58   | 29.01   | 54.23   |
| History teachers .....                                  | 33.74             | 8.4                                      | 18.97       | 25.05        | 31.25   | 40.31   | 46.56   |
| Political science teachers .....                        | 32.21             | 7.9                                      | 22.85       | 26.38        | 28.58   | 37.66   | 45.75   |
| Sociology teachers .....                                | 37.29             | 9.2                                      | 26.00       | 29.00        | 38.92   | 41.54   | 48.23   |
| Social science teachers, n.e.c. ....                    | 32.26             | 9.0                                      | 21.88       | 29.02        | 29.02   | 33.34   | 50.53   |
| Engineering teachers .....                              | 39.19             | 16.1                                     | 21.71       | 27.42        | 32.25   | 45.01   | 65.92   |
| Mathematical science teachers .....                     | 33.23             | 8.6                                      | 14.34       | 24.41        | 35.33   | 42.72   | 48.48   |
| Computer science teachers .....                         | 31.11             | 10.2                                     | 21.22       | 23.68        | 30.91   | 39.38   | 40.38   |
| Medical science teachers .....                          | 39.31             | 11.0                                     | 21.54       | 26.61        | 32.60   | 40.48   | 63.84   |
| Health specialties teachers .....                       | 35.41             | 10.2                                     | 21.13       | 24.52        | 30.68   | 42.80   | 67.71   |
| Business, commerce, and marketing teachers .....        | 33.35             | 6.4                                      | 25.54       | 28.16        | 31.54   | 34.08   | 46.78   |
| Agriculture and forestry teachers .....                 | 42.82             | 26.4                                     | 15.74       | 19.88        | 35.80   | 63.84   | 73.90   |
| Art, drama, and music teachers .....                    | 29.61             | 4.2                                      | 18.80       | 20.73        | 29.60   | 35.22   | 42.78   |
| Physical education teachers .....                       | 24.77             | 16.1                                     | 7.27        | 12.70        | 23.48   | 34.35   | 43.00   |
| Education teachers .....                                | 32.92             | 7.3                                      | 19.82       | 24.50        | 30.17   | 39.99   | 43.20   |
| English teachers .....                                  | 33.25             | 5.0                                      | 21.08       | 26.07        | 29.25   | 44.54   | 49.65   |
| Foreign language teachers .....                         | 22.81             | 21.8                                     | 12.82       | 14.58        | 15.48   | 28.23   | 42.53   |
| Theology teachers .....                                 | 35.60             | 2.6                                      | 25.77       | 31.36        | 34.38   | 39.28   | 45.96   |
| Trade and industrial teachers .....                     | 28.63             | 2.3                                      | 22.08       | 24.19        | 28.84   | 30.89   | 35.71   |
| Teachers, post secondary, subject not specified .....   | 34.36             | 9.6                                      | 16.82       | 21.57        | 30.54   | 41.73   | 54.92   |
| Teachers, post secondary, n.e.c. ....                   | 30.81             | 1.5                                      | 16.80       | 22.38        | 29.03   | 37.62   | 47.61   |

See footnotes at end of table.

Supplementary table 3.2. **State and local government, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> full-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>  | Full-time workers |                                       |              |              |              |              |              |
|--|-------------------|---------------------------------------|--------------|--------------|--------------|--------------|--------------|
|  | Hourly earnings   |                                       |              |              |              |              |              |
|  | Mean              | Relative error <sup>5</sup> (percent) | Percentiles  |              |              |              |              |
| 10   |                   |                                       | 25           | Median 50    | 75           | 90           |              |
| <b>White collar –Continued</b>   |                   |                                       |              |              |              |              |              |
| <b>Professional specialty and technical –Continued</b>                   |                   |                                       |              |              |              |              |              |
| Professional specialty –Continued  |                   |                                       |              |              |              |              |              |
| Teachers, except college and university .....                            | \$28.08           | 0.8                                   | \$17.78      | \$21.15      | \$26.46      | \$33.42      | \$40.98      |
| Prekindergarten and kindergarten .....                                   | 26.48             | 2.8                                   | 16.60        | 20.45        | 24.97        | 30.61        | 38.23        |
| Elementary school teachers .....   | 28.02             | 1.0                                   | 18.03        | 21.37        | 26.27        | 33.16        | 40.58        |
| Secondary school teachers .....  | 28.10             | 1.3                                   | 18.18        | 21.22        | 26.43        | 32.88        | 40.35        |
| Teachers, special education .....  | 29.04             | 1.9                                   | 18.38        | 21.82        | 27.36        | 34.98        | 41.38        |
| Teachers, n.e.c. ....  | 28.82             | 2.8                                   | 16.76        | 20.76        | 27.16        | 35.46        | 43.79        |
| Substitute teachers .....  | 10.88             | 9.6                                   | 8.62         | 9.80         | 9.80         | 10.25        | 19.71        |
| Vocational and educational counselors .....                              | 27.48             | 4.0                                   | 14.63        | 19.79        | 27.43        | 34.13        | 41.15        |
| Librarians, archivists, and curators .....                               | 21.86             | 2.9                                   | 12.12        | 15.32        | 20.82        | 26.11        | 32.89        |
| Librarians .....   | 22.30             | 3.0                                   | 12.25        | 15.38        | 21.88        | 27.18        | 32.91        |
| Archivists and curators .....  | 16.67             | 5.8                                   | 12.04        | 12.75        | 16.78        | 18.61        | 22.38        |
| Social scientists and urban planners .....                               | 24.34             | 4.8                                   | 14.18        | 17.52        | 23.00        | 28.83        | 37.72        |
| Economists .....   | 20.77             | 7.2                                   | 15.58        | 17.47        | 23.86        | 23.86        | 23.86        |
| Psychologists .....  | 27.59             | 5.5                                   | 16.49        | 21.17        | 25.69        | 31.86        | 43.50        |
| Social scientists, n.e.c. ....   | 13.51             | 11.0                                  | 9.50         | 11.00        | 12.27        | 13.53        | 20.58        |
