

# Earnings and Other Characteristics of Organized Workers, May 1980

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U.S. Department of Labor  
Bureau of Labor Statistics  
September 1981

Bulletin 2105

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# Earnings and Other Characteristics of Organized Workers, May 1980

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September 1981

Bulletin 2105

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# Preface

Estimates of labor organization membership and of workers represented by unions and associations presented in this publication are based on information collected by the Bureau of the Census in the May 1980 Current Population Survey and tabulated by the Bureau of Labor Statistics. For purposes of this survey, a labor organization may be either a union or an employee association that engages in collective bargaining.

This bulletin cross-tabulates data on employed wage and salary workers who are members of labor organizations and those who are not members but are represented by labor organizations, by occupation, industry, region, weekly earnings, sex, race, and age.

All estimates in this bulletin are comparable with

those published in *Earnings and Other Characteristics of Organized Workers, May 1977* (BLS Report 556, 1979). The membership estimates in this report are not comparable with those published in the Bureau's biennial *Directory of National Unions and Employee Associations*. The appendix briefly discusses the differences between these studies.

This study was prepared by Larry T. Adams, an economist in the Division of Developments in Labor-Management Relations, under the direction of Alvin Bauman, Chief.

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# Earnings and Other Characteristics of Organized Workers, May 1980

## Summary

Extending into every industrial sector and occupational group in the Nation, labor organizations represented 25.7 percent of the 87.5 million employed private and government wage and salary workers in May 1980 (chart 1 and text table 1). A slightly lower proportion (23.0 percent of the workers) were actual members of labor organizations. About seven-tenths of the 20.1 million members of labor organizations were employed in private enterprises; the remainder worked for Federal, State, and local governments.

In 1980, 42.5 percent of the civilian labor force were women. Nevertheless, they accounted for only 30.1 percent of the employed wage and salary workers in labor organizations in May 1980. In contrast, blacks and other minority races<sup>1</sup> made up 1.7 percent of the civilian noninstitutional labor force, but constituted 14.9 percent of labor organization members in May 1980. Proportionately more black men (33.8 percent) belonged to labor organizations than white men (27.8 percent), but the differences were even greater among women: 24.0 percent for black women and 14.6 percent for white women (text table 2).

Better than half (52.3 percent) of the 22.5 million workers represented by labor organizations were blue-collar workers, 37.7 percent were white-collar workers, and 9.9 percent were service workers. Among the 20.1 million labor organization members, 55.2 percent were blue collar, 34.9 percent were white collar, and 9.7 percent were service workers. For the 2.4 million workers not members of a labor organization but covered by labor agreements, the pattern was different: Only 27.6 percent were blue-collar workers compared to 61.1 percent who were white-collar workers and 11.1 percent who were service workers.

Two of the ten industry groups, manufacturing and service, accounted for more than one-half (32.5 percent and 25.4 percent, respectively) of the workers represented by labor organizations. These two industry

groups accounted for 57.3 percent of workers belonging to labor organizations and 63.2 percent of represented nonmembers. While the service industry accounted for slightly more than one-quarter of the represented workers, it employed 41 percent of the nonmembers covered by a contract.

Of the approximately 4.7 million Hispanic (all races) wage and salary workers in May 1980, 29 percent were represented by a labor organization, compared with 32.1 percent for blacks and 24.9 percent for whites. The greatest number of Hispanics were in blue-collar occupations in manufacturing industries. Second in importance were the service industries. However, agriculture had the largest proportion of Hispanic workers.

Workers represented by labor organizations earned more than those who were not. Their usual weekly earnings exceeded those of workers not represented by \$42 (\$320 compared to \$278). Organized workers in the construction industry had the highest earnings, \$405. Workers in construction who were not represented earned \$121 less. While many factors are involved in worker compensation, collective bargaining through la-

**Text table 1. Distribution of employed wage and salary workers by labor organization affiliation and industry, May 1980**

(Numbers in thousands)

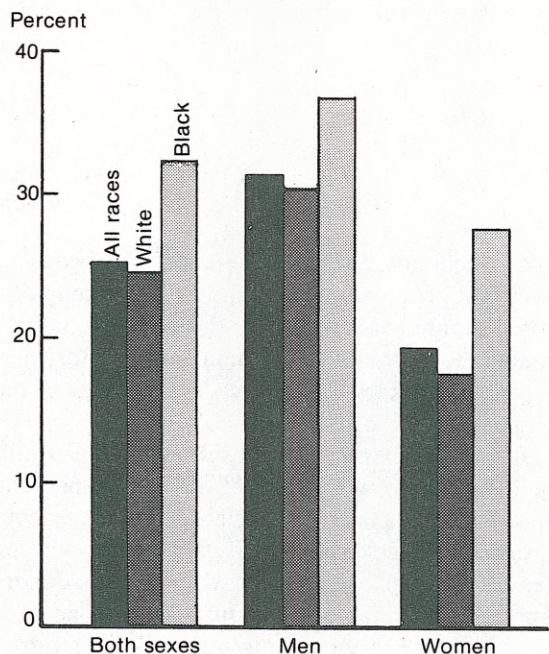
| Membership status                                   | Employed wage and salary workers |                            |                         |
|-----------------------------------------------------|----------------------------------|----------------------------|-------------------------|
|                                                     | Total                            | Nonagricultural industries | Agricultural industries |
| Total .....                                         | 87,480                           | 86,025                     | 1,455                   |
| Members of labor organizations .....                | 20,095                           | 20,044                     | 51                      |
| Nonmembers represented by labor organizations ..... | 2,398                            | 2,394                      | 4                       |
| Nonmembers not represented .....                    | 64,986                           | 63,586                     | 1,400                   |

NOTE: Because of rounding, sums of individual items may not equal totals.

<sup>1</sup> Workers of black and other minority races are referred to as "black workers" in this bulletin. Black persons constituted 85 percent of black and other minority races in the 1980 census.



**Chart 1. Percent of employed wage and salary workers represented by labor organizations, May 1980**



bor organizations is at least partially responsible for the wage difference.

White-collar workers had the smallest earnings gap (7 percent) between those represented and those not represented by a labor organization. The differentials for the other two occupational groups were much larger—26 percent for blue-collar workers and 47 percent for service workers.

### Occupational characteristics

Historically, labor organization has been most highly concentrated among blue-collar workers. In May 1980, 11.8 million workers represented by labor organizations were in this occupational group, nearly 11 million of them employed in the private sector (table 9). Slightly more than 41 percent of all blue-collar workers were represented by labor organizations. The proportions were much lower for white-collar and service workers—only about 18 percent each were represented by labor organizations (table 1).

Among the major groups of blue-collar occupations, transport equipment operatives were the most highly organized with a 47-percent representation rate—followed by operatives (except transport) and craft and kindred workers (both with rates of approximately 42 percent), and nonfarm laborers (35 percent).

Many individual occupations within these groups ex-

ceeded these levels, however; about 63 percent of metal craft workers and machinists were represented, for example. Nearly 86 percent of motor vehicle and equipment operatives were represented by labor organizations, by far the strongest representation among all blue-collar occupations. Among blue-collar nonfarm laborers, a higher proportion (65 percent) of those employed in transportation, communication, and public utilities had labor union representation than in any other industrial sector (table 7).

Although black workers and white workers in the blue-collar occupations were represented at approximately the same rate (about 42 percent), there were significantly different representation rates for these groups of workers in the white-collar and service occupations. While 30 percent of the black workers employed in white-collar occupations were represented by labor organizations, only 17 percent of white workers similarly employed were covered by a collective bargaining agreement. Though the difference was smaller, this relationship was the same in the service occupations, with a representation rate of 22 percent for black workers, compared to 17 percent for white workers. Generally, for both sexes, the representation rate for black workers exceeded that for white workers in each major occupational group.

Of the 2.4 million workers covered by labor contracts who were not members of a union or employee association in May 1980, almost 1.5 million (5 out of 8) were white-collar workers. Although this ratio may seem

**Text table 2. Labor organization status of employed wage and salary workers by sex and race, May 1980**

(Numbers in thousands)

| Membership status                     | All races |         | White  |         | Black  |         |
|---------------------------------------|-----------|---------|--------|---------|--------|---------|
|                                       | Number    | Percent | Number | Percent | Number | Percent |
| <b>TOTAL</b>                          |           |         |        |         |        |         |
| Represented .....                     | 22,493    | 100.0   | 19,176 | 100.0   | 3,317  | 100.0   |
| Members .....                         | 20,095    | 89.3    | 17,099 | 89.2    | 2,996  | 90.3    |
| Nonmembers covered by contracts ..... | 2,398     | 10.7    | 2,077  | 10.8    | 321    | 9.7     |
| <b>MEN</b>                            |           |         |        |         |        |         |
| Represented .....                     | 15,302    | 100.0   | 13,375 | 100.0   | 1,927  | 100.0   |
| Members .....                         | 14,039    | 91.7    | 12,261 | 91.7    | 1,778  | 92.3    |
| Nonmembers covered by contracts ..... | 1,263     | 8.3     | 1,114  | 8.3     | 149    | 7.7     |
| <b>WOMEN</b>                          |           |         |        |         |        |         |
| Represented .....                     | 7,191     | 100.0   | 5,801  | 100.0   | 1,390  | 100.0   |
| Members .....                         | 6,056     | 84.2    | 4,838  | 83.4    | 1,218  | 87.6    |
| Nonmembers covered by contracts ..... | 1,136     | 15.8    | 963    | 16.6    | 173    | 12.4    |

NOTE: Because of rounding, sums of individual items may not equal totals.



large, these employees constituted only 3 percent of all white-collar workers. Among blue-collar and service workers, the comparable figure was 2 percent.

### Industry characteristics

Industries which traditionally employ large numbers of blue-collar workers generally had a higher concentration of workers covered by collective bargaining contracts (tables 4, 7, and 8). Thus, over one-third of all employed wage and salary workers in construction and manufacturing, and over one-half in transportation and public utilities were represented by labor organizations. The railroad industry and the postal service, with 83 percent of the workers covered by collective bargaining agreements, had the highest representation rate. In contrast, 11 percent or less of the employees in agriculture; trade; and finance, insurance, and real estate were represented by labor organizations.

Within manufacturing, however, there was considerable variation in the representation rate. In the primary metals and automobile industries, 63 percent of the employed wage and salary workers were represented, contrasted with 14 percent in instrument manufacturing. Two-fifths of the 2.2 million employed wage and salary workers in public administration were represented in May 1980. Slightly more than 43.4 percent of the 6.1 million wage and salary workers employed by Federal, State, and local governments were represented by a union or employee association.

### Earnings

Primarily because of higher earnings by blue-collar workers, the most highly organized occupational group, usual weekly earnings of workers represented by labor organizations, at \$320, exceeded those of workers not represented by \$42 in May 1980 (table 10). Blue-collar workers averaged \$323, exceeding the average (mean) weekly earnings of their unorganized counterparts by \$67. The widest earnings margins were achieved by workers in skilled occupations in the building trades. Organized construction craft workers, except carpenters, surpassed the average weekly earnings of those not organized by \$131.

Service workers represented by labor organizations accounted for almost one-quarter of all employed full-time service employees, and averaged \$81 a week more than those who were not represented. The smallest earnings differential was among white-collar workers. Those who were covered by a labor agreement had average weekly earnings of \$330, only \$11 more than those not covered. As most high-paying professions have not been significantly organized, professional, technical, and kindred workers represented by labor organizations earned \$22 less than their nonrepresented counterparts.

Workers not represented were more likely to be at the lower end of the earnings scale than those who were represented. Thirty-seven percent of those not represented earned less than \$200 a week compared with 15.2 percent of those who were represented. At the top of the scale, 24.4 percent of those not represented earned at least \$350, compared with 37.0 percent of those represented.

In most industries, usual weekly earnings of workers represented by labor organizations were higher than those of workers not represented (table 11). The widest differentials were found in construction, where average (mean) weekly earnings of workers represented were 42 percent higher than those of workers who were not. Construction, a highly seasonal industry, with usual weekly earnings of \$405; Federal Government, with an average of \$395; and transportation, with an average of \$381, were the highest paying industries for workers represented by a labor organization in 1980.

### Black workers

Blacks made up a larger part of workers represented by a labor organization than their proportion in the total work force might indicate. While they made up 11.8 percent of employed wage and salary workers, they constituted 14.7 percent of those represented by labor organizations. In the white-collar occupations, especially in clerical jobs, black workers were more likely to be represented by labor organizations than white workers. Although 8.8 percent of all clerical workers were black, more than 14.2 percent of the workers represented by labor organizations in these jobs were black (table 16). Among the blue-collar occupations, the percentage of blacks as a proportion of workers represented by labor organizations (13.4 percent) was only slightly higher than the proportion of blacks to all blue-collar workers (12.9 percent).

Contract coverage among black workers exceeded that for whites in most industries. In the durable goods manufacturing group, for example, more than one-half of all employed black wage and salary workers were covered compared to less than two-fifths of white workers.

### Age

Employed wage and salary workers represented by labor organizations had a median age of 37.7 years, 3.9 years older than the median for nonrepresented workers (table 12). The median age of represented workers was essentially the same for each race and sex cross-classification (black male, black female, white male, and white female).

Workers represented by labor organizations were, on average, older than their nonrepresented counterparts



in each of the major occupational groups. Service workers had the widest age differential, 8.8 years. The age differential for blue-collar and white-collar workers was 6.3 and 3.9 years, respectively. With a median age of 39.7 years, represented workers in the service occupations were at least 2 years older than either white-collar or blue-collar workers.

Within the major occupational groups, median age estimates for each cross-classification of race and sex indicated that, generally, represented workers were older than nonrepresented workers.<sup>2</sup>

The age differentials were not as large when measured by industry. The largest differential was in construction, with the median age of represented workers 5.1 years higher than the median for nonrepresented workers of 31.8 years (table 14). Services and manufacturing followed with differentials of 3.4 and 2.8 years, respectively.

### Changes from May 1977 to May 1980

The number of employed wage and salary workers increased by 6.2 million, from 81.3 to 87.5 million, between May 1977 and May 1980. More than 90 percent (5.6 million) of these new jobs were in the white-collar occupations, raising the white-collar proportion of employed wage and salary workers from 49.7 percent in May 1977 to 52.5 percent in May 1980. While both blue-collar and service occupations gained workers during this period, the percentage of workers employed in blue-collar occupations declined to 32.5 percent, with no significant change in the proportion of workers in service occupations.

The number of workers represented by labor organizations rose by 958,000, increasing the total number of workers covered by collective bargaining agreements from 21.5 million in May 1977 to 22.5 million in May 1980. However, the representation rate fell from 26.5 percent to 25.7 percent during the same period. This decrease may be explained, in part, by the shift of workers from blue-collar occupations and manufacturing industries, where representation was high, to white-collar occupations and service industries, where it was low.

<sup>2</sup> Black male white-collar workers and black female service workers were exceptions. While the median age estimates for these two groups were higher for represented workers than nonrepresented workers, the difference was not statistically significant.

Of the 6.1 million wage and salary workers added to the work force between May 1977 and May 1980, approximately 2.2 million workers, or 35 percent, were employed in the service industries. Although the representation rate for the service sector was almost 5 percentage points below the all-industry average of 26.5 percent in May 1977, approximately 35 percent of the 2.2 million additional service workers added to the work force by May 1980 were covered by a contract. As a result, the representation rate for the service sector rose from 21.6 percent in May 1977 to 22.8 percent in May 1980.

Only two other industry groups gained a measurable number of represented workers. In transportation, communications, and public utilities, the number of represented workers increased by 300,000, approximately 51 percent of the 591,000 additional workers employed in this group during the 1977-80 period. The representation rate was unchanged at about 51 percent. The number of represented workers in public administration rose by 251,000, about 64 percent of the 390,000 workers gained between 1977 and 1980. However, the representation rate remained at about 40 percent.

The construction; manufacturing; trade; and finance, insurance, and real estate industry groups accounted for 45 percent of the 6.1 million wage and salary workers added to the work force between 1977 and 1980, yet showed little change in the number of represented workers. The representation rates for the construction and manufacturing industries, therefore, decreased from 37.9 to 33.1 percent and from 37.6 to 34.8 percent, respectively. The representation rates for trade and finance, insurance, and real estate remained at about 11 percent and 5 percent, respectively.

Of the 6.1 million workers gained during the 1977-80 period, approximately 90 percent (5.6 million workers) were employed in white-collar occupations. During this period, the number of represented white-collar employees rose by 1.2 million with the representation rate stable at about 18 percent. The number of employees in service occupations increased by approximately 461,000 with no change in the number of represented workers. The service occupation representation rate did not change significantly. The blue-collar occupations showed no measurable change in wage and salary workers, represented workers, or representation rate.



**Table 1. Employed wage and salary workers represented by labor organizations<sup>1</sup> by occupation, sex, and race, May 1980**

(Numbers in thousands)

| Occupation of current job                                                    | Total     |        |                 | Men       |        |                 | Women     |       |                 |
|------------------------------------------------------------------------------|-----------|--------|-----------------|-----------|--------|-----------------|-----------|-------|-----------------|
|                                                                              | All races | White  | Black and other | All races | White  | Black and other | All races | White | Black and other |
|                                                                              | Number    |        |                 |           |        |                 |           |       |                 |
| All occupations <sup>2</sup> .....                                           | 22,493    | 19,176 | 3,317           | 15,302    | 13,375 | 1,927           | 7,191     | 5,801 | 1,390           |
| White-collar occupations .....                                               | 8,483     | 7,281  | 1,201           | 3,923     | 3,490  | 433             | 4,560     | 3,792 | 768             |
| Professional, technical, and kindred workers .....                           | 3,997     | 3,501  | 496             | 1,836     | 1,666  | 170             | 2,161     | 1,835 | 327             |
| Engineers .....                                                              | 148       | 139    | 8               | 142       | 134    | 8               | 6         | 6     | --              |
| Physicians, dentists, and related practitioners .....                        | 41        | 34     | 7               | 35        | 31     | 4               | 6         | 3     | 3               |
| Health workers, except practitioners .....                                   | 418       | 334    | 84              | 63        | 45     | 18              | 355       | 290   | 66              |
| Teachers, except college .....                                               | 2,022     | 1,809  | 214             | 671       | 639    | 32              | 1,351     | 1,170 | 182             |
| Engineering and science technicians .....                                    | 252       | 217    | 34              | 208       | 179    | 29              | 44        | 39    | 5               |
| Other professional-salaried .....                                            | 1,116     | 967    | 149             | 718       | 640    | 78              | 398       | 327   | 71              |
| Managers and administrators, except farm .....                               | 868       | 781    | 86              | 697       | 641    | 56              | 171       | 140   | 30              |
| Salaried-manufacturing .....                                                 | 95        | 91     | 4               | 87        | 83     | 4               | 8         | 8     | --              |
| Salaried-other industries .....                                              | 773       | 690    | 83              | 610       | 558    | 53              | 163       | 132   | 30              |
| Clerical and kindred workers .....                                           | 3,365     | 2,775  | 589             | 1,272     | 1,078  | 194             | 2,093     | 1,698 | 395             |
| Bookkeepers .....                                                            | 118       | 101    | 17              | 24        | 19     | 4               | 94        | 82    | 13              |
| Office-machine operators .....                                               | 175       | 131    | 44              | 59        | 41     | 18              | 116       | 90    | 27              |
| Stenographers, typists, and secretaries .....                                | 569       | 481    | 88              | 24        | 18     | 6               | 545       | 464   | 82              |
| Other clerical workers .....                                                 | 2,503     | 2,062  | 440             | 1,166     | 1,000  | 166             | 1,337     | 1,062 | 275             |
| Sales workers .....                                                          | 253       | 224    | 30              | 118       | 105    | 13              | 135       | 119   | 16              |
| Sales workers in retail trade .....                                          | 143       | 124    | 19              | 45        | 39     | 6               | 98        | 85    | 13              |
| Other sales workers .....                                                    | 110       | 100    | 10              | 73        | 66     | 7               | 37        | 34    | 3               |
| Blue-collar workers .....                                                    | 11,763    | 10,195 | 1,568           | 10,059    | 8,816  | 1,243           | 1,704     | 1,379 | 326             |
| Craft and kindred workers .....                                              | 4,571     | 4,198  | 373             | 4,433     | 4,078  | 355             | 138       | 120   | 18              |
| Carpenters .....                                                             | 284       | 269    | 15              | 282       | 268    | 15              | 1         | 1     | --              |
| Construction craft workers, except carpenters .....                          | 1,116     | 1,021  | 95              | 1,103     | 1,009  | 93              | 13        | 12    | 1               |
| Supervisors, n.e.c. ....                                                     | 369       | 326    | 42              | 356       | 318    | 37              | 13        | 8     | 5               |
| Machinists and job setters .....                                             | 397       | 363    | 34              | 392       | 359    | 32              | 5         | 3     | 2               |
| Metal crafts workers, except mechanics,<br>machinists, and job setters ..... | 423       | 390    | 33              | 412       | 381    | 31              | 11        | 9     | 2               |
| Mechanics-auto .....                                                         | 223       | 194    | 29              | 223       | 194    | 29              | --        | --    | --              |
| Mechanics, except auto .....                                                 | 773       | 720    | 52              | 754       | 705    | 49              | 19        | 15    | 4               |
| All other crafts workers .....                                               | 988       | 915    | 73              | 913       | 844    | 69              | 75        | 71    | 5               |
| Operatives, except transport .....                                           | 4,229     | 3,529  | 700             | 2,872     | 2,440  | 433             | 1,357     | 1,089 | 268             |
| Mine workers .....                                                           | 113       | 107    | 6               | 109       | 103    | 6               | 3         | 3     | --              |
| Motor vehicles and equipment .....                                           | 315       | 248    | 66              | 259       | 210    | 49              | 56        | 38    | 18              |
| Other durable goods .....                                                    | 1,917     | 1,613  | 305             | 1,379     | 1,176  | 203             | 538       | 437   | 101             |
| Nondurable goods .....                                                       | 1,320     | 1,093  | 227             | 692       | 576    | 116             | 628       | 516   | 112             |
| All other .....                                                              | 565       | 468    | 96              | 433       | 374    | 58              | 132       | 94    | 38              |

See footnotes at end of table.



**Table 1. Continued—Employed wage and salary workers represented by labor organizations<sup>1</sup> by occupation, sex, and race, May 1980**

(Numbers in thousands)

| Occupation of current job                             | Total     |       |                  | Men       |                  |                  | Women            |                  |                  |
|-------------------------------------------------------|-----------|-------|------------------|-----------|------------------|------------------|------------------|------------------|------------------|
|                                                       | All races | White | Black and other  | All races | White            | Black and other  | All races        | White            | Black and other  |
| Number—Continued                                      |           |       |                  |           |                  |                  |                  |                  |                  |
| Transport equipment operatives .....                  | 1,514     | 1,277 | 237              | 1,423     | 1,203            | 221              | 91               | 74               | 17               |
| Drivers and delivery workers .....                    | 1,168     | 984   | 184              | 1,090     | 920              | 170              | 78               | 63               | 15               |
| All other .....                                       | 346       | 293   | 53               | 333       | 282              | 51               | 13               | 11               | 2                |
| Nonfarm laborers .....                                | 1,448     | 1,191 | 258              | 1,331     | 1,096            | 235              | 118              | 95               | 23               |
| Construction .....                                    | 265       | 215   | 49               | 264       | 214              | 49               | 1                | 1                | -                |
| Manufacturing .....                                   | 436       | 362   | 74               | 383       | 316              | 67               | 53               | 46               | 7                |
| All other nonfarm laborers .....                      | 747       | 613   | 134              | 684       | 565              | 119              | 63               | 48               | 15               |
| Service workers, including private household .....    | 2,221     | 1,682 | 540              | 1,296     | 1,051            | 245              | 925              | 631              | 294              |
| Private household workers .....                       | 4         | 2     | 2                | -         | -                | -                | 4                | 2                | 2                |
| Cleaning service .....                                | 644       | 449   | 194              | 433       | 324              | 109              | 210              | 125              | 85               |
| Food service .....                                    | 426       | 343   | 82               | 158       | 126              | 32               | 267              | 217              | 50               |
| Health service .....                                  | 363       | 208   | 154              | 72        | 39               | 33               | 291              | 170              | 121              |
| Personal service .....                                | 164       | 128   | 37               | 61        | 49               | 12               | 104              | 79               | 25               |
| Protective service .....                              | 621       | 551   | 70               | 572       | 513              | 59               | 50               | 38               | 11               |
| Percent of employed wage and salary workers           |           |       |                  |           |                  |                  |                  |                  |                  |
| All occupations <sup>2</sup> .....                    | 25.7      | 24.9  | 32.1             | 31.0      | 30.3             | 36.6             | 18.9             | 17.5             | 27.4             |
| White-collar occupations .....                        | 18.5      | 17.4  | 29.6             | 18.9      | 18.1             | 29.5             | 18.1             | 16.8             | 29.6             |
| Professional, technical, and kindred workers .....    | 27.7      | 26.8  | 36.0             | 23.6      | 23.2             | 28.6             | 32.5             | 31.3             | 41.6             |
| Engineers .....                                       | 10.6      | 10.6  | ( <sup>a</sup> ) | 10.5      | 10.5             | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) |
| Physicians, dentists, and related practitioners ..... | 9.6       | 8.6   | ( <sup>a</sup> ) | 9.4       | 8.9              | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) |
| Health workers, except practitioners .....            | 20.1      | 18.2  | 33.4             | 24.8      | 22.2             | ( <sup>a</sup> ) | 19.4             | 17.8             | 32.9             |
| Teachers, except college .....                        | 61.8      | 61.7  | 62.5             | 71.2      | 71.8             | ( <sup>a</sup> ) | 58.0             | 57.3             | 63.0             |
| Engineering and science technicians .....             | 22.7      | 21.7  | 31.5             | 22.7      | 21.7             | 32.0             | 22.7             | 22.0             | ( <sup>a</sup> ) |
| Other professional-salaried .....                     | 18.2      | 17.3  | 26.3             | 18.1      | 17.5             | 25.9             | 18.2             | 17.0             | 26.7             |
| Managers and administrators, except farm .....        | 9.7       | 9.2   | 19.5             | 10.5      | 10.1             | 20.9             | 7.3              | 6.5              | 17.4             |
| Salaried—manufacturing .....                          | 5.9       | 5.8   | ( <sup>a</sup> ) | 6.1       | 5.9              | ( <sup>a</sup> ) | 4.6              | 4.8              | ( <sup>a</sup> ) |
| Salaried—other industries .....                       | 10.5      | 9.9   | 20.4             | 11.7      | 11.3             | 21.7             | 7.6              | 6.7              | 18.5             |
| Clerical and kindred workers .....                    | 19.2      | 17.9  | 29.9             | 36.4      | 35.8             | 39.6             | 14.9             | 13.5             | 26.7             |
| Bookkeepers .....                                     | 7.2       | 6.5   | 18.2             | 15.4      | 13.8             | ( <sup>a</sup> ) | 6.3              | 5.8              | 15.8             |
| Office-machine operators .....                        | 17.6      | 16.3  | 22.6             | 21.9      | 19.6             | ( <sup>a</sup> ) | 16.0             | 15.2             | 19.4             |
| Stenographers, typists, and secretaries .....         | 11.8      | 11.0  | 21.2             | 30.1      | ( <sup>a</sup> ) | ( <sup>a</sup> ) | 11.5             | 10.7             | 20.6             |
| Other clerical workers .....                          | 24.9      | 23.5  | 34.7             | 38.9      | 38.5             | 41.4             | 18.9             | 17.2             | 31.6             |
| Sales workers .....                                   | 5.0       | 4.7   | 10.9             | 4.2       | 3.9              | 11.3             | 6.0              | 5.7              | 10.5             |
| Sales workers in retail trade .....                   | 5.4       | 5.0   | 10.4             | 4.4       | 4.1              | ( <sup>a</sup> ) | 6.0              | 5.6              | 11.1             |
| Other sales workers .....                             | 4.6       | 4.3   | 11.9             | 4.0       | 3.8              | ( <sup>a</sup> ) | 6.1              | 6.0              | ( <sup>a</sup> ) |

See footnotes at end of table.



**Table 1. Continued—Employed wage and salary workers represented by labor organizations<sup>1</sup> by occupation, sex, and race, May 1980**

(Numbers in thousands)

| Occupation of current job                                                    | Total     |       |                  | Men              |                  |                  | Women            |                  |                  |
|------------------------------------------------------------------------------|-----------|-------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                                                                              | All races | White | Black and other  | All races        | White            | Black and other  | All races        | White            | Black and other  |
| Percent of employed wage and salary workers—Continued                        |           |       |                  |                  |                  |                  |                  |                  |                  |
| Blue-collar workers .....                                                    | 41.4      | 41.2  | 42.6             | 43.6             | 43.5             | 44.4             | 31.9             | 30.9             | 37.0             |
| Craft and kindred workers .....                                              | 41.2      | 41.4  | 39.2             | 42.3             | 42.4             | 40.5             | 23.0             | 22.9             | 23.9             |
| Carpenters .....                                                             | 33.9      | 34.8  | ( <sup>3</sup> ) | 34.3             | 35.0             | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Construction craft workers, except carpenters .....                          | 50.4      | 51.7  | 39.7             | 50.4             | 51.8             | 39.3             | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Supervisors, n.e.c. ....                                                     | 21.6      | 20.9  | 29.5             | 23.0             | 22.4             | 30.8             | 8.1              | 5.7              | ( <sup>3</sup> ) |
| Machinists and job setters .....                                             | 56.9      | 56.7  | ( <sup>3</sup> ) | 58.2             | 58.0             | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Metal crafts workers, except mechanics,<br>machinists, and job setters ..... | 63.1      | 62.8  | ( <sup>3</sup> ) | 63.7             | 63.3             | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Mechanics—auto .....                                                         | 24.0      | 22.9  | 35.2             | 24.2             | 23.0             | 36.2             | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Mechanics, except auto .....                                                 | 39.9      | 40.2  | 35.6             | 39.9             | 40.3             | 34.2             | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| All other crafts workers .....                                               | 47.1      | 47.5  | 42.6             | 50.8             | 50.9             | 49.5             | 25.2             | 26.6             | ( <sup>3</sup> ) |
| Operatives, except transport .....                                           | 42.4      | 42.0  | 44.3             | 48.4             | 48.0             | 50.5             | 33.6             | 32.8             | 37.0             |
| Mine workers .....                                                           | 41.1      | 41.6  | ( <sup>3</sup> ) | 41.4             | 41.7             | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Motor vehicles and equipment .....                                           | 85.8      | 85.3  | 87.9             | 87.1             | 85.5             | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Other durable goods .....                                                    | 46.8      | 46.1  | 50.5             | 53.6             | 53.4             | 55.2             | 35.2             | 33.8             | 43.0             |
| Nondurable goods .....                                                       | 40.8      | 41.0  | 40.1             | 51.4             | 51.2             | 52.5             | 33.2             | 33.5             | 32.1             |
| All other .....                                                              | 28.1      | 27.7  | 30.5             | 29.6             | 29.7             | 29.3             | 24.1             | 21.9             | 32.4             |
| Transport equipment operatives .....                                         | 46.9      | 47.0  | 46.9             | 48.2             | 48.5             | 46.3             | 33.5             | 30.7             | ( <sup>3</sup> ) |
| Drivers and delivery workers .....                                           | 43.0      | 42.6  | 45.1             | 44.2             | 44.1             | 44.6             | 30.9             | 28.3             | ( <sup>3</sup> ) |
| All other .....                                                              | 68.2      | 71.7  | 54.0             | 68.4             | 72.2             | 53.0             | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Nonfarm laborers .....                                                       | 35.1      | 34.2  | 40.3             | 36.0             | 35.3             | 39.9             | 27.5             | 25.2             | ( <sup>3</sup> ) |
| Construction .....                                                           | 34.4      | 33.3  | 40.2             | 34.8             | 33.8             | 40.2             | ( <sup>3</sup> ) | ( <sup>3</sup> ) | -                |
| Manufacturing .....                                                          | 52.2      | 52.8  | 49.2             | 54.1             | 55.3             | 48.9             | 41.7             | 40.5             | ( <sup>3</sup> ) |
| All other nonfarm laborers .....                                             | 29.7      | 28.5  | 36.6             | 30.7             | 29.8             | 36.0             | 22.0             | 19.1             | ( <sup>3</sup> ) |
| Service workers, including private household .....                           | 18.4      | 17.4  | 22.2             | 27.6             | 27.5             | 28.3             | 12.5             | 10.8             | 18.8             |
| Private household workers .....                                              | .4        | .2    | .6               | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | .4               | .2               | .7               |
| Cleaning service .....                                                       | 27.8      | 27.1  | 29.5             | 30.5             | 30.5             | 30.4             | 23.5             | 21.0             | 28.5             |
| Food service .....                                                           | 9.7       | 9.0   | 13.9             | 11.0             | 10.5             | 13.8             | 9.1              | 8.4              | 14.0             |
| Health service .....                                                         | 19.4      | 15.1  | 32.1             | 31.7             | 26.6             | 40.9             | 17.7             | 13.7             | 30.3             |
| Personal service .....                                                       | 15.1      | 14.2  | 19.4             | 21.1             | 19.9             | ( <sup>3</sup> ) | 12.9             | 12.0             | 16.9             |
| Protective service .....                                                     | 43.9      | 43.9  | 43.8             | 44.8             | 45.0             | 43.6             | 35.6             | 33.5             | ( <sup>3</sup> ) |

<sup>1</sup> Includes members and nonmembers in bargaining units.

<sup>2</sup> Includes farm workers not shown separately.

<sup>3</sup> Base less than 75,000.

NOTE: Due to rounding, sums of individual items may not equal totals. Dashes (-) indicate no workers in cell.



**Table 2. Employed wage and salary workers in labor organizations<sup>1</sup> by occupation, sex, and race, May 1980**

(Numbers in thousands)

| Occupation of current job                                                    | Total     |        |                 | Men       |        |                 | Women     |       |                 |
|------------------------------------------------------------------------------|-----------|--------|-----------------|-----------|--------|-----------------|-----------|-------|-----------------|
|                                                                              | All races | White  | Black and other | All races | White  | Black and other | All races | White | Black and other |
|                                                                              | Number    |        |                 |           |        |                 |           |       |                 |
| All occupations <sup>2</sup> .....                                           | 20,095    | 17,099 | 2,996           | 14,039    | 12,261 | 1,778           | 6,056     | 4,838 | 1,218           |
| White-collar occupations .....                                               | 7,017     | 5,998  | 1,019           | 3,314     | 2,943  | 371             | 3,703     | 3,054 | 649             |
| Professional, technical, and kindred workers .....                           | 3,272     | 2,866  | 406             | 1,513     | 1,382  | 131             | 1,760     | 1,485 | 275             |
| Engineers .....                                                              | 108       | 103    | 4               | 104       | 100    | 4               | 4         | 4     | -               |
| Physicians, dentists, and related practitioners .....                        | 35        | 28     | 7               | 30        | 26     | 4               | 5         | 2     | 3               |
| Health workers, except practitioners .....                                   | 342       | 271    | 70              | 56        | 41     | 14              | 286       | 230   | 56              |
| Teachers, except college .....                                               | 1,688     | 1,514  | 174             | 572       | 547    | 25              | 1,115     | 967   | 148             |
| Engineering and science technicians .....                                    | 209       | 179    | 30              | 169       | 145    | 24              | 40        | 34    | 5               |
| Other professional-salaried .....                                            | 891       | 770    | 121             | 581       | 522    | 59              | 310       | 248   | 62              |
| Managers and administrators, except farm .....                               | 681       | 605    | 76              | 558       | 510    | 49              | 123       | 95    | 28              |
| Salaried-manufacturing .....                                                 | 57        | 53     | 4               | 53        | 50     | 4               | 4         | 4     | -               |
| Salaried-other industries .....                                              | 624       | 552    | 73              | 505       | 460    | 45              | 119       | 92    | 28              |
| Clerical and kindred workers .....                                           | 2,857     | 2,344  | 513             | 1,149     | 970    | 179             | 1,707     | 1,374 | 333             |
| Bookkeepers .....                                                            | 83        | 72     | 11              | 15        | 13     | 3               | 68        | 59    | 9               |
| Office-machine operators .....                                               | 145       | 105    | 40              | 51        | 33     | 18              | 95        | 72    | 22              |
| Stenographers, typists, and secretaries .....                                | 425       | 359    | 66              | 16        | 10     | 6               | 409       | 349   | 59              |
| Other clerical workers .....                                                 | 2,203     | 1,808  | 396             | 1,067     | 914    | 153             | 1,136     | 894   | 243             |
| Sales workers .....                                                          | 207       | 182    | 24              | 93        | 82     | 11              | 113       | 100   | 13              |
| Sales workers in retail trade .....                                          | 125       | 111    | 14              | 40        | 36     | 4               | 85        | 75    | 10              |
| Other sales workers .....                                                    | 82        | 72     | 10              | 53        | 46     | 7               | 29        | 26    | 3               |
| Blue-collar workers .....                                                    | 11,101    | 9,617  | 1,484           | 9,545     | 8,364  | 1,181           | 1,557     | 1,254 | 303             |
| Craft and kindred workers .....                                              | 4,308     | 3,953  | 354             | 4,190     | 3,850  | 340             | 118       | 104   | 14              |
| Carpenters .....                                                             | 276       | 261    | 15              | 275       | 260    | 15              | 1         | 1     | -               |
| Construction craft workers, except carpenters .....                          | 1,076     | 984    | 92              | 1,065     | 974    | 91              | 11        | 10    | 1               |
| Supervisors, n.e.c. ....                                                     | 288       | 247    | 41              | 278       | 241    | 36              | 10        | 5     | 5               |
| Machinists and job setters .....                                             | 381       | 350    | 31              | 376       | 347    | 29              | 5         | 3     | 2               |
| Metal crafts workers, except mechanics,<br>machinists, and job setters ..... | 411       | 380    | 31              | 400       | 371    | 29              | 11        | 9     | 2               |
| Mechanics-auto .....                                                         | 208       | 179    | 29              | 208       | 179    | 29              | -         | -     | -               |
| Mechanics, except auto .....                                                 | 729       | 679    | 50              | 713       | 667    | 46              | 16        | 12    | 4               |
| All other crafts workers .....                                               | 939       | 873    | 66              | 875       | 810    | 65              | 63        | 63    | 1               |
| Operatives, except transport .....                                           | 3,990     | 3,328  | 662             | 2,733     | 2,323  | 409             | 1,257     | 1,004 | 252             |
| Mine workers .....                                                           | 104       | 100    | 5               | 101       | 97     | 5               | 3         | 3     | -               |
| Motor vehicles and equipment .....                                           | 312       | 246    | 66              | 258       | 209    | 49              | 54        | 36    | 18              |
| Other durable goods .....                                                    | 1,802     | 1,516  | 285             | 1,312     | 1,120  | 192             | 489       | 396   | 93              |
| Nondurable goods .....                                                       | 1,244     | 1,029  | 214             | 658       | 549    | 109             | 586       | 480   | 106             |
| All other .....                                                              | 528       | 436    | 91              | 403       | 347    | 55              | 125       | 89    | 36              |

See footnotes at end of table.



Table 2. Continued—Employed wage and salary workers in labor organizations<sup>1</sup> by occupation, sex, and race, May 1980

(Numbers in thousands)

| Occupation of current job                             | Total     |       |                  | Men       |                  |                  | Women            |                  |                  |
|-------------------------------------------------------|-----------|-------|------------------|-----------|------------------|------------------|------------------|------------------|------------------|
|                                                       | All races | White | Black and other  | All races | White            | Black and other  | All races        | White            | Black and other  |
| Number—Continued                                      |           |       |                  |           |                  |                  |                  |                  |                  |
| Transport equipment operatives .....                  | 1,439     | 1,211 | 228              | 1,367     | 1,156            | 211              | 72               | 55               | 17               |
| Drivers and delivery workers .....                    | 1,104     | 926   | 178              | 1,042     | 878              | 164              | 62               | 48               | 15               |
| All other .....                                       | 335       | 285   | 50               | 325       | 278              | 48               | 10               | 8                | 2                |
| Nonfarm laborers .....                                | 1,365     | 1,125 | 240              | 1,255     | 1,035            | 220              | 110              | 90               | 20               |
| Construction .....                                    | 254       | 207   | 47               | 253       | 206              | 47               | 1                | 1                | —                |
| Manufacturing .....                                   | 420       | 351   | 70               | 369       | 307              | 62               | 51               | 44               | 7                |
| All other nonfarm laborers .....                      | 691       | 568   | 123              | 633       | 523              | 111              | 58               | 45               | 12               |
| Service workers, including private household .....    | 1,954     | 1,469 | 485              | 1,160     | 940              | 221              | 794              | 530              | 264              |
| Private household workers .....                       | 2         | —     | 2                | —         | —                | —                | 2                | —                | 2                |
| Cleaning service .....                                | 573       | 398   | 175              | 385       | 285              | 101              | 188              | 114              | 74               |
| Food service .....                                    | 369       | 296   | 72               | 141       | 113              | 28               | 227              | 183              | 44               |
| Health service .....                                  | 310       | 169   | 141              | 59        | 31               | 28               | 252              | 138              | 113              |
| Personal service .....                                | 134       | 105   | 29               | 54        | 45               | 9                | 79               | 60               | 20               |
| Protective service .....                              | 566       | 501   | 65               | 520       | 466              | 54               | 46               | 35               | 11               |
| Percent of employed wage and salary workers           |           |       |                  |           |                  |                  |                  |                  |                  |
| All occupations <sup>2</sup> .....                    | 23.0      | 22.2  | 29.0             | 28.4      | 27.8             | 33.8             | 15.9             | 14.6             | 24.0             |
| White-collar occupations .....                        | 15.3      | 14.3  | 25.1             | 16.0      | 15.3             | 25.2             | 14.7             | 13.5             | 25.0             |
| Professional, technical, and kindred workers .....    | 22.7      | 22.0  | 29.4             | 19.4      | 19.2             | 22.2             | 26.5             | 25.3             | 34.9             |
| Engineers .....                                       | 7.7       | 7.8   | ( <sup>3</sup> ) | 7.7       | 7.8              | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Physicians, dentists, and related practitioners ..... | 8.3       | 7.2   | ( <sup>3</sup> ) | 8.3       | 7.7              | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Health workers, except practitioners .....            | 16.4      | 14.8  | 27.9             | 21.9      | 20.4             | ( <sup>3</sup> ) | 15.6             | 14.1             | 28.0             |
| Teachers, except college .....                        | 51.6      | 51.7  | 50.9             | 60.7      | 61.5             | ( <sup>3</sup> ) | 47.9             | 47.4             | 51.4             |
| Engineering and science technicians .....             | 18.8      | 17.9  | 27.1             | 18.5      | 17.6             | 26.8             | 20.4             | 19.6             | ( <sup>3</sup> ) |
| Other professional-salaried .....                     | 14.5      | 13.8  | 21.4             | 14.7      | 14.3             | 19.6             | 14.2             | 12.9             | 23.4             |
| Managers and administrators, except farm .....        | 7.6       | 7.1   | 17.3             | 8.4       | 8.0              | 18.1             | 5.3              | 4.4              | 16.0             |
| Salaried-manufacturing .....                          | 3.5       | 3.4   | ( <sup>3</sup> ) | 3.7       | 3.5              | ( <sup>3</sup> ) | 2.2              | 2.3              | ( <sup>3</sup> ) |
| Salaried-other industries .....                       | 8.5       | 7.9   | 18.0             | 9.7       | 9.3              | 18.6             | 5.5              | 4.6              | 17.0             |
| Clerical and kindred workers .....                    | 16.3      | 15.1  | 26.0             | 32.9      | 32.3             | 36.7             | 12.2             | 11.0             | 22.5             |
| Bookkeepers .....                                     | 5.0       | 4.6   | 12.3             | 10.1      | 9.2              | ( <sup>3</sup> ) | 4.5              | 4.2              | 11.0             |
| Office-machine operators .....                        | 14.6      | 13.1  | 20.4             | 18.8      | 15.6             | ( <sup>3</sup> ) | 13.0             | 12.2             | 16.3             |
| Stenographers, typists, and secretaries .....         | 8.8       | 8.2   | 15.9             | 20.7      | ( <sup>3</sup> ) | ( <sup>3</sup> ) | 8.6              | 8.1              | 15.0             |
| Other clerical workers .....                          | 21.9      | 20.6  | 31.2             | 35.6      | 35.2             | 38.2             | 16.1             | 14.4             | 28.0             |
| Sales workers .....                                   | 4.1       | 3.8   | 9.0              | 3.3       | 3.0              | 9.7              | 5.1              | 4.8              | 8.5              |
| Sales workers in retail trade .....                   | 4.7       | 4.5   | 7.7              | 4.0       | 3.8              | ( <sup>3</sup> ) | 5.2              | 4.9              | 8.4              |
| Other sales workers .....                             | 3.4       | 3.1   | 11.9             | 2.9       | 2.6              | ( <sup>3</sup> ) | 4.7              | 4.5              | ( <sup>3</sup> ) |

See footnotes at end of table.



**Table 2. Continued—Employed wage and salary workers in labor organizations<sup>1</sup> by occupation, sex, and race, May 1980**

(Numbers in thousands)

| Occupation of current job                                                    | Total     |                  |                  | Men              |                  |                  | Women            |                  |                  |
|------------------------------------------------------------------------------|-----------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                                                                              | All races | White            | Black and other  | All races        | White            | Black and other  | All races        | White            | Black and other  |
| Percent of employed wage and salary workers—Continued                        |           |                  |                  |                  |                  |                  |                  |                  |                  |
| Blue-collar workers .....                                                    | 39.1      | 38.9             | 40.3             | 41.4             | 41.3             | 42.2             | 29.1             | 28.1             | 34.4             |
| Craft and kindred workers .....                                              | 38.9      | 39.0             | 37.2             | 40.0             | 40.1             | 38.8             | 19.7             | 19.8             | 18.7             |
| Carpenters .....                                                             | 33.0      | 33.8             | ( <sup>3</sup> ) | 33.3             | 33.9             | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Construction craft workers, except carpenters .....                          | 48.7      | 49.9             | 38.7             | 48.7             | 50.0             | 38.3             | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Supervisors, n.e.c. ....                                                     | 16.9      | 15.8             | 28.7             | 18.0             | 17.0             | 29.9             | 6.4              | 3.8              | ( <sup>3</sup> ) |
| Machinists and job setters .....                                             | 54.6      | 54.8             | ( <sup>3</sup> ) | 55.9             | 56.0             | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Metal crafts workers, except mechanics,<br>machinists, and job setters ..... | 61.3      | 61.1             | ( <sup>3</sup> ) | 61.9             | 61.7             | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Mechanics—auto .....                                                         | 22.4      | 21.2             | 35.2             | 22.6             | 21.3             | 36.2             | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Mechanics, except auto .....                                                 | 37.6      | 37.9             | 33.9             | 37.7             | 38.1             | 32.5             | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| All other crafts workers .....                                               | 44.8      | 45.4             | 38.1             | 48.7             | 48.9             | 46.8             | 21.1             | 23.5             | ( <sup>3</sup> ) |
| Operatives, except transport .....                                           | 40.0      | 39.6             | 41.9             | 46.0             | 45.7             | 47.8             | 31.1             | 30.3             | 34.9             |
| Mine workers .....                                                           | 38.1      | 39.0             | ( <sup>3</sup> ) | 38.4             | 39.1             | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Motor vehicles and equipment .....                                           | 85.0      | 84.3             | 87.9             | 87.0             | 85.3             | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Other durable goods .....                                                    | 44.0      | 43.4             | 47.2             | 51.0             | 50.9             | 52.1             | 32.0             | 30.7             | 39.6             |
| Nondurable goods .....                                                       | 38.4      | 38.6             | 37.8             | 48.9             | 48.8             | 49.3             | 31.0             | 31.1             | 30.5             |
| All other .....                                                              | 26.3      | 25.8             | 29.0             | 27.6             | 27.5             | 27.8             | 22.9             | 20.7             | 31.0             |
| Transport equipment operatives .....                                         | 44.6      | 44.5             | 45.1             | 46.3             | 46.7             | 44.4             | 26.4             | 22.8             | ( <sup>3</sup> ) |
| Drivers and delivery workers .....                                           | 40.6      | 40.1             | 43.8             | 42.2             | 42.1             | 43.1             | 24.7             | 21.3             | ( <sup>3</sup> ) |
| All other .....                                                              | 66.1      | 69.8             | 50.6             | 66.8             | 71.1             | 49.4             | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Nonfarm laborers .....                                                       | 33.1      | 32.3             | 37.4             | 34.0             | 33.3             | 37.3             | 25.6             | 23.9             | ( <sup>3</sup> ) |
| Construction .....                                                           | 32.9      | 31.9             | 38.2             | 33.4             | 32.4             | 38.2             | ( <sup>3</sup> ) | ( <sup>3</sup> ) | -                |
| Manufacturing .....                                                          | 50.3      | 51.1             | 46.4             | 52.1             | 53.6             | 45.8             | 40.0             | 38.5             | ( <sup>3</sup> ) |
| All other nonfarm laborers .....                                             | 27.5      | 26.4             | 33.5             | 28.4             | 27.5             | 33.5             | 20.1             | 18.1             | ( <sup>3</sup> ) |
| Service workers, including private household .....                           | 16.2      | 15.2             | 20.0             | 24.7             | 24.6             | 25.4             | 10.8             | 9.1              | 16.9             |
| Private household workers .....                                              | .2        | ( <sup>3</sup> ) | .6               | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | .2               | ( <sup>3</sup> ) | .7               |
| Cleaning service .....                                                       | 24.7      | 24.0             | 26.6             | 27.1             | 26.8             | 28.1             | 21.0             | 19.1             | 24.8             |
| Food service .....                                                           | 8.4       | 7.8              | 12.3             | 9.8              | 9.4              | 12.2             | 7.7              | 7.1              | 12.3             |
| Health service .....                                                         | 16.6      | 12.2             | 29.4             | 25.9             | 21.1             | 34.6             | 15.4             | 11.2             | 28.3             |
| Personal service .....                                                       | 12.3      | 11.6             | 15.1             | 18.8             | 18.4             | ( <sup>3</sup> ) | 9.9              | 9.1              | 13.4             |
| Protective service .....                                                     | 40.0      | 39.9             | 40.9             | 40.8             | 40.9             | 40.1             | 32.8             | 30.2             | ( <sup>3</sup> ) |

<sup>1</sup> Limited to workers who identified themselves as union or employee association members.

<sup>2</sup> Includes farm workers not shown separately.

<sup>3</sup> Base less than 75,000.

NOTE: Due to rounding, sums of individual items may not equal totals. Dashes (-) indicate no workers in cell.



**Table 3. Nonmember employed wage and salary workers covered by labor contracts by occupation, sex, and race, May 1980**

(Numbers in thousands)

| Occupation of current job                                                    | Total     |       |                 | Men              |                  |                 | Women            |                  |                  |
|------------------------------------------------------------------------------|-----------|-------|-----------------|------------------|------------------|-----------------|------------------|------------------|------------------|
|                                                                              | All races | White | Black and other | All races        | White            | Black and other | All races        | White            | Black and other  |
| Nonmembers covered by contracts                                              |           |       |                 |                  |                  |                 |                  |                  |                  |
| All occupations <sup>1</sup> .....                                           | 2,398     | 2,077 | 321             | 1,263            | 1,114            | 149             | 1,136            | 963              | 173              |
| White-collar occupations .....                                               | 1,466     | 1,284 | 182             | 609              | 546              | 62              | 857              | 737              | 120              |
| Professional, technical, and kindred workers .....                           | 725       | 634   | 90              | 323              | 285              | 38              | 402              | 350              | 52               |
| Engineers .....                                                              | 40        | 36    | 4               | 38               | 34               | 4               | 2                | 2                | -                |
| Physicians, dentists, and related practitioners .....                        | 6         | 6     | -               | 4                | 4                | -               | 1                | 1                | -                |
| Health workers, except practitioners .....                                   | 77        | 63    | 14              | 7                | 4                | 4               | 69               | 59               | 10               |
| Teachers, except college .....                                               | 335       | 295   | 40              | 99               | 92               | 7               | 236              | 203              | 33               |
| Engineering and science technicians .....                                    | 43        | 38    | 5               | 38               | 34               | 5               | 4                | 4                | ( <sup>2</sup> ) |
| Other professional-salaried .....                                            | 225       | 197   | 28              | 137              | 118              | 19              | 88               | 80               | 9                |
| Managers and administrators, except farm .....                               | 186       | 176   | 10              | 139              | 131              | 7               | 48               | 45               | 3                |
| Salaried-manufacturing .....                                                 | 38        | 38    | -               | 33               | 33               | -               | 4                | 4                | -                |
| Salaried-other industries .....                                              | 149       | 139   | 10              | 105              | 98               | 7               | 43               | 41               | 3                |
| Clerical and kindred workers .....                                           | 508       | 432   | 76              | 122              | 108              | 14              | 386              | 324              | 62               |
| Bookkeepers .....                                                            | 35        | 29    | 6               | 8                | 6                | 2               | 27               | 23               | 4                |
| Office-machine operators .....                                               | 30        | 26    | 4               | 8                | 8                | -               | 22               | 17               | 4                |
| Stenographers, typists, and secretaries .....                                | 144       | 122   | 22              | 7                | 7                | -               | 137              | 115              | 22               |
| Other clerical workers .....                                                 | 299       | 255   | 45              | 99               | 86               | 13              | 201              | 169              | 32               |
| Sales workers .....                                                          | 46        | 41    | 5               | 24               | 23               | 2               | 22               | 19               | 3                |
| Sales workers in retail trade .....                                          | 18        | 13    | 5               | 5                | 3                | 2               | 13               | 10               | 3                |
| Other sales workers .....                                                    | 29        | 29    | -               | 20               | 20               | -               | 9                | 9                | -                |
| Blue-collar workers .....                                                    | 662       | 577   | 84              | 514              | 452              | 62              | 147              | 125              | 23               |
| Craft and kindred workers .....                                              | 264       | 245   | 19              | 244              | 229              | 15              | 20               | 16               | 4                |
| Carpenters .....                                                             | 8         | 8     | -               | 8                | 8                | -               | -                | -                | -                |
| Construction craft workers, except carpenters .....                          | 39        | 37    | 2               | 37               | 35               | 2               | 2                | 2                | -                |
| Supervisors, n.e.c. ....                                                     | 81        | 80    | 1               | 78               | 77               | 1               | 3                | 3                | -                |
| Machinists and job setters .....                                             | 15        | 12    | 3               | 15               | 12               | 3               | -                | -                | -                |
| Metal crafts workers, except mechanics,<br>machinists, and job setters ..... | 12        | 10    | 2               | 12               | 10               | 2               | -                | -                | -                |
| Mechanics-auto .....                                                         | 15        | 15    | -               | 15               | 15               | -               | -                | -                | -                |
| Mechanics, except auto .....                                                 | 44        | 41    | 2               | 41               | 38               | 2               | 3                | 3                | -                |
| All other crafts workers .....                                               | 50        | 42    | 8               | 38               | 34               | 4               | 12               | 8                | 4                |
| Operatives, except transport .....                                           | 240       | 201   | 39              | 139              | 116              | 23              | 100              | 85               | 16               |
| Mine workers .....                                                           | 8         | 7     | 2               | 8                | 6                | 2               | ( <sup>2</sup> ) | ( <sup>2</sup> ) | -                |
| Motor vehicles and equipment .....                                           | 3         | 3     | -               | ( <sup>2</sup> ) | ( <sup>2</sup> ) | -               | 2                | 2                | -                |
| Other durable goods .....                                                    | 116       | 96    | 20              | 67               | 55               | 11              | 49               | 41               | 8                |
| Nondurable goods .....                                                       | 76        | 63    | 13              | 34               | 27               | 7               | 42               | 36               | 6                |
| All other .....                                                              | 37        | 32    | 5               | 30               | 27               | 3               | 7                | 5                | 2                |

See footnotes at end of table.



**Table 3. Continued—Nonmember employed wage and salary workers covered by labor contracts by occupation, sex, and race, May 1980**

(Numbers in thousands)

| Occupation of current job                             | Total     |       |                  | Men       |                  |                  | Women            |                  |                  |
|-------------------------------------------------------|-----------|-------|------------------|-----------|------------------|------------------|------------------|------------------|------------------|
|                                                       | All races | White | Black and other  | All races | White            | Black and other  | All races        | White            | Black and other  |
| Nonmembers covered by contracts—Continued             |           |       |                  |           |                  |                  |                  |                  |                  |
| Transport equipment operatives .....                  | 75        | 66    | 9                | 56        | 47               | 9                | 19               | 19               | -                |
| Drivers and delivery workers .....                    | 64        | 58    | 6                | 48        | 43               | 6                | 16               | 16               | -                |
| All other .....                                       | 11        | 8     | 3                | 7         | 4                | 3                | 4                | 4                | -                |
| Nonfarm laborers .....                                | 83        | 65    | 18               | 76        | 61               | 15               | 8                | 5                | 3                |
| Construction .....                                    | 11        | 9     | 2                | 11        | 9                | 2                | ( <sup>a</sup> ) | ( <sup>a</sup> ) | -                |
| Manufacturing .....                                   | 16        | 12    | 4                | 14        | 9                | 4                | 2                | 2                | -                |
| All other nonfarm laborers .....                      | 56        | 45    | 11               | 51        | 43               | 8                | 5                | 2                | 3                |
| Service workers, including private household .....    | 267       | 212   | 55               | 136       | 111              | 25               | 131              | 101              | 30               |
| Private household workers .....                       | 2         | 2     | -                | -         | -                | -                | 2                | 2                | -                |
| Cleaning service .....                                | 70        | 51    | 19               | 48        | 40               | 8                | 22               | 11               | 11               |
| Food service .....                                    | 57        | 47    | 10               | 17        | 13               | 4                | 40               | 34               | 6                |
| Health service .....                                  | 52        | 39    | 13               | 13        | 8                | 5                | 39               | 31               | 8                |
| Personal service .....                                | 31        | 23    | 8                | 7         | 4                | 3                | 24               | 19               | 5                |
| Protective service .....                              | 55        | 51    | 5                | 51        | 47               | 5                | 4                | 4                | -                |
| Percent of employed wage and salary workers           |           |       |                  |           |                  |                  |                  |                  |                  |
| All occupations <sup>1</sup> .....                    | 2.7       | 2.7   | 3.1              | 2.6       | 2.5              | 2.8              | 3.0              | 2.9              | 3.4              |
| White-collar occupations .....                        | 3.2       | 3.1   | 4.5              | 2.9       | 2.8              | 4.2              | 3.4              | 3.3              | 4.6              |
| Professional, technical, and kindred workers .....    | 5.0       | 4.9   | 6.6              | 4.1       | 4.0              | 6.5              | 6.0              | 6.0              | 6.6              |
| Engineers .....                                       | 2.9       | 2.7   | ( <sup>a</sup> ) | 2.8       | 2.6              | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) |
| Physicians, dentists, and related practitioners ..... | 1.3       | 1.4   | ( <sup>a</sup> ) | 1.1       | 1.2              | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) |
| Health workers, except practitioners .....            | 3.7       | 3.4   | 5.5              | 2.9       | 1.8              | ( <sup>a</sup> ) | 3.8              | 3.6              | 5.0              |
| Teachers, except college .....                        | 10.2      | 10.1  | 11.7             | 10.5      | 10.4             | ( <sup>a</sup> ) | 10.1             | 9.9              | 11.6             |
| Engineering and science technicians .....             | 3.9       | 3.8   | 4.4              | 4.2       | 4.1              | 5.2              | 2.2              | 2.4              | ( <sup>a</sup> ) |
| Other professional-salaried .....                     | 3.7       | 3.5   | 4.9              | 3.4       | 3.2              | 6.3              | 4.0              | 4.1              | 3.3              |
| Managers and administrators, except farm .....        | 2.1       | 2.1   | 2.2              | 2.1       | 2.1              | 2.8              | 2.0              | 2.1              | 1.4              |
| Salaried—manufacturing .....                          | 2.4       | 2.4   | ( <sup>a</sup> ) | 2.3       | 2.4              | ( <sup>a</sup> ) | 2.4              | 2.6              | ( <sup>a</sup> ) |
| Salaried—other industries .....                       | 2.0       | 2.0   | 2.5              | 2.0       | 2.0              | 3.1              | 2.0              | 2.1              | 1.5              |
| Clerical and kindred workers .....                    | 2.9       | 2.8   | 3.9              | 3.5       | 3.6              | 3.0              | 2.8              | 2.6              | 4.2              |
| Bookkeepers .....                                     | 2.1       | 1.9   | 5.9              | 5.3       | 4.6              | ( <sup>a</sup> ) | 1.8              | 1.6              | 4.9              |
| Office-machine operators .....                        | 3.0       | 3.2   | 2.1              | 3.1       | 4.0              | ( <sup>a</sup> ) | 3.0              | 2.9              | 3.1              |
| Stenographers, typists, and secretaries .....         | 3.0       | 2.8   | 5.4              | 9.4       | ( <sup>a</sup> ) | ( <sup>a</sup> ) | 2.9              | 2.6              | 5.6              |
| Other clerical workers .....                          | 3.0       | 2.9   | 3.5              | 3.3       | 3.3              | 3.2              | 2.8              | 2.7              | 3.7              |
| Sales workers .....                                   | .9        | .9    | 1.9              | .9        | .8               | 1.6              | 1.0              | .9               | 2.1              |
| Sales workers in retail trade .....                   | .7        | .5    | 2.8              | .4        | .3               | ( <sup>a</sup> ) | .8               | .7               | 2.7              |
| Other sales workers .....                             | 1.2       | 1.2   | ( <sup>a</sup> ) | 1.1       | 1.1              | ( <sup>a</sup> ) | 1.4              | 1.5              | ( <sup>a</sup> ) |

See footnotes at end of table.