| Urban planners .....   | 22.37             | 3.4                                   | 15.74        | 18.34        | 21.96        | 25.89        | 29.52        |
| Social, recreation, and religious workers .....                          | 16.80             | 1.7                                   | 11.18        | 12.69        | 15.79        | 19.54        | 24.33        |
| Social workers .....   | 16.91             | 1.8                                   | 11.35        | 12.73        | 15.83        | 19.65        | 24.49        |
| Recreation workers .....   | 14.83             | 5.2                                   | 8.80         | 10.90        | 15.50        | 18.60        | 19.24        |
| Lawyers and judges .....   | 31.23             | 3.4                                   | 18.46        | 23.31        | 30.44        | 37.00        | 48.56        |
| Lawyers .....  | 29.68             | 3.1                                   | 18.04        | 22.17        | 29.31        | 36.99        | 41.91        |
| Judges .....   | 43.16             | 6.5                                   | 26.73        | 41.01        | 46.28        | 48.65        | 51.73        |
| Writers, authors, entertainers, athletes, and professionals, n.e.c. .... | 21.88             | 5.1                                   | 13.39        | 16.00        | 20.65        | 25.97        | 33.20        |
| Designers .....  | 16.55             | 7.9                                   | 12.02        | 12.86        | 16.05        | 20.88        | 20.88        |
| Painters, sculptors, craft artists, and artist printmakers .....         | 18.17             | 11.0                                  | 12.22        | 12.58        | 19.52        | 21.58        | 22.13        |
| Artists, performers, and related workers, n.e.c. ....                    | 14.61             | 1.1                                   | 12.31        | 13.99        | 14.05        | 15.61        | 16.41        |
| Editors and reporters .....  | 19.18             | 5.0                                   | 14.90        | 18.10        | 19.00        | 21.71        | 23.32        |
| Public relations specialists .....                                       | 19.47             | 5.0                                   | 12.46        | 14.26        | 19.17        | 22.12        | 28.07        |
| Professional, n.e.c. ....  | 23.23             | 6.0                                   | 13.85        | 16.90        | 22.17        | 27.68        | 34.70        |
| Technical .....  | 15.06             | 1.4                                   | 9.37         | 11.49        | 14.45        | 18.00        | 21.55        |
| Clinical laboratory technologists and technicians .....                  | 15.01             | 5.6                                   | 9.37         | 11.49        | 14.50        | 18.08        | 21.55        |
| Health record technologists and technicians .....                        | 11.71             | 7.6                                   | 8.18         | 8.91         | 10.37        | 13.32        | 18.32        |
| Radiological technicians .....   | 15.14             | 4.0                                   | 11.73        | 12.89        | 14.15        | 16.32        | 19.03        |
| Licensed practical nurses .....  | 12.69             | 2.2                                   | 9.15         | 10.38        | 12.56        | 14.55        | 16.45        |
| Health technologists and technicians, n.e.c. ....                        | 13.82             | 2.2                                   | 8.48         | 10.51        | 13.50        | 15.76        | 19.44        |
| Electrical and electronic technicians .....                              | 14.83             | 15.0                                  | 8.89         | 8.89         | 13.90        | 18.89        | 24.76        |
| Engineering technicians, n.e.c. ....                                     | 16.54             | 3.2                                   | 11.02        | 13.31        | 16.44        | 19.06        | 21.97        |
| Drafters .....   | 18.42             | 4.8                                   | 11.28        | 15.34        | 19.69        | 20.44        | 23.70        |
| Surveying and mapping technicians .....                                  | 16.08             | 6.2                                   | 9.80         | 11.59        | 15.36        | 20.71        | 22.00        |
| Biological technicians .....   | 13.25             | 3.7                                   | 9.18         | 11.44        | 12.71        | 15.25        | 16.59        |
| Chemical technicians .....   | 19.91             | 4.1                                   | 15.79        | 16.67        | 19.58        | 23.79        | 23.79        |
| Science technicians, n.e.c. ....   | 15.56             | 4.4                                   | 11.30        | 13.33        | 14.56        | 17.70        | 20.31        |
| Broadcast equipment operators .....                                      | 17.35             | 7.7                                   | 9.81         | 14.36        | 18.91        | 18.91        | 24.50        |
| Computer programmers .....   | 19.51             | 4.0                                   | 13.82        | 16.36        | 18.00        | 23.31        | 26.44        |
| Legal assistants .....   | 15.66             | 4.7                                   | 11.01        | 13.20        | 14.73        | 17.68        | 19.57        |
| Technical and related, n.e.c. ....                                       | 16.27             | 4.7                                   | 10.07        | 12.30        | 16.17        | 19.69        | 22.69        |
| <b>Executive, administrative, and managerial .....</b>                   | <b>25.04</b>      | <b>1.1</b>                            | <b>14.06</b> | <b>17.63</b> | <b>23.06</b> | <b>30.08</b> | <b>38.60</b> |
| Executives, administrators, and managers .....                           | 29.14             | 1.3                                   | 16.82        | 21.13        | 27.70        | 35.40        | 43.03        |
| Legislators .....  | 12.98             | 16.9                                  | 3.46         | 3.46         | 8.00         | 23.20        | 27.65        |
| Chief executives and general administrators, public administration ..... | 38.27             | 5.1                                   | 26.44        | 35.65        | 38.85        | 45.25        | 47.81        |
| Administrators and officials, public administration .....                | 25.84             | 1.7                                   | 15.80        | 20.10        | 24.89        | 29.28        | 37.48        |
| Financial managers .....   | 33.61             | 3.6                                   | 20.50        | 25.91        | 30.81        | 43.48        | 51.96        |
| Personnel and labor relations managers .....                             | 30.72             | 5.7                                   | 16.82        | 20.26        | 30.61        | 39.70        | 43.47        |
| Purchasing managers .....  | 25.28             | 11.3                                  | 16.37        | 16.38        | 29.92        | 30.82        | 33.05        |
| Managers, marketing, advertising, and public relations .....             | 22.56             | 11.1                                  | 17.31        | 17.31        | 19.07        | 24.38        | 32.54        |
| Administrators, education and related fields .....                       | 33.82             | 1.8                                   | 21.02        | 27.04        | 32.93        | 38.94        | 46.56        |

See footnotes at end of table.



Supplementary table 3.2. **State and local government, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> full-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>   | Full-time workers |  |             |              |         |         |         |
|---|-------------------|--|-------------|--------------|---------|---------|---------|
|   | Hourly earnings   |  |             |              |         |         |         |
|   | Mean              | Relative error <sup>5</sup><br>(percent) | Percentiles |              |         |         |         |
| 10  |                   |  | 25          | Median<br>50 | 75      | 90      |         |
| <b>White collar –Continued</b>  |                   |  |             |              |         |         |         |
| <b>Executive, administrative, and managerial –Continued</b>             |                   |  |             |              |         |         |         |
| Executives, administrators, and managers –Continued                     |                   |  |             |              |         |         |         |
| Managers, medicine and health .....                                     | \$27.24           | 7.8                                      | \$14.36     | \$19.72      | \$25.02 | \$30.84 | \$42.36 |
| Managers, food servicing and lodging establishments ..                  | 17.26             | 7.1                                      | 12.46       | 13.17        | 15.55   | 20.95   | 20.95   |
| Managers, properties and real estate .....                              | 22.17             | 6.0                                      | 16.07       | 19.18        | 20.47   | 26.16   | 28.24   |
| Managers, service organizations, n.e.c. ....                            | 20.91             | 4.2                                      | 11.84       | 15.11        | 20.61   | 26.50   | 29.37   |
| Managers and administrators, n.e.c. ....                                | 28.26             | 4.5                                      | 17.07       | 20.00        | 26.97   | 34.58   | 41.25   |
| Management related .....  | 19.21             | 1.5                                      | 12.41       | 15.14        | 18.35   | 22.78   | 26.73   |
| Accountants and auditors .....  | 18.35             | 3.6                                      | 11.18       | 15.28        | 18.16   | 21.51   | 25.08   |
| Other financial officers .....  | 22.30             | 6.7                                      | 15.44       | 17.92        | 22.96   | 26.03   | 27.45   |
| Management analysts .....   | 20.01             | 2.8                                      | 14.32       | 15.55        | 18.48   | 23.64   | 28.14   |
| Personnel, training, and labor relations specialists .....              | 18.69             | 2.8                                      | 11.99       | 14.91        | 17.99   | 21.47   | 26.73   |
| Buyers, wholesale and retail trade, except farm<br>products .....       | 22.29             | 7.1                                      | 17.41       | 17.41        | 21.48   | 26.30   | 26.30   |
| Purchasing agents and buyers, n.e.c. ....                               | 15.38             | 3.3                                      | 9.48        | 13.49        | 14.61   | 17.96   | 20.87   |
| Construction inspectors .....   | 19.77             | 4.0                                      | 12.86       | 15.48        | 19.16   | 23.60   | 27.06   |
| Inspectors and compliance officers, except<br>construction .....        | 17.80             | 4.2                                      | 11.92       | 13.67        | 17.94   | 20.34   | 24.51   |
| Management related, n.e.c. ....   | 20.92             | 2.6                                      | 13.31       | 16.32        | 19.93   | 25.14   | 29.17   |
| <b>Sales</b> .....  | 12.49             | 4.9                                      | 6.97        | 8.15         | 11.96   | 14.75   | 19.35   |
| Supervisors, sales .....  | 15.25             | 7.1                                      | 11.00       | 11.40        | 14.07   | 16.88   | 21.28   |
| Real estate sales .....   | 19.04             | 11.7                                     | 11.83       | 13.53        | 20.36   | 24.72   | 25.94   |
| Sales workers, other commodities .....                                  | 9.54              | 11.2                                     | 5.25        | 7.06         | 8.03    | 11.47   | 14.09   |
| Cashiers .....  | 11.03             | 7.1                                      | 6.33        | 7.78         | 9.42    | 14.71   | 18.74   |
| <b>Administrative support, including clerical</b> .....                 | 12.16             | .7                                       | 7.90        | 9.51         | 11.65   | 14.29   | 16.99   |
| Supervisors, general office .....                                       | 16.01             | 1.8                                      | 11.89       | 13.51        | 15.95   | 17.77   | 20.99   |
| Supervisors, computer equipment operators .....                         | 22.36             | 3.9                                      | 17.28       | 21.82        | 22.82   | 23.85   | 26.79   |
| Supervisors, financial records processing .....                         | 16.67             | 4.8                                      | 12.37       | 14.25        | 16.06   | 17.99   | 21.87   |
| Chief communications operators .....                                    | 15.30             | 7.8                                      | 10.27       | 12.24        | 14.33   | 17.11   | 22.53   |
| Supervisors, distribution, scheduling, and adjusting<br>clerks .....    | 17.00             | 9.9                                      | 10.27       | 14.53        | 16.37   | 19.73   | 22.31   |
| Computer operators .....  | 13.04             | 3.7                                      | 9.85        | 10.51        | 12.26   | 14.49   | 19.10   |
| Secretaries .....   | 12.72             | 1.2                                      | 8.74        | 10.21        | 12.21   | 14.92   | 17.39   |
| Stenographers .....   | 16.28             | 4.8                                      | 9.36        | 11.89        | 14.97   | 18.41   | 25.83   |
| Typists .....   | 11.69             | 1.8                                      | 8.75        | 10.01        | 11.50   | 13.22   | 14.70   |
| Interviewers .....  | 10.26             | 4.7                                      | 6.27        | 8.22         | 10.48   | 11.49   | 13.96   |
| Receptionists .....   | 9.80              | 4.7                                      | 7.20        | 7.74         | 9.27    | 11.16   | 13.90   |
| Information clerks, n.e.c. ....   | 12.12             | 5.2                                      | 6.94        | 10.25        | 11.49   | 14.58   | 16.50   |
| Order clerks .....  | 15.73             | 5.5                                      | 11.93       | 11.93        | 14.82   | 19.47   | 21.36   |
| Personnel clerks, except payroll and timekeeping .....                  | 13.70             | 5.5                                      | 8.56        | 11.19        | 13.77   | 16.44   | 17.73   |
| Library clerks .....  | 10.68             | 3.1                                      | 7.82        | 8.50         | 10.43   | 12.42   | 14.29   |
| File clerks .....   | 10.08             | 6.0                                      | 7.00        | 8.04         | 9.97    | 12.24   | 13.90   |
| Records clerks, n.e.c. ....   | 11.27             | 3.0                                      | 7.60        | 9.17         | 11.19   | 13.04   | 15.13   |
| Bookkeepers, accounting and auditing clerks .....                       | 12.52             | 1.7                                      | 8.65        | 10.06        | 12.16   | 14.63   | 16.98   |
| Payroll and timekeeping clerks .....                                    | 13.68             | 4.1                                      | 10.70       | 11.60        | 12.09   | 15.37   | 17.70   |
| Billing clerks .....  | 11.52             | 6.9                                      | 6.74        | 8.32         | 11.03   | 14.40   | 15.68   |
| Duplicating machine operators .....                                     | 9.00              | 6.8                                      | 7.32        | 7.46         | 8.29    | 9.17    | 14.39   |
| Telephone operators .....   | 10.56             | 7.2                                      | 6.85        | 8.11         | 10.17   | 12.53   | 16.09   |
| Mail clerks, except postal service .....                                | 8.39              | 10.0                                     | 6.69        | 6.69         | 7.65    | 8.57    | 13.69   |
| Messengers .....  | 9.98              | 9.0                                      | 6.00        | 8.55         | 9.43    | 12.78   | 13.34   |
| Dispatchers .....   | 13.38             | 4.7                                      | 8.67        | 9.72         | 12.13   | 16.05   | 20.43   |
| Production coordinators .....   | 16.84             | 9.4                                      | 10.47       | 12.25        | 15.19   | 23.69   | 23.69   |
| Traffic, shipping and receiving clerks .....                            | 13.37             | 3.5                                      | 8.43        | 12.82        | 14.32   | 16.12   | 16.12   |
| Stock and inventory clerks .....  | 11.67             | 3.8                                      | 7.35        | 8.50         | 10.97   | 13.97   | 16.54   |
| Meter readers .....   | 13.54             | 5.2                                      | 8.65        | 11.04        | 12.03   | 16.27   | 18.76   |
| Material recording, scheduling, and distribution clerks,<br>n.e.c. .... | 14.06             | 6.3                                      | 11.06       | 11.06        | 14.01   | 16.92   | 17.98   |
| Insurance adjusters, examiners, and investigators .....                 | 14.32             | 6.4                                      | 10.31       | 11.75        | 13.80   | 15.96   | 18.95   |
| Investigators and adjusters, except insurance .....                     | 15.11             | 5.2                                      | 9.96        | 12.39        | 15.14   | 17.51   | 19.99   |

See footnotes at end of table.