**Table 3. Continued—Nonmember employed wage and salary workers covered by labor contracts by occupation, sex, and race, May 1980**

(Numbers in thousands)

| Occupation of current job                                                    | Total     |       |                  | Men              |                  |                  | Women            |                  |                  |
|------------------------------------------------------------------------------|-----------|-------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                                                                              | All races | White | Black and other  | All races        | White            | Black and other  | All races        | White            | Black and other  |
| Percent of employed wage and salary workers—Continued                        |           |       |                  |                  |                  |                  |                  |                  |                  |
| Blue-collar workers .....                                                    | 2.3       | 2.3   | 2.3              | 2.2              | 2.2              | 2.2              | 2.8              | 2.8              | 2.6              |
| Craft and kindred workers .....                                              | 2.4       | 2.4   | 2.0              | 2.3              | 2.4              | 1.7              | 3.3              | 3.1              | 5.3              |
| Carpenters .....                                                             | .9        | 1.0   | ( <sup>3</sup> ) | .9               | 1.0              | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Construction craft workers, except carpenters .....                          | 1.8       | 1.9   | 1.0              | 1.7              | 1.8              | 1.0              | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Supervisors, n.e.c. ....                                                     | 4.7       | 5.1   | .8               | 5.1              | 5.4              | .9               | 1.6              | 1.9              | ( <sup>3</sup> ) |
| Machinists and job setters .....                                             | 2.2       | 1.9   | ( <sup>3</sup> ) | 2.3              | 2.0              | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Metal crafts workers, except mechanics,<br>machinists, and job setters ..... | 1.8       | 1.6   | ( <sup>3</sup> ) | 1.9              | 1.7              | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Mechanics—auto .....                                                         | 1.6       | 1.7   | ( <sup>3</sup> ) | 1.6              | 1.7              | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Mechanics, except auto .....                                                 | 2.2       | 2.3   | 1.7              | 2.1              | 2.2              | 1.7              | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| All other crafts workers .....                                               | 2.4       | 2.2   | 4.5              | 2.1              | 2.0              | 2.7              | 4.1              | 3.1              | ( <sup>3</sup> ) |
| Operatives, except transport .....                                           | 2.4       | 2.4   | 2.4              | 2.3              | 2.3              | 2.7              | 2.5              | 2.6              | 2.2              |
| Mine workers .....                                                           | 3.0       | 2.6   | ( <sup>3</sup> ) | 3.0              | 2.6              | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Motor vehicles and equipment .....                                           | .8        | 1.0   | ( <sup>3</sup> ) | .1               | .2               | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Other durable goods .....                                                    | 2.8       | 2.7   | 3.2              | 2.6              | 2.5              | 3.1              | 3.2              | 3.2              | 3.5              |
| Nondurable goods .....                                                       | 2.4       | 2.4   | 2.3              | 2.5              | 2.4              | 3.2              | 2.2              | 2.4              | 1.7              |
| All other .....                                                              | 1.8       | 1.9   | 1.5              | 2.1              | 2.1              | 1.5              | 1.2              | 1.2              | 1.4              |
| Transport equipment operatives .....                                         | 2.3       | 2.4   | 1.8              | 1.9              | 1.9              | 1.9              | 7.1              | 7.9              | ( <sup>3</sup> ) |
| Drivers and delivery workers .....                                           | 2.4       | 2.5   | 1.4              | 2.0              | 2.0              | 1.5              | 6.2              | 7.0              | ( <sup>3</sup> ) |
| All other .....                                                              | 2.2       | 1.9   | 3.5              | 1.5              | 1.0              | 3.6              | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Nonfarm laborers .....                                                       | 2.0       | 1.9   | 2.8              | 2.0              | 2.0              | 2.5              | 1.8              | 1.3              | ( <sup>3</sup> ) |
| Construction .....                                                           | 1.5       | 1.4   | 2.0              | 1.5              | 1.4              | 2.0              | ( <sup>3</sup> ) | ( <sup>3</sup> ) | -                |
| Manufacturing .....                                                          | 1.9       | 1.7   | 2.8              | 1.9              | 1.7              | 3.1              | 1.7              | 1.9              | ( <sup>3</sup> ) |
| All other nonfarm laborers .....                                             | 2.2       | 2.1   | 3.1              | 2.3              | 2.2              | 2.5              | 1.9              | 1.0              | ( <sup>3</sup> ) |
| Service workers, including private household .....                           | 2.2       | 2.2   | 2.3              | 2.9              | 2.9              | 2.8              | 1.8              | 1.7              | 1.9              |
| Private household workers .....                                              | .2        | .2    | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | .2               | .2               | ( <sup>3</sup> ) |
| Cleaning service .....                                                       | 3.0       | 3.1   | 2.9              | 3.4              | 3.7              | 2.3              | 2.5              | 1.9              | 3.7              |
| Food service .....                                                           | 1.3       | 1.2   | 1.6              | 1.2              | 1.1              | 1.6              | 1.4              | 1.3              | 1.7              |
| Health service .....                                                         | 2.8       | 2.8   | 2.7              | 5.8              | 5.5              | 6.3              | 2.4              | 2.5              | 2.0              |
| Personal service .....                                                       | 2.8       | 2.5   | 4.3              | 2.3              | 1.5              | ( <sup>3</sup> ) | 3.0              | 2.9              | 3.6              |
| Protective service .....                                                     | 3.9       | 4.0   | 2.9              | 4.0              | 4.1              | 3.5              | 2.8              | 3.4              | ( <sup>3</sup> ) |

<sup>1</sup> Includes farm workers not shown separately.

<sup>2</sup> Fewer than 500 workers.

<sup>3</sup> Base less than 75,000.

NOTE: Due to rounding, sums of individual items may not equal totals. Dashes (-) indicate no workers in cell.



**Table 4. Employed wage and salary workers represented by labor organizations<sup>1</sup> by industry, sex, and race, May 1980**

(Numbers in thousands)

| Industry of current job                                   | Total     |        |                 | Men       |        |                 | Women     |       |                 |
|-----------------------------------------------------------|-----------|--------|-----------------|-----------|--------|-----------------|-----------|-------|-----------------|
|                                                           | All races | White  | Black and other | All races | White  | Black and other | All races | White | Black and other |
|                                                           | Number    |        |                 |           |        |                 |           |       |                 |
| All industries .....                                      | 22,493    | 19,176 | 3,317           | 15,302    | 13,375 | 1,927           | 7,191     | 5,801 | 1,390           |
| Agriculture .....                                         | 55        | 47     | 9               | 45        | 39     | 6               | 10        | 8     | 2               |
| Mining .....                                              | 314       | 296    | 18              | 301       | 287    | 14              | 13        | 9     | 3               |
| Construction .....                                        | 1,651     | 1,496  | 156             | 1,622     | 1,470  | 153             | 29        | 26    | 3               |
| Manufacturing, total .....                                | 7,309     | 6,296  | 1,013           | 5,671     | 4,945  | 725             | 1,638     | 1,351 | 287             |
| Durable goods, total .....                                | 4,720     | 4,087  | 632             | 3,864     | 3,392  | 473             | 855       | 696   | 160             |
| Ordnance .....                                            | 86        | 78     | 9               | 67        | 62     | 6               | 19        | 16    | 3               |
| Lumber .....                                              | 113       | 100    | 13              | 90        | 79     | 11              | 22        | 21    | 2               |
| Furniture .....                                           | 132       | 122    | 10              | 109       | 102    | 7               | 23        | 19    | 4               |
| Stone, clay, and glass .....                              | 305       | 243    | 62              | 258       | 216    | 42              | 47        | 27    | 21              |
| Primary metals .....                                      | 712       | 604    | 108             | 666       | 569    | 98              | 45        | 35    | 10              |
| Fabricated metals .....                                   | 530       | 467    | 63              | 459       | 406    | 53              | 71        | 61    | 10              |
| Machinery, except electrical .....                        | 851       | 784    | 67              | 749       | 691    | 58              | 102       | 93    | 9               |
| Electrical equipment .....                                | 672       | 577    | 95              | 397       | 347    | 50              | 275       | 230   | 45              |
| Transportation equipment .....                            | 1,135     | 952    | 183             | 964       | 824    | 140             | 171       | 128   | 43              |
| Automobiles .....                                         | 600       | 506    | 95              | 521       | 449    | 72              | 79        | 57    | 23              |
| Aircraft .....                                            | 341       | 285    | 56              | 269       | 231    | 38              | 72        | 54    | 18              |
| Other transportation equipment .....                      | 194       | 162    | 32              | 174       | 144    | 30              | 20        | 18    | 2               |
| Instruments .....                                         | 90        | 87     | 3               | 55        | 53     | 1               | 35        | 34    | 2               |
| Miscellaneous .....                                       | 93        | 74     | 19              | 49        | 42     | 7               | 44        | 32    | 12              |
| Nondurable goods .....                                    | 2,589     | 2,209  | 380             | 1,806     | 1,554  | 253             | 783       | 655   | 128             |
| Food .....                                                | 670       | 566    | 104             | 532       | 451    | 81              | 137       | 115   | 22              |
| Tobacco .....                                             | 21        | 13     | 8               | 13        | 8      | 5               | 8         | 4     | 3               |
| Textiles .....                                            | 140       | 119    | 22              | 84        | 72     | 12              | 57        | 47    | 10              |
| Apparel .....                                             | 353       | 282    | 71              | 74        | 56     | 18              | 279       | 226   | 53              |
| Paper .....                                               | 380       | 332    | 48              | 323       | 280    | 43              | 57        | 52    | 5               |
| Printing .....                                            | 308       | 274    | 34              | 239       | 209    | 30              | 69        | 64    | 5               |
| Chemicals .....                                           | 352       | 311    | 41              | 285       | 255    | 30              | 67        | 56    | 11              |
| Petroleum .....                                           | 79        | 66     | 13              | 75        | 62     | 13              | 4         | 4     | -               |
| Rubber and plastics .....                                 | 223       | 196    | 27              | 158       | 140    | 19              | 64        | 56    | 9               |
| Leather and not specified manufacturing .....             | 64        | 52     | 11              | 23        | 21     | 2               | 40        | 31    | 9               |
| Transportation, communication, and public utilities ..... | 3,113     | 2,683  | 430             | 2,456     | 2,159  | 297             | 657       | 525   | 132             |
| Railroads .....                                           | 479       | 429    | 50              | 451       | 403    | 48              | 28        | 26    | 2               |
| Other transportation .....                                | 1,201     | 1,021  | 180             | 1,036     | 890    | 146             | 165       | 131   | 35              |
| Communication .....                                       | 776       | 660    | 116             | 395       | 356    | 38              | 381       | 303   | 78              |
| Other public utilities .....                              | 657       | 574    | 83              | 574       | 509    | 65              | 82        | 64    | 18              |
| Trades .....                                              | 1,896     | 1,634  | 262             | 1,241     | 1,066  | 175             | 656       | 568   | 88              |
| Wholesale .....                                           | 432       | 354    | 78              | 376       | 307    | 70              | 55        | 47    | 9               |
| Retail .....                                              | 1,465     | 1,281  | 184             | 865       | 760    | 105             | 600       | 521   | 79              |
| Eating and drinking places .....                          | 212       | 180    | 32              | 106       | 93     | 13              | 107       | 87    | 20              |
| Other retail .....                                        | 1,252     | 1,101  | 152             | 759       | 666    | 92              | 493       | 434   | 59              |

See footnotes at end of table.



**Table 4. Continued—Employed wage and salary workers represented by labor organizations<sup>1</sup> by industry, sex, and race, May 1980**

(Numbers in thousands)

| Industry of current job                           | Total     |       |                 | Men       |       |                 | Women     |       |                 |
|---------------------------------------------------|-----------|-------|-----------------|-----------|-------|-----------------|-----------|-------|-----------------|
|                                                   | All races | White | Black and other | All races | White | Black and other | All races | White | Black and other |
| Number—Continued                                  |           |       |                 |           |       |                 |           |       |                 |
| Finance, insurance, and real estate .....         | 250       | 198   | 51              | 144       | 115   | 30              | 105       | 84    | 22              |
| Banking and other finance .....                   | 67        | 51    | 16              | 30        | 23    | 7               | 37        | 28    | 9               |
| Insurance and real estate .....                   | 183       | 148   | 35              | 114       | 92    | 22              | 68        | 56    | 13              |
| Services .....                                    | 5,719     | 4,702 | 1,017           | 2,235     | 1,926 | 309             | 3,484     | 2,776 | 708             |
| Private household service .....                   | 9         | 7     | 2               | 2         | 2     | -               | 7         | 5     | 2               |
| Miscellaneous services .....                      | 5,710     | 4,695 | 1,015           | 2,234     | 1,924 | 309             | 3,477     | 2,771 | 706             |
| Business and repair .....                         | 332       | 275   | 56              | 246       | 206   | 40              | 85        | 69    | 16              |
| Personal services, except private household ..... | 238       | 172   | 67              | 119       | 97    | 22              | 120       | 75    | 45              |
| Entertainment and recreation .....                | 140       | 130   | 10              | 91        | 84    | 7               | 50        | 46    | 4               |
| Professional services .....                       | 5,000     | 4,118 | 882             | 1,778     | 1,537 | 240             | 3,222     | 2,581 | 641             |
| Medical, except hospitals .....                   | 336       | 248   | 87              | 96        | 81    | 15              | 239       | 167   | 72              |
| Hospitals .....                                   | 841       | 547   | 294             | 240       | 147   | 93              | 601       | 400   | 201             |
| Welfare and religious .....                       | 246       | 171   | 75              | 85        | 62    | 23              | 161       | 109   | 52              |
| Educational .....                                 | 3,421     | 3,011 | 410             | 1,248     | 1,144 | 103             | 2,174     | 1,867 | 307             |
| Other professional services .....                 | 156       | 141   | 15              | 109       | 103   | 6               | 47        | 38    | 9               |
| Forestry and fisheries .....                      | 14        | 13    | 1               | 11        | 10    | 1               | 3         | 3     | -               |
| Public administration .....                       | 2,172     | 1,810 | 361             | 1,575     | 1,358 | 217             | 597       | 452   | 145             |
| Federal, except postal .....                      | 488       | 371   | 117             | 317       | 255   | 62              | 171       | 116   | 55              |
| Postal .....                                      | 570       | 447   | 123             | 455       | 373   | 82              | 115       | 74    | 40              |
| State .....                                       | 309       | 279   | 30              | 194       | 182   | 12              | 116       | 97    | 18              |
| Local .....                                       | 805       | 714   | 92              | 609       | 549   | 60              | 196       | 165   | 31              |

See footnotes at end of table.



Table 4. Continued—Employed wage and salary workers represented by labor organizations<sup>1</sup> by industry, sex, and race, May 1980

(Numbers in thousands)

| Industry of current job                                   | Total                                       |                  |                  | Men              |                  |                  | Women            |                  |                  |
|-----------------------------------------------------------|---------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                                                           | All races                                   | White            | Black and other  | All races        | White            | Black and other  | All races        | White            | Black and other  |
|                                                           | Percent of employed wage and salary workers |                  |                  |                  |                  |                  |                  |                  |                  |
| All industries .....                                      | 25.7                                        | 24.9             | 32.1             | 31.0             | 30.3             | 36.6             | 18.9             | 17.5             | 27.4             |
| Agriculture .....                                         | 3.8                                         | 3.7              | 4.4              | 4.0              | 3.9              | 4.2              | 3.2              | 2.9              | ( <sup>2</sup> ) |
| Mining .....                                              | 35.2                                        | 35.5             | ( <sup>2</sup> ) | 39.1             | 39.4             | ( <sup>2</sup> ) | 10.5             | 9.0              | ( <sup>2</sup> ) |
| Construction .....                                        | 33.1                                        | 33.0             | 34.6             | 35.5             | 35.5             | 35.7             | 7.0              | 6.7              | ( <sup>2</sup> ) |
| Manufacturing, total .....                                | 34.8                                        | 33.8             | 42.7             | 39.6             | 38.5             | 48.4             | 24.7             | 23.4             | 32.8             |
| Durable goods, total .....                                | 37.6                                        | 36.5             | 47.3             | 41.5             | 40.6             | 50.2             | 26.4             | 24.4             | 40.4             |
| Ordnance .....                                            | 36.9                                        | 35.4             | ( <sup>2</sup> ) | 37.8             | 36.3             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Lumber .....                                              | 20.9                                        | 22.5             | 13.3             | 19.7             | 21.2             | 12.9             | 28.0             | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Furniture .....                                           | 28.6                                        | 29.4             | ( <sup>2</sup> ) | 34.2             | 35.3             | ( <sup>2</sup> ) | 16.1             | 15.6             | ( <sup>2</sup> ) |
| Stone, clay, and glass .....                              | 49.4                                        | 45.2             | 77.0             | 50.8             | 48.2             | ( <sup>2</sup> ) | 42.6             | 30.0             | ( <sup>2</sup> ) |
| Primary metals .....                                      | 60.5                                        | 59.0             | 71.1             | 64.2             | 62.9             | 72.8             | 33.0             | 29.3             | ( <sup>2</sup> ) |
| Fabricated metals .....                                   | 39.0                                        | 38.1             | 47.3             | 44.1             | 43.5             | 49.3             | 22.5             | 20.9             | ( <sup>2</sup> ) |
| Machinery, except electrical .....                        | 30.6                                        | 30.1             | 39.1             | 33.9             | 33.2             | 44.4             | 18.0             | 17.6             | ( <sup>2</sup> ) |
| Electrical equipment .....                                | 30.1                                        | 29.4             | 35.0             | 31.2             | 30.7             | 35.5             | 28.6             | 27.7             | 34.4             |
| Transportation equipment .....                            | 55.9                                        | 53.9             | 69.3             | 58.1             | 56.1             | 73.4             | 45.9             | 42.8             | ( <sup>2</sup> ) |
| Automobiles .....                                         | 63.1                                        | 60.6             | 81.0             | 65.0             | 62.5             | 87.1             | 52.5             | 48.5             | ( <sup>2</sup> ) |
| Aircraft .....                                            | 50.4                                        | 48.4             | 63.9             | 54.0             | 51.8             | ( <sup>2</sup> ) | 40.4             | 37.7             | ( <sup>2</sup> ) |
| Other transportation equipment .....                      | 48.1                                        | 47.1             | ( <sup>2</sup> ) | 48.5             | 47.5             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Instruments .....                                         | 14.5                                        | 15.1             | ( <sup>2</sup> ) | 15.4             | 16.3             | ( <sup>2</sup> ) | 13.3             | 13.6             | ( <sup>2</sup> ) |
| Miscellaneous .....                                       | 18.8                                        | 16.9             | ( <sup>2</sup> ) | 18.4             | 17.4             | ( <sup>2</sup> ) | 19.2             | 16.3             | ( <sup>2</sup> ) |
| Nondurable goods .....                                    | 30.7                                        | 29.9             | 36.6             | 35.9             | 34.7             | 45.4             | 23.0             | 22.4             | 26.5             |
| Food .....                                                | 40.0                                        | 38.4             | 51.8             | 45.0             | 42.8             | 63.3             | 28.0             | 27.4             | ( <sup>2</sup> ) |
| Tobacco .....                                             | ( <sup>2</sup> )                            | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Textiles .....                                            | 17.9                                        | 18.2             | 16.4             | 19.5             | 20.4             | 15.5             | 15.9             | 15.6             | ( <sup>2</sup> ) |
| Apparel .....                                             | 27.2                                        | 26.5             | 30.4             | 24.6             | 22.8             | ( <sup>2</sup> ) | 28.0             | 27.6             | 29.7             |
| Paper .....                                               | 50.6                                        | 49.0             | ( <sup>2</sup> ) | 55.6             | 53.6             | ( <sup>2</sup> ) | 33.5             | 33.4             | ( <sup>2</sup> ) |
| Printing .....                                            | 21.5                                        | 20.9             | 27.2             | 28.2             | 27.0             | ( <sup>2</sup> ) | 11.8             | 12.1             | ( <sup>2</sup> ) |
| Chemicals .....                                           | 28.4                                        | 28.1             | 30.8             | 31.1             | 31.3             | 30.1             | 20.6             | 19.2             | ( <sup>2</sup> ) |
| Petroleum .....                                           | 35.9                                        | 33.9             | ( <sup>2</sup> ) | 41.9             | 38.7             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Rubber and plastics .....                                 | 32.2                                        | 31.9             | 34.3             | 34.5             | 33.4             | ( <sup>2</sup> ) | 27.6             | 28.7             | ( <sup>2</sup> ) |
| Leather and not specified manufacturing .....             | 23.1                                        | 20.5             | ( <sup>2</sup> ) | 26.1             | 24.0             | ( <sup>2</sup> ) | 21.6             | 18.7             | ( <sup>2</sup> ) |
| Transportation, communication, and public utilities ..... | 51.5                                        | 50.3             | 60.6             | 54.7             | 54.0             | 60.0             | 42.2             | 39.0             | 62.1             |
| Railroads .....                                           | 82.8                                        | 82.3             | ( <sup>2</sup> ) | 83.2             | 82.6             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Other transportation .....                                | 45.1                                        | 43.8             | 54.6             | 50.9             | 50.2             | 55.5             | 26.4             | 23.4             | ( <sup>2</sup> ) |
| Communication .....                                       | 53.6                                        | 51.9             | 66.0             | 49.5             | 48.9             | ( <sup>2</sup> ) | 58.7             | 56.0             | 72.5             |
| Other public utilities .....                              | 48.3                                        | 47.2             | 57.2             | 51.6             | 50.7             | 59.1             | 33.5             | 30.5             | ( <sup>2</sup> ) |
| Trades .....                                              | 10.9                                        | 10.3             | 17.0             | 13.3             | 12.6             | 20.3             | 8.1              | 7.7              | 12.9             |
| Wholesale .....                                           | 12.6                                        | 11.3             | 27.4             | 14.7             | 13.1             | 30.6             | 6.5              | 5.9              | ( <sup>2</sup> ) |
| Retail .....                                              | 10.5                                        | 10.1             | 14.7             | 12.8             | 12.4             | 16.6             | 8.3              | 7.9              | 12.7             |
| Eating and drinking places .....                          | 5.3                                         | 5.0              | 7.3              | 6.8              | 6.8              | 6.4              | 4.3              | 3.9              | 7.9              |
| Other retail .....                                        | 12.6                                        | 12.0             | 18.8             | 14.6             | 14.0             | 21.2             | 10.3             | 9.9              | 15.9             |

See footnotes at end of table.



**Table 4. Continued—Employed wage and salary workers represented by labor organizations<sup>1</sup> by industry, sex, and race, May 1980**

(Numbers in thousands)

| Industry of current job                               | Total     |       |                  | Men              |                  |                  | Women            |                  |                  |
|-------------------------------------------------------|-----------|-------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                                                       | All races | White | Black and other  | All races        | White            | Black and other  | All races        | White            | Black and other  |
| Percent of employed wage and salary workers—Continued |           |       |                  |                  |                  |                  |                  |                  |                  |
| Finance, insurance, and real estate .....             | 4.8       | 4.2   | 10.9             | 7.3              | 6.4              | 16.8             | 3.3              | 2.9              | 7.4              |
| Banking and other finance .....                       | 2.8       | 2.4   | 7.1              | 4.0              | 3.3              | 9.7              | 2.3              | 1.9              | 5.9              |
| Insurance and real estate .....                       | 6.5       | 5.8   | 14.5             | 9.3              | 8.2              | 22.1             | 4.4              | 3.9              | 9.0              |
| Services .....                                        | 22.8      | 22.0  | 27.3             | 24.1             | 23.8             | 26.4             | 22.0             | 20.9             | 27.7             |
| Private household service .....                       | .7        | .8    | .5               | 1.0              | 1.2              | ( <sup>2</sup> ) | .7               | .8               | .6               |
| Miscellaneous services .....                          | 23.9      | 22.8  | 30.5             | 24.6             | 24.2             | 27.4             | 23.4             | 21.9             | 32.1             |
| Business and repair .....                             | 11.4      | 10.6  | 18.4             | 13.1             | 12.3             | 18.9             | 8.4              | 7.5              | 17.2             |
| Personal services, except private household .....     | 14.4      | 12.8  | 21.3             | 19.6             | 19.5             | 19.9             | 11.4             | 8.9              | 22.1             |
| Entertainment and recreation .....                    | 15.6      | 15.7  | 13.9             | 17.1             | 17.4             | ( <sup>2</sup> ) | 13.4             | 13.4             | ( <sup>2</sup> ) |
| Professional services .....                           | 27.1      | 26.0  | 33.5             | 29.4             | 29.0             | 31.6             | 26.0             | 24.5             | 34.2             |
| Medical, except hospitals .....                       | 11.8      | 10.1  | 23.4             | 17.1             | 16.5             | ( <sup>2</sup> ) | 10.5             | 8.5              | 23.9             |
| Hospitals .....                                       | 21.6      | 17.6  | 37.5             | 25.7             | 20.5             | 43.2             | 20.3             | 16.7             | 35.4             |
| Welfare and religious .....                           | 16.0      | 13.6  | 26.7             | 13.6             | 11.4             | 27.2             | 17.6             | 15.1             | 26.5             |
| Educational .....                                     | 42.4      | 43.1  | 38.3             | 44.6             | 46.4             | 31.5             | 41.3             | 41.3             | 41.3             |
| Other professional services .....                     | 7.4       | 7.1   | 12.2             | 9.6              | 9.6              | ( <sup>2</sup> ) | 4.8              | 4.1              | ( <sup>2</sup> ) |
| Forestry and fisheries .....                          | 16.1      | 15.9  | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Public administration .....                           | 40.5      | 39.7  | 44.7             | 45.9             | 45.4             | 49.6             | 30.9             | 29.0             | 38.8             |
| Federal, except postal .....                          | 27.2      | 25.5  | 34.4             | 30.1             | 28.4             | 39.8             | 23.0             | 20.8             | 29.8             |
| Postal .....                                          | 82.4      | 81.8  | 84.5             | 87.6             | 87.3             | 88.6             | 66.7             | 62.1             | ( <sup>2</sup> ) |
| State .....                                           | 31.8      | 31.9  | 31.2             | 33.1             | 33.6             | ( <sup>2</sup> ) | 30.0             | 29.2             | ( <sup>2</sup> ) |
| Local .....                                           | 42.3      | 42.5  | 40.4             | 47.9             | 48.6             | 42.2             | 31.0             | 30.0             | 37.3             |

<sup>1</sup> Includes members and nonmembers in bargaining units.

<sup>2</sup> Base less than 75,000.

NOTE: Due to rounding, sums of individual items may not equal totals. Dashes (-) indicate no workers in cell.



Table 5. Employed wage and salary workers in labor organizations<sup>1</sup> by industry, sex, and race, May 1980

(Numbers in thousands)

| Industry of current job                                   | Total     |        |                 | Men       |        |                 | Women     |       |                 |
|-----------------------------------------------------------|-----------|--------|-----------------|-----------|--------|-----------------|-----------|-------|-----------------|
|                                                           | All races | White  | Black and other | All races | White  | Black and other | All races | White | Black and other |
|                                                           | Number    |        |                 |           |        |                 |           |       |                 |
| All industries .....                                      | 20,095    | 17,099 | 2,996           | 14,039    | 12,261 | 1,778           | 6,056     | 4,838 | 1,218           |
| Agriculture .....                                         | 51        | 42     | 9               | 42        | 35     | 6               | 9         | 7     | 2               |
| Mining .....                                              | 286       | 272    | 14              | 274       | 263    | 11              | 12        | 9     | 3               |
| Construction .....                                        | 1,574     | 1,424  | 149             | 1,551     | 1,404  | 147             | 23        | 21    | 2               |
| Manufacturing, total .....                                | 6,771     | 5,829  | 942             | 5,293     | 4,623  | 671             | 1,478     | 1,207 | 271             |
| Durable goods, total .....                                | 4,366     | 3,774  | 592             | 3,606     | 3,165  | 441             | 759       | 609   | 151             |
| Ordnance .....                                            | 74        | 65     | 9               | 63        | 57     | 6               | 11        | 8     | 3               |
| Lumber .....                                              | 103       | 93     | 10              | 83        | 75     | 8               | 19        | 18    | 2               |
| Furniture .....                                           | 124       | 115    | 10              | 104       | 97     | 7               | 20        | 18    | 3               |
| Stone, clay, and glass .....                              | 292       | 232    | 60              | 246       | 206    | 40              | 46        | 26    | 20              |
| Primary metals .....                                      | 686       | 582    | 104             | 642       | 547    | 95              | 44        | 35    | 9               |
| Fabricated metals .....                                   | 491       | 433    | 58              | 420       | 373    | 47              | 71        | 60    | 10              |
| Machinery, except electrical .....                        | 798       | 731    | 67              | 709       | 651    | 58              | 89        | 79    | 9               |
| Electrical equipment .....                                | 599       | 515    | 85              | 352       | 307    | 45              | 247       | 207   | 40              |
| Transportation equipment .....                            | 1,038     | 869    | 169             | 897       | 768    | 128             | 142       | 101   | 41              |
| Automobiles .....                                         | 582       | 488    | 95              | 510       | 438    | 72              | 72        | 50    | 23              |
| Aircraft .....                                            | 286       | 238    | 48              | 233       | 201    | 32              | 53        | 37    | 16              |
| Other transportation equipment .....                      | 170       | 144    | 26              | 154       | 129    | 24              | 16        | 14    | 2               |
| Instruments .....                                         | 79        | 75     | 3               | 46        | 45     | 1               | 32        | 30    | 2               |
| Miscellaneous .....                                       | 82        | 64     | 18              | 44        | 38     | 6               | 38        | 27    | 12              |
| Nondurable goods .....                                    | 2,405     | 2,056  | 350             | 1,687     | 1,458  | 229             | 718       | 598   | 120             |
| Food .....                                                | 628       | 531    | 97              | 498       | 423    | 75              | 130       | 108   | 22              |
| Tobacco .....                                             | 19        | 11     | 8               | 11        | 6      | 5               | 8         | 4     | 3               |
| Textiles .....                                            | 117       | 99     | 18              | 74        | 66     | 8               | 43        | 33    | 10              |
| Apparel .....                                             | 326       | 261    | 66              | 66        | 50     | 16              | 260       | 210   | 50              |
| Paper .....                                               | 369       | 321    | 48              | 312       | 269    | 43              | 57        | 52    | 5               |
| Printing .....                                            | 290       | 262    | 27              | 228       | 204    | 24              | 61        | 58    | 3               |
| Chemicals .....                                           | 320       | 283    | 37              | 262       | 236    | 26              | 58        | 47    | 11              |
| Petroleum .....                                           | 75        | 62     | 13              | 71        | 58     | 13              | 4         | 4     | -               |
| Rubber and plastics .....                                 | 205       | 179    | 25              | 144       | 128    | 17              | 60        | 52    | 9               |
| Leather and not specified manufacturing .....             | 58        | 48     | 10              | 20        | 17     | 2               | 38        | 30    | 7               |
| Transportation, communication, and public utilities ..... | 2,903     | 2,491  | 412             | 2,331     | 2,041  | 290             | 572       | 450   | 122             |
| Railroads .....                                           | 474       | 424    | 50              | 446       | 397    | 48              | 28        | 26    | 2               |
| Other transportation .....                                | 1,121     | 946    | 176             | 986       | 843    | 143             | 136       | 103   | 33              |
| Communication .....                                       | 714       | 606    | 108             | 372       | 334    | 38              | 341       | 272   | 70              |
| Other public utilities .....                              | 594       | 515    | 78              | 527       | 466    | 61              | 67        | 49    | 18              |
| Trades .....                                              | 1,753     | 1,505  | 247             | 1,151     | 984    | 166             | 602       | 521   | 81              |
| Wholesale .....                                           | 389       | 314    | 75              | 347       | 279    | 68              | 42        | 35    | 7               |
| Retail .....                                              | 1,363     | 1,191  | 172             | 803       | 705    | 99              | 560       | 486   | 74              |
| Eating and drinking places .....                          | 199       | 170    | 29              | 97        | 88     | 9               | 102       | 82    | 20              |
| Other retail .....                                        | 1,164     | 1,021  | 143             | 706       | 617    | 89              | 458       | 404   | 54              |

See footnotes at end of table.



Table 5. Continued—Employed wage and salary workers in labor organizations<sup>1</sup> by industry, sex, and race, May 1980

(Numbers in thousands)

| Industry of current job                           | Total            |       |                 | Men       |       |                 | Women     |       |                 |
|---------------------------------------------------|------------------|-------|-----------------|-----------|-------|-----------------|-----------|-------|-----------------|
|                                                   | All races        | White | Black and other | All races | White | Black and other | All races | White | Black and other |
|                                                   | Number—Continued |       |                 |           |       |                 |           |       |                 |
| Finance, insurance, and real estate .....         | 190              | 146   | 45              | 119       | 90    | 29              | 71        | 56    | 16              |
| Banking and other finance .....                   | 38               | 26    | 11              | 18        | 11    | 7               | 20        | 15    | 4               |
| Insurance and real estate .....                   | 153              | 120   | 33              | 101       | 79    | 22              | 52        | 41    | 11              |
| Services .....                                    | 4,743            | 3,873 | 870             | 1,909     | 1,639 | 270             | 2,834     | 2,234 | 600             |
| Private household service .....                   | 7                | 5     | 2               | 2         | 2     | -               | 6         | 3     | 2               |
| Miscellaneous services .....                      | 4,735            | 3,868 | 867             | 1,907     | 1,637 | 270             | 2,828     | 2,231 | 597             |
| Business and repair .....                         | 293              | 238   | 55              | 216       | 178   | 39              | 77        | 60    | 16              |
| Personal services, except private household ..... | 229              | 163   | 66              | 116       | 95    | 21              | 113       | 69    | 44              |
| Entertainment and recreation .....                | 127              | 117   | 10              | 85        | 78    | 7               | 42        | 38    | 4               |
| Professional services .....                       | 4,086            | 3,349 | 736             | 1,489     | 1,286 | 203             | 2,597     | 2,063 | 533             |
| Medical, except hospitals .....                   | 283              | 205   | 78              | 86        | 73    | 13              | 198       | 133   | 65              |
| Hospitals .....                                   | 692              | 437   | 255             | 201       | 116   | 85              | 491       | 322   | 169             |
| Welfare and religious .....                       | 207              | 147   | 60              | 77        | 56    | 21              | 130       | 91    | 38              |
| Educational .....                                 | 2,767            | 2,430 | 337             | 1,030     | 948   | 81              | 1,737     | 1,482 | 256             |
| Other professional services .....                 | 137              | 130   | 7               | 96        | 94    | 2               | 41        | 36    | 5               |
| Forestry and fisheries .....                      | 12               | 11    | 1               | 9         | 8     | 1               | 3         | 3     | -               |
| Public administration .....                       | 1,812            | 1,505 | 307             | 1,361     | 1,174 | 187             | 452       | 331   | 120             |
| Federal, except postal .....                      | 347              | 261   | 86              | 236       | 192   | 44              | 111       | 69    | 42              |
| Postal .....                                      | 509              | 393   | 116             | 411       | 334   | 77              | 98        | 60    | 39              |
| State .....                                       | 253              | 228   | 24              | 164       | 155   | 9               | 89        | 74    | 15              |
| Local .....                                       | 703              | 622   | 81              | 549       | 493   | 56              | 154       | 129   | 25              |

See footnotes at end of table.



Table 5. Continued—Employed wage and salary workers in labor organizations<sup>1</sup> by industry, sex, and race, May 1980

(Numbers in thousands)

| Industry of current job                                   | Total            |                  |                  | Men              |                  |                  | Women            |                  |                  |
|-----------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                                                           | All races        | White            | Black and other  | All races        | White            | Black and other  | All races        | White            | Black and other  |
| Percent of employed wage and salary workers               |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| All industries .....                                      | 23.0             | 22.2             | 29.0             | 28.4             | 27.8             | 33.8             | 15.9             | 14.6             | 24.0             |
| Agriculture .....                                         | 3.5              | 3.4              | 4.4              | 3.6              | 3.6              | 4.2              | 3.0              | 2.7              | ( <sup>a</sup> ) |
| Mining .....                                              | 32.1             | 32.6             | ( <sup>a</sup> ) | 35.6             | 36.2             | ( <sup>a</sup> ) | 9.8              | 8.1              | ( <sup>a</sup> ) |
| Construction .....                                        | 31.6             | 31.4             | 33.2             | 34.0             | 33.9             | 34.3             | 5.6              | 5.3              | ( <sup>a</sup> ) |
| Manufacturing, total .....                                | 32.3             | 31.3             | 39.7             | 36.9             | 36.0             | 44.8             | 22.2             | 20.9             | 30.9             |
| Durable goods, total .....                                | 34.8             | 33.7             | 44.3             | 38.8             | 37.8             | 46.9             | 23.4             | 21.4             | 38.1             |
| Ordnance .....                                            | 31.5             | 29.6             | ( <sup>a</sup> ) | 35.5             | 33.8             | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) |
| Lumber .....                                              | 19.1             | 21.0             | 10.0             | 18.1             | 20.2             | 9.2              | 24.6             | ( <sup>a</sup> ) | ( <sup>a</sup> ) |
| Furniture .....                                           | 27.0             | 27.7             | ( <sup>a</sup> ) | 32.5             | 33.5             | ( <sup>a</sup> ) | 14.4             | 14.2             | ( <sup>a</sup> ) |
| Stone, clay, and glass .....                              | 47.2             | 43.2             | 74.1             | 48.5             | 46.0             | ( <sup>a</sup> ) | 41.3             | 29.0             | ( <sup>a</sup> ) |
| Primary metals .....                                      | 58.4             | 56.9             | 68.7             | 61.8             | 60.5             | 70.8             | 32.3             | 29.3             | ( <sup>a</sup> ) |
| Fabricated metals .....                                   | 36.1             | 35.4             | 43.1             | 40.3             | 39.9             | 44.1             | 22.3             | 20.8             | ( <sup>a</sup> ) |
| Machinery, except electrical .....                        | 28.7             | 28.0             | 39.1             | 32.1             | 31.3             | 44.4             | 15.6             | 15.1             | ( <sup>a</sup> ) |
| Electrical equipment .....                                | 26.9             | 26.3             | 31.1             | 27.7             | 27.2             | 31.8             | 25.7             | 25.0             | 30.4             |
| Transportation equipment .....                            | 51.1             | 49.2             | 64.2             | 54.1             | 52.4             | 67.2             | 38.0             | 33.6             | ( <sup>a</sup> ) |
| Automobiles .....                                         | 61.2             | 58.4             | 81.0             | 63.7             | 61.0             | 87.1             | 47.9             | 42.6             | ( <sup>a</sup> ) |
| Aircraft .....                                            | 42.4             | 40.5             | 55.1             | 46.8             | 45.2             | ( <sup>a</sup> ) | 29.9             | 25.7             | ( <sup>a</sup> ) |
| Other transportation equipment .....                      | 42.1             | 41.7             | ( <sup>a</sup> ) | 42.7             | 42.5             | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) |
| Instruments .....                                         | 12.6             | 13.1             | ( <sup>a</sup> ) | 13.1             | 13.8             | ( <sup>a</sup> ) | 12.0             | 12.3             | ( <sup>a</sup> ) |
| Miscellaneous .....                                       | 16.6             | 14.6             | ( <sup>a</sup> ) | 16.5             | 15.6             | ( <sup>a</sup> ) | 16.7             | 13.4             | ( <sup>a</sup> ) |
| Nondurable goods .....                                    | 28.5             | 27.8             | 33.7             | 33.5             | 32.6             | 41.2             | 21.1             | 20.5             | 25.0             |
| Food .....                                                | 37.5             | 36.0             | 48.3             | 42.1             | 40.1             | 58.5             | 26.4             | 25.8             | ( <sup>a</sup> ) |
| Tobacco .....                                             | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) |
| Textiles .....                                            | 14.9             | 15.1             | 13.4             | 17.3             | 18.8             | 10.4             | 12.0             | 10.9             | ( <sup>a</sup> ) |
| Apparel .....                                             | 25.1             | 24.5             | 28.1             | 22.1             | 20.4             | ( <sup>a</sup> ) | 26.1             | 25.7             | 27.7             |
| Paper .....                                               | 49.1             | 47.4             | ( <sup>a</sup> ) | 53.7             | 51.5             | ( <sup>a</sup> ) | 33.5             | 33.4             | ( <sup>a</sup> ) |
| Printing .....                                            | 20.2             | 20.1             | 21.8             | 27.0             | 26.3             | ( <sup>a</sup> ) | 10.4             | 10.9             | ( <sup>a</sup> ) |
| Chemicals .....                                           | 25.8             | 25.5             | 27.6             | 28.6             | 29.0             | 25.9             | 17.7             | 15.9             | ( <sup>a</sup> ) |
| Petroleum .....                                           | 34.1             | 31.8             | ( <sup>a</sup> ) | 39.7             | 36.2             | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) |
| Rubber and plastics .....                                 | 29.6             | 29.2             | 32.0             | 31.4             | 30.5             | ( <sup>a</sup> ) | 25.9             | 26.6             | ( <sup>a</sup> ) |
| Leather and not specified manufacturing .....             | 20.9             | 18.8             | ( <sup>a</sup> ) | 22.2             | 20.0             | ( <sup>a</sup> ) | 20.3             | 18.1             | ( <sup>a</sup> ) |
| Transportation, communication, and public utilities ..... | 48.0             | 46.7             | 58.1             | 51.9             | 51.1             | 58.5             | 36.7             | 33.4             | 57.3             |
| Railroads .....                                           | 81.8             | 81.2             | ( <sup>a</sup> ) | 82.2             | 81.6             | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) |
| Other transportation .....                                | 42.1             | 40.5             | 53.2             | 48.4             | 47.5             | 54.4             | 21.6             | 18.4             | ( <sup>a</sup> ) |
| Communication .....                                       | 49.3             | 47.7             | 61.3             | 46.7             | 45.8             | ( <sup>a</sup> ) | 52.6             | 50.1             | 64.7             |
| Other public utilities .....                              | 43.7             | 42.5             | 54.0             | 47.3             | 46.5             | 55.2             | 27.2             | 23.3             | ( <sup>a</sup> ) |
| Trades .....                                              | 10.1             | 9.5              | 16.1             | 12.4             | 11.7             | 19.4             | 7.4              | 7.0              | 11.9             |
| Wholesale .....                                           | 11.4             | 10.0             | 26.2             | 13.6             | 12.0             | 29.8             | 4.9              | 4.4              | ( <sup>a</sup> ) |
| Retail .....                                              | 9.8              | 9.4              | 13.8             | 11.9             | 11.5             | 15.6             | 7.7              | 7.3              | 11.9             |
| Eating and drinking places .....                          | 4.9              | 4.7              | 6.5              | 6.2              | 6.4              | 4.8              | 4.1              | 3.7              | 7.9              |
| Other retail .....                                        | 11.7             | 11.2             | 17.7             | 13.6             | 13.0             | 20.5             | 9.6              | 9.2              | 14.5             |

See footnotes at end of table.



Table 5. Continued—Employed wage and salary workers in labor organizations<sup>1</sup> by industry, sex, and race, May 1980

(Numbers in thousands)

| Industry of current job                               | Total     |       |                  | Men              |                  |                  | Women            |                  |                  |
|-------------------------------------------------------|-----------|-------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                                                       | All races | White | Black and other  | All races        | White            | Black and other  | All races        | White            | Black and other  |
| Percent of employed wage and salary workers—Continued |           |       |                  |                  |                  |                  |                  |                  |                  |
| Finance, insurance, and real estate .....             | 3.7       | 3.1   | 9.5              | 6.0              | 5.0              | 16.3             | 2.3              | 1.9              | 5.4              |
| Banking and other finance .....                       | 1.6       | 1.2   | 5.0              | 2.4              | 1.6              | 9.7              | 1.2              | 1.1              | 2.7              |
| Insurance and real estate .....                       | 5.5       | 4.7   | 13.7             | 8.2              | 7.0              | 21.3             | 3.3              | 2.8              | 8.2              |
| Services .....                                        | 18.9      | 18.1  | 23.3             | 20.6             | 20.3             | 23.1             | 17.9             | 16.8             | 23.5             |
| Private household service .....                       | .6        | .6    | .5               | 1.0              | 1.2              | ( <sup>2</sup> ) | .6               | .5               | .6               |
| Miscellaneous services .....                          | 19.8      | 18.8  | 26.1             | 21.0             | 20.6             | 23.9             | 19.1             | 17.7             | 27.2             |
| Business and repair .....                             | 10.1      | 9.2   | 17.9             | 11.5             | 10.6             | 18.3             | 7.5              | 6.5              | 17.1             |
| Personal services, except private household .....     | 13.9      | 12.2  | 21.1             | 19.2             | 19.1             | 19.4             | 10.8             | 8.1              | 21.9             |
| Entertainment and recreation .....                    | 14.1      | 14.1  | 13.7             | 16.0             | 16.2             | ( <sup>2</sup> ) | 11.3             | 11.2             | ( <sup>2</sup> ) |
| Professional services .....                           | 22.1      | 21.2  | 28.0             | 24.6             | 24.3             | 26.7             | 20.9             | 19.6             | 28.5             |
| Medical, except hospitals .....                       | 10.0      | 8.3   | 20.9             | 15.2             | 14.8             | ( <sup>2</sup> ) | 8.7              | 6.7              | 21.6             |
| Hospitals .....                                       | 17.7      | 14.0  | 32.5             | 21.5             | 16.1             | 39.6             | 16.5             | 13.4             | 29.8             |
| Welfare and religious .....                           | 13.4      | 11.7  | 21.3             | 12.3             | 10.3             | 25.0             | 14.1             | 12.7             | 19.7             |
| Educational .....                                     | 34.3      | 34.8  | 31.5             | 36.8             | 38.5             | 24.8             | 33.0             | 32.7             | 34.4             |
| Other professional services .....                     | 6.5       | 6.5   | 5.8              | 8.5              | 8.7              | ( <sup>2</sup> ) | 4.2              | 4.0              | ( <sup>2</sup> ) |
| Forestry and fisheries .....                          | 13.5      | 13.0  | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Public administration .....                           | 33.8      | 33.0  | 38.0             | 39.7             | 39.2             | 42.9             | 23.4             | 21.2             | 32.3             |
| Federal, except postal .....                          | 19.3      | 17.9  | 25.4             | 22.5             | 21.4             | 28.3             | 14.9             | 12.3             | 22.9             |
| Postal .....                                          | 73.7      | 72.0  | 80.1             | 79.1             | 78.1             | 83.6             | 57.3             | 50.0             | ( <sup>2</sup> ) |
| State .....                                           | 26.0      | 26.1  | 24.8             | 28.0             | 28.5             | ( <sup>2</sup> ) | 23.0             | 22.2             | ( <sup>2</sup> ) |
| Local .....                                           | 36.9      | 37.1  | 35.6             | 43.2             | 43.7             | 39.3             | 24.3             | 23.5             | 29.4             |

<sup>1</sup> Limited to workers who identified themselves as union or employee association members.

<sup>2</sup> Base less than 75,000.

NOTE: Due to rounding, sums of individual items may not equal totals. Dashes (-) indicate no workers in cell.



**Table 6. Nonmember employed wage and salary workers covered by labor contracts by industry, sex, and race, May 1980**

(Numbers in thousands)

| Industry of current job                                   | Total     |       |                 | Men       |       |                 | Women            |                  |                  |
|-----------------------------------------------------------|-----------|-------|-----------------|-----------|-------|-----------------|------------------|------------------|------------------|
|                                                           | All races | White | Black and other | All races | White | Black and other | All races        | White            | Black and other  |
| Nonmembers covered by contracts                           |           |       |                 |           |       |                 |                  |                  |                  |
| All industries .....                                      | 2,398     | 2,077 | 321             | 1,263     | 1,114 | 149             | 1,136            | 963              | 173              |
| Agriculture .....                                         | 4         | 4     | -               | 4         | 4     | -               | 1                | 1                | -                |
| Mining .....                                              | 28        | 24    | 4               | 27        | 23    | 4               | 1                | 1                | -                |
| Construction .....                                        | 78        | 71    | 6               | 72        | 66    | 6               | 6                | 5                | ( <sup>1</sup> ) |
| Manufacturing, total .....                                | 538       | 467   | 71              | 377       | 323   | 55              | 160              | 144              | 16               |
| Durable goods, total .....                                | 354       | 314   | 40              | 258       | 227   | 31              | 96               | 87               | 9                |
| Ordnance .....                                            | 13        | 13    | -               | 4         | 4     | -               | 8                | 8                | -                |
| Lumber .....                                              | 10        | 7     | 3               | 7         | 4     | 3               | 3                | 3                | -                |
| Furniture .....                                           | 8         | 7     | 1               | 5         | 5     | -               | 2                | 2                | 1                |
| Stone, clay, and glass .....                              | 13        | 11    | 2               | 12        | 10    | 2               | 1                | 1                | 1                |
| Primary metals .....                                      | 25        | 22    | 4               | 24        | 22    | 3               | 1                | -                | 1                |
| Fabricated metals .....                                   | 40        | 34    | 6               | 39        | 34    | 6               | ( <sup>1</sup> ) | ( <sup>1</sup> ) | -                |
| Machinery, except electrical .....                        | 54        | 54    | -               | 40        | 40    | -               | 13               | 13               | -                |
| Electrical equipment .....                                | 73        | 62    | 11              | 45        | 39    | 5               | 28               | 23               | 5                |
| Transportation equipment .....                            | 97        | 83    | 13              | 68        | 56    | 12              | 29               | 28               | 2                |
| Automobiles .....                                         | 18        | 18    | -               | 11        | 11    | -               | 7                | 7                | -                |
| Aircraft .....                                            | 54        | 47    | 8               | 36        | 30    | 6               | 19               | 17               | 2                |
| Other transportation equipment .....                      | 24        | 19    | 6               | 21        | 15    | 6               | 4                | 4                | -                |
| Instruments .....                                         | 12        | 12    | -               | 8         | 8     | -               | 3                | 3                | -                |
| Miscellaneous .....                                       | 11        | 10    | 1               | 5         | 4     | 1               | 6                | 6                | -                |
| Nondurable goods .....                                    | 184       | 153   | 31              | 119       | 96    | 23              | 64               | 57               | 7                |
| Food .....                                                | 42        | 35    | 7               | 34        | 28    | 6               | 8                | 7                | 1                |
| Tobacco .....                                             | 2         | 2     | -               | 2         | 2     | -               | -                | -                | -                |
| Textiles .....                                            | 24        | 20    | 4               | 10        | 6     | 4               | 14               | 14               | -                |
| Apparel .....                                             | 26        | 21    | 5               | 8         | 6     | 2               | 19               | 15               | 4                |
| Paper .....                                               | 11        | 11    | -               | 11        | 11    | -               | -                | -                | -                |
| Printing .....                                            | 18        | 12    | 7               | 11        | 5     | 5               | 8                | 6                | 1                |
| Chemicals .....                                           | 32        | 28    | 4               | 23        | 19    | 4               | 10               | 10               | -                |
| Petroleum .....                                           | 4         | 4     | -               | 4         | 4     | -               | -                | -                | -                |
| Rubber and plastics .....                                 | 18        | 16    | 2               | 14        | 12    | 2               | 4                | 4                | -                |
| Leather and not specified manufacturing .....             | 6         | 4     | 2               | 4         | 4     | -               | 2                | 1                | 2                |
| Transportation, communication, and public utilities ..... | 210       | 192   | 17              | 125       | 117   | 7               | 85               | 75               | 10               |
| Railroads .....                                           | 5         | 5     | -               | 5         | 5     | -               | -                | -                | -                |
| Other transportation .....                                | 80        | 75    | 5               | 50        | 47    | 3               | 30               | 28               | 2                |
| Communication .....                                       | 62        | 54    | 8               | 22        | 22    | -               | 40               | 31               | 8                |
| Other public utilities .....                              | 63        | 58    | 5               | 47        | 43    | 4               | 15               | 15               | ( <sup>1</sup> ) |
| Trades .....                                              | 144       | 129   | 15              | 90        | 82    | 8               | 53               | 47               | 7                |
| Wholesale .....                                           | 42        | 39    | 3               | 29        | 27    | 2               | 13               | 12               | 1                |
| Retail .....                                              | 101       | 90    | 12              | 61        | 55    | 6               | 40               | 35               | 5                |
| Eating and drinking places .....                          | 13        | 10    | 3               | 9         | 6     | 3               | 5                | 5                | -                |
| Other retail .....                                        | 88        | 79    | 9               | 52        | 49    | 3               | 35               | 30               | 5                |

See footnotes at end of table.



**Table 6. Continued—Nonmember employed wage and salary workers covered by labor contracts by industry, sex, and race, May 1980**

(Numbers in thousands)

| Industry of current job                           | Total     |       |                  | Men       |       |                 | Women            |                  |                  |
|---------------------------------------------------|-----------|-------|------------------|-----------|-------|-----------------|------------------|------------------|------------------|
|                                                   | All races | White | Black and other  | All races | White | Black and other | All races        | White            | Black and other  |
| Nonmembers covered by contracts—Continued         |           |       |                  |           |       |                 |                  |                  |                  |
| Finance, insurance, and real estate .....         | 59        | 53    | 7                | 26        | 25    | 1               | 34               | 28               | 6                |
| Banking and other finance .....                   | 29        | 25    | 5                | 12        | 12    | -               | 18               | 13               | 5                |
| Insurance and real estate .....                   | 30        | 28    | 2                | 14        | 13    | 1               | 16               | 15               | 1                |
| Services .....                                    | 977       | 829   | 148              | 327       | 288   | 39              | 650              | 541              | 109              |
| Private household service .....                   | 2         | 2     | -                | -         | -     | -               | 2                | 2                | -                |
| Miscellaneous services .....                      | 975       | 827   | 148              | 327       | 288   | 39              | 648              | 540              | 109              |
| Business and repair .....                         | 39        | 37    | 2                | 30        | 29    | 1               | 9                | 9                | ( <sup>1</sup> ) |
| Personal services, except private household ..... | 9         | 8     | 1                | 3         | 2     | 1               | 7                | 6                | ( <sup>1</sup> ) |
| Entertainment and recreation .....                | 13        | 13    | ( <sup>1</sup> ) | 6         | 6     | -               | 8                | 7                | ( <sup>1</sup> ) |
| Professional services .....                       | 914       | 769   | 145              | 288       | 251   | 37              | 625              | 518              | 108              |
| Medical, except hospitals .....                   | 52        | 43    | 9                | 11        | 8     | 2               | 42               | 35               | 7                |
| Hospitals .....                                   | 150       | 110   | 39               | 40        | 32    | 8               | 110              | 78               | 32               |
| Welfare and religious .....                       | 39        | 24    | 15               | 8         | 6     | 2               | 31               | 18               | 13               |
| Educational .....                                 | 654       | 581   | 73               | 218       | 196   | 22              | 436              | 385              | 51               |
| Other professional services .....                 | 19        | 11    | 8                | 13        | 9     | 3               | 6                | 2                | 5                |
| Forestry and fisheries .....                      | 2         | 2     | -                | 2         | 2     | -               | ( <sup>1</sup> ) | ( <sup>1</sup> ) | -                |
| Public administration .....                       | 359       | 305   | 54               | 214       | 184   | 30              | 145              | 121              | 24               |
| Federal, except postal .....                      | 141       | 110   | 31               | 81        | 63    | 18              | 60               | 47               | 13               |
| Postal .....                                      | 60        | 54    | 6                | 44        | 39    | 5               | 16               | 14               | 2                |
| State .....                                       | 57        | 51    | 6                | 30        | 27    | 3               | 27               | 23               | 3                |
| Local .....                                       | 102       | 91    | 11               | 60        | 55    | 4               | 42               | 36               | 7                |

See footnotes at end of table.



Table 6. Continued—Nonmember employed wage and salary workers covered by labor contracts by industry, sex, and race, May 1980

(Numbers in thousands)

| Industry of current job                                   | Total            |                  |                  | Men              |                  |                  | Women            |                  |                  |
|-----------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                                                           | All races        | White            | Black and other  | All races        | White            | Black and other  | All races        | White            | Black and other  |
| Percent of employed wage and salary workers               |                  |                  |                  |                  |                  |                  |                  |                  |                  |
| All industries .....                                      | 2.7              | 2.7              | 3.1              | 2.6              | 2.5              | 2.8              | 3.0              | 2.9              | 3.4              |
| Agriculture .....                                         | .3               | .3               | ( <sup>a</sup> ) | .3               | .4               | ( <sup>a</sup> ) | .2               | .2               | ( <sup>a</sup> ) |
| Mining .....                                              | 3.1              | 2.9              | ( <sup>a</sup> ) | 3.5              | 3.2              | ( <sup>a</sup> ) | .7               | .8               | ( <sup>a</sup> ) |
| Construction .....                                        | 1.6              | 1.6              | 1.4              | 1.6              | 1.6              | 1.3              | 1.4              | 1.4              | ( <sup>a</sup> ) |
| Manufacturing, total .....                                | 2.6              | 2.5              | 3.0              | 2.6              | 2.5              | 3.6              | 2.4              | 2.5              | 1.8              |
| Durable goods, total .....                                | 2.8              | 2.8              | 3.0              | 2.8              | 2.7              | 3.3              | 3.0              | 3.1              | 2.3              |
| Ordnance .....                                            | 5.4              | 5.7              | ( <sup>a</sup> ) | 2.3              | 2.4              | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) |
| Lumber .....                                              | 1.8              | 1.5              | 3.3              | 1.5              | 1.0              | 3.7              | 3.4              | ( <sup>a</sup> ) | ( <sup>a</sup> ) |
| Furniture .....                                           | 1.7              | 1.7              | ( <sup>a</sup> ) | 1.7              | 1.8              | ( <sup>a</sup> ) | 1.7              | 1.4              | ( <sup>a</sup> ) |
| Stone, clay, and glass .....                              | 2.1              | 2.0              | 2.9              | 2.3              | 2.2              | ( <sup>a</sup> ) | 1.3              | 1.0              | ( <sup>a</sup> ) |
| Primary metals .....                                      | 2.2              | 2.1              | 2.4              | 2.4              | 2.4              | 2.0              | .7               | ( <sup>a</sup> ) | ( <sup>a</sup> ) |
| Fabricated metals .....                                   | 2.9              | 2.8              | 4.2              | 3.8              | 3.6              | 5.2              | .1               | .1               | ( <sup>a</sup> ) |
| Machinery, except electrical .....                        | 1.9              | 2.1              | ( <sup>a</sup> ) | 1.8              | 1.9              | ( <sup>a</sup> ) | 2.4              | 2.5              | ( <sup>a</sup> ) |
| Electrical equipment .....                                | 3.3              | 3.2              | 3.9              | 3.5              | 3.5              | 3.7              | 2.9              | 2.7              | 4.0              |
| Transportation equipment .....                            | 4.8              | 4.7              | 5.1              | 4.1              | 3.8              | 6.2              | 7.8              | 9.2              | ( <sup>a</sup> ) |
| Automobiles .....                                         | 1.9              | 2.1              | ( <sup>a</sup> ) | 1.4              | 1.5              | ( <sup>a</sup> ) | 4.6              | 6.0              | ( <sup>a</sup> ) |
| Aircraft .....                                            | 8.1              | 7.9              | 8.8              | 7.2              | 6.6              | ( <sup>a</sup> ) | 10.5             | 12.0             | ( <sup>a</sup> ) |
| Other transportation equipment .....                      | 6.0              | 5.4              | ( <sup>a</sup> ) | 5.8              | 5.0              | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) |
| Instruments .....                                         | 1.9              | 2.0              | ( <sup>a</sup> ) | 2.3              | 2.5              | ( <sup>a</sup> ) | 1.3              | 1.4              | ( <sup>a</sup> ) |
| Miscellaneous .....                                       | 2.2              | 2.3              | ( <sup>a</sup> ) | 2.0              | 1.8              | ( <sup>a</sup> ) | 2.5              | 2.9              | ( <sup>a</sup> ) |
| Nondurable goods .....                                    | 2.2              | 2.1              | 2.9              | 2.4              | 2.1              | 4.2              | 1.9              | 2.0              | 1.5              |
| Food .....                                                | 2.5              | 2.4              | 3.5              | 2.9              | 2.7              | 4.8              | 1.5              | 1.6              | ( <sup>a</sup> ) |
| Tobacco .....                                             | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) |
| Textiles .....                                            | 3.0              | 3.0              | 2.9              | 2.2              | 1.6              | 5.1              | 3.9              | 4.7              | ( <sup>a</sup> ) |
| Apparel .....                                             | 2.0              | 2.0              | 2.3              | 2.5              | 2.3              | ( <sup>a</sup> ) | 1.9              | 1.9              | 2.0              |
| Paper .....                                               | 1.4              | 1.6              | ( <sup>a</sup> ) | 1.9              | 2.1              | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) |
| Printing .....                                            | 1.3              | .9               | 5.4              | 1.3              | .7               | ( <sup>a</sup> ) | 1.3              | 1.2              | ( <sup>a</sup> ) |
| Chemicals .....                                           | 2.6              | 2.5              | 3.2              | 2.5              | 2.3              | 4.2              | 2.9              | 3.3              | ( <sup>a</sup> ) |
| Petroleum .....                                           | 1.8              | 2.0              | ( <sup>a</sup> ) | 2.2              | 2.5              | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) |
| Rubber and plastics .....                                 | 2.6              | 2.7              | 2.2              | 3.0              | 2.9              | ( <sup>a</sup> ) | 1.8              | 2.1              | ( <sup>a</sup> ) |
| Leather and not specified manufacturing .....             | 2.2              | 1.7              | ( <sup>a</sup> ) | 3.9              | 4.1              | ( <sup>a</sup> ) | 1.3              | .5               | ( <sup>a</sup> ) |
| Transportation, communication, and public utilities ..... | 3.5              | 3.6              | 2.5              | 2.8              | 2.9              | 1.5              | 5.5              | 5.6              | 4.8              |
| Railroads .....                                           | .9               | 1.0              | ( <sup>a</sup> ) | 1.0              | 1.1              | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) | ( <sup>a</sup> ) |
| Other transportation .....                                | 3.0              | 3.2              | 1.4              | 2.5              | 2.7              | 1.1              | 4.8              | 5.1              | ( <sup>a</sup> ) |
| Communication .....                                       | 4.3              | 4.2              | 4.7              | 2.8              | 3.0              | ( <sup>a</sup> ) | 6.1              | 5.8              | 7.8              |
| Other public utilities .....                              | 4.6              | 4.8              | 3.2              | 4.2              | 4.3              | 3.9              | 6.3              | 7.2              | ( <sup>a</sup> ) |
| Trades .....                                              | .8               | .8               | 1.0              | 1.0              | 1.0              | .9               | .7               | .6               | 1.0              |
| Wholesale .....                                           | 1.2              | 1.2              | 1.1              | 1.1              | 1.2              | .8               | 1.5              | 1.5              | ( <sup>a</sup> ) |
| Retail .....                                              | .7               | .7               | .9               | .9               | .9               | 1.0              | .6               | .5               | .9               |
| Eating and drinking places .....                          | .3               | .3               | .7               | .6               | .4               | 1.6              | .2               | .2               | ( <sup>a</sup> ) |
| Other retail .....                                        | .9               | .9               | 1.1              | 1.0              | 1.0              | .7               | .7               | .7               | 1.5              |

See footnotes at end of table.



**Table 6. Continued—Nonmember employed wage and salary workers covered by labor contracts by industry, sex, and race, May 1980**

(Numbers in thousands)

| Industry of current job                               | Total     |       |                  | Men              |                  |                  | Women            |                  |                  |
|-------------------------------------------------------|-----------|-------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                                                       | All races | White | Black and other  | All races        | White            | Black and other  | All races        | White            | Black and other  |
| Percent of employed wage and salary workers—Continued |           |       |                  |                  |                  |                  |                  |                  |                  |
| Finance, insurance, and real estate .....             | 1.2       | 1.1   | 1.4              | 1.3              | 1.4              | 0.5              | 1.1              | 1.0              | 2.0              |
| Banking and other finance .....                       | 1.2       | 1.2   | 2.1              | 1.6              | 1.7              | ( <sup>2</sup> ) | 1.1              | .9               | 3.1              |
| Insurance and real estate .....                       | 1.1       | 1.1   | .8               | 1.1              | 1.1              | .8               | 1.0              | 1.1              | .8               |
| Services .....                                        | 3.9       | 3.9   | 4.0              | 3.5              | 3.6              | 3.3              | 4.1              | 4.1              | 4.2              |
| Private household service .....                       | .1        | .2    | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | .2               | .2               | ( <sup>2</sup> ) |
| Miscellaneous services .....                          | 4.1       | 4.0   | 4.4              | 3.6              | 3.6              | 3.5              | 4.4              | 4.3              | 4.9              |
| Business and repair .....                             | 1.3       | 1.4   | .5               | 1.6              | 1.7              | .6               | .9               | .9               | .2               |
| Personal services, except private household .....     | .6        | .6    | .3               | .4               | .4               | .5               | .6               | .7               | .2               |
| Entertainment and recreation .....                    | 1.5       | 1.6   | .2               | 1.1              | 1.2              | ( <sup>2</sup> ) | 2.1              | 2.2              | ( <sup>2</sup> ) |
| Professional services .....                           | 5.0       | 4.9   | 5.5              | 4.8              | 4.7              | 4.9              | 5.0              | 4.9              | 5.8              |
| Medical, except hospitals .....                       | 1.8       | 1.7   | 2.4              | 1.9              | 1.7              | ( <sup>2</sup> ) | 1.8              | 1.8              | 2.3              |
| Hospitals .....                                       | 3.8       | 3.5   | 5.0              | 4.2              | 4.4              | 3.6              | 3.7              | 3.3              | 5.6              |
| Welfare and religious .....                           | 2.5       | 1.9   | 5.4              | 1.3              | 1.1              | 2.2              | 3.4              | 2.5              | 6.8              |
| Educational .....                                     | 8.1       | 8.3   | 6.9              | 7.8              | 7.9              | 6.7              | 8.3              | 8.5              | 6.9              |
| Other professional services .....                     | .9        | .5    | 6.4              | 1.1              | .8               | ( <sup>2</sup> ) | .6               | .2               | ( <sup>2</sup> ) |
| Forestry and fisheries .....                          | 2.6       | 2.9   | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Public administration .....                           | 6.7       | 6.7   | 6.7              | 6.2              | 6.2              | 6.8              | 7.5              | 7.7              | 6.6              |
| Federal, except postal .....                          | 7.8       | 7.6   | 9.0              | 7.7              | 7.0              | 11.5             | 8.1              | 8.5              | 6.9              |
| Postal .....                                          | 8.7       | 9.8   | 4.4              | 8.5              | 9.2              | 5.1              | 9.4              | 12.1             | ( <sup>2</sup> ) |
| State .....                                           | 5.8       | 5.8   | 6.4              | 5.1              | 5.0              | ( <sup>2</sup> ) | 7.0              | 7.0              | ( <sup>2</sup> ) |
| Local .....                                           | 5.3       | 5.4   | 4.8              | 4.7              | 4.9              | 2.9              | 6.7              | 6.5              | 8.0              |

<sup>1</sup> Fewer than 500 workers.