Supplementary table 3.2. **State and local government, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> full-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>   | Full-time workers |                                       |             |           |         |         |         |
|---|-------------------|---------------------------------------|-------------|-----------|---------|---------|---------|
|   | Hourly earnings   |                                       |             |           |         |         |         |
|   | Mean              | Relative error <sup>5</sup> (percent) | Percentiles |           |         |         |         |
| 10  |                   |                                       | 25          | Median 50 | 75      | 90      |         |
| <b>White collar –Continued</b>                                      |                   |                                       |             |           |         |         |         |
| <b>Administrative support, including clerical –Continued</b>        |                   |                                       |             |           |         |         |         |
| Eligibility clerks, social welfare .....                            | \$13.68           | 2.1                                   | \$10.19     | \$11.97   | \$13.39 | \$14.62 | \$17.31 |
| Bill and account collectors .....                                   | 12.96             | 4.1                                   | 10.25       | 10.61     | 12.99   | 14.16   | 15.99   |
| General office clerks .....   | 11.63             | 1.2                                   | 8.01        | 9.41      | 11.26   | 13.46   | 15.42   |
| Data entry keyers .....   | 11.24             | 3.3                                   | 7.69        | 9.64      | 11.46   | 13.26   | 13.47   |
| Statistical clerks .....  | 10.39             | 4.1                                   | 8.69        | 9.32      | 10.01   | 11.03   | 13.16   |
| Teachers' aides .....   | 9.25              | 1.7                                   | 6.63        | 7.49      | 8.63    | 10.47   | 12.67   |
| Administrative support, n.e.c. ....                                 | 12.67             | 1.8                                   | 8.91        | 9.97      | 12.03   | 14.75   | 17.47   |
| <b>Blue collar</b> .....  | 14.66             | 1.2                                   | 8.67        | 10.81     | 14.05   | 17.77   | 21.34   |
| <b>Precision production, craft, and repair</b> .....                |                   |                                       |             |           |         |         |         |
| Supervisors, mechanics and repairers .....                          | 19.75             | 3.7                                   | 13.04       | 15.75     | 19.41   | 22.74   | 26.38   |
| Automobile mechanics .....  | 17.62             | 8.1                                   | 11.09       | 12.73     | 17.36   | 22.82   | 24.50   |
| Bus, truck, and stationary engine mechanics .....                   | 16.50             | 4.0                                   | 10.67       | 14.30     | 16.72   | 19.69   | 20.58   |
| Small engine repairs .....  | 12.42             | 6.8                                   | 10.18       | 11.13     | 11.64   | 15.44   | 15.44   |
| Heavy equipment mechanics .....                                     | 16.36             | 5.4                                   | 10.07       | 12.72     | 17.60   | 19.28   | 20.78   |
| Industrial machinery repairers .....                                | 17.88             | 6.5                                   | 11.50       | 13.48     | 17.91   | 20.85   | 25.13   |
| Machinery maintenance .....   | 14.69             | 8.2                                   | 9.08        | 12.73     | 14.79   | 16.00   | 19.32   |
| Electronic repairers, communications and industrial equipment ..... | 17.63             | 5.2                                   | 11.23       | 13.45     | 17.91   | 21.68   | 22.14   |
| Data processing equipment repairers .....                           | 15.78             | 4.2                                   | 12.79       | 13.98     | 16.35   | 17.44   | 17.44   |
| Heating, air conditioning, and refrigeration mechanics ..           | 14.96             | 3.4                                   | 10.39       | 12.15     | 15.21   | 17.10   | 19.12   |
| Mechanical controls and valve repairers .....                       | 17.70             | 4.1                                   | 13.01       | 14.29     | 17.38   | 20.55   | 24.63   |
| Mechanics and repairers, n.e.c. ....                                | 14.28             | 2.6                                   | 9.30        | 10.83     | 13.67   | 16.70   | 20.41   |
| Supervisors, electricians and power transmission installers .....   | 23.39             | 13.0                                  | 15.00       | 15.00     | 22.30   | 26.93   | 36.86   |
| Supervisors, plumbers, pipefitters, and steamfitters .....          | 22.44             | 12.2                                  | 12.56       | 13.76     | 25.02   | 28.52   | 28.52   |
| Supervisors, construction trades, n.e.c. ....                       | 16.76             | 6.3                                   | 10.10       | 12.31     | 15.43   | 19.94   | 26.14   |
| Carpenters .....  | 17.36             | 5.7                                   | 10.59       | 12.19     | 16.82   | 21.52   | 26.91   |
| Electricians .....  | 17.60             | 3.7                                   | 12.01       | 13.92     | 16.08   | 20.44   | 27.00   |
| Electrician apprentices .....                                       | 17.81             | 4.7                                   | 17.22       | 17.22     | 17.22   | 17.60   | 23.57   |
| Electrical power installers and repairers .....                     | 19.92             | 2.8                                   | 12.89       | 16.69     | 20.81   | 24.12   | 25.57   |
| Painters, construction and maintenance .....                        | 16.50             | 5.7                                   | 11.07       | 12.86     | 17.30   | 19.79   | 20.51   |
| Plumbers, pipefitters and steamfitters .....                        | 16.98             | 4.7                                   | 11.73       | 13.68     | 17.03   | 19.44   | 23.38   |
| Plumber, pipefitter, and steamfitter apprentices .....              | 15.80             | 4.7                                   | 12.15       | 13.97     | 16.59   | 17.14   | 17.99   |
| Concrete and terrazzo finishers .....                               | 15.55             | 10.5                                  | 10.50       | 12.47     | 14.30   | 19.95   | 21.33   |
| Paving, surfacing, and tamping equipment operators ...              | 12.87             | 1.7                                   | 11.20       | 11.72     | 13.12   | 13.83   | 14.34   |
| Construction trades, n.e.c. ....                                    | 12.99             | 3.9                                   | 8.26        | 10.24     | 12.56   | 15.36   | 18.48   |
| Supervisors, production .....                                       | 17.99             | 10.3                                  | 11.96       | 12.27     | 14.23   | 23.56   | 26.83   |
| Machinists .....  | 20.08             | 7.1                                   | 17.41       | 17.41     | 19.92   | 24.48   | 24.48   |
| Inspectors, testers, and graders .....                              | 18.24             | 4.5                                   | 15.41       | 16.66     | 18.23   | 20.91   | 20.91   |
| Water and sewer treatment plant operators .....                     | 15.69             | 3.1                                   | 10.02       | 12.79     | 15.66   | 18.68   | 21.35   |
| Power plant operators .....   | 21.40             | 4.5                                   | 13.49       | 17.15     | 20.87   | 26.07   | 29.47   |
| Stationary engineers .....  | 18.89             | 6.6                                   | 12.14       | 16.09     | 18.51   | 23.71   | 26.99   |
| Miscellaneous plant and system operators, n.e.c. ....               | 14.38             | 5.2                                   | 11.75       | 13.63     | 15.14   | 15.14   | 16.30   |
| <b>Machine operators, assemblers, and inspectors</b> .....          |                   |                                       |             |           |         |         |         |
| Printing press operators .....                                      | 12.00             | 4.5                                   | 10.14       | 10.44     | 11.41   | 13.30   | 13.93   |
| Laundry and dry cleaning machine operators .....                    | 8.58              | 6.5                                   | 5.89        | 7.04      | 8.41    | 10.61   | 10.90   |
| Furnace, kiln, and oven operators, except food .....                | 15.67             | 3.6                                   | 14.14       | 14.55     | 15.00   | 16.90   | 18.65   |
| Miscellaneous machine operators, n.e.c. ....                        | 14.73             | 12.6                                  | 8.02        | 8.56      | 13.30   | 17.46   | 24.66   |
| Welders and cutters .....   | 18.88             | 7.5                                   | 10.52       | 15.63     | 20.32   | 21.11   | 21.11   |
| <b>Transportation and material moving</b> .....                     |                   |                                       |             |           |         |         |         |
| Supervisors, motor vehicle operators .....                          | 16.11             | 12.5                                  | 10.10       | 10.10     | 13.96   | 20.66   | 24.68   |
| Truck drivers .....   | 13.64             | 3.8                                   | 8.49        | 10.30     | 13.13   | 16.71   | 20.99   |
| Bus drivers .....   | 14.39             | 2.0                                   | 9.44        | 11.75     | 14.69   | 17.06   | 19.30   |
| Taxicab drivers and chauffeurs .....                                | 7.48              | 11.0                                  | 5.24        | 5.35      | 6.56    | 9.15    | 11.42   |
| Motor transportation, n.e.c. ....                                   | 14.16             | 5.4                                   | 9.69        | 12.04     | 13.70   | 15.97   | 19.90   |
| Locomotive operating .....  | 19.49             | 3.3                                   | 17.39       | 18.25     | 20.47   | 20.80   | 20.80   |

See footnotes at end of table.

Supplementary table 3.2. **State and local government, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> full-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998–Continued**