<sup>2</sup> Base less than 75,000.

NOTE: Due to rounding, sums of individual items may not equal totals. Dashes (-) indicate no workers in cell.



Table 7. Employed wage and salary workers represented by labor organizations<sup>1</sup> by occupation and industry, May 1980

(Numbers in thousands)

| Occupation of current job                           | Total  | Agriculture | Mining | Construction | Manufacturing | Transportation and public utilities | Wholesale trade | Retail trade | Finance and services | Forestry and fisheries | Public administration |
|-----------------------------------------------------|--------|-------------|--------|--------------|---------------|-------------------------------------|-----------------|--------------|----------------------|------------------------|-----------------------|
|                                                     | Number |             |        |              |               |                                     |                 |              |                      |                        |                       |
| All occupations <sup>2</sup> .....                  | 22,493 | 55          | 314    | 1,651        | 7,309         | 3,113                               | 432             | 1,465        | 5,969                | 14                     | 2,172                 |
| White-collar occupations .....                      | 8,483  | 4           | 29     | 145          | 880           | 1,062                               | 104             | 642          | 4,253                | 4                      | 1,361                 |
| Professional, technical, and kindred workers .....  | 3,997  | 2           | 7      | 43           | 271           | 216                                 | 6               | 13           | 3,098                | 4                      | 338                   |
| Managers and administrators, except farm .....      | 868    | -           | 2      | 70           | 95            | 96                                  | 25              | 134          | 269                  | -                      | 177                   |
| Clerical and kindred workers .....                  | 3,365  | 2           | 20     | 32           | 487           | 732                                 | 56              | 352          | 842                  | ( <sup>3</sup> )       | 843                   |
| Sales workers .....                                 | 253    | -           | -      | -            | 27            | 18                                  | 17              | 143          | 44                   | -                      | 4                     |
| Blue-collar workers .....                           | 11,763 | 23          | 283    | 1,487        | 6,283         | 1,962                               | 319             | 618          | 548                  | 10                     | 229                   |
| Craft and kindred workers .....                     | 4,571  | 5           | 134    | 1,029        | 1,891         | 904                                 | 71              | 128          | 270                  | 2                      | 137                   |
| Carpenters .....                                    | 284    | -           | 22     | 190          | 36            | 15                                  | 1               | 4            | 12                   | -                      | 5                     |
| Construction craft workers, except carpenters ..... | 1,116  | 2           | 41     | 632          | 271           | 76                                  | 10              | 4            | 59                   | -                      | 22                    |
| Mechanics and repairers .....                       | 1,815  | -           | 48     | 104          | 1,110         | 259                                 | 32              | 67           | 125                  | 1                      | 70                    |
| Operatives and kindred workers .....                | 5,743  | 4           | 136    | 194          | 3,956         | 798                                 | 182             | 226          | 205                  | -                      | 43                    |
| Operatives, except transport .....                  | 4,229  | -           | 113    | 114          | 3,552         | 95                                  | 53              | 153          | 134                  | -                      | 15                    |
| Drivers and delivery workers .....                  | 1,168  | 4           | 17     | 78           | 205           | 599                                 | 118             | 65           | 58                   | -                      | 24                    |
| Other transport equipment operatives .....          | 346    | -           | 7      | 2            | 199           | 104                                 | 10              | 8            | 13                   | -                      | 3                     |
| Nonfarm laborers .....                              | 1,448  | 14          | 13     | 265          | 436           | 260                                 | 66              | 264          | 73                   | 9                      | 49                    |
| Construction .....                                  | 265    | -           | -      | 265          | -             | -                                   | -               | -            | -                    | -                      | -                     |
| Manufacturing .....                                 | 436    | -           | -      | -            | 436           | -                                   | -               | -            | -                    | -                      | -                     |
| All other nonfarm laborers .....                    | 747    | 14          | 13     | -            | -             | 260                                 | 66              | 264          | 73                   | 9                      | 49                    |
| Service workers, including private household .....  | 2,221  | 2           | 2      | 19           | 146           | 89                                  | 9               | 205          | 1,168                | -                      | 582                   |

See footnotes at end of table.



Table 7. Continued—Employed wage and salary workers represented by labor organizations<sup>1</sup> by occupation and industry, May 1980

(Numbers in thousands)

| Occupation of current job                           | Total                                       | Agriculture      | Mining           | Construction     | Manufacturing | Transportation and public utilities | Wholesale trade  | Retail trade     | Finance and services | Forestry and fisheries | Public administration |
|-----------------------------------------------------|---------------------------------------------|------------------|------------------|------------------|---------------|-------------------------------------|------------------|------------------|----------------------|------------------------|-----------------------|
|                                                     | Percent of employed wage and salary workers |                  |                  |                  |               |                                     |                  |                  |                      |                        |                       |
| All occupations <sup>2</sup> .....                  | 25.7                                        | 3.8              | 35.2             | 33.1             | 34.8          | 51.5                                | 12.6             | 10.5             | 19.7                 | 16.1                   | 40.5                  |
| White-collar occupations .....                      | 18.5                                        | 2.7              | 10.2             | 12.2             | 12.3          | 38.4                                | 4.6              | 8.5              | 20.5                 | ( <sup>4</sup> )       | 36.3                  |
| Professional, technical, and kindred workers .....  | 27.7                                        | ( <sup>4</sup> ) | 6.5              | 19.4             | 11.3          | 33.8                                | 4.1              | 6.4              | 32.4                 | ( <sup>4</sup> )       | 31.3                  |
| Managers and administrators, except farm .....      | 9.7                                         | ( <sup>4</sup> ) | ( <sup>4</sup> ) | 12.7             | 5.9           | 16.9                                | 3.9              | 6.1              | 10.1                 | ( <sup>4</sup> )       | 26.2                  |
| Clerical and kindred workers .....                  | 19.2                                        | ( <sup>4</sup> ) | 16.7             | 8.2              | 18.2          | 49.2                                | 7.8              | 13.9             | 11.2                 | ( <sup>4</sup> )       | 42.6                  |
| Sales workers .....                                 | 5.0                                         | ( <sup>4</sup> ) | ( <sup>4</sup> ) | ( <sup>4</sup> ) | 5.4           | ( <sup>4</sup> )                    | 2.2              | 5.4              | 4.4                  | -                      | ( <sup>4</sup> )      |
| Blue-collar workers .....                           | 41.4                                        | 8.1              | 47.1             | 39.6             | 46.9          | 62.6                                | 28.9             | 21.3             | 20.8                 | ( <sup>4</sup> )       | 41.0                  |
| Craft and kindred workers .....                     | 41.2                                        | ( <sup>4</sup> ) | 51.0             | 41.1             | 45.8          | 67.7                                | 21.8             | 12.9             | 23.2                 | ( <sup>4</sup> )       | 45.0                  |
| Carpenters .....                                    | 33.9                                        | ( <sup>4</sup> ) | ( <sup>4</sup> ) | 31.3             | 42.7          | ( <sup>4</sup> )                    | ( <sup>4</sup> ) | ( <sup>4</sup> ) | ( <sup>4</sup> )     | ( <sup>4</sup> )       | ( <sup>4</sup> )      |
| Construction craft workers, except carpenters ..... | 50.4                                        | ( <sup>4</sup> ) | ( <sup>4</sup> ) | 46.4             | 67.6          | 70.3                                | ( <sup>4</sup> ) | ( <sup>4</sup> ) | 40.7                 | ( <sup>4</sup> )       | ( <sup>4</sup> )      |
| Mechanics and repairers .....                       | 42.9                                        | ( <sup>4</sup> ) | ( <sup>4</sup> ) | 39.3             | 57.1          | 66.0                                | 16.8             | 10.8             | 21.1                 | ( <sup>4</sup> )       | 46.2                  |
| Operatives and kindred workers .....                | 43.5                                        | ( <sup>4</sup> ) | 42.7             | 39.6             | 46.9          | 57.0                                | 36.1             | 22.6             | 22.3                 | -                      | 41.4                  |
| Operatives, except transport .....                  | 42.4                                        | ( <sup>4</sup> ) | 41.1             | 39.9             | 46.1          | 60.9                                | 33.7             | 22.4             | 20.0                 | -                      | ( <sup>4</sup> )      |
| Drivers and delivery workers .....                  | 43.0                                        | ( <sup>4</sup> ) | ( <sup>4</sup> ) | 39.9             | 45.6          | 53.2                                | 37.4             | 21.7             | 26.6                 | -                      | ( <sup>4</sup> )      |
| Other transport equipment operatives .....          | 68.2                                        | -                | ( <sup>4</sup> ) | ( <sup>4</sup> ) | 69.8          | 88.3                                | ( <sup>4</sup> ) | ( <sup>4</sup> ) | ( <sup>4</sup> )     | -                      | ( <sup>4</sup> )      |
| Nonfarm laborers .....                              | 35.1                                        | 7.5              | ( <sup>4</sup> ) | 34.4             | 52.2          | 64.8                                | 24.1             | 28.9             | 13.2                 | ( <sup>4</sup> )       | 32.5                  |
| Construction .....                                  | 34.4                                        | -                | -                | 34.4             | -             | -                                   | -                | -                | -                    | -                      | -                     |
| Manufacturing .....                                 | 52.2                                        | -                | -                | -                | 52.2          | -                                   | -                | -                | -                    | -                      | -                     |
| All other nonfarm laborers .....                    | 29.7                                        | 7.5              | ( <sup>4</sup> ) | -                | -             | 64.8                                | 24.1             | 28.9             | 13.2                 | ( <sup>4</sup> )       | 32.5                  |
| Service workers, including private household .....  | 18.4                                        | ( <sup>4</sup> ) | ( <sup>4</sup> ) | ( <sup>4</sup> ) | 36.5          | 60.1                                | ( <sup>4</sup> ) | 5.8              | 17.0                 | ( <sup>4</sup> )       | 55.0                  |

<sup>1</sup> Includes members and nonmembers in bargaining units.<sup>2</sup> Includes farm workers not shown separately.<sup>3</sup> Fewer than 500 workers.<sup>4</sup> Base less than 75,000.

NOTE: Due to rounding, sums of individual items may not equal totals. Dashes (-) indicate no workers in cell.



**Table 8. Employed private and government wage and salary workers represented by labor organizations<sup>1</sup> by industry, May 1980**

(Numbers in thousands)

| Industry of current job                                   | Private            |                                            | Government         |                                               |
|-----------------------------------------------------------|--------------------|--------------------------------------------|--------------------|-----------------------------------------------|
|                                                           | Number represented | Percent of private wage and salary workers | Number represented | Percent of government wage and salary workers |
| All industries .....                                      | 15,526             | 21.7                                       | 6,968              | 43.4                                          |
| Agriculture .....                                         | 50                 | 3.5                                        | 5                  | ( <sup>2</sup> )                              |
| Mining .....                                              | 312                | 35.1                                       | 2                  | ( <sup>2</sup> )                              |
| Construction .....                                        | 1,431              | 32.2                                       | 220                | 40.8                                          |
| Manufacturing, total .....                                | 7,252              | 34.8                                       | 57                 | 45.3                                          |
| Durable goods .....                                       | 4,671              | 37.5                                       | 49                 | 48.5                                          |
| Nondurable goods .....                                    | 2,581              | 30.7                                       | 8                  | ( <sup>2</sup> )                              |
| Transportation, communication, and public utilities ..... | 2,707              | 51.3                                       | 406                | 52.4                                          |
| Railroads and railway express .....                       | 471                | 82.8                                       | 8                  | ( <sup>2</sup> )                              |
| Other transportation .....                                | 1,036              | 44.0                                       | 165                | 53.4                                          |
| Other utilities .....                                     | 1,199              | 51.0                                       | 233                | 51.2                                          |
| Trade .....                                               | 1,886              | 10.9                                       | 10                 | ( <sup>2</sup> )                              |
| Wholesale .....                                           | 432                | 12.6                                       | ( <sup>2</sup> )   | ( <sup>2</sup> )                              |
| Retail .....                                              | 1,454              | 10.5                                       | 10                 | ( <sup>2</sup> )                              |
| Finance, insurance, and real estate .....                 | 217                | 4.3                                        | 33                 | 26.7                                          |
| Private household services .....                          | 9                  | .7                                         | -                  | -                                             |
| Miscellaneous services .....                              | 1,657              | 11.1                                       | 4,053              | 45.3                                          |
| Business and repair .....                                 | 326                | 11.4                                       | 6                  | ( <sup>2</sup> )                              |
| Personal services, except private household .....         | 236                | 14.4                                       | 2                  | ( <sup>2</sup> )                              |
| Entertainment and recreation .....                        | 127                | 15.2                                       | 14                 | ( <sup>2</sup> )                              |
| Medical, except hospitals .....                           | 175                | 7.4                                        | 160                | 34.5                                          |
| Hospitals .....                                           | 409                | 14.9                                       | 432                | 37.5                                          |
| Welfare and religious .....                               | 43                 | 4.6                                        | 203                | 33.1                                          |
| Educational .....                                         | 201                | 12.9                                       | 3,220              | 49.5                                          |
| Other professional services .....                         | 139                | 6.9                                        | 17                 | 18.1                                          |
| Forestry and fisheries .....                              | 4                  | ( <sup>2</sup> )                           | 10                 | ( <sup>2</sup> )                              |
| Public administration .....                               | -                  | -                                          | 2,172              | 40.5                                          |

<sup>1</sup> Includes members and nonmembers in bargaining units.

<sup>2</sup> Base less than 75,000.

NOTE: Due to rounding, sums of individual items may not equal totals. Dashes (-) indicate no workers in cell.



**Table 9. Employed private and government wage and salary workers represented by labor organizations<sup>1</sup> by occupation and race, May 1980**

(Numbers in thousands)

| Occupation of current job                           | Private            |                                            |       |                  | Government         |                                            |                  |                  |
|-----------------------------------------------------|--------------------|--------------------------------------------|-------|------------------|--------------------|--------------------------------------------|------------------|------------------|
|                                                     | Number represented | Percent represented by labor organizations |       |                  | Number represented | Percent represented by labor organizations |                  |                  |
|                                                     |                    | All races                                  | White | Black and other  |                    | All races                                  | White            | Black and other  |
| All occupations <sup>2</sup> .....                  | 15,526             | 21.7                                       | 20.9  | 28.2             | 6,968              | 43.4                                       | 43.3             | 44.3             |
| White-collar occupations .....                      | 3,619              | 10.4                                       | 9.7   | 19.4             | 4,864              | 43.1                                       | 42.6             | 46.0             |
| Professional, technical, and kindred workers .....  | 983                | 11.6                                       | 11.0  | 18.6             | 3,014              | 50.6                                       | 50.4             | 52.9             |
| Managers and administrators, except farm .....      | 490                | 6.4                                        | 6.1   | 13.4             | 378                | 28.3                                       | 27.8             | 33.6             |
| Clerical and kindred workers .....                  | 1,899              | 14.0                                       | 13.1  | 23.1             | 1,465              | 37.0                                       | 35.9             | 42.0             |
| Sales workers .....                                 | 246                | 4.9                                        | 4.6   | 10.7             | 7                  | ( <sup>3</sup> )                           | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Blue-collar workers .....                           | 10,858             | 41.1                                       | 40.9  | 42.2             | 905                | 45.4                                       | 45.1             | 46.3             |
| Craft and kindred workers .....                     | 4,128              | 40.6                                       | 40.7  | 39.0             | 443                | 48.4                                       | 49.6             | 40.3             |
| Carpenters .....                                    | 262                | 33.1                                       | 33.9  | ( <sup>3</sup> ) | 22                 | ( <sup>3</sup> )                           | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Construction craft workers, except carpenters ..... | 999                | 51.3                                       | 52.7  | 39.7             | 117                | 43.9                                       | 44.6             | ( <sup>3</sup> ) |
| Mechanics and repairers .....                       | 1,650              | 42.0                                       | 41.8  | 45.2             | 164                | 53.5                                       | 56.2             | ( <sup>3</sup> ) |
| Operatives and kindred workers .....                | 5,478              | 43.5                                       | 43.3  | 44.8             | 266                | 43.0                                       | 42.0             | 46.5             |
| Operatives, except transport .....                  | 4,163              | 42.5                                       | 42.2  | 44.5             | 66                 | 34.1                                       | 32.9             | ( <sup>3</sup> ) |
| Drivers and delivery workers .....                  | 987                | 42.6                                       | 42.2  | 44.9             | 181                | 45.2                                       | 45.0             | 46.3             |
| Other transport equipment operatives .....          | 328                | 67.8                                       | 71.6  | 50.2             | 18                 | ( <sup>3</sup> )                           | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| Nonfarm laborers .....                              | 1,252              | 34.2                                       | 33.6  | 37.7             | 196                | 42.5                                       | 39.3             | 52.5             |
| Construction .....                                  | 205                | 31.5                                       | 30.0  | 38.6             | 60                 | 49.6                                       | 48.9             | ( <sup>3</sup> ) |
| Manufacturing .....                                 | 433                | 52.0                                       | 52.6  | 49.2             | 4                  | ( <sup>3</sup> )                           | ( <sup>3</sup> ) | ( <sup>3</sup> ) |
| All other nonfarm laborers .....                    | 615                | 28.2                                       | 27.8  | 30.9             | 132                | 39.4                                       | 34.2             | 52.1             |
| Service workers, including private household .....  | 1,025              | 11.0                                       | 9.6   | 16.6             | 1,197              | 43.7                                       | 45.1             | 38.7             |

<sup>1</sup> Includes members and nonmembers in bargaining units.

<sup>2</sup> Includes farm workers not shown separately.

<sup>3</sup> Base less than 75,000.

NOTE: Due to rounding, sums of individual items may not equal totals.  
Dashes (-) indicate no workers in cell.



**Table 10. Usual weekly earnings of employed full-time wage and salary workers by occupation and labor organization representation, May 1980**

(Numbers in thousands)

| Occupation of current job                           | Full-time workers |                                            | Number represented by labor organization | Percent represented by labor organizations receiving weekly earnings of- |                  |                  |                  |                  |                  |                  |                  | Average weekly earnings (mean) | Number not represented by labor organization | Percent not represented by labor organizations receiving weekly earnings of- |                  |                  |                  |                  |                  |                  |                  | Average weekly earnings (mean) | Earnings ratio <sup>1</sup> |
|-----------------------------------------------------|-------------------|--------------------------------------------|------------------------------------------|--------------------------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------------------|----------------------------------------------|------------------------------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------------------|-----------------------------|
|                                                     | Total             | Percent represented by labor organizations |                                          | Under \$150                                                              | \$150-\$199      | \$200-\$249      | \$250-\$299      | \$300-\$349      | \$350-\$399      | \$400 and over   | Under \$150      |                                |                                              | \$150-\$199                                                                  | \$200-\$249      | \$250-\$299      | \$300-\$349      | \$350-\$399      | \$400 and over   |                  |                  |                                |                             |
| All occupations <sup>2</sup> .....                  | 68,510            | 29.5                                       | 20,178                                   | 5.1                                                                      | 10.1             | 15.7             | 16.1             | 16.0             | 12.7             | 24.2             | \$320            | 48,332                         | 17.1                                         | 19.9                                                                         | 16.7             | 12.5             | 9.5              | 5.5              | 18.9             | \$278            | 1.15             |                                |                             |
| White-collar occupations .....                      | 36,365            | 20.7                                       | 7,511                                    | 3.0                                                                      | 9.8              | 16.4             | 18.7             | 15.7             | 12.5             | 23.8             | 330              | 28,854                         | 11.8                                         | 18.5                                                                         | 15.7             | 12.6             | 10.3             | 6.4              | 24.6             | 309              | 1.07             |                                |                             |
| Professional, technical, and kindred workers .....  | 11,788            | 28.8                                       | 3,399                                    | 1.0                                                                      | 4.8              | 17.2             | 20.6             | 15.6             | 12.7             | 27.9             | 349              | 8,389                          | 4.4                                          | 7.9                                                                          | 11.6             | 16.8             | 13.5             | 9.9              | 35.9             | 371              | .94              |                                |                             |
| Managers and administrators, except farm .....      | 7,044             | 12.0                                       | 843                                      | .7                                                                       | 2.6              | 3.8              | 9.0              | 10.5             | 16.2             | 57.1             | 450              | 6,201                          | 4.1                                          | 8.8                                                                          | 12.3             | 10.2             | 14.1             | 8.2              | 42.4             | 400              | 1.12             |                                |                             |
| Clerical and kindred workers .....                  | 14,167            | 21.5                                       | 3,044                                    | 5.0                                                                      | 16.8             | 18.6             | 20.1             | 16.8             | 11.5             | 11.1             | 281              | 11,123                         | 19.9                                         | 32.6                                                                         | 21.2             | 11.2             | 5.6              | 3.3              | 6.1              | 215              | 1.30             |                                |                             |
| Sales workers .....                                 | 3,366             | 6.7                                        | 225                                      | ( <sup>3</sup> )                                                         | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | 3,141                          | 18.1                                         | 16.1                                                                         | 14.1             | 11.0             | 10.8             | 4.7              | 25.2             | 297              | ( <sup>3</sup> ) |                                |                             |
| Blue-collar workers .....                           | 24,714            | 44.7                                       | 11,046                                   | 5.0                                                                      | 9.2              | 14.4             | 14.5             | 16.7             | 13.8             | 26.4             | 323              | 13,667                         | 16.3                                         | 20.1                                                                         | 20.0             | 14.0             | 10.9             | 5.5              | 13.3             | 256              | 1.26             |                                |                             |
| Craft and kindred workers .....                     | 10,152            | 42.4                                       | 4,306                                    | 2.5                                                                      | 3.2              | 8.9              | 12.2             | 16.3             | 16.3             | 40.6             | 369              | 5,846                          | 5.8                                          | 11.9                                                                         | 16.4             | 17.9             | 16.8             | 8.7              | 22.7             | 309              | 1.19             |                                |                             |
| Carpenters .....                                    | 726               | 32.4                                       | 236                                      | ( <sup>3</sup> )                                                         | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | 491                            | 10.2                                         | 19.0                                                                         | 19.7             | 20.4             | 13.4             | 8.1              | 9.2              | 252              | ( <sup>3</sup> ) |                                |                             |
| Construction craft workers, except carpenters ..... | 1,805             | 54.5                                       | 983                                      | 1.6                                                                      | .4               | 6.6              | 8.5              | 14.1             | 13.7             | 55.0             | 409              | 821                            | 9.2                                          | 11.3                                                                         | 13.5             | 24.8             | 19.9             | 9.6              | 11.8             | 278              | 1.47             |                                |                             |
| Mechanics and repairers .....                       | 3,915             | 45.3                                       | 1,774                                    | 1.6                                                                      | 5.0              | 8.9              | 14.1             | 17.1             | 18.4             | 34.8             | 353              | 2,141                          | 2.1                                          | 12.3                                                                         | 16.6             | 23.1             | 17.1             | 11.0             | 17.7             | 302              | 1.17             |                                |                             |
| Operatives and kindred workers .....                | 11,510            | 46.5                                       | 5,356                                    | 7.4                                                                      | 12.9             | 18.6             | 15.0             | 15.2             | 12.3             | 18.5             | 295              | 6,154                          | 23.6                                         | 25.1                                                                         | 23.0             | 11.7             | 5.9              | 3.4              | 7.3              | 221              | 1.34             |                                |                             |
| Operatives, except transport .....                  | 8,746             | 45.1                                       | 3,940                                    | 8.9                                                                      | 15.5             | 19.5             | 16.4             | 13.3             | 12.2             | 14.2             | 280              | 4,806                          | 25.4                                         | 25.8                                                                         | 23.9             | 10.9             | 5.5              | 3.0              | 5.5              | 214              | 1.31             |                                |                             |
| Drivers and delivery workers .....                  | 2,372             | 46.9                                       | 1,112                                    | 3.7                                                                      | 5.3              | 16.6             | 12.1             | 17.8             | 12.0             | 32.5             | 339              | 1,260                          | 18.2                                         | 21.2                                                                         | 19.8             | 15.6             | 7.0              | 4.2              | 14.0             | 245              | 1.38             |                                |                             |
| Other transport equipment operatives .....          | 392               | 77.5                                       | 304                                      | 1.3                                                                      | 7.0              | 14.5             | 7.9              | 30.5             | 15.7             | 23.2             | 331              | 88                             | ( <sup>3</sup> )                             | ( <sup>3</sup> )                                                             | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) | ( <sup>3</sup> ) |                                |                             |
| Nonfarm laborers .....                              | 3,051             | 45.4                                       | 1,384                                    | 3.8                                                                      | 13.3             | 15.3             | 19.7             | 23.7             | 11.6             | 12.6             | 290              | 1,667                          | 26.4                                         | 30.0                                                                         | 21.8             | 8.4              | 9.1              | 1.8              | 2.5              | 202              | 1.43             |                                |                             |
| Construction .....                                  | 715               | 47.4                                       | 339                                      | 3.9                                                                      | 11.3             | 18.5             | 9.7              | 21.6             | 16.6             | 18.4             | 305              | 376                            | 17.9                                         | 30.8                                                                         | 25.7             | 5.6              | 10.4             | 3.1              | 6.4              | 228              | 1.34             |                                |                             |
| Manufacturing .....                                 | 804               | 62.5                                       | 502                                      | 3.1                                                                      | 16.1             | 18.8             | 13.2             | 22.7             | 14.7             | 11.4             | 286              | 302                            | 23.5                                         | 28.1                                                                         | 19.4             | 16.4             | 10.6             | ( <sup>3</sup> ) | 2.0              | 211              | 1.35             |                                |                             |
| All other nonfarm laborers .....                    | 1,533             | 35.4                                       | 543                                      | 4.4                                                                      | 11.9             | 10.0             | 31.9             | 25.9             | 5.7              | 10.2             | 284              | 990                            | 30.6                                         | 30.3                                                                         | 21.0             | 7.1              | 8.2              | 1.8              | 1.1              | 190              | 1.50             |                                |                             |
| Service workers, including private household .....  | 6,606             | 24.3                                       | 1,605                                    | 15.4                                                                     | 18.0             | 21.0             | 15.4             | 12.1             | 6.5              | 11.6             | 255              | 5,002                          | 45.6                                         | 26.0                                                                         | 13.5             | 8.2              | 2.0              | 1.1              | 3.6              | 174              | 1.47             |                                |                             |

<sup>1</sup> Ratio of earnings of workers covered by labor-management agreements to those not covered by agreements.

<sup>2</sup> Includes farm workers not shown separately.

<sup>3</sup> Base less than 300,000 or percent less than 0.1.

NOTE: Due to rounding, sums of individual items may not equal totals. Dashes (-) indicate no workers in cell.



**Table 11. Usual weekly earnings of employed full-time wage and salary workers by industry and labor organization representation, May 1980**

(Numbers in thousands)

| Industry of current job                                   | Full-time workers |                                            | Number represented by labor organization | Percent represented by labor organizations receiving weekly earnings of- |                  |                  |                  |                  |                  |                  | Average weekly earnings (mean) | Number not represented by labor organization | Percent not represented by labor organizations receiving weekly earnings of- |                  |                  |                  |                  |                  |                  | Average weekly earnings (mean) | Earnings ratio <sup>1</sup> |
|-----------------------------------------------------------|-------------------|--------------------------------------------|------------------------------------------|--------------------------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------------------|----------------------------------------------|------------------------------------------------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------------------------|-----------------------------|
|                                                           | Total             | Percent represented by labor organizations |                                          | Under \$150                                                              | \$150-\$199      | \$200-\$249      | \$250-\$299      | \$300-\$349      | \$350-\$399      | \$400 and over   |                                |                                              | Under \$150                                                                  | \$150-\$199      | \$200-\$249      | \$250-\$299      | \$300-\$349      | \$350-\$399      | \$400 and over   |                                |                             |
| All industries .....                                      | 68,510            | 29.5                                       | 20,178                                   | 5.1                                                                      | 10.1             | 15.7             | 16.1             | 16.0             | 12.7             | 24.2             | \$320                          | 48,332                                       | 17.1                                                                         | 19.9             | 16.7             | 12.5             | 9.5              | 5.5              | 18.9             | \$278                          | 1.15                        |
| Agriculture .....                                         | 1,099             | 2.8                                        | 31                                       | ( <sup>2</sup> )                                                         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )               | 1,069                                        | 33.9                                                                         | 29.0             | 14.4             | 12.4             | 5.2              | 2.6              | 2.5              | 193                            | ( <sup>2</sup> )            |
| Mining .....                                              | 691               | 35.0                                       | 242                                      | ( <sup>2</sup> )                                                         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )               | 449                                          | 1.5                                                                          | 13.9             | 12.5             | 12.1             | 5.5              | 14.7             | 39.7             | 370                            | ( <sup>2</sup> )            |
| Construction .....                                        | 3,864             | 39.0                                       | 1,506                                    | 2.1                                                                      | 3.8              | 7.5              | 8.5              | 14.6             | 11.3             | 52.2             | 405                            | 2,358                                        | 8.1                                                                          | 18.5             | 18.5             | 19.8             | 12.7             | 6.8              | 15.5             | 284                            | 1.42                        |
| Manufacturing, total .....                                | 19,207            | 37.5                                       | 7,196                                    | 6.0                                                                      | 11.9             | 16.2             | 16.0             | 15.7             | 14.1             | 20.1             | 303                            | 12,011                                       | 11.4                                                                         | 17.0             | 17.7             | 12.5             | 9.8              | 6.1              | 25.5             | 309                            | .98                         |
| Durable goods, total .....                                | 12,126            | 40.3                                       | 4,885                                    | 4.8                                                                      | 9.4              | 16.7             | 17.9             | 16.0             | 15.4             | 19.9             | 309                            | 7,241                                        | 8.0                                                                          | 15.0             | 18.0             | 13.6             | 10.8             | 6.9              | 27.8             | 324                            | .95                         |
| Metal industries .....                                    | 2,753             | 54.2                                       | 1,493                                    | 3.3                                                                      | 10.1             | 16.5             | 16.0             | 16.4             | 11.7             | 26.0             | 317                            | 1,260                                        | 7.2                                                                          | 14.7             | 18.6             | 15.5             | 10.1             | 6.5              | 27.4             | 322                            | .98                         |
| Machinery, except electrical .....                        | 2,775             | 32.7                                       | 906                                      | 1.4                                                                      | 6.7              | 14.8             | 20.0             | 13.5             | 21.9             | 21.7             | 322                            | 1,869                                        | 4.1                                                                          | 12.9             | 19.9             | 11.6             | 12.1             | 8.1              | 31.4             | 341                            | .94                         |
| Transportation equipment .....                            | 1,998             | 55.7                                       | 1,113                                    | 2.7                                                                      | 1.7              | 11.1             | 15.6             | 23.7             | 19.7             | 25.5             | 340                            | 885                                          | 4.6                                                                          | 6.5              | 13.3             | 12.9             | 16.3             | 10.4             | 36.1             | 377                            | .90                         |
| Automobiles .....                                         | 863               | 63.9                                       | 551                                      | 4.4                                                                      | 2.1              | 9.3              | 9.7              | 21.9             | 26.9             | 25.8             | 347                            | 312                                          | 4.7                                                                          | 4.9              | 15.3             | 12.5             | 15.4             | 9.8              | 37.4             | 385                            | .90                         |
| Aircraft .....                                            | 670               | 44.4                                       | 297                                      | ( <sup>2</sup> )                                                         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )               | 373                                          | 5.3                                                                          | 5.5              | 11.3             | 13.4             | 19.2             | 7.8              | 37.5             | 396                            | ( <sup>2</sup> )            |
| Other transportation equipment .....                      | 465               | 56.8                                       | 264                                      | ( <sup>2</sup> )                                                         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )               | 201                                          | ( <sup>2</sup> )                                                             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )               | ( <sup>2</sup> )            |
| Other durable goods .....                                 | 4,600             | 29.8                                       | 1,373                                    | 10.5                                                                     | 16.6             | 22.8             | 20.4             | 10.8             | 11.5             | 7.4              | 266                            | 3,227                                        | 11.5                                                                         | 18.6             | 18.0             | 14.1             | 8.7              | 5.5              | 23.6             | 299                            | .89                         |
| Nondurable goods, total .....                             | 7,081             | 32.6                                       | 2,312                                    | 8.3                                                                      | 17.2             | 15.2             | 12.0             | 15.1             | 11.6             | 20.5             | 292                            | 4,770                                        | 16.6                                                                         | 20.2             | 17.2             | 10.8             | 8.3              | 4.8              | 22.0             | 288                            | 1.01                        |
| Food .....                                                | 1,374             | 40.3                                       | 553                                      | 1.6                                                                      | 16.2             | 12.6             | 15.1             | 22.8             | 16.0             | 15.7             | 301                            | 820                                          | 7.0                                                                          | 22.8             | 18.2             | 7.6              | 12.0             | 6.2              | 26.3             | 308                            | .98                         |
| Textiles .....                                            | 692               | 15.4                                       | 106                                      | ( <sup>2</sup> )                                                         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )               | 585                                          | 24.1                                                                         | 26.5             | 25.3             | 11.4             | 6.9              | 1.0              | 4.8              | 216                            | ( <sup>2</sup> )            |
| Apparel .....                                             | 905               | 27.4                                       | 248                                      | ( <sup>2</sup> )                                                         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )               | 658                                          | 43.6                                                                         | 26.8             | 10.7             | 6.2              | 5.1              | .8               | 6.9              | 196                            | ( <sup>2</sup> )            |
| Paper .....                                               | 609               | 54.6                                       | 332                                      | ( <sup>2</sup> )                                                         | 15.9             | 16.7             | 14.7             | 12.3             | 15.8             | 24.5             | 322                            | 277                                          | ( <sup>2</sup> )                                                             | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )               | ( <sup>2</sup> )            |
| Printing .....                                            | 1,103             | 22.8                                       | 251                                      | ( <sup>2</sup> )                                                         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )               | 852                                          | 11.0                                                                         | 20.2             | 22.8             | 13.8             | 8.3              | 5.4              | 18.5             | 272                            | ( <sup>2</sup> )            |
| Chemicals and petroleum .....                             | 1,272             | 36.3                                       | 462                                      | 4.2                                                                      | 5.6              | 16.9             | 13.6             | 26.9             | 10.5             | 22.3             | 310                            | 810                                          | 7.0                                                                          | 8.7              | 13.7             | 12.2             | 11.5             | 6.6              | 40.3             | 382                            | .81                         |
| Other nondurable goods .....                              | 924               | 28.4                                       | 263                                      | ( <sup>2</sup> )                                                         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )               | 661                                          | 20.3                                                                         | 23.2             | 15.5             | 9.8              | 7.5              | 7.1              | 16.6             | 267                            | ( <sup>2</sup> )            |
| Transportation, communication, and public utilities ..... | 4,893             | 47.8                                       | 2,337                                    | 2.2                                                                      | 6.8              | 12.4             | 16.4             | 16.9             | 12.4             | 32.9             | 359                            | 2,556                                        | 8.2                                                                          | 15.1             | 15.5             | 11.3             | 12.0             | 6.1              | 31.8             | 330                            | 1.09                        |
| Transportation .....                                      | 2,797             | 54.7                                       | 1,530                                    | 1.4                                                                      | 3.2              | 9.1              | 12.4             | 18.4             | 16.7             | 38.7             | 381                            | 1,267                                        | 8.1                                                                          | 16.1             | 13.2             | 12.3             | 10.8             | 5.8              | 33.7             | 326                            | 1.17                        |
| Communication .....                                       | 1,413             | 55.4                                       | 783                                      | 2.4                                                                      | 11.3             | 15.1             | 17.7             | 17.5             | 13.4             | 22.6             | 334                            | 630                                          | 6.5                                                                          | 13.7             | 13.7             | 10.2             | 14.9             | 1.9              | 39.1             | 369                            | .91                         |
| Other public utilities .....                              | 1,318             | 43.7                                       | 576                                      | 2.2                                                                      | 4.8              | 16.9             | 19.6             | 17.9             | 11.1             | 27.5             | 337                            | 742                                          | 9.5                                                                          | 13.0             | 20.1             | 10.8             | 10.5             | 9.5              | 26.6             | 314                            | 1.07                        |
| Trade .....                                               | 11,237            | 13.2                                       | 1,487                                    | 7.6                                                                      | 11.6             | 17.5             | 15.9             | 18.6             | 11.5             | 17.4             | 294                            | 9,750                                        | 24.5                                                                         | 20.9             | 16.6             | 10.7             | 9.5              | 4.9              | 12.8             | 247                            | 1.19                        |
| Wholesale .....                                           | 3,027             | 14.4                                       | 436                                      | 8.4                                                                      | 4.1              | 23.8             | 15.0             | 16.1             | 12.3             | 20.3             | 300                            | 2,591                                        | 8.0                                                                          | 16.3             | 19.7             | 11.5             | 12.5             | 7.0              | 25.1             | 314                            | .95                         |
| Retail .....                                              | 8,210             | 12.8                                       | 1,051                                    | 7.2                                                                      | 14.7             | 14.8             | 16.3             | 19.6             | 11.2             | 16.2             | 292                            | 7,159                                        | 30.5                                                                         | 22.5             | 15.6             | 10.4             | 8.4              | 4.2              | 8.4              | 222                            | 1.32                        |
| Finance, insurance, and real estate .....                 | 4,446             | 5.9                                        | 262                                      | ( <sup>2</sup> )                                                         | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )               | 4,184                                        | 12.6                                                                         | 25.3             | 18.5             | 11.5             | 7.3              | 4.5              | 20.4             | 285                            | ( <sup>2</sup> )            |

See footnotes at end of table.



Table 11. Continued—Usual weekly earnings of employed full-time wage and salary workers by industry and labor organization representation, May 1980

(Numbers in thousands)

| Industry of current job           | Full-time workers |                                            | Number represented by labor organization | Percent represented by labor organizations receiving weekly earnings of- |             |             |             |             |             |                | Average weekly earnings (mean) | Number not represented by labor organization | Percent not represented by labor organizations receiving weekly earnings of- |             |             |             |             |             |                | Average weekly earnings (mean) | Earnings ratio¹ |
|-----------------------------------|-------------------|--------------------------------------------|------------------------------------------|--------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|----------------|--------------------------------|----------------------------------------------|------------------------------------------------------------------------------|-------------|-------------|-------------|-------------|-------------|----------------|--------------------------------|-----------------|
|                                   | Total             | Percent represented by labor organizations |                                          | Under \$150                                                              | \$150-\$199 | \$200-\$249 | \$250-\$299 | \$300-\$349 | \$350-\$399 | \$400 and over |                                |                                              | Under \$150                                                                  | \$150-\$199 | \$200-\$249 | \$250-\$299 | \$300-\$349 | \$350-\$399 | \$400 and over |                                |                 |
| Services .....                    | 17,673            | 25.5                                       | 4,510                                    | 7.6                                                                      | 12.9        | 20.7        | 19.5        | 12.9        | 9.0         | 17.4           | \$291                          | 13,163                                       | 22.0                                                                         | 21.4        | 15.6        | 13.2        | 8.8         | 5.0         | 14.1           | \$255                          | 1.14            |
| Business and repair .....         | 2,329             | 14.9                                       | 347                                      | 8.0                                                                      | 16.0        | 22.7        | 16.0        | 12.0        | 7.8         | 17.5           | 295                            | 1,982                                        | 12.2                                                                         | 22.6        | 13.9        | 14.8        | 10.5        | 5.4         | 20.7           | 288                            | 1.03            |
| Personal services .....           | 1,463             | 10.8                                       | 158                                      | (²)                                                                      | (²)         | (²)         | (²)         | (²)         | (²)         | (²)            | (²)                            | 1,306                                        | 57.7                                                                         | 16.1        | 12.0        | 4.0         | 3.0         | 1.2         | 6.2            | 164                            | (²)             |
| Private household services .....  | 458               | 1.6                                        | 7                                        | (²)                                                                      | (²)         | (²)         | (²)         | (²)         | (²)         | (²)            | (²)                            | 451                                          | 82.0                                                                         | 9.1         | 4.5         | 1.8         | .2          | .8          | 1.7            | 105                            | (²)             |
| Other personal services .....     | 1,005             | 14.9                                       | 150                                      | (²)                                                                      | (²)         | (²)         | (²)         | (²)         | (²)         | (²)            | (²)                            | 855                                          | 44.9                                                                         | 19.7        | 15.9        | 5.1         | 4.4         | 1.4         | 8.5            | 196                            | (²)             |
| Entertainment .....               | 385               | 15.5                                       | 60                                       | (²)                                                                      | (²)         | (²)         | (²)         | (²)         | (²)         | (²)            | (²)                            | 326                                          | 26.5                                                                         | 21.8        | 18.9        | 11.6        | 11.0        | 2.5         | 7.6            | 247                            | (²)             |
| Professional services .....       | 13,495            | 29.2                                       | 3,946                                    | 6.6                                                                      | 12.1        | 20.4        | 20.5        | 13.4        | 9.1         | 17.9           | 295                            | 9,549                                        | 19.1                                                                         | 21.8        | 16.3        | 14.2        | 9.1         | 5.5         | 14.0           | 260                            | 1.13            |
| Education .....                   | 5,492             | 48.8                                       | 2,678                                    | 6.3                                                                      | 8.8         | 19.8        | 21.9        | 12.1        | 10.2        | 20.8           | 303                            | 2,814                                        | 21.2                                                                         | 17.5        | 14.7        | 13.9        | 10.3        | 7.0         | 15.3           | 261                            | 1.16            |
| Hospitals .....                   | 3,218             | 19.8                                       | 636                                      | 3.6                                                                      | 20.9        | 25.7        | 18.2        | 18.6        | 5.8         | 7.3            | 266                            | 2,581                                        | 15.2                                                                         | 23.2        | 20.2        | 17.4        | 9.1         | 5.1         | 9.8            | 256                            | 1.04            |
| Other professional services ..... | 4,785             | 13.2                                       | 632                                      | 11.0                                                                     | 17.2        | 17.8        | 16.6        | 13.6        | 7.5         | 16.4           | 287                            | 4,154                                        | 20.0                                                                         | 23.9        | 15.0        | 12.4        | 8.3         | 4.8         | 15.7           | 262                            | 1.09            |
| Forestry and fisheries .....      | 69                | (²)                                        | 17                                       | (²)                                                                      | (²)         | (²)         | (²)         | (²)         | (²)         | (²)            | (²)                            | 51                                           | (²)                                                                          | (²)         | (²)         | (²)         | (²)         | (²)         | (²)            | (²)                            | (²)             |
| Public administration .....       | 4,695             | 43.4                                       | 2,037                                    | 1.1                                                                      | 7.4         | 11.5        | 17.2        | 20.2        | 16.0        | 26.6           | 348                            | 2,658                                        | 10.5                                                                         | 17.4        | 15.5        | 12.2        | 12.4        | 7.9         | 24.0           | 311                            | 1.12            |
| Federal, except postal .....      | 1,636             | 29.8                                       | 487                                      | .3                                                                       | 8.3         | 8.7         | 16.7        | 12.5        | 9.8         | 43.7           | 395                            | 1,149                                        | 8.0                                                                          | 13.0        | 12.9        | 11.0        | 13.2        | 8.6         | 33.2           | 366                            | 1.08            |
| Postal .....                      | 603               | 85.4                                       | 515                                      | 1.3                                                                      | .2          | 3.4         | 13.4        | 34.7        | 28.5        | 18.4           | 348                            | 88                                           | (²)                                                                          | (²)         | (²)         | (²)         | (²)         | (²)         | (²)            | (²)                            | (²)             |
| State .....                       | 872               | 32.3                                       | 282                                      | (²)                                                                      | (²)         | (²)         | (²)         | (²)         | (²)         | (²)            | (²)                            | 590                                          | 4.7                                                                          | 15.9        | 17.9        | 22.3        | 10.5        | 9.4         | 19.3           | 289                            | (²)             |
| Local .....                       | 1,584             | 47.5                                       | 753                                      | 2.0                                                                      | 8.6         | 19.3        | 20.1        | 17.2        | 12.1        | 20.6           | 316                            | 831                                          | 18.6                                                                         | 24.6        | 19.0        | 5.6         | 11.4        | 5.5         | 15.2           | 251                            | 1.26            |

<sup>1</sup> Ratio of earnings of workers covered by labor-management agreements to those not covered by agreements.

<sup>2</sup> Base less than 300,000 or percent less than 0.1.

NOTE: Due to rounding, sums of individual items may not equal totals. Dashes (-) indicate no workers in cell.



**Table 12. Age distribution of employed wage and salary workers by occupation, labor organization representation, sex, and race, May 1980**

(Numbers in thousands)

| Occupation of current job                              | Total<br>workers | Represented by labor organization |                   |                   |                   |                   |                   |                         |               | Not represented by labor organization |                   |                   |                   |                   |                   |                         |               |
|--------------------------------------------------------|------------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|---------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|
|                                                        |                  | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                                 | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |
| Both sexes                                             |                  |                                   |                   |                   |                   |                   |                   |                         |               |                                       |                   |                   |                   |                   |                   |                         |               |
| All occupations¹ .....                                 | 87,480           | 22,493                            | 117               | 2,874             | 6,767             | 4,990             | 7,490             | 256                     | 37.7          | 64,986                                | 2,643             | 14,433            | 17,330            | 12,098            | 16,562            | 1,920                   | 33.8          |
| White-collar occupations .....                         | 45,955           | 8,483                             | 37                | 915               | 2,839             | 1,983             | 2,594             | 115                     | 37.2          | 37,472                                | 713               | 6,872             | 10,882            | 7,797             | 10,233            | 974                     | 35.3          |
| Professional, technical,<br>and kindred workers .....  | 14,436           | 3,997                             | 4                 | 279               | 1,522             | 1,013             | 1,132             | 47                      | 36.5          | 10,439                                | 44                | 1,404             | 3,788             | 2,424             | 2,563             | 216                     | 34.8          |
| Managers and administrators,<br>except farm .....      | 8,953            | 868                               | 2                 | 45                | 243               | 223               | 341               | 15                      | 42.2          | 8,086                                 | 7                 | 684               | 2,184             | 2,002             | 2,967             | 241                     | 40.5          |
| Clerical and kindred workers .....                     | 17,507           | 3,365                             | 26                | 544               | 994               | 708               | 1,046             | 47                      | 37.1          | 14,142                                | 407               | 3,720             | 3,700             | 2,517             | 3,492             | 307                     | 32.8          |
| Sales workers .....                                    | 5,059            | 253                               | 5                 | 47                | 80                | 40                | 75                | 6                       | 34.1          | 4,805                                 | 256               | 1,065             | 1,210             | 853               | 1,211             | 211                     | 33.9          |
| Blue-collar workers .....                              | 28,414           | 11,763                            | 63                | 1,659             | 3,361             | 2,532             | 4,061             | 87                      | 37.6          | 16,651                                | 700               | 4,653             | 4,348             | 2,756             | 3,848             | 346                     | 31.3          |
| Craft and kindred workers .....                        | 11,083           | 4,571                             | 6                 | 475               | 1,343             | 1,033             | 1,687             | 28                      | 38.8          | 6,512                                 | 76                | 1,464             | 1,939             | 1,215             | 1,702             | 116                     | 33.8          |
| Carpenters .....                                       | 836              | 284                               | 2                 | 38                | 103               | 50                | 91                | -                       | 34.9          | 552                                   | 9                 | 171               | 173               | 70                | 119               | 11                      | 29.5          |
| Construction craft workers,<br>except carpenters ..... | 2,212            | 1,116                             | 2                 | 114               | 368               | 232               | 388               | 11                      | 37.1          | 1,096                                 | 21                | 287               | 323               | 183               | 262               | 20                      | 31.7          |
| Mechanics and repairers .....                          | 4,234            | 1,815                             | -                 | 185               | 505               | 436               | 684               | 4                       | 39.4          | 2,419                                 | 28                | 624               | 793               | 414               | 525               | 37                      | 31.8          |
| Operatives and kindred workers .....                   | 13,208           | 5,743                             | 15                | 837               | 1,618             | 1,251             | 1,978             | 44                      | 37.7          | 7,465                                 | 210               | 2,080             | 1,927             | 1,302             | 1,785             | 161                     | 31.7          |
| Operatives, except transport .....                     | 9,982            | 4,229                             | 13                | 669               | 1,188             | 866               | 1,457             | 36                      | 37.3          | 5,753                                 | 177               | 1,616             | 1,465             | 1,013             | 1,372             | 109                     | 31.5          |
| Drivers and delivery workers .....                     | 2,719            | 1,168                             | -                 | 104               | 328               | 312               | 416               | 8                       | 39.3          | 1,551                                 | 29                | 409               | 417               | 269               | 381               | 47                      | 33.0          |
| Other transport equipment<br>operatives .....          | 507              | 346                               | 2                 | 64                | 102               | 74                | 105               | -                       | 35.7          | 161                                   | 3                 | 55                | 46                | 20                | 32                | 5                       | 27.7          |
| Nonfarm laborers .....                                 | 4,123            | 1,448                             | 43                | 347               | 400               | 248               | 396               | 15                      | 32.2          | 2,674                                 | 414               | 1,109             | 482               | 239               | 361               | 69                      | 23.7          |
| Construction .....                                     | 771              | 265                               | 3                 | 46                | 77                | 40                | 95                | 3                       | 35.2          | 506                                   | 27                | 239               | 106               | 56                | 76                | 3                       | 24.8          |
| Manufacturing .....                                    | 836              | 436                               | -                 | 84                | 130               | 100               | 118               | 5                       | 34.6          | 400                                   | 16                | 160               | 95                | 52                | 73                | 5                       | 27.3          |
| All other nonfarm laborers .....                       | 2,516            | 747                               | 39                | 217               | 194               | 107               | 183               | 8                       | 30.0          | 1,768                                 | 371               | 711               | 280               | 131               | 212               | 62                      | 22.5          |
| Service workers, including<br>private household .....  | 12,074           | 2,221                             | 17                | 296               | 558               | 470               | 828               | 52                      | 39.7          | 9,853                                 | 1,127             | 2,629             | 1,895             | 1,378             | 2,271             | 553                     | 30.9          |
| Men                                                    |                  |                                   |                   |                   |                   |                   |                   |                         |               |                                       |                   |                   |                   |                   |                   |                         |               |
| All occupations¹ .....                                 | 49,348           | 15,302                            | 77                | 1,931             | 4,566             | 3,363             | 5,210             | 154                     | 37.9          | 34,046                                | 1,430             | 7,158             | 9,245             | 6,252             | 8,877             | 1,085                   | 34.1          |
| White-collar occupations .....                         | 20,725           | 3,923                             | 13                | 330               | 1,233             | 942               | 1,350             | 56                      | 38.9          | 16,803                                | 196               | 2,109             | 5,022             | 3,766             | 5,172             | 537                     | 37.4          |
| Professional, technical,<br>and kindred workers .....  | 7,783            | 1,836                             | -                 | 99                | 661               | 497               | 560               | 19                      | 37.6          | 5,948                                 | 23                | 633               | 2,091             | 1,406             | 1,668             | 126                     | 36.0          |
| Managers and administrators,<br>except farm .....      | 6,626            | 697                               | 1                 | 32                | 191               | 185               | 278               | 10                      | 42.3          | 5,929                                 | 4                 | 399               | 1,540             | 1,536             | 2,262             | 188                     | 41.4          |
| Clerical and kindred workers .....                     | 3,497            | 1,272                             | 10                | 178               | 339               | 242               | 477               | 25                      | 39.9          | 2,225                                 | 77                | 582               | 596               | 307               | 557               | 105                     | 32.6          |
| Sales workers .....                                    | 2,819            | 118                               | 2                 | 20                | 42                | 18                | 35                | 2                       | 34.5          | 2,701                                 | 92                | 495               | 793               | 518               | 685               | 118                     | 34.9          |
| Blue-collar workers .....                              | 23,071           | 10,059                            | 53                | 1,433             | 2,951             | 2,135             | 3,423             | 64                      | 37.2          | 13,012                                | 627               | 3,817             | 3,431             | 2,014             | 2,851             | 271                     | 30.4          |
| Craft and kindred workers .....                        | 10,484           | 4,433                             | 6                 | 455               | 1,302             | 995               | 1,650             | 26                      | 38.8          | 6,051                                 | 71                | 1,364             | 1,797             | 1,127             | 1,587             | 105                     | 33.8          |
| Carpenters .....                                       | 824              | 282                               | 2                 | 38                | 101               | 50                | 91                | -                       | 35.0          | 542                                   | 9                 | 160               | 173               | 70                | 119               | 11                      | 29.6          |
| Construction craft workers,<br>except carpenters ..... | 2,187            | 1,103                             | 2                 | 110               | 365               | 228               | 387               | 11                      | 37.2          | 1,084                                 | 20                | 283               | 318               | 181               | 261               | 20                      | 31.9          |
| Mechanics and repairers .....                          | 4,131            | 1,780                             | -                 | 177               | 493               | 426               | 679               | 4                       | 39.4          | 2,351                                 | 28                | 606               | 767               | 399               | 517               | 35                      | 31.8          |

See footnotes at end of table.



Table 12. Continued—Age distribution of employed wage and salary workers by occupation, labor organization representation, sex, and race, May 1980

(Numbers in thousands)

| Occupation of current job                              | Total<br>workers | Represented by labor organization |                   |                   |                   |                   |                   |                         |               | Not represented by labor organization |                   |                   |                   |                   |                   |                         |               |
|--------------------------------------------------------|------------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|---------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|
|                                                        |                  | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                                 | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |
| Men—Continued                                          |                  |                                   |                   |                   |                   |                   |                   |                         |               |                                       |                   |                   |                   |                   |                   |                         |               |
| Operatives and kindred workers .....                   | 8,893            | 4,295                             | 9                 | 666               | 1,277             | 916               | 1,404             | 23                      | 36.6          | 4,598                                 | 169               | 1,451             | 1,229             | 697               | 954               | 98                      | 29.5          |
| Operatives, except transport .....                     | 5,940            | 2,872                             | 9                 | 501               | 879               | 560               | 908               | 15                      | 35.4          | 3,068                                 | 137               | 1,015             | 819               | 468               | 576               | 52                      | 28.4          |
| Drivers and delivery workers .....                     | 2,467            | 1,090                             | -                 | 100               | 298               | 286               | 398               | 8                       | 39.7          | 1,377                                 | 29                | 382               | 367               | 211               | 346               | 41                      | 32.5          |
| Other transport equipment<br>operatives .....          | 487              | 333                               | -                 | 64                | 100               | 70                | 99                | -                       | 35.5          | 154                                   | 3                 | 54                | 42                | 17                | 32                | 5                       | 27.7          |
| Nonfarm laborers .....                                 | 3,694            | 1,331                             | 39                | 312               | 373               | 224               | 368               | 15                      | 32.3          | 2,363                                 | 387               | 1,001             | 405               | 191               | 311               | 68                      | 23.3          |
| Construction .....                                     | 757              | 264                               | 3                 | 46                | 76                | 40                | 95                | 3                       | 35.4          | 494                                   | 25                | 232               | 105               | 53                | 76                | 3                       | 25.0          |
| Manufacturing .....                                    | 708              | 383                               | -                 | 74                | 120               | 83                | 102               | 5                       | 34.0          | 325                                   | 16                | 131               | 77                | 41                | 56                | 5                       | 27.1          |
| All other nonfarm laborers .....                       | 2,228            | 684                               | 35                | 192               | 178               | 100               | 171               | 8                       | 30.1          | 1,544                                 | 347               | 638               | 223               | 97                | 178               | 61                      | 21.8          |
| Service workers, including<br>private household .....  | 4,693            | 1,296                             | 11                | 165               | 374               | 282               | 432               | 32                      | 38.4          | 3,396                                 | 521               | 1,012             | 625               | 334               | 673               | 231                     | 27.5          |
| White men                                              |                  |                                   |                   |                   |                   |                   |                   |                         |               |                                       |                   |                   |                   |                   |                   |                         |               |
| All occupations <sup>1</sup> .....                     | 44,085           | 13,375                            | 67                | 1,681             | 3,986             | 2,913             | 4,590             | 137                     | 37.9          | 30,711                                | 1,311             | 6,393             | 8,286             | 5,638             | 8,111             | 970                     | 34.2          |
| White-collar occupations .....                         | 19,257           | 3,490                             | 10                | 261               | 1,103             | 844               | 1,218             | 54                      | 39.1          | 15,767                                | 172               | 1,935             | 4,655             | 3,531             | 4,962             | 512                     | 37.7          |
| Professional, technical,<br>and kindred workers .....  | 7,191            | 1,666                             | -                 | 81                | 601               | 453               | 512               | 19                      | 37.7          | 5,524                                 | 21                | 593               | 1,932             | 1,287             | 1,583             | 108                     | 36.1          |
| Managers and administrators,<br>except farm .....      | 6,357            | 641                               | 1                 | 29                | 180               | 162               | 259               | 10                      | 42.5          | 5,716                                 | 3                 | 383               | 1,460             | 1,482             | 2,201             | 187                     | 41.6          |
| Clerical and kindred workers .....                     | 3,007            | 1,078                             | 7                 | 136               | 283               | 213               | 416               | 23                      | 40.8          | 1,929                                 | 62                | 496               | 502               | 261               | 507               | 102                     | 33.2          |
| Sales workers .....                                    | 2,701            | 105                               | 2                 | 16                | 39                | 16                | 31                | 2                       | 34.6          | 2,597                                 | 85                | 464               | 762               | 500               | 671               | 116                     | 35.1          |
| Blue-collar workers .....                              | 20,273           | 8,816                             | 46                | 1,285             | 2,567             | 1,844             | 3,017             | 57                      | 37.3          | 11,457                                | 590               | 3,420             | 3,004             | 1,732             | 2,480             | 232                     | 30.1          |
| Craft and kindred workers .....                        | 9,608            | 4,078                             | 4                 | 412               | 1,198             | 902               | 1,537             | 26                      | 39.1          | 5,530                                 | 65                | 1,268             | 1,651             | 1,005             | 1,444             | 97                      | 33.6          |
| Carpenters .....                                       | 765              | 268                               | 2                 | 36                | 96                | 47                | 87                | -                       | 34.9          | 498                                   | 9                 | 152               | 163               | 62                | 107               | 7                       | 29.0          |
| Construction craft workers,<br>except carpenters ..... | 1,950            | 1,009                             | -                 | 94                | 332               | 214               | 357               | 11                      | 37.6          | 940                                   | 18                | 258               | 279               | 152               | 212               | 20                      | 31.4          |
| Mechanics and repairers .....                          | 3,811            | 1,639                             | -                 | 165               | 454               | 386               | 628               | 4                       | 39.5          | 2,172                                 | 25                | 568               | 712               | 361               | 471               | 35                      | 31.7          |
| Operatives and kindred workers .....                   | 7,561            | 3,642                             | 9                 | 593               | 1,066             | 765               | 1,191             | 19                      | 36.5          | 3,919                                 | 157               | 1,261             | 1,029             | 583               | 799               | 90                      | 29.2          |
| Operatives, except transport .....                     | 5,084            | 2,440                             | 9                 | 437               | 737               | 465               | 781               | 11                      | 35.5          | 2,644                                 | 128               | 896               | 693               | 389               | 489               | 48                      | 28.1          |
| Drivers and delivery workers .....                     | 2,087            | 920                               | -                 | 96                | 246               | 242               | 327               | 8                       | 39.2          | 1,166                                 | 26                | 328               | 304               | 182               | 289               | 37                      | 32.3          |
| Other transport equipment<br>operatives .....          | 391              | 282                               | -                 | 60                | 82                | 58                | 82                | -                       | 35.0          | 109                                   | 3                 | 37                | 32                | 12                | 20                | 5                       | 27.8          |
| Nonfarm laborers .....                                 | 3,104            | 1,096                             | 33                | 280               | 303               | 177               | 290               | 12                      | 31.4          | 2,009                                 | 368               | 891               | 324               | 144               | 237               | 45                      | 22.6          |
| Construction .....                                     | 634              | 214                               | 3                 | 40                | 62                | 32                | 75                | 2                       | 35.1          | 420                                   | 24                | 208               | 91                | 37                | 58                | 3                       | 24.5          |
| Manufacturing .....                                    | 572              | 316                               | -                 | 65                | 94                | 69                | 84                | 4                       | 34.1          | 256                                   | 14                | 115               | 57                | 27                | 39                | 3                       | 26.2          |
| All other nonfarm laborers .....                       | 1,898            | 565                               | 30                | 176               | 146               | 75                | 131               | 6                       | 29.4          | 1,333                                 | 330               | 567               | 176               | 80                | 140               | 39                      | 21.3          |
| Service workers, including<br>private household .....  | 3,825            | 1,051                             | 11                | 131               | 308               | 224               | 350               | 26                      | 38.2          | 2,774                                 | 467               | 840               | 478               | 273               | 527               | 190                     | 26.9          |

See footnotes at end of table.