| Occupation <sup>4</sup>   | Full-time workers |  |             |           |         |         |         |
|---|-------------------|--|-------------|-----------|---------|---------|---------|
|   | Hourly earnings   |  |             |           |         |         |         |
|   | Mean              | Relative error <sup>5</sup><br>(percent) | Percentiles |           |         |         |         |
| 10  |                   |  | 25          | Median 50 | 75      | 90      |         |
| <b>Blue collar –Continued</b>   |                   |  |             |           |         |         |         |
| <b>Transportation and material moving –Continued</b>                    |                   |  |             |           |         |         |         |
| Ship captains and mates, except fishing boats .....                     | \$21.56           | 10.2                                     | \$13.17     | \$16.68   | \$21.87 | \$25.83 | \$33.74 |
| Supervisors, material moving equipment .....                            | 14.40             | 10.4                                     | 8.00        | 10.10     | 16.47   | 17.31   | 19.65   |
| Operating engineers .....   | 13.42             | 7.8                                      | 9.42        | 9.92      | 12.93   | 15.16   | 20.80   |
| Excavating and loading machine operators .....                          | 12.68             | 8.9                                      | 8.11        | 9.28      | 11.51   | 16.16   | 20.74   |
| Grader, dozer, and scrapper operators .....                             | 12.63             | 8.5                                      | 8.01        | 9.63      | 11.21   | 14.24   | 22.02   |
| Industrial truck and tractor equipment operators .....                  | 11.00             | 3.7                                      | 7.54        | 9.22      | 11.39   | 12.72   | 13.15   |
| Miscellaneous material moving equipment operators,<br>n.e.c. ....       | 13.01             | 3.8                                      | 8.65        | 10.32     | 11.88   | 16.47   | 17.86   |
| <b>Handlers, equipment cleaners, helpers, and laborers</b>              |                   |  |             |           |         |         |         |
| Supervisors, agriculture-related workers .....                          | 12.05             | 2.1                                      | 7.01        | 8.76      | 11.67   | 14.95   | 18.40   |
| Supervisors, agriculture-related workers .....                          | 16.65             | 4.1                                      | 11.42       | 13.46     | 17.72   | 19.49   | 20.73   |
| Groundskeepers and gardeners, except farm .....                         | 11.64             | 3.1                                      | 7.05        | 8.31      | 11.30   | 14.21   | 17.34   |
| Animal caretakers, except farm .....                                    | 10.68             | 11.0                                     | 6.61        | 7.07      | 10.23   | 13.88   | 15.74   |
| Supervisors, handlers, equipment cleaners, and<br>laborers, n.e.c. .... | 15.63             | 4.7                                      | 10.60       | 12.00     | 16.04   | 18.75   | 18.75   |
| Helpers, mechanics and repairers .....                                  | 12.87             | 6.1                                      | 7.72        | 10.25     | 13.01   | 15.07   | 18.00   |
| Helpers, construction trades .....                                      | 11.17             | 5.1                                      | 6.44        | 8.99      | 10.90   | 13.08   | 16.79   |
| Construction laborers .....   | 11.31             | 4.1                                      | 6.69        | 8.20      | 11.00   | 13.94   | 15.97   |
| Production helpers .....  | 11.10             | 13.0                                     | 7.40        | 7.40      | 11.48   | 14.97   | 15.00   |
| Garbage collectors .....  | 13.79             | 10.9                                     | 7.49        | 10.05     | 13.56   | 18.79   | 18.79   |
| Stock handlers and baggers .....  | 11.01             | 4.9                                      | 8.36        | 9.74      | 10.86   | 11.26   | 12.47   |
| Freight, stock, and material handlers, n.e.c. ....                      | 11.16             | 9.1                                      | 5.53        | 7.51      | 12.30   | 14.67   | 16.31   |
| Garage and service station related .....                                | 11.26             | 2.7                                      | 8.74        | 9.80      | 11.29   | 12.46   | 13.84   |
| Vehicle washers and equipment cleaners .....                            | 11.84             | 7.3                                      | 8.75        | 9.51      | 11.93   | 14.25   | 14.69   |
| Laborers, except construction, n.e.c. ....                              | 11.39             | 3.3                                      | 6.50        | 7.90      | 11.08   | 14.11   | 16.72   |
| <b>Service</b>  |                   |  |             |           |         |         |         |
| Protective service .....  | 14.33             | 1.4                                      | 7.66        | 9.75      | 12.78   | 18.00   | 23.06   |
| Protective service .....  | 17.48             | 2.0                                      | 10.35       | 12.47     | 16.77   | 21.63   | 25.28   |
| Supervisors, firefighters and fire prevention .....                     | 20.04             | 2.9                                      | 13.18       | 15.66     | 19.49   | 23.83   | 27.91   |
| Supervisors, police and detectives .....                                | 24.19             | 2.7                                      | 14.07       | 19.23     | 24.47   | 28.88   | 33.23   |
| Supervisors, guards .....   | 19.61             | 11.4                                     | 8.05        | 13.07     | 19.78   | 28.06   | 28.67   |
| Fire inspection and fire prevention .....                               | 19.19             | 4.9                                      | 14.90       | 14.90     | 19.19   | 21.18   | 24.40   |
| Firefighting .....  | 15.55             | 2.3                                      | 9.57        | 11.96     | 14.99   | 18.77   | 22.26   |
| Police and detectives, public service .....                             | 19.62             | 1.3                                      | 12.68       | 15.34     | 19.42   | 22.80   | 26.64   |
| Sheriffs, bailiffs, and other law enforcement officers .....            | 16.02             | 2.7                                      | 10.10       | 12.01     | 15.49   | 18.75   | 24.11   |
| Correctional institution officers .....                                 | 14.38             | 4.4                                      | 9.67        | 10.84     | 13.06   | 17.67   | 20.62   |
| Guards and police, except public service .....                          | 12.62             | 2.6                                      | 8.50        | 10.55     | 11.95   | 14.54   | 17.89   |
| Protective service, n.e.c. ....   | 13.88             | 5.0                                      | 8.50        | 10.29     | 12.67   | 17.43   | 21.31   |
| Food service .....  | 9.45              | 2.0                                      | 6.09        | 7.28      | 9.21    | 10.94   | 13.33   |
| Supervisors, food preparation and service .....                         | 11.81             | 4.2                                      | 9.05        | 9.54      | 11.07   | 13.93   | 15.60   |
| Cooks .....   | 9.64              | 1.9                                      | 6.98        | 8.03      | 9.46    | 10.78   | 12.85   |
| Food counter, fountain, and related .....                               | 7.11              | 4.2                                      | 5.31        | 5.86      | 6.93    | 7.88    | 9.14    |
| Kitchen workers, food preparation .....                                 | 7.91              | 4.5                                      | 5.66        | 6.10      | 7.14    | 9.32    | 11.10   |
| Food preparation, n.e.c. ....   | 9.02              | 2.7                                      | 6.09        | 7.12      | 8.49    | 10.54   | 11.84   |
| Health service .....  | 10.68             | 1.9                                      | 7.05        | 8.26      | 10.43   | 12.86   | 14.58   |
| Dental assistants .....   | 9.68              | 7.9                                      | 7.48        | 8.14      | 9.29    | 10.90   | 13.20   |
| Health aides, except nursing .....                                      | 11.21             | 2.8                                      | 7.54        | 8.80      | 11.17   | 13.28   | 14.46   |
| Nursing aides, orderlies and attendants .....                           | 10.47             | 2.6                                      | 6.81        | 8.09      | 10.22   | 12.31   | 14.64   |
| Cleaning and building service .....                                     | 10.86             | 1.3                                      | 6.86        | 8.19      | 10.30   | 12.80   | 15.43   |
| Supervisors, cleaning and building service workers .....                | 14.93             | 3.6                                      | 8.68        | 10.96     | 14.08   | 18.85   | 19.03   |
| Maids and housemen .....  | 8.03              | 6.1                                      | 5.78        | 6.65      | 6.98    | 9.20    | 11.19   |
| Janitors and cleaners .....   | 10.56             | 1.4                                      | 6.89        | 8.14      | 10.20   | 12.43   | 14.59   |

See footnotes at end of table.

Supplementary table 3.2. **State and local government, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> full-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998—Continued**

| Occupation <sup>4</sup>                                | Full-time workers |  |             |              |        |         |         |
|--|-------------------|--|-------------|--------------|--------|---------|---------|
|  | Hourly earnings   |  |             |              |        |         |         |
|  | Mean              | Relative error <sup>5</sup><br>(percent) | Percentiles |              |        |         |         |
| 10   |                   |  | 25          | Median<br>50 | 75     | 90      |         |
| <b>Service—Continued</b>                               |                   |  |             |              |        |         |         |
| Personal service .....                                 | \$10.10           | 3.4                                      | \$6.19      | \$7.72       | \$9.31 | \$11.72 | \$14.42 |
| Supervisors, personal service .....                    | 15.95             | 8.8                                      | 10.24       | 12.13        | 14.95  | 19.25   | 23.63   |
| Attendants, amusement, and recreation facilities ..... | 7.98              | 6.2                                      | 5.55        | 6.07         | 7.52   | 10.00   | 11.00   |
| Public transportation attendants .....                 | 15.43             | 9.6                                      | 8.63        | 11.95        | 17.69  | 17.69   | 20.11   |
| Welfare service aides .....                            | 9.48              | 7.1                                      | 5.91        | 7.49         | 8.24   | 10.94   | 14.27   |
| Early childhood teachers' assistants .....             | 8.98              | 3.1                                      | 6.43        | 7.49         | 8.61   | 10.24   | 12.03   |
| Child care workers, n.e.c. ....                        | 10.50             | 9.8                                      | 6.15        | 7.46         | 9.84   | 12.02   | 15.57   |
| Service, n.e.c. ....                                   | 11.60             | 3.9                                      | 8.34        | 9.74         | 11.58  | 12.59   | 15.68   |

<sup>1</sup> Earnings are the 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. The 10th, 25th, 50th, 75th, and 90th percentiles designate position in the earnings distribution. At the 50th percentile, the median, half of the workers receive the same as or more than the rate shown, and half receive the same as or less than the rate shown. At the 25th percentile, one-fourth earn the same as or less than the rate shown. At the 75th percentile, one-fourth earn the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic.

<sup>2</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>3</sup> This survey covers all 50 States. Collection was conducted between July 1997 and

April 1999. The average reference period was August 1998.

<sup>4</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see appendix B in *National Compensation Survey: Occupational Wages in the United States, 1998*, Bulletin 2529.

<sup>5</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A in *National Compensation Survey: Occupational Wages in the United States, 1998*, Bulletin 2529.

NOTE: Overall occupational groups may include data for categories not shown separately and n.e.c. means "not elsewhere classified." Individual and average wage rates were collected in this update survey. A procedure was put into place to "move" the positional statistics where averages were collected. This procedure compares current locality survey data—at the quote level—with the same quote from the prior survey. Individual rates from the prior survey are moved by the average change in mean wages for the occupation.

Supplementary table 3.3. **State and local government, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998**

| Occupation <sup>4</sup>  | Part-time workers |                                       |             |           |         |         |         |
|--|-------------------|---------------------------------------|-------------|-----------|---------|---------|---------|
|  | Hourly earnings   |                                       |             |           |         |         |         |
|  | Mean              | Relative error <sup>5</sup> (percent) | Percentiles |           |         |         |         |
| 10   |                   |                                       | 25          | Median 50 | 75      | 90      |         |
| <b>All</b> .....   | \$12.94           | 2.2                                   | \$6.30      | \$7.85    | \$10.18 | \$15.05 | \$21.64 |
| All excluding sales .....  | 12.97             | 2.2                                   | 6.31        | 7.86      | 10.21   | 15.09   | 21.68   |
| <b>White collar</b> .....  | 15.73             | 2.4                                   | 6.99        | 8.88      | 12.66   | 20.00   | 27.69   |
| White collar excluding sales .....                                       | 15.84             | 2.4                                   | 7.00        | 8.92      | 12.82   | 20.00   | 27.88   |
| <b>Professional specialty and technical</b> .....                        | 20.04             | 2.3                                   | 8.54        | 11.81     | 18.53   | 24.19   | 34.17   |
| Professional specialty .....   | 21.04             | 2.2                                   | 8.50        | 12.96     | 19.89   | 25.51   | 34.73   |
| Engineers, architects, and surveyors .....                               | ±                 | ±                                     | ±           | ±         | ±       | ±       | ±       |
| Mathematical and computer scientists .....                               | ±                 | ±                                     | ±           | ±         | ±       | ±       | ±       |
| Natural scientists .....   | ±                 | ±                                     | ±           | ±         | ±       | ±       | ±       |
| Health related .....   | 22.90             | 4.4                                   | 16.10       | 19.74     | 20.00   | 24.91   | 31.00   |
| Physicians .....   | 47.83             | 17.0                                  | 22.77       | 28.92     | 47.31   | 61.68   | 75.00   |
| Registered nurses .....  | 22.46             | 4.5                                   | 16.54       | 19.25     | 20.93   | 25.39   | 30.79   |
| Pharmacists .....  | 20.94             | 4.3                                   | 20.00       | 20.00     | 20.00   | 20.00   | 20.00   |
| Respiratory therapists .....   | 15.33             | 1.1                                   | 15.20       | 15.20     | 15.20   | 15.20   | 15.45   |
| Occupational therapists .....  | 27.40             | 11.3                                  | 7.75        | 19.22     | 24.35   | 28.43   | 35.27   |
| Physical therapists .....  | 20.76             | 3.6                                   | 20.00       | 20.00     | 20.00   | 20.00   | 21.17   |
| Speech therapists .....  | 25.13             | 8.7                                   | 17.86       | 19.53     | 20.81   | 33.13   | 37.68   |
| Therapists, n.e.c. ....  | 21.52             | 11.6                                  | 13.58       | 18.77     | 24.55   | 24.55   | 24.55   |
| Teachers, college and university .....                                   | 29.59             | 6.1                                   | 15.38       | 19.62     | 24.37   | 34.33   | 45.24   |
| Engineering teachers .....   | 32.42             | 29.0                                  | 10.50       | 11.50     | 36.38   | 49.82   | 49.82   |
| Mathematical science teachers .....                                      | 25.91             | 10.6                                  | 20.75       | 20.75     | 20.80   | 31.56   | 33.13   |
| Computer science teachers .....  | 20.30             | 1.7                                   | 20.00       | 20.00     | 20.00   | 20.00   | 20.00   |
| Medical science teachers .....   | 72.65             | 9.8                                   | 25.12       | 52.14     | 52.14   | 68.69   | 154.27  |
| Health specialties teachers .....  | 23.28             | 16.5                                  | 12.20       | 15.00     | 18.05   | 34.33   | 34.33   |
| Business, commerce, and marketing teachers .....                         | 26.65             | 12.7                                  | 12.44       | 18.75     | 26.63   | 38.17   | 41.72   |
| Art, drama, and music teachers .....                                     | 21.58             | 9.8                                   | 17.03       | 17.03     | 18.50   | 21.17   | 35.00   |
| Physical education teachers .....  | 28.13             | 14.5                                  | 15.02       | 15.45     | 28.50   | 38.43   | 40.91   |
| English teachers .....   | 28.94             | 7.0                                   | 17.03       | 21.35     | 30.66   | 35.29   | 38.43   |
| Foreign language teachers .....  | 25.28             | 20.0                                  | 16.67       | 16.67     | 20.00   | 33.00   | 42.06   |
| Trade and industrial teachers .....                                      | 21.10             | 9.8                                   | 8.95        | 18.05     | 18.05   | 26.17   | 30.74   |
| Teachers, post secondary, subject not specified .....                    | 22.98             | 7.9                                   | 12.50       | 15.96     | 20.51   | 28.77   | 33.00   |
| Teachers, post secondary, n.e.c. ....                                    | 27.97             | 6.1                                   | 14.27       | 18.25     | 25.96   | 34.97   | 41.95   |
| Teachers, except college and university .....                            | 17.29             | 4.1                                   | 6.88        | 8.81      | 13.49   | 23.49   | 35.00   |
| Prekindergarten and kindergarten .....                                   | 23.29             | 7.8                                   | 14.68       | 14.71     | 21.90   | 29.66   | 34.70   |
| Elementary school teachers .....   | 26.77             | 8.7                                   | 14.17       | 18.10     | 25.63   | 33.23   | 39.52   |
| Secondary school teachers .....  | 30.29             | 5.0                                   | 20.24       | 24.11     | 32.06   | 36.84   | 38.99   |
| Teachers, special education .....  | 24.12             | 17.5                                  | 9.14        | 12.33     | 27.63   | 32.75   | 35.20   |
| Teachers, n.e.c. ....  | 19.66             | 9.7                                   | 8.00        | 11.59     | 17.56   | 25.25   | 37.84   |
| Substitute teachers .....  | 9.86              | 3.9                                   | 6.41        | 7.25      | 8.90    | 11.01   | 15.52   |
| Vocational and educational counselors .....                              | 23.61             | 13.5                                  | 14.14       | 17.80     | 22.52   | 26.08   | 41.10   |
| Librarians, archivists, and curators .....                               | 17.79             | 5.0                                   | 12.81       | 16.69     | 16.69   | 17.43   | 25.14   |
| Librarians .....   | 17.73             | 5.1                                   | 12.74       | 16.69     | 16.69   | 17.02   | 25.14   |
| Social scientists and urban planners .....                               | 21.30             | 8.6                                   | 15.79       | 16.58     | 20.43   | 24.03   | 29.23   |
| Psychologists .....  | 21.50             | 8.9                                   | 15.79       | 16.58     | 20.43   | 24.03   | 29.23   |
| Social, recreation, and religious workers .....                          | 14.58             | 5.4                                   | 8.97        | 11.25     | 13.79   | 18.35   | 20.95   |
| Social workers .....   | 15.78             | 6.7                                   | 11.25       | 11.55     | 15.61   | 19.47   | 21.29   |
| Recreation workers .....   | 11.70             | 8.5                                   | 6.67        | 8.37      | 11.36   | 14.26   | 15.76   |
| Lawyers and judges .....   | 26.75             | 11.4                                  | 14.23       | 14.91     | 24.32   | 30.62   | 38.21   |
| Lawyers .....  | 27.17             | 12.5                                  | 14.23       | 14.71     | 24.66   | 30.62   | 38.21   |
| Judges .....   | 23.83             | 25.6                                  | 14.91       | 14.91     | 14.91   | 31.80   | 49.08   |
| Writers, authors, entertainers, athletes, and professionals, n.e.c. .... | 19.19             | 13.7                                  | 8.73        | 9.83      | 15.50   | 23.97   | 34.74   |
| Artists, performers, and related workers, n.e.c. ....                    | 16.74             | 5.1                                   | 14.28       | 15.00     | 15.75   | 16.93   | 20.00   |
| Athletes .....   | 12.15             | 11.6                                  | 5.49        | 9.00      | 11.00   | 15.50   | 15.50   |
| Professional, n.e.c. ....  | 28.08             | 19.4                                  | 8.73        | 13.46     | 27.95   | 33.55   | 53.22   |
| <b>Technical</b> .....   | 14.60             | 6.5                                   | 8.63        | 10.82     | 14.29   | 18.10   | 20.00   |
| Clinical laboratory technologists and technicians .....                  | 15.51             | 5.5                                   | 10.76       | 11.43     | 16.29   | 18.30   | 20.37   |
| Health record technologists and technicians .....                        | 16.93             | 5.4                                   | 10.66       | 16.14     | 18.07   | 18.65   | 18.65   |
| Radiological technicians .....   | 21.37             | 13.9                                  | 14.18       | 14.18     | 23.92   | 26.21   | 27.69   |
| Licensed practical nurses .....  | 13.67             | 4.9                                   | 9.91        | 11.62     | 13.21   | 15.82   | 17.37   |
| Health technologists and technicians, n.e.c. ....                        | 11.09             | 8.5                                   | 6.93        | 7.45      | 10.77   | 13.58   | 16.94   |
| Biological technicians .....   | 9.44              | 4.1                                   | 7.60        | 9.02      | 9.02    | 9.35    | 10.97   |