**Table 12. Continued—Age distribution of employed wage and salary workers by occupation, labor organization representation, sex, and race, May 1980**

(Numbers in thousands)

| Occupation of current job                              | Total<br>workers | Represented by labor organization |                   |                   |                   |                   |                   |                         |               | Not represented by labor organization |                   |                   |                   |                   |                   |                         |               |
|--------------------------------------------------------|------------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|---------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|
|                                                        |                  | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                                 | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |
| <b>Black and other men</b>                             |                  |                                   |                   |                   |                   |                   |                   |                         |               |                                       |                   |                   |                   |                   |                   |                         |               |
| All occupations¹ .....                                 | 5,262            | 1,927                             | 11                | 250               | 580               | 449               | 621               | 17                      | 37.3          | 3,335                                 | 119               | 764               | 959               | 613               | 765               | 115                     | 33.3          |
| White-collar occupations .....                         | 1,469            | 433                               | 3                 | 68                | 130               | 98                | 132               | 1                       | 37.1          | 1,036                                 | 25                | 174               | 366               | 235               | 211               | 25                      | 34.1          |
| Professional, technical,<br>and kindred workers .....  | 593              | 170                               | -                 | 18                | 60                | 44                | 48                | -                       | 36.9          | 423                                   | 2                 | 40                | 159               | 119               | 86                | 18                      | 35.1          |
| Managers and administrators,<br>except farm .....      | 269              | 56                                | -                 | 3                 | 11                | 24                | 19                | -                       | 41.5          | 213                                   | (²)               | 17                | 81                | 54                | 61                | 1                       | 37.8          |
| Clerical and kindred workers .....                     | 490              | 194                               | 3                 | 43                | 56                | 29                | 61                | 1                       | 35.6          | 296                                   | 16                | 86                | 95                | 45                | 50                | 4                       | 30.2          |
| Sales workers .....                                    | 117              | 13                                | -                 | 5                 | 3                 | 2                 | 4                 | -                       | 34.0          | 104                                   | 7                 | 31                | 32                | 18                | 14                | 2                       | 28.4          |
| Blue-collar workers .....                              | 2,797            | 1,243                             | 7                 | 148               | 384               | 291               | 405               | 7                       | 36.8          | 1,555                                 | 38                | 396               | 427               | 283               | 371               | 40                      | 32.9          |
| Craft and kindred workers .....                        | 876              | 355                               | 2                 | 43                | 103               | 93                | 114               | -                       | 36.6          | 521                                   | 6                 | 96                | 146               | 122               | 142               | 8                       | 35.7          |
| Carpenters .....                                       | 58               | 15                                | -                 | 2                 | 6                 | 3                 | 4                 | -                       | 40.7          | 44                                    | -                 | 8                 | 10                | 9                 | 12                | 5                       | 42.0          |
| Construction craft workers,<br>except carpenters ..... | 237              | 93                                | 2                 | 16                | 33                | 13                | 29                | -                       | 33.3          | 144                                   | 2                 | 25                | 39                | 30                | 49                | -                       | 36.4          |
| Mechanics and repairers .....                          | 320              | 141                               | -                 | 12                | 39                | 40                | 50                | -                       | 38.4          | 179                                   | 3                 | 38                | 55                | 38                | 45                | (²)                     | 33.5          |
| Operatives and kindred workers .....                   | 1,332            | 653                               | -                 | 73                | 211               | 151               | 214               | 4                       | 37.4          | 679                                   | 12                | 190               | 200               | 114               | 155               | 8                       | 31.4          |
| Operatives, except transport .....                     | 856              | 433                               | -                 | 65                | 142               | 95                | 127               | 4                       | 35.1          | 423                                   | 9                 | 118               | 126               | 80                | 86                | 4                       | 30.5          |
| Drivers and delivery workers .....                     | 380              | 170                               | -                 | 4                 | 51                | 44                | 71                | -                       | 41.9          | 211                                   | 3                 | 54                | 63                | 29                | 57                | 4                       | 33.6          |
| Other transport equipment<br>operatives .....          | 96               | 51                                | -                 | 5                 | 18                | 12                | 17                | -                       | 40.4          | 45                                    | -                 | 17                | 11                | 5                 | 12                | (²)                     | 27.6          |
| Nonfarm laborers .....                                 | 589              | 235                               | 5                 | 32                | 70                | 47                | 78                | 3                       | 35.5          | 354                                   | 20                | 110               | 81                | 47                | 73                | 23                      | 29.0          |
| Construction .....                                     | 123              | 49                                | -                 | 7                 | 14                | 8                 | 20                | 1                       | 36.0          | 73                                    | 2                 | 24                | 14                | 16                | 17                | -                       | 34.0          |
| Manufacturing .....                                    | 136              | 67                                | -                 | 9                 | 25                | 14                | 18                | (²)                     | 33.7          | 70                                    | 1                 | 16                | 20                | 14                | 17                | 2                       | 30.0          |
| All other nonfarm laborers .....                       | 330              | 119                               | 5                 | 16                | 31                | 25                | 40                | 1                       | 38.0          | 211                                   | 17                | 71                | 47                | 17                | 38                | 21                      | 27.1          |
| Service workers, including<br>private household .....  | 868              | 245                               | -                 | 34                | 65                | 58                | 82                | 6                       | 39.3          | 623                                   | 54                | 172               | 147               | 62                | 146               | 41                      | 30.0          |
| <b>Women</b>                                           |                  |                                   |                   |                   |                   |                   |                   |                         |               |                                       |                   |                   |                   |                   |                   |                         |               |
| All occupations¹ .....                                 | 38,132           | 7,191                             | 40                | 943               | 2,200             | 1,627             | 2,280             | 102                     | 37.3          | 30,940                                | 1,213             | 7,276             | 8,085             | 5,847             | 7,685             | 835                     | 33.4          |
| White-collar occupations .....                         | 25,229           | 4,560                             | 24                | 585               | 1,606             | 1,042             | 1,244             | 59                      | 35.7          | 20,669                                | 517               | 4,763             | 5,861             | 4,031             | 5,061             | 437                     | 33.4          |
| Professional, technical,<br>and kindred workers .....  | 6,652            | 2,161                             | 4                 | 180               | 861               | 517               | 572               | 27                      | 35.5          | 4,491                                 | 21                | 770               | 1,697             | 1,019             | 895               | 90                      | 32.9          |
| Managers and administrators,<br>except farm .....      | 2,327            | 171                               | (²)               | 13                | 52                | 37                | 62                | 5                       | 41.7          | 2,156                                 | 4                 | 285               | 643               | 466               | 705               | 53                      | 38.0          |
| Clerical and kindred workers .....                     | 14,010           | 2,093                             | 16                | 366               | 654               | 466               | 569               | 22                      | 35.6          | 11,917                                | 329               | 3,138             | 3,103             | 2,210             | 2,935             | 201                     | 32.8          |
| Sales workers .....                                    | 2,240            | 135                               | 4                 | 27                | 38                | 22                | 40                | 5                       | 33.4          | 2,105                                 | 164               | 570               | 417               | 336               | 526               | 93                      | 32.4          |
| Blue-collar workers .....                              | 5,343            | 1,704                             | 10                | 226               | 410               | 397               | 638               | 23                      | 39.9          | 3,639                                 | 73                | 837               | 917               | 742               | 997               | 74                      | 34.7          |
| Craft and kindred workers .....                        | 599              | 138                               | -                 | 20                | 41                | 38                | 37                | 2                       | 38.6          | 461                                   | 5                 | 100               | 142               | 88                | 115               | 10                      | 33.7          |
| Carpenters .....                                       | 12               | 1                                 | -                 | -                 | 1                 | -                 | -                 | -                       | 27.0          | 11                                    | -                 | 11                | -                 | -                 | -                 | -                       | 21.3          |
| Construction craft workers,<br>except carpenters ..... | 25               | 13                                | -                 | 4                 | 3                 | 5                 | 2                 | -                       | 32.0          | 12                                    | (²)               | 4                 | 5                 | 2                 | 1                 | -                       | 24.7          |
| Mechanics and repairers .....                          | 103              | 35                                | -                 | 8                 | 12                | 9                 | 5                 | -                       | 31.0          | 68                                    | -                 | 17                | 26                | 15                | 8                 | 2                       | 29.4          |

See footnotes at end of table.



Table 12. Continued—Age distribution of employed wage and salary workers by occupation, labor organization representation, sex, and race, May 1980

(Numbers in thousands)

| Occupation of current job                              | Total<br>workers | Represented by labor organization |                   |                   |                   |                   |                   |                         |               | Not represented by labor organization |                   |                   |                   |                   |                   |                         |               |  |
|--------------------------------------------------------|------------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|---------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|--|
|                                                        |                  | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                                 | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |  |
| Women—Continued                                        |                  |                                   |                   |                   |                   |                   |                   |                         |               |                                       |                   |                   |                   |                   |                   |                         |               |  |
| Operatives and kindred workers .....                   | 4,315            | 1,448                             | 6                 | 172               | 342               | 335               | 574               | 21                      | 40.8          | 2,867                                 | 40                | 629               | 698               | 606               | 831               | 62                      | 35.9          |  |
| Operatives, except transport .....                     | 4,043            | 1,357                             | 4                 | 168               | 309               | 306               | 549               | 21                      | 41.5          | 2,685                                 | 40                | 601               | 646               | 545               | 796               | 57                      | 35.8          |  |
| Drivers and delivery workers .....                     | 252              | 78                                | -                 | 4                 | 31                | 25                | 18                | -                       | 35.8          | 174                                   | -                 | 27                | 49                | 58                | 35                | 5                       | 36.7          |  |
| Other transport equipment<br>operatives .....          | 21               | 13                                | 2                 | -                 | 2                 | 4                 | 6                 | -                       | 39.0          | 7                                     | -                 | 1                 | 3                 | 3                 | -                 | -                       | 27.5          |  |
| Nonfarm laborers .....                                 | 429              | 118                               | 4                 | 35                | 27                | 24                | 28                | -                       | 31.7          | 311                                   | 27                | 108               | 77                | 48                | 50                | 1                       | 26.6          |  |
| Construction .....                                     | 14               | 1                                 | -                 | -                 | 1                 | -                 | -                 | -                       | 30.0          | 12                                    | 2                 | 6                 | 1                 | 3                 | -                 | -                       | 22.0          |  |
| Manufacturing .....                                    | 128              | 53                                | -                 | 10                | 10                | 18                | 16                | -                       | 37.6          | 75                                    | -                 | 29                | 19                | 11                | 16                | -                       | 28.3          |  |
| All other nonfarm laborers .....                       | 287              | 63                                | 4                 | 25                | 16                | 6                 | 12                | -                       | 29.0          | 224                                   | 25                | 73                | 57                | 34                | 34                | 1                       | 26.8          |  |
| Service workers, including<br>private household .....  | 7,382            | 925                               | 6                 | 131               | 184               | 188               | 396               | 20                      | 41.6          | 6,457                                 | 606               | 1,617             | 1,270             | 1,044             | 1,598             | 321                     | 32.6          |  |
| White women                                            |                  |                                   |                   |                   |                   |                   |                   |                         |               |                                       |                   |                   |                   |                   |                   |                         |               |  |
| All occupations <sup>1</sup> .....                     | 33,059           | 5,801                             | 34                | 793               | 1,753             | 1,275             | 1,854             | 92                      | 37.4          | 27,258                                | 1,116             | 6,507             | 6,982             | 5,105             | 6,825             | 723                     | 33.3          |  |
| White-collar occupations .....                         | 22,636           | 3,792                             | 20                | 496               | 1,303             | 846               | 1,071             | 55                      | 36.0          | 18,844                                | 463               | 4,283             | 5,190             | 3,678             | 4,808             | 422                     | 33.8          |  |
| Professional, technical,<br>and kindred workers .....  | 5,866            | 1,835                             | 2                 | 160               | 741               | 425               | 482               | 25                      | 35.4          | 4,032                                 | 19                | 707               | 1,494             | 915               | 816               | 80                      | 33.0          |  |
| Managers and administrators,<br>except farm .....      | 2,154            | 140                               | -                 | 13                | 42                | 32                | 50                | 4                       | 42.2          | 2,014                                 | 3                 | 270               | 584               | 434               | 673               | 50                      | 38.3          |  |
| Clerical and kindred workers .....                     | 12,530           | 1,698                             | 15                | 300               | 489               | 369               | 504               | 22                      | 36.8          | 10,832                                | 290               | 2,789             | 2,735             | 2,007             | 2,811             | 201                     | 33.4          |  |
| Sales workers .....                                    | 2,086            | 119                               | 4                 | 24                | 32                | 20                | 36                | 5                       | 33.7          | 1,967                                 | 151               | 517               | 378               | 322               | 508               | 91                      | 33.1          |  |
| Blue-collar workers .....                              | 4,463            | 1,379                             | 10                | 188               | 316               | 317               | 526               | 23                      | 40.2          | 3,084                                 | 69                | 725               | 732               | 625               | 869               | 64                      | 34.9          |  |
| Craft and kindred workers .....                        | 523              | 120                               | -                 | 18                | 36                | 34                | 30                | 2                       | 38.0          | 403                                   | 5                 | 85                | 116               | 82                | 104               | 10                      | 33.8          |  |
| Carpenters .....                                       | 8                | 1                                 | -                 | -                 | 1                 | -                 | -                 | -                       | 27.0          | 7                                     | -                 | 7                 | -                 | -                 | -                 | -                       | 23.0          |  |
| Construction craft workers,<br>except carpenters ..... | 24               | 12                                | -                 | 4                 | 2                 | 5                 | 2                 | -                       | 31.0          | 12                                    | ( <sup>2</sup> )  | 4                 | 5                 | 2                 | 1                 | -                       | 24.7          |  |
| Mechanics and repairers .....                          | 87               | 28                                | -                 | 6                 | 11                | 7                 | 3                 | -                       | 30.5          | 59                                    | -                 | 15                | 22                | 13                | 8                 | 2                       | 29.0          |  |
| Operatives and kindred workers .....                   | 3,561            | 1,164                             | 6                 | 140               | 264               | 261               | 472               | 21                      | 41.2          | 2,397                                 | 40                | 537               | 547               | 500               | 720               | 53                      | 36.2          |  |
| Operatives, except transport .....                     | 3,319            | 1,089                             | 4                 | 136               | 237               | 238               | 453               | 21                      | 42.0          | 2,229                                 | 40                | 510               | 502               | 442               | 686               | 49                      | 36.2          |  |
| Drivers and delivery workers .....                     | 224              | 63                                | -                 | 4                 | 26                | 20                | 14                | -                       | 35.4          | 161                                   | -                 | 26                | 42                | 55                | 34                | 4                       | 37.1          |  |
| Other transport equipment<br>operatives .....          | 18               | 11                                | 2                 | -                 | 1                 | 4                 | 5                 | -                       | 39.0          | 7                                     | -                 | 1                 | 3                 | 3                 | -                 | -                       | 27.5          |  |
| Nonfarm laborers .....                                 | 379              | 95                                | 4                 | 30                | 16                | 22                | 23                | -                       | 30.8          | 284                                   | 23                | 103               | 69                | 42                | 44                | 1                       | 26.0          |  |
| Construction .....                                     | 14               | 1                                 | -                 | -                 | 1                 | -                 | -                 | -                       | 30.0          | 12                                    | 2                 | 6                 | 1                 | 3                 | -                 | -                       | 22.0          |  |
| Manufacturing .....                                    | 114              | 46                                | -                 | 10                | 7                 | 15                | 14                | -                       | 37.5          | 68                                    | -                 | 27                | 16                | 8                 | 16                | -                       | 27.5          |  |
| All other nonfarm laborers .....                       | 251              | 48                                | 4                 | 20                | 8                 | 6                 | 10                | -                       | 28.3          | 203                                   | 22                | 70                | 51                | 31                | 28                | 1                       | 26.2          |  |
| Service workers, including<br>private household .....  | 5,820            | 631                               | 4                 | 108               | 134               | 112               | 257               | 14                      | 40.5          | 5,190                                 | 572               | 1,446             | 1,031             | 784               | 1,121             | 236                     | 30.3          |  |

See footnotes at end of table.



Table 12. Continued—Age distribution of employed wage and salary workers by occupation, labor organization representation, sex, and race, May 1980

(Numbers in thousands)

| Occupation of current job                           | Total workers | Represented by labor organization |                  |                |                |                |                  |                   |            | Not represented by labor organization |                |                |                |                |                  |                   |            |
|-----------------------------------------------------|---------------|-----------------------------------|------------------|----------------|----------------|----------------|------------------|-------------------|------------|---------------------------------------|----------------|----------------|----------------|----------------|------------------|-------------------|------------|
|                                                     |               | Total                             | 16 to 17 years   | 18 to 24 years | 25 to 34 years | 35 to 44 years | 45 to 64 years   | 65 years and over | Median age | Total                                 | 16 to 17 years | 18 to 24 years | 25 to 34 years | 35 to 44 years | 45 to 64 years   | 65 years and over | Median age |
| <b>Black and other women</b>                        |               |                                   |                  |                |                |                |                  |                   |            |                                       |                |                |                |                |                  |                   |            |
| All occupations <sup>1</sup> .....                  | 5,072         | 1,390                             | 6                | 150            | 447            | 353            | 425              | 10                | 37.0       | 3,682                                 | 97             | 769            | 1,103          | 741            | 860              | 112               | 33.6       |
| White-collar occupations .....                      | 2,593         | 768                               | 4                | 89             | 303            | 196            | 173              | 4                 | 34.3       | 1,825                                 | 55             | 480            | 670            | 352            | 253              | 15                | 30.4       |
| Professional, technical, and kindred workers .....  | 786           | 327                               | 2                | 20             | 120            | 92             | 91               | 2                 | 36.5       | 459                                   | 1              | 63             | 203            | 103            | 78               | 10                | 32.7       |
| Managers and administrators, except farm .....      | 173           | 30                                | ( <sup>2</sup> ) | -              | 11             | 5              | 12               | 2                 | 40.0       | 143                                   | 1              | 15             | 60             | 32             | 32               | 3                 | 34.9       |
| Clerical and kindred workers .....                  | 1,480         | 395                               | 1                | 66             | 165            | 97             | 65               | -                 | 32.5       | 1,085                                 | 39             | 349            | 368            | 204            | 124              | ( <sup>2</sup> )  | 28.9       |
| Sales workers .....                                 | 154           | 16                                | -                | 3              | 7              | 2              | 5                | -                 | 31.0       | 138                                   | 13             | 53             | 39             | 14             | 18               | 2                 | 25.7       |
| Blue-collar workers .....                           | 881           | 326                               | -                | 39             | 94             | 80             | 113              | -                 | 39.0       | 555                                   | 3              | 112            | 185            | 117            | 128              | 10                | 34.3       |
| Craft and kindred workers .....                     | 76            | 18                                | -                | 2              | 6              | 4              | 6                | -                 | 42.0       | 58                                    | -              | 15             | 26             | 6              | 11               | -                 | 33.4       |
| Carpenters .....                                    | 4             | -                                 | -                | -              | -              | -              | -                | -                 | -          | 4                                     | -              | 4              | -              | -              | -                | -                 | 20.0       |
| Construction craft workers, except carpenters ..... | 1             | 1                                 | -                | -              | 1              | -              | ( <sup>2</sup> ) | -                 | 42.0       | -                                     | -              | -              | -              | -              | -                | -                 | -          |
| Mechanics and repairers .....                       | 15            | 7                                 | -                | 2              | 2              | 2              | 1                | -                 | 36.0       | 8                                     | -              | 2              | 4              | 2              | ( <sup>2</sup> ) | -                 | 32.0       |
| Operatives and kindred workers .....                | 754           | 285                               | -                | 32             | 78             | 74             | 102              | -                 | 39.4       | 469                                   | -              | 92             | 152            | 105            | 111              | 10                | 34.7       |
| Operatives, except transport .....                  | 724           | 268                               | -                | 32             | 72             | 68             | 96               | -                 | 39.4       | 456                                   | -              | 91             | 144            | 103            | 111              | 8                 | 34.8       |
| Drivers and delivery workers .....                  | 28            | 15                                | -                | -              | 5              | 5              | 4                | -                 | 38.0       | 13                                    | -              | 1              | 8              | 3              | ( <sup>2</sup> ) | 2                 | 29.0       |
| Other transport equipment operatives .....          | 2             | 2                                 | -                | -              | 1              | -              | 1                | -                 | 45.0       | -                                     | -              | -              | -              | -              | -                | -                 | -          |
| Nonfarm laborers .....                              | 50            | 23                                | -                | 5              | 10             | 2              | 5                | -                 | 34.0       | 28                                    | 3              | 5              | 8              | 6              | 6                | -                 | 32.0       |
| Manufacturing .....                                 | 14            | 7                                 | -                | -              | 3              | 2              | 2                | -                 | 38.0       | 7                                     | -              | 2              | 2              | 3              | -                | -                 | 32.0       |
| All other nonfarm laborers .....                    | 36            | 15                                | -                | 5              | 7              | -              | 3                | -                 | 32.7       | 21                                    | 3              | 3              | 5              | 3              | 6                | -                 | 31.0       |
| Service workers, including private household .....  | 1,561         | 294                               | 2                | 22             | 50             | 75             | 139              | 6                 | 43.5       | 1,267                                 | 34             | 171            | 239            | 260            | 477              | 85                | 42.3       |

- <sup>1</sup> Includes farm workers not shown separately.  
<sup>2</sup> Fewer than 500 workers.

NOTE: Due to rounding, sums of individual items may not equal totals. Dashes (-) indicate no workers in cell.



**Table 13. Age distribution of employed wage and salary workers by occupation, labor organization membership, sex and race, May 1980**

(Numbers in thousands)

| Occupation of current job                              | Total<br>workers | Workers in labor organization |                   |                   |                   |                   |                   |                         |               | Workers not in labor organization |                   |                   |                   |                   |                   |                         |               |
|--------------------------------------------------------|------------------|-------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|
|                                                        |                  | Total                         | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |
| Both sexes                                             |                  |                               |                   |                   |                   |                   |                   |                         |               |                                   |                   |                   |                   |                   |                   |                         |               |
| All occupations¹ .....                                 | 87,480           | 20,095                        | 94                | 2,493             | 5,960             | 4,478             | 6,844             | 227                     | 38.0          | 67,384                            | 2,666             | 14,814            | 18,137            | 12,610            | 17,208            | 1,949                   | 33.8          |
| White-collar occupations .....                         | 45,955           | 7,017                         | 30                | 724               | 2,305             | 1,653             | 2,208             | 98                      | 37.5          | 38,938                            | 720               | 7,064             | 11,416            | 8,128             | 10,619            | 991                     | 35.3          |
| Professional, technical,<br>and kindred workers .....  | 14,436           | 3,272                         | 4                 | 210               | 1,239             | 839               | 947               | 34                      | 36.7          | 11,163                            | 44                | 1,473             | 4,071             | 2,599             | 2,748             | 229                     | 34.8          |
| Managers and administrators,<br>except farm .....      | 8,953            | 681                           | –                 | 39                | 181               | 178               | 270               | 13                      | 42.7          | 8,272                             | 9                 | 690               | 2,245             | 2,047             | 3,038             | 244                     | 40.5          |
| Clerical and kindred workers .....                     | 17,507           | 2,857                         | 22                | 443               | 819               | 606               | 923               | 44                      | 37.7          | 14,650                            | 411               | 3,821             | 3,875             | 2,619             | 3,616             | 309                     | 32.8          |
| Sales workers .....                                    | 5,059            | 207                           | 5                 | 31                | 65                | 30                | 69                | 6                       | 34.3          | 4,852                             | 256               | 1,080             | 1,225             | 863               | 1,217             | 211                     | 33.9          |
| Blue-collar workers .....                              | 28,414           | 11,101                        | 52                | 1,507             | 3,153             | 2,415             | 3,892             | 83                      | 38.0          | 17,313                            | 711               | 4,806             | 4,556             | 2,873             | 4,017             | 350                     | 31.4          |
| Craft and kindred workers .....                        | 11,083           | 4,308                         | 4                 | 429               | 1,268             | 969               | 1,612             | 26                      | 39.0          | 6,775                             | 78                | 1,510             | 2,014             | 1,279             | 1,777             | 118                     | 33.9          |
| Carpenters .....                                       | 836              | 276                           | –                 | 36                | 102               | 48                | 89                | –                       | 35.0          | 560                               | 10                | 173               | 173               | 72                | 120               | 11                      | 29.4          |
| Construction craft workers,<br>except carpenters ..... | 2,212            | 1,076                         | 2                 | 103               | 355               | 222               | 384               | 11                      | 37.4          | 1,136                             | 21                | 298               | 336               | 194               | 266               | 21                      | 31.8          |
| Mechanics and repairers .....                          | 4,234            | 1,729                         | –                 | 171               | 478               | 415               | 661               | 4                       | 39.7          | 2,504                             | 28                | 638               | 820               | 435               | 547               | 37                      | 31.9          |
| Operatives and kindred workers .....                   | 13,208           | 5,429                         | 10                | 761               | 1,506             | 1,203             | 1,907             | 42                      | 38.2          | 7,780                             | 214               | 2,156             | 2,040             | 1,351             | 1,855             | 163                     | 31.7          |
| Operatives, except transport .....                     | 9,982            | 3,990                         | 10                | 607               | 1,106             | 827               | 1,406             | 34                      | 37.8          | 5,993                             | 181               | 1,678             | 1,548             | 1,052             | 1,422             | 112                     | 31.5          |
| Drivers and delivery workers .....                     | 2,719            | 1,104                         | –                 | 94                | 299               | 305               | 398               | 8                       | 39.7          | 1,615                             | 29                | 419               | 446               | 276               | 399               | 47                      | 33.0          |
| Other transport equipment<br>operatives .....          | 507              | 335                           | –                 | 60                | 101               | 71                | 103               | –                       | 35.9          | 172                               | 5                 | 59                | 46                | 23                | 34                | 5                       | 27.6          |
| Nonfarm laborers .....                                 | 4,123            | 1,365                         | 38                | 316               | 380               | 243               | 373               | 15                      | 32.6          | 2,758                             | 418               | 1,140             | 502               | 243               | 384               | 69                      | 23.8          |
| Construction .....                                     | 771              | 254                           | 2                 | 41                | 75                | 40                | 93                | 3                       | 35.9          | 517                               | 29                | 243               | 109               | 56                | 78                | 3                       | 24.8          |
| Manufacturing .....                                    | 836              | 420                           | –                 | 80                | 127               | 96                | 113               | 5                       | 34.6          | 416                               | 16                | 164               | 98                | 56                | 78                | 5                       | 27.4          |
| All other nonfarm laborers .....                       | 2,516            | 691                           | 36                | 195               | 178               | 107               | 167               | 8                       | 30.1          | 1,825                             | 374               | 733               | 296               | 131               | 229               | 62                      | 22.7          |
| Service workers, including<br>private household .....  | 12,074           | 1,954                         | 12                | 259               | 495               | 407               | 737               | 45                      | 39.8          | 10,120                            | 1,132             | 2,667             | 1,958             | 1,441             | 2,363             | 560                     | 31.1          |
| Men                                                    |                  |                               |                   |                   |                   |                   |                   |                         |               |                                   |                   |                   |                   |                   |                   |                         |               |
| All occupations¹ .....                                 | 49,348           | 14,039                        | 64                | 1,727             | 4,163             | 3,090             | 4,856             | 140                     | 38.1          | 35,308                            | 1,444             | 7,362             | 9,649             | 6,524             | 9,231             | 1,099                   | 34.2          |
| White-collar occupations .....                         | 20,725           | 3,314                         | 10                | 276               | 1,029             | 795               | 1,154             | 49                      | 39.1          | 17,411                            | 199               | 2,163             | 5,225             | 3,913             | 5,368             | 544                     | 37.5          |
| Professional, technical,<br>and kindred workers .....  | 7,783            | 1,513                         | –                 | 76                | 542               | 420               | 462               | 14                      | 37.8          | 6,271                             | 23                | 657               | 2,210             | 1,482             | 1,766             | 131                     | 36.0          |
| Managers and administrators,<br>except farm .....      | 6,626            | 558                           | –                 | 28                | 151               | 151               | 220               | 8                       | 42.3          | 6,068                             | 5                 | 404               | 1,580             | 1,570             | 2,320             | 189                     | 41.4          |
| Clerical and kindred workers .....                     | 3,497            | 1,149                         | 9                 | 158               | 306               | 210               | 442               | 25                      | 40.3          | 2,347                             | 79                | 602               | 630               | 338               | 592               | 106                     | 32.9          |
| Sales workers .....                                    | 2,819            | 93                            | 2                 | 15                | 31                | 14                | 31                | 2                       | 34.8          | 2,725                             | 92                | 500               | 804               | 522               | 689               | 118                     | 34.9          |
| Blue-collar workers .....                              | 23,071           | 9,545                         | 45                | 1,302             | 2,789             | 2,046             | 3,299             | 63                      | 37.6          | 13,526                            | 635               | 3,947             | 3,593             | 2,103             | 2,975             | 273                     | 30.5          |
| Craft and kindred workers .....                        | 10,484           | 4,190                         | 4                 | 412               | 1,232             | 935               | 1,581             | 25                      | 39.0          | 6,294                             | 73                | 1,407             | 1,866             | 1,187             | 1,656             | 106                     | 34.0          |
| Carpenters .....                                       | 824              | 275                           | –                 | 36                | 101               | 48                | 89                | –                       | 35.1          | 549                               | 10                | 163               | 173               | 72                | 120               | 11                      | 29.6          |
| Construction craft workers,<br>except carpenters ..... | 2,187            | 1,065                         | 2                 | 100               | 353               | 217               | 382               | 11                      | 37.5          | 1,121                             | 20                | 293               | 330               | 192               | 266               | 21                      | 32.0          |
| Mechanics and repairers .....                          | 4,131            | 1,697                         | –                 | 162               | 467               | 407               | 656               | 4                       | 39.7          | 2,434                             | 28                | 621               | 793               | 418               | 539               | 35                      | 32.0          |



**Table 13. Continued—Age distribution of employed wage and salary workers by occupation, labor organization membership, sex and race, May 1980**

(Numbers in thousands)

| Occupation of current job                              | Total<br>workers | Workers in labor organization |                   |                   |                   |                   |                   |                         |               | Workers not in labor organization |                   |                   |                   |                   |                   |                         |               |
|--------------------------------------------------------|------------------|-------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|
|                                                        |                  | Total                         | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |
| Men—Continued                                          |                  |                               |                   |                   |                   |                   |                   |                         |               |                                   |                   |                   |                   |                   |                   |                         |               |
| Operatives and kindred workers .....                   | 8,893            | 4,100                         | 7                 | 607               | 1,200             | 890               | 1,373             | 22                      | 37.2          | 4,793                             | 171               | 1,510             | 1,306             | 723               | 985               | 99                      | 29.6          |
| Operatives, except transport .....                     | 5,940            | 2,733                         | 7                 | 457               | 822               | 539               | 893               | 14                      | 35.9          | 3,207                             | 138               | 1,060             | 876               | 489               | 590               | 53                      | 28.4          |
| Drivers and delivery workers .....                     | 2,467            | 1,042                         | -                 | 90                | 279               | 281               | 384               | 8                       | 40.0          | 1,425                             | 29                | 392               | 387               | 216               | 360               | 41                      | 32.6          |
| Other transport equipment<br>operatives .....          | 487              | 325                           | -                 | 60                | 99                | 70                | 96                | -                       | 35.6          | 161                               | 3                 | 59                | 43                | 18                | 34                | 5                       | 27.6          |
| Nonfarm laborers .....                                 | 3,694            | 1,255                         | 34                | 283               | 357               | 221               | 344               | 15                      | 32.7          | 2,439                             | 392               | 1,031             | 421               | 193               | 334               | 68                      | 23.4          |
| Construction .....                                     | 757              | 253                           | 2                 | 41                | 74                | 40                | 93                | 3                       | 36.0          | 505                               | 27                | 237               | 107               | 53                | 78                | 3                       | 24.9          |
| Manufacturing .....                                    | 708              | 369                           | -                 | 69                | 117               | 81                | 97                | 5                       | 34.2          | 339                               | 16                | 136               | 79                | 43                | 61                | 5                       | 27.2          |
| All other nonfarm laborers .....                       | 2,228            | 633                           | 33                | 172               | 166               | 100               | 155               | 8                       | 30.3          | 1,595                             | 349               | 658               | 235               | 97                | 195               | 61                      | 21.9          |
| Service workers, including<br>private household .....  | 4,693            | 1,160                         | 8                 | 145               | 337               | 246               | 397               | 27                      | 38.5          | 3,532                             | 524               | 1,032             | 662               | 370               | 708               | 237                     | 27.9          |
| White men                                              |                  |                               |                   |                   |                   |                   |                   |                         |               |                                   |                   |                   |                   |                   |                   |                         |               |
| All occupations <sup>1</sup> .....                     | 44,085           | 12,261                        | 55                | 1,508             | 3,619             | 2,681             | 4,275             | 123                     | 38.1          | 31,824                            | 1,323             | 6,567             | 8,653             | 5,871             | 8,426             | 984                     | 34.2          |
| White-collar occupations .....                         | 19,257           | 2,943                         | 9                 | 217               | 914               | 718               | 1,039             | 47                      | 39.3          | 16,313                            | 173               | 1,980             | 4,844             | 3,657             | 5,140             | 519                     | 37.7          |
| Professional, technical,<br>and kindred workers .....  | 7,191            | 1,382                         | -                 | 61                | 495               | 387               | 425               | 14                      | 37.9          | 5,809                             | 21                | 614               | 2,039             | 1,353             | 1,669             | 114                     | 36.1          |
| Managers and administrators,<br>except farm .....      | 6,357            | 510                           | -                 | 25                | 140               | 134               | 202               | 8                       | 42.4          | 5,848                             | 4                 | 387               | 1,499             | 1,510             | 2,259             | 188                     | 41.6          |
| Clerical and kindred workers .....                     | 3,007            | 970                           | 7                 | 119               | 251               | 184               | 385               | 23                      | 41.2          | 2,037                             | 62                | 512               | 534               | 290               | 538               | 102                     | 33.4          |
| Sales workers .....                                    | 2,701            | 82                            | 2                 | 12                | 28                | 12                | 27                | 2                       | 34.6          | 2,619                             | 85                | 468               | 772               | 504               | 675               | 116                     | 35.1          |
| Blue-collar workers .....                              | 20,273           | 8,364                         | 38                | 1,169             | 2,421             | 1,770             | 2,910             | 56                      | 37.6          | 11,910                            | 597               | 3,536             | 3,149             | 1,805             | 2,588             | 233                     | 30.3          |
| Craft and kindred workers .....                        | 9,608            | 3,850                         | 2                 | 374               | 1,132             | 847               | 1,469             | 25                      | 39.2          | 5,758                             | 67                | 1,306             | 1,717             | 1,060             | 1,512             | 97                      | 33.8          |
| Carpenters .....                                       | 765              | 260                           | -                 | 34                | 95                | 46                | 85                | -                       | 35.0          | 506                               | 10                | 154               | 163               | 63                | 108               | 7                       | 29.0          |
| Construction craft workers,<br>except carpenters ..... | 1,950            | 974                           | -                 | 86                | 321               | 204               | 353               | 11                      | 37.8          | 975                               | 18                | 267               | 291               | 162               | 217               | 21                      | 31.5          |
| Mechanics and repairers .....                          | 3,811            | 1,564                         | -                 | 152               | 430               | 371               | 606               | 4                       | 39.8          | 2,247                             | 25                | 581               | 736               | 376               | 494               | 35                      | 31.9          |
| Operatives and kindred workers .....                   | 7,561            | 3,479                         | 7                 | 540               | 999               | 748               | 1,167             | 18                      | 37.1          | 4,082                             | 159               | 1,314             | 1,096             | 600               | 822               | 91                      | 29.2          |
| Operatives, except transport .....                     | 5,084            | 2,323                         | 7                 | 396               | 688               | 453               | 769               | 10                      | 36.0          | 2,760                             | 129               | 937               | 743               | 400               | 502               | 49                      | 28.1          |
| Drivers and delivery workers .....                     | 2,087            | 878                           | -                 | 87                | 229               | 237               | 316               | 8                       | 39.6          | 1,209                             | 26                | 337               | 321               | 187               | 300               | 37                      | 32.4          |
| Other transport equipment<br>operatives .....          | 391              | 278                           | -                 | 57                | 81                | 58                | 82                | -                       | 35.2          | 113                               | 3                 | 40                | 32                | 12                | 20                | 5                       | 27.5          |
| Nonfarm laborers .....                                 | 3,104            | 1,035                         | 29                | 255               | 290               | 175               | 273               | 12                      | 31.8          | 2,069                             | 372               | 916               | 336               | 146               | 254               | 45                      | 22.7          |
| Construction .....                                     | 634              | 206                           | 2                 | 35                | 62                | 32                | 73                | 2                       | 36.0          | 429                               | 25                | 213               | 91                | 37                | 60                | 3                       | 24.3          |
| Manufacturing .....                                    | 572              | 307                           | -                 | 62                | 92                | 67                | 81                | 4                       | 34.4          | 265                               | 14                | 118               | 59                | 29                | 42                | 3                       | 26.3          |
| All other nonfarm laborers .....                       | 1,898            | 523                           | 27                | 158               | 136               | 75                | 119               | 6                       | 29.5          | 1,376                             | 333               | 585               | 186               | 80                | 152               | 39                      | 21.4          |
| Service workers, including<br>private household .....  | 3,825            | 940                           | 8                 | 118               | 277               | 194               | 322               | 21                      | 38.2          | 2,885                             | 470               | 853               | 509               | 303               | 555               | 195                     | 27.4          |

See footnotes at end of table.