See footnotes at end of table.

Supplementary table 3.3. **State and local government, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998—Continued**

| Occupation <sup>4</sup>  | Part-time workers |                                       |             |           |         |         |         |
|--|-------------------|---------------------------------------|-------------|-----------|---------|---------|---------|
|  | Hourly earnings   |                                       |             |           |         |         |         |
|  | Mean              | Relative error <sup>5</sup> (percent) | Percentiles |           |         |         |         |
| 10   |                   |                                       | 25          | Median 50 | 75      | 90      |         |
| <b>White collar</b> —Continued                                   |                   |                                       |             |           |         |         |         |
| <b>Professional specialty and technical</b> —Continued           |                   |                                       |             |           |         |         |         |
| Technical—Continued  |                   |                                       |             |           |         |         |         |
| Technical and related, n.e.c. ....                               | \$14.48           | 6.7                                   | \$10.36     | \$11.54   | \$15.56 | \$16.74 | \$16.74 |
| <b>Executive, administrative, and managerial</b> .....           | 20.62             | 7.3                                   | 7.31        | 9.57      | 18.47   | 24.47   | 36.82   |
| Executives, administrators, and managers .....                   | 21.58             | 10.5                                  | 6.92        | 8.88      | 16.77   | 29.49   | 42.79   |
| Legislators .....  | 17.90             | 21.2                                  | 4.38        | 6.92      | 10.00   | 23.08   | 30.29   |
| Administrators and officials, public administration .....        | 24.92             | 18.3                                  | 8.88        | 8.88      | 29.49   | 29.49   | 29.49   |
| Administrators, education and related fields .....               | 31.40             | 15.1                                  | 16.77       | 19.29     | 24.52   | 42.79   | 53.66   |
| Management related .....   | 19.27             | 8.7                                   | 8.92        | 15.00     | 18.73   | 23.14   | 25.82   |
| Personnel, training, and labor relations specialists .....       | 21.53             | 9.8                                   | 15.22       | 17.45     | 24.47   | 24.47   | 24.47   |
| Management related, n.e.c. ....                                  | 14.65             | 12.5                                  | 7.31        | 8.92      | 16.42   | 19.04   | 21.86   |
| <b>Sales</b> .....   | 10.55             | 14.7                                  | 5.82        | 6.96      | 8.90    | 11.30   | 18.67   |
| Cashiers .....   | 8.90              | 5.4                                   | 5.82        | 6.65      | 8.64    | 10.22   | 11.91   |
| <b>Administrative support, including clerical</b> .....          | 10.19             | 2.5                                   | 6.35        | 7.65      | 9.60    | 12.16   | 14.98   |
| Secretaries .....  | 10.32             | 3.8                                   | 7.00        | 8.51      | 9.62    | 11.99   | 14.44   |
| Typists .....  | 10.70             | 5.1                                   | 8.00        | 9.37      | 10.79   | 12.48   | 12.76   |
| Interviewers .....   | 12.24             | 5.4                                   | 9.82        | 11.33     | 12.42   | 13.71   | 13.71   |
| Receptionists .....  | 7.98              | 5.2                                   | 6.00        | 6.46      | 7.67    | 8.75    | 10.25   |
| Information clerks, n.e.c. ....                                  | 12.25             | 12.1                                  | 8.00        | 9.51      | 11.63   | 15.69   | 15.69   |
| Library clerks .....   | 8.99              | 3.2                                   | 5.69        | 6.75      | 8.09    | 11.20   | 12.75   |
| Records clerks, n.e.c. ....                                      | 11.82             | 7.0                                   | 8.53        | 9.23      | 12.51   | 14.22   | 14.22   |
| Bookkeepers, accounting and auditing clerks .....                | 11.48             | 5.5                                   | 9.17        | 9.50      | 12.09   | 12.37   | 14.42   |
| Dispatchers .....  | 10.67             | 10.6                                  | 6.30        | 7.14      | 9.67    | 13.37   | 19.05   |
| Stock and inventory clerks .....                                 | 9.93              | 8.1                                   | 6.35        | 8.68      | 8.68    | 10.97   | 12.79   |
| Eligibility clerks, social welfare .....                         | 9.96              | 7.7                                   | 7.69        | 8.15      | 10.88   | 11.14   | 11.14   |
| General office clerks .....                                      | 9.05              | 6.0                                   | 5.15        | 6.74      | 8.80    | 10.40   | 13.66   |
| Teachers' aides .....  | 10.63             | 4.0                                   | 6.93        | 8.08      | 9.95    | 12.70   | 15.56   |
| Administrative support, n.e.c. ....                              | 10.19             | 7.0                                   | 5.63        | 7.07      | 10.09   | 12.36   | 15.84   |
| <b>Blue collar</b> .....   | 10.89             | 2.0                                   | 6.97        | 8.31      | 10.62   | 12.81   | 15.47   |
| <b>Precision production, craft, and repair</b> .....             | 11.73             | 9.8                                   | 7.72        | 8.27      | 10.73   | 14.67   | 17.22   |
| <b>Machine operators, assemblers, and inspectors</b> .....       | 9.95              | 7.0                                   | 7.78        | 8.16      | 9.69    | 11.28   | 14.17   |
| Laundering and dry cleaning machine operators .....              | 10.47             | 7.7                                   | 7.75        | 8.55      | 10.37   | 11.85   | 14.34   |
| <b>Transportation and material moving</b> .....                  | 11.62             | 2.2                                   | 8.14        | 9.50      | 11.28   | 13.28   | 15.77   |
| Truck drivers .....  | 8.82              | 7.2                                   | 7.00        | 7.49      | 7.66    | 8.00    | 13.50   |
| Bus drivers .....  | 11.65             | 2.2                                   | 8.22        | 9.62      | 11.33   | 13.17   | 15.50   |
| <b>Handlers, equipment cleaners, helpers, and laborers</b> ..... | 7.98              | 4.1                                   | 5.50        | 6.24      | 7.69    | 8.33    | 10.45   |
| Groundskeepers and gardeners, except farm .....                  | 7.74              | 5.3                                   | 5.50        | 6.00      | 7.50    | 8.23    | 8.98    |
| Construction laborers .....                                      | 8.05              | 2.3                                   | 8.00        | 8.00      | 8.00    | 8.00    | 8.96    |
| Laborers, except construction, n.e.c. ....                       | 7.10              | 3.4                                   | 5.30        | 5.96      | 6.92    | 8.18    | 9.00    |
| <b>Service</b> .....   | 8.65              | 1.5                                   | 5.75        | 6.66      | 8.39    | 9.92    | 11.97   |
| Protective service .....   | 9.53              | 3.9                                   | 6.00        | 6.99      | 8.75    | 11.57   | 13.74   |
| Firefighting .....   | 7.15              | 10.1                                  | 5.75        | 5.75      | 6.35    | 7.00    | 9.96    |
| Police and detectives, public service .....                      | 9.95              | 12.0                                  | 6.99        | 6.99      | 9.09    | 10.92   | 17.04   |
| Sheriffs, bailiffs, and other law enforcement officers .....     | 12.49             | 7.7                                   | 7.59        | 10.28     | 12.50   | 13.91   | 15.00   |
| Crossing guards .....  | 8.36              | 4.6                                   | 5.65        | 6.50      | 7.59    | 10.00   | 12.21   |
| Guards and police, except public service .....                   | 10.55             | 4.2                                   | 6.74        | 7.77      | 9.46    | 12.20   | 17.23   |
| Protective service, n.e.c. ....                                  | 9.45              | 7.4                                   | 6.25        | 7.40      | 10.23   | 11.57   | 11.87   |
| Food service .....   | 8.29              | 1.7                                   | 6.00        | 6.75      | 8.08    | 9.39    | 10.98   |
| Cooks .....  | 8.61              | 4.1                                   | 6.31        | 7.07      | 8.43    | 10.09   | 11.74   |
| Food counter, fountain, and related .....                        | 7.90              | 3.9                                   | 5.70        | 6.53      | 7.50    | 9.52    | 10.14   |
| Kitchen workers, food preparation .....                          | 8.39              | 4.5                                   | 6.05        | 6.50      | 7.87    | 9.73    | 11.14   |

See footnotes at end of table.

Supplementary table 3.3. **State and local government, selected occupations: Mean hourly earnings and percentiles,<sup>1</sup> part-time workers,<sup>2</sup> National Compensation Survey,<sup>3</sup> 1998—Continued**

| Occupation <sup>4</sup>                                | Part-time workers |  |             |              |        |        |         |
|--|-------------------|--|-------------|--------------|--------|--------|---------|
|  | Hourly earnings   |  |             |              |        |        |         |
|  | Mean              | Relative error <sup>5</sup><br>(percent) | Percentiles |              |        |        |         |
| 10   |                   |  | 25          | Median<br>50 | 75     | 90     |         |
| <b>Service—Continued</b>                               |                   |  |             |              |        |        |         |
| Food service—Continued                                 |                   |  |             |              |        |        |         |
| Food preparation, n.e.c. ....                          | \$8.20            | 2.5                                      | \$5.83      | \$6.70       | \$8.01 | \$9.17 | \$10.61 |
| Health service .....                                   | 9.42              | 5.1                                      | 5.95        | 8.00         | 9.14   | 10.82  | 12.94   |
| Health aides, except nursing .....                     | 10.24             | 4.7                                      | 8.19        | 8.80         | 10.10  | 12.00  | 12.94   |
| Nursing aides, orderlies and attendants .....          | 9.19              | 6.7                                      | 5.95        | 7.48         | 8.88   | 10.72  | 12.82   |
| Cleaning and building service .....                    | 8.64              | 3.7                                      | 5.84        | 6.53         | 8.30   | 9.82   | 12.58   |
| Maids and housemen .....                               | 11.39             | 7.3                                      | 8.30        | 10.12        | 12.58  | 12.58  | 12.58   |
| Janitors and cleaners .....                            | 8.46              | 3.7                                      | 5.75        | 6.50         | 8.21   | 9.82   | 11.80   |
| Personal service .....                                 | 8.33              | 2.1                                      | 5.56        | 6.50         | 8.00   | 9.40   | 11.40   |
| Supervisors, personal service .....                    | 11.18             | 7.9                                      | 6.50        | 8.00         | 12.31  | 13.59  | 13.59   |
| Attendants, amusement, and recreation facilities ..... | 7.05              | 1.8                                      | 5.33        | 5.67         | 6.50   | 7.77   | 9.85    |
| Guides .....   | 6.82              | 3.7                                      | 6.00        | 6.25         | 6.50   | 7.33   | 8.30    |
| Ushers .....   | 6.33              | 1.7                                      | 5.15        | 6.20         | 6.50   | 6.67   | 6.67    |
| Public transportation attendants .....                 | 9.24              | 5.4                                      | 7.59        | 8.25         | 8.57   | 10.22  | 12.69   |
| Welfare service aides .....                            | 8.48              | 4.1                                      | 6.42        | 7.16         | 8.56   | 9.56   | 11.16   |
| Early childhood teachers' assistants .....             | 8.53              | 4.8                                      | 6.00        | 6.66         | 8.00   | 9.51   | 12.12   |
| Child care workers, n.e.c. ....                        | 8.64              | 3.3                                      | 5.62        | 7.10         | 9.05   | 9.67   | 11.04   |
| Service, n.e.c. ....                                   | 9.24              | 11.1                                     | 5.56        | 6.76         | 7.91   | 9.70   | 11.10   |

<sup>1</sup> Earnings are the 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. The 10th, 25th, 50th, 75th, and 90th percentiles designate position in the earnings distribution. At the 50th percentile, the median, half of the workers receive the same as or more than the rate shown, and half receive the same as or less than the rate shown. At the 25th percentile, one-fourth earn the same as or less than the rate shown. At the 75th percentile, one-fourth earn the same as or more than the rate shown. The 10th and 90th percentiles follow the same logic.

<sup>2</sup> Employees are classified as working either a full-time or a part-time schedule based on the definition used by each establishment. Therefore, a worker with a 35-hour-per-week schedule might be considered a full-time employee in one establishment, but classified as part-time in another firm, where a 40-hour week is the minimum full-time schedule.

<sup>3</sup> This survey covers all 50 States. Collection was conducted between July 1997 and

April 1999. The average reference period was August 1998.

<sup>4</sup> A classification system including about 480 individual occupations is used to cover all workers in the civilian economy. For more information, see appendix B in *National Compensation Survey: Occupational Wages in the United States, 1998*, Bulletin 2529.

<sup>5</sup> The relative standard error (RSE) is the standard error expressed as a percent of the estimate. It can be used to calculate a "confidence interval" around a sample estimate. For more information about RSEs, see appendix A in *National Compensation Survey: Occupational Wages in the United States, 1998*, Bulletin 2529.

NOTE: Overall occupational groups may include data for categories not shown separately and n.e.c. means "not elsewhere classified." Individual and average wage rates were collected in this update survey. A procedure was put into place to "move" the positional statistics where averages were collected. This procedure compares current locality survey data—at the quote level—with the same quote from the prior survey. Individual rates from the prior survey are moved by the average change in mean wages for the occupation.