Table 13. Continued—Age distribution of employed wage and salary workers by occupation, labor organization membership, sex and race, May 1980

(Numbers in thousands)

| Occupation of current job                           | Total workers | Workers in labor organization |                |                |                |                |                |                   |            | Workers not in labor organization |                |                |                |                |                |                   |            |
|-----------------------------------------------------|---------------|-------------------------------|----------------|----------------|----------------|----------------|----------------|-------------------|------------|-----------------------------------|----------------|----------------|----------------|----------------|----------------|-------------------|------------|
|                                                     |               | Total                         | 16 to 17 years | 18 to 24 years | 25 to 34 years | 35 to 44 years | 45 to 64 years | 65 years and over | Median age | Total                             | 16 to 17 years | 18 to 24 years | 25 to 34 years | 35 to 44 years | 45 to 64 years | 65 years and over | Median age |
| Black and other men                                 |               |                               |                |                |                |                |                |                   |            |                                   |                |                |                |                |                |                   |            |
| All occupations¹ .....                              | 5,262         | 1,778                         | 9              | 219            | 543            | 409            | 581            | 17                | 37.6       | 3,484                             | 120            | 795            | 996            | 653            | 805            | 115               | 33.4       |
| White-collar occupations .....                      | 1,469         | 371                           | 2              | 59             | 116            | 78             | 115            | 1                 | 37.0       | 1,098                             | 26             | 183            | 381            | 256            | 227            | 25                | 34.3       |
| Professional, technical, and kindred workers .....  | 593           | 131                           | -              | 15             | 47             | 33             | 36             | -                 | 36.9       | 461                               | 2              | 44             | 172            | 129            | 97             | 18                | 35.2       |
| Managers and administrators, except farm .....      | 269           | 49                            | -              | 3              | 11             | 17             | 18             | -                 | 42.0       | 220                               | (²)            | 17             | 81             | 60             | 62             | 1                 | 37.9       |
| Clerical and kindred workers .....                  | 490           | 179                           | 2              | 38             | 55             | 26             | 57             | 1                 | 35.0       | 310                               | 17             | 90             | 96             | 49             | 54             | 4                 | 30.5       |
| Sales workers .....                                 | 117           | 11                            | -              | 3              | 3              | 2              | 4              | -                 | 36.0       | 106                               | 7              | 33             | 32             | 18             | 14             | 2                 | 28.2       |
| Blue-collar workers .....                           | 2,797         | 1,181                         | 7              | 133            | 368            | 276            | 389            | 7                 | 37.1       | 1,616                             | 38             | 411            | 444            | 297            | 387            | 40                | 32.9       |
| Craft and kindred workers .....                     | 876           | 340                           | 2              | 38             | 100            | 88             | 112            | -                 | 37.0       | 536                               | 6              | 101            | 149            | 127            | 144            | 8                 | 35.5       |
| Carpenters .....                                    | 58            | 15                            | -              | 2              | 6              | 3              | 4              | -                 | 40.7       | 44                                | -              | 8              | 10             | 9              | 12             | 5                 | 42.0       |
| Construction craft workers, except carpenters ..... | 237           | 91                            | 2              | 14             | 32             | 13             | 29             | -                 | 33.1       | 146                               | 2              | 26             | 39             | 30             | 49             | -                 | 36.2       |
| Mechanics and repairers .....                       | 320           | 133                           | -              | 10             | 37             | 36             | 50             | -                 | 39.1       | 187                               | 3              | 40             | 57             | 42             | 45             | (²)               | 33.4       |
| Operatives and kindred workers .....                | 1,332         | 621                           | -              | 67             | 201            | 142            | 206            | 4                 | 37.9       | 712                               | 12             | 195            | 210            | 123            | 163            | 8                 | 31.6       |
| Operatives, except transport .....                  | 856           | 409                           | -              | 61             | 134            | 86             | 124            | 4                 | 35.4       | 447                               | 9              | 122            | 134            | 89             | 88             | 4                 | 30.6       |
| Drivers and delivery workers .....                  | 380           | 164                           | -              | 3              | 50             | 44             | 67             | -                 | 42.0       | 216                               | 3              | 54             | 65             | 30             | 60             | 4                 | 33.7       |
| Other transport equipment operatives .....          | 96            | 48                            | -              | 3              | 18             | 12             | 14             | -                 | 40.0       | 49                                | -              | 19             | 11             | 5              | 14             | (²)               | 27.8       |
| Nonfarm laborers .....                              | 589           | 220                           | 5              | 27             | 67             | 47             | 71             | 3                 | 35.3       | 369                               | 20             | 115            | 85             | 47             | 80             | 23                | 29.3       |
| Construction .....                                  | 123           | 47                            | -              | 7              | 12             | 8              | 20             | 1                 | 36.0       | 76                                | 2              | 24             | 16             | 16             | 17             | -                 | 34.0       |
| Manufacturing .....                                 | 136           | 62                            | -              | 7              | 25             | 14             | 16             | (²)               | 33.7       | 74                                | 1              | 18             | 20             | 14             | 19             | 2                 | 30.0       |
| All other nonfarm laborers .....                    | 330           | 111                           | 5              | 14             | 30             | 25             | 35             | 1                 | 36.7       | 220                               | 17             | 73             | 49             | 17             | 43             | 21                | 27.4       |
| Service workers, including private household .....  | 868           | 221                           | -              | 27             | 60             | 53             | 75             | 6                 | 40.1       | 647                               | 54             | 179            | 153            | 67             | 153            | 41                | 30.1       |
| Women                                               |               |                               |                |                |                |                |                |                   |            |                                   |                |                |                |                |                |                   |            |
| All occupations¹ .....                              | 38,132        | 6,056                         | 30             | 766            | 1,798          | 1,388          | 1,988          | 87                | 37.8       | 32,076                            | 1,223          | 7,453          | 8,488          | 6,086          | 7,977          | 850               | 33.4       |
| White-collar occupations .....                      | 25,229        | 3,703                         | 20             | 448            | 1,275          | 857            | 1,054          | 49                | 36.1       | 21,526                            | 521            | 4,901          | 6,191          | 4,215          | 5,251          | 447               | 33.4       |
| Professional, technical, and kindred workers .....  | 6,652         | 1,760                         | 4              | 134            | 698            | 419            | 485            | 20                | 35.8       | 4,893                             | 21             | 816            | 1,861          | 1,116          | 982            | 97                | 33.0       |
| Managers and administrators, except farm .....      | 2,327         | 123                           | -              | 12             | 30             | 26             | 50             | 5                 | 44.3       | 2,204                             | 4              | 286            | 665            | 477            | 717            | 54                | 38.0       |
| Clerical and kindred workers .....                  | 14,010        | 1,707                         | 13             | 285            | 513            | 396            | 480            | 20                | 36.2       | 12,303                            | 332            | 3,218          | 3,245          | 2,280          | 3,024          | 203               | 32.8       |
| Sales workers .....                                 | 2,240         | 113                           | 4              | 17             | 34             | 16             | 38             | 5                 | 33.7       | 2,127                             | 164            | 580            | 421            | 341            | 528            | 93                | 32.4       |
| Blue-collar workers .....                           | 5,343         | 1,557                         | 6              | 205            | 364            | 369            | 593            | 20                | 40.4       | 3,787                             | 76             | 859            | 963            | 770            | 1,042          | 77                | 34.8       |
| Craft and kindred workers .....                     | 599           | 118                           | -              | 17             | 35             | 34             | 31             | (²)               | 39.0       | 481                               | 5              | 103            | 148            | 92             | 121            | 12                | 33.8       |
| Carpenters .....                                    | 12            | 1                             | -              | -              | 1              | -              | -              | -                 | 27.0       | 11                                | -              | 11             | -              | -              | -              | -                 | 21.3       |
| Construction craft workers, except carpenters ..... | 25            | 11                            | -              | 3              | 2              | 5              | 2              | -                 | 34.0       | 14                                | (²)            | 5              | 6              | 2              | 1              | -                 | 24.7       |
| Mechanics and repairers .....                       | 103           | 32                            | -              | 8              | 11             | 7              | 5              | -                 | 30.3       | 71                                | -              | 17             | 27             | 17             | 8              | 2                 | 29.8       |

See footnotes at end of table.



**Table 13. Continued—Age distribution of employed wage and salary workers by occupation, labor organization membership, sex and race, May 1980**

(Numbers in thousands)

| Occupation of current job                              | Total<br>workers | Workers in labor organization |                   |                   |                   |                   |                   |                         |               | Workers not in labor organization |                   |                   |                   |                   |                   |                         |               |
|--------------------------------------------------------|------------------|-------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|
|                                                        |                  | Total                         | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |
| Women—Continued                                        |                  |                               |                   |                   |                   |                   |                   |                         |               |                                   |                   |                   |                   |                   |                   |                         |               |
| Operatives and kindred workers .....                   | 4,315            | 1,329                         | 3                 | 154               | 306               | 313               | 534               | 19                      | 41.2          | 2,986                             | 44                | 646               | 734               | 628               | 870               | 64                      | 35.9          |
| Operatives, except transport .....                     | 4,043            | 1,257                         | 3                 | 151               | 284               | 287               | 513               | 19                      | 41.7          | 2,786                             | 42                | 618               | 671               | 563               | 832               | 59                      | 35.9          |
| Drivers and delivery workers .....                     | 252              | 62                            | -                 | 4                 | 20                | 24                | 15                | -                       | 36.6          | 190                               | -                 | 27                | 60                | 59                | 38                | 5                       | 36.3          |
| Other transport equipment<br>operatives .....          | 21               | 10                            | -                 | -                 | 2                 | 2                 | 6                 | -                       | 45.0          | 11                                | 2                 | 1                 | 3                 | 5                 | -                 | -                       | 27.5          |
| Nonfarm laborers .....                                 | 429              | 110                           | 4                 | 33                | 23                | 22                | 28                | -                       | 32.0          | 319                               | 27                | 110               | 81                | 50                | 50                | 1                       | 26.8          |
| Construction .....                                     | 14               | 1                             | -                 | -                 | 1                 | -                 | -                 | -                       | 31.0          | 13                                | 2                 | 6                 | 2                 | 3                 | -                 | -                       | 22.5          |
| Manufacturing .....                                    | 128              | 51                            | -                 | 10                | 10                | 15                | 16                | -                       | 37.3          | 77                                | -                 | 29                | 19                | 13                | 16                | -                       | 29.0          |
| All other nonfarm laborers .....                       | 287              | 58                            | 4                 | 23                | 12                | 6                 | 12                | -                       | 29.3          | 230                               | 25                | 75                | 60                | 34                | 34                | 1                       | 26.8          |
| Service workers, including<br>private household .....  | 7,382            | 794                           | 4                 | 113               | 158               | 161               | 341               | 18                      | 41.9          | 6,588                             | 609               | 1,635             | 1,296             | 1,071             | 1,654             | 323                     | 32.8          |
| White women                                            |                  |                               |                   |                   |                   |                   |                   |                         |               |                                   |                   |                   |                   |                   |                   |                         |               |
| All occupations <sup>1</sup> .....                     | 33,059           | 4,838                         | 25                | 639               | 1,421             | 1,070             | 1,606             | 77                      | 37.9          | 28,221                            | 1,125             | 6,660             | 7,315             | 5,310             | 7,073             | 738                     | 33.4          |
| White-collar occupations .....                         | 22,636           | 3,054                         | 17                | 382               | 1,026             | 685               | 899               | 45                      | 36.5          | 19,582                            | 466               | 4,397             | 5,467             | 3,839             | 4,980             | 432                     | 33.8          |
| Professional, technical,<br>and kindred workers .....  | 5,866            | 1,485                         | 2                 | 120               | 594               | 346               | 405               | 18                      | 35.6          | 4,381                             | 19                | 746               | 1,641             | 995               | 893               | 87                      | 33.1          |
| Managers and administrators,<br>except farm .....      | 2,154            | 95                            | -                 | 12                | 21                | 22                | 38                | 3                       | 44.4          | 2,059                             | 3                 | 271               | 605               | 444               | 685               | 51                      | 38.3          |
| Clerical and kindred workers .....                     | 12,530           | 1,374                         | 11                | 234               | 384               | 303               | 423               | 20                      | 37.5          | 11,156                            | 293               | 2,855             | 2,840             | 2,072             | 2,892             | 203                     | 33.4          |
| Sales workers .....                                    | 2,086            | 100                           | 4                 | 17                | 28                | 14                | 34                | 5                       | 33.6          | 1,985                             | 151               | 525               | 382               | 327               | 510               | 91                      | 33.1          |
| Blue-collar workers .....                              | 4,463            | 1,254                         | 6                 | 166               | 279               | 293               | 490               | 20                      | 40.8          | 3,209                             | 73                | 747               | 769               | 648               | 904               | 67                      | 34.8          |
| Craft and kindred workers .....                        | 523              | 104                           | -                 | 15                | 33                | 30                | 26                | ( <sup>2</sup> )        | 38.0          | 419                               | 5                 | 88                | 120               | 86                | 109               | 12                      | 34.1          |
| Carpenters .....                                       | 8                | 1                             | -                 | -                 | 1                 | -                 | -                 | -                       | 27.0          | 7                                 | -                 | 7                 | -                 | -                 | -                 | -                       | 23.0          |
| Construction craft workers,<br>except carpenters ..... | 24               | 10                            | -                 | 3                 | 1                 | 5                 | 2                 | -                       | 33.0          | 14                                | ( <sup>2</sup> )  | 5                 | 6                 | 2                 | 1                 | -                       | 24.7          |
| Mechanics and repairers .....                          | 87               | 25                            | -                 | 6                 | 10                | 5                 | 3                 | -                       | 29.0          | 62                                | -                 | 15                | 23                | 15                | 8                 | 2                       | 29.4          |
| Operatives and kindred workers .....                   | 3,561            | 1,060                         | 3                 | 123               | 231               | 243               | 441               | 19                      | 41.9          | 2,501                             | 44                | 555               | 580               | 518               | 751               | 54                      | 36.1          |
| Operatives, except transport .....                     | 3,319            | 1,004                         | 3                 | 119               | 214               | 223               | 426               | 19                      | 42.5          | 2,314                             | 42                | 527               | 525               | 456               | 713               | 51                      | 36.1          |
| Drivers and delivery workers .....                     | 224              | 48                            | -                 | 4                 | 15                | 18                | 10                | -                       | 36.4          | 177                               | -                 | 26                | 52                | 56                | 38                | 4                       | 36.6          |
| Other transport equipment<br>operatives .....          | 18               | 8                             | -                 | -                 | 1                 | 2                 | 5                 | -                       | 45.0          | 11                                | 2                 | 1                 | 3                 | 5                 | -                 | -                       | 27.5          |
| Nonfarm laborers .....                                 | 379              | 90                            | 4                 | 28                | 16                | 20                | 23                | -                       | 31.0          | 288                               | 23                | 105               | 70                | 45                | 44                | 1                       | 26.1          |
| Construction .....                                     | 14               | 1                             | -                 | -                 | 1                 | -                 | -                 | -                       | 31.0          | 13                                | 2                 | 6                 | 2                 | 3                 | -                 | -                       | 22.5          |
| Manufacturing .....                                    | 114              | 44                            | -                 | 10                | 7                 | 13                | 14                | -                       | 37.0          | 70                                | -                 | 27                | 16                | 10                | 16                | -                       | 28.3          |
| All other nonfarm laborers .....                       | 251              | 45                            | 4                 | 18                | 8                 | 6                 | 10                | -                       | 28.7          | 206                               | 22                | 72                | 52                | 31                | 28                | 1                       | 26.1          |
| Service workers, including<br>private household .....  | 5,820            | 530                           | 2                 | 91                | 116               | 92                | 217               | 12                      | 41.1          | 5,291                             | 574               | 1,464             | 1,049             | 804               | 1,162             | 238                     | 30.5          |

See footnotes at end of table.



Table 13. Continued—Age distribution of employed wage and salary workers by occupation, labor organization membership, sex and race, May 1980

(Numbers in thousands)

| Occupation of current job                           | Total workers | Workers in labor organization |                |                |                |                |                |                   |            | Workers not in labor organization |                |                |                |                |                |                   |            |
|-----------------------------------------------------|---------------|-------------------------------|----------------|----------------|----------------|----------------|----------------|-------------------|------------|-----------------------------------|----------------|----------------|----------------|----------------|----------------|-------------------|------------|
|                                                     |               | Total                         | 16 to 17 years | 18 to 24 years | 25 to 34 years | 35 to 44 years | 45 to 64 years | 65 years and over | Median age | Total                             | 16 to 17 years | 18 to 24 years | 25 to 34 years | 35 to 44 years | 45 to 64 years | 65 years and over | Median age |
| Black and other women                               |               |                               |                |                |                |                |                |                   |            |                                   |                |                |                |                |                |                   |            |
| All occupations¹ .....                              | 5,072         | 1,218                         | 5              | 126            | 377            | 318            | 381            | 10                | 37.5       | 3,855                             | 97             | 792            | 1,173          | 776            | 904            | 112               | 33.7       |
| White-collar occupations .....                      | 2,593         | 649                           | 3              | 65             | 249            | 172            | 155            | 4                 | 34.9       | 1,945                             | 55             | 503            | 724            | 376            | 271            | 15                | 30.5       |
| Professional, technical, and kindred workers .....  | 786           | 275                           | 2              | 14             | 103            | 73             | 80             | 2                 | 37.3       | 512                               | 1              | 69             | 220            | 122            | 89             | 10                | 32.8       |
| Managers and administrators, except farm .....      | 173           | 28                            | -              | -              | 10             | 4              | 12             | 2                 | 42.0       | 145                               | 1              | 15             | 61             | 33             | 32             | 3                 | 35.0       |
| Clerical and kindred workers .....                  | 1,480         | 333                           | 1              | 52             | 129            | 93             | 58             | -                 | 33.1       | 1,147                             | 39             | 363            | 404            | 208            | 132            | (²)               | 29.2       |
| Sales workers .....                                 | 154           | 13                            | -              | -              | 7              | 2              | 4              | -                 | 34.0       | 141                               | 13             | 56             | 39             | 14             | 18             | 2                 | 25.6       |
| Blue-collar workers .....                           | 881           | 303                           | -              | 39             | 85             | 76             | 103            | -                 | 38.8       | 578                               | 3              | 112            | 194            | 122            | 138            | 10                | 34.5       |
| Craft and kindred workers .....                     | 76            | 14                            | -              | 2              | 3              | 4              | 5              | -                 | 44.0       | 62                                | -              | 15             | 29             | 6              | 12             | -                 | 33.2       |
| Carpenters .....                                    | 4             | -                             | -              | -              | -              | -              | -              | -                 | -          | 4                                 | -              | 4              | -              | -              | -              | -                 | 20.0       |
| Construction craft workers, except carpenters ..... | 1             | 1                             | -              | -              | 1              | -              | (²)            | -                 | 42.0       | -                                 | -              | -              | -              | -              | -              | -                 | -          |
| Mechanics and repairers .....                       | 15            | 7                             | -              | 2              | 2              | 2              | 1              | -                 | 36.0       | 8                                 | -              | 2              | 4              | 2              | (²)            | -                 | 32.0       |
| Operatives and kindred workers .....                | 754           | 269                           | -              | 32             | 75             | 69             | 93             | -                 | 38.9       | 485                               | -              | 92             | 154            | 110            | 119            | 10                | 35.1       |
| Operatives, except transport .....                  | 724           | 252                           | -              | 32             | 69             | 64             | 87             | -                 | 38.9       | 472                               | -              | 91             | 147            | 107            | 119            | 8                 | 35.2       |
| Drivers and delivery workers .....                  | 28            | 15                            | -              | -              | 5              | 5              | 4              | -                 | 38.0       | 13                                | -              | 1              | 8              | 3              | (²)            | 2                 | 29.0       |
| Other transport equipment operatives .....          | 2             | 2                             | -              | -              | 1              | -              | 1              | -                 | 45.0       | -                                 | -              | -              | -              | -              | -              | -                 | -          |
| Nonfarm laborers .....                              | 50            | 20                            | -              | 5              | 7              | 2              | 5              | -                 | 34.7       | 31                                | 3              | 5              | 11             | 6              | 6              | -                 | 32.0       |
| Manufacturing .....                                 | 14            | 7                             | -              | -              | 3              | 2              | 2              | -                 | 38.0       | 7                                 | -              | 2              | 2              | 3              | -              | -                 | 32.0       |
| All other nonfarm laborers .....                    | 36            | 12                            | -              | 5              | 4              | -              | 3              | -                 | 33.0       | 24                                | 3              | 3              | 8              | 3              | 6              | -                 | 31.0       |
| Service workers, including private household .....  | 1,561         | 264                           | 2              | 22             | 42             | 69             | 124            | 6                 | 43.2       | 1,297                             | 34             | 171            | 247            | 267            | 492            | 85                | 42.4       |

<sup>1</sup> Includes farm workers not shown separately.

<sup>2</sup> Fewer than 500 workers.

NOTE: Due to rounding, sums of individual items may not equal totals. Dashes (-) indicate no workers in cell.



**Table 14. Age distribution of employed wage and salary workers by industry, labor organization representation, sex, and race, May 1980**

(Numbers in thousands)

| Industry of current job                                      | Total<br>workers | Represented by labor organization |                   |                   |                   |                   |                   |                         |               | Not represented by labor organization |                   |                   |                   |                   |                   |                         |               |
|--------------------------------------------------------------|------------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|---------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|
|                                                              |                  | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                                 | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |
| Both sexes                                                   |                  |                                   |                   |                   |                   |                   |                   |                         |               |                                       |                   |                   |                   |                   |                   |                         |               |
| All industries .....                                         | 87,480           | 22,493                            | 117               | 2,874             | 6,767             | 4,990             | 7,490             | 256                     | 37.7          | 64,986                                | 2,643             | 14,433            | 17,330            | 12,098            | 16,562            | 1,920                   | 33.8          |
| Agriculture .....                                            | 1,455            | 55                                | –                 | 12                | 21                | 7                 | 13                | 2                       | 35.6          | 1,400                                 | 137               | 397               | 310               | 221               | 272               | 63                      | 28.9          |
| Mining .....                                                 | 892              | 314                               | 1                 | 59                | 91                | 76                | 85                | 1                       | 35.0          | 578                                   | 3                 | 128               | 200               | 105               | 134               | 8                       | 31.8          |
| Construction .....                                           | 4,982            | 1,651                             | 8                 | 207               | 529               | 313               | 569               | 24                      | 36.9          | 3,331                                 | 67                | 915               | 956               | 561               | 780               | 51                      | 31.8          |
| Manufacturing, total .....                                   | 20,976           | 7,309                             | 8                 | 1,004             | 1,990             | 1,629             | 2,624             | 54                      | 38.5          | 13,667                                | 168               | 2,659             | 3,713             | 2,885             | 4,027             | 215                     | 35.7          |
| Durable goods, total .....                                   | 12,546           | 4,720                             | 1                 | 638               | 1,293             | 1,059             | 1,700             | 28                      | 38.5          | 7,826                                 | 71                | 1,473             | 2,212             | 1,685             | 2,288             | 97                      | 35.5          |
| Metal industries .....                                       | 2,769            | 1,329                             | –                 | 139               | 392               | 292               | 495               | 11                      | 39.2          | 1,440                                 | 8                 | 244               | 413               | 311               | 445               | 19                      | 36.3          |
| Machinery, except electrical .....                           | 2,779            | 851                               | –                 | 138               | 240               | 171               | 295               | 8                       | 37.6          | 1,928                                 | 21                | 362               | 581               | 386               | 555               | 22                      | 34.8          |
| Transportation equipment .....                               | 2,031            | 1,135                             | 1                 | 126               | 291               | 281               | 430               | 6                       | 39.4          | 896                                   | 6                 | 133               | 221               | 213               | 319               | 4                       | 38.2          |
| Automobiles .....                                            | 951              | 600                               | –                 | 45                | 169               | 155               | 228               | 3                       | 39.5          | 351                                   | 2                 | 42                | 90                | 94                | 124               | –                       | 38.4          |
| Aircraft .....                                               | 676              | 341                               | 1                 | 42                | 72                | 85                | 140               | –                       | 41.2          | 335                                   | –                 | 44                | 68                | 78                | 142               | 4                       | 41.5          |
| Other transportation equipment .....                         | 404              | 194                               | –                 | 38                | 50                | 41                | 62                | 3                       | 36.7          | 210                                   | 4                 | 48                | 64                | 41                | 53                | ( <sup>1</sup> )        | 33.9          |
| Other durable goods .....                                    | 4,966            | 1,404                             | –                 | 236               | 369               | 315               | 481               | 3                       | 37.4          | 3,562                                 | 35                | 733               | 997               | 775               | 969               | 52                      | 34.9          |
| Nondurable goods, total .....                                | 8,430            | 2,589                             | 7                 | 365               | 697               | 570               | 924               | 26                      | 38.6          | 5,841                                 | 98                | 1,186             | 1,500             | 1,200             | 1,739             | 118                     | 36.0          |
| Food .....                                                   | 1,674            | 670                               | 2                 | 104               | 177               | 146               | 235               | 5                       | 37.5          | 1,004                                 | 17                | 229               | 241               | 208               | 292               | 18                      | 34.7          |
| Textiles .....                                               | 786              | 140                               | 2                 | 25                | 25                | 34                | 53                | 1                       | 39.5          | 646                                   | 11                | 139               | 146               | 126               | 207               | 17                      | 37.2          |
| Apparel .....                                                | 1,298            | 353                               | 3                 | 31                | 70                | 71                | 168               | 11                      | 44.9          | 945                                   | 14                | 179               | 249               | 197               | 292               | 15                      | 36.8          |
| Paper .....                                                  | 751              | 380                               | –                 | 46                | 106               | 103               | 125               | ( <sup>1</sup> )        | 38.9          | 371                                   | 2                 | 53                | 100               | 87                | 121               | 9                       | 38.3          |
| Printing .....                                               | 1,433            | 308                               | ( <sup>1</sup> )  | 52                | 81                | 70                | 101               | 4                       | 38.6          | 1,125                                 | 50                | 278               | 282               | 216               | 270               | 29                      | 33.3          |
| Chemicals and petroleum .....                                | 1,240            | 352                               | –                 | 52                | 117               | 67                | 116               | –                       | 36.9          | 888                                   | –                 | 116               | 273               | 202               | 285               | 14                      | 38.3          |
| Other nondurable goods .....                                 | 1,028            | 307                               | ( <sup>1</sup> )  | 48                | 89                | 67                | 99                | 3                       | 38.0          | 721                                   | 5                 | 177               | 181               | 133               | 208               | 17                      | 35.6          |
| Transportation, communication,<br>and public utilities ..... | 5,469            | 2,634                             | 1                 | 276               | 861               | 653               | 830               | 14                      | 37.3          | 2,835                                 | 28                | 497               | 891               | 623               | 761               | 35                      | 34.9          |
| Transportation .....                                         | 3,241            | 1,681                             | –                 | 165               | 494               | 431               | 578               | 13                      | 38.8          | 1,561                                 | 19                | 300               | 467               | 340               | 408               | 28                      | 34.7          |
| Communication .....                                          | 1,447            | 776                               | ( <sup>1</sup> )  | 92                | 302               | 169               | 213               | –                       | 34.9          | 672                                   | 7                 | 94                | 232               | 156               | 180               | 4                       | 34.6          |
| Other public utilities .....                                 | 1,359            | 657                               | ( <sup>1</sup> )  | 64                | 227               | 144               | 217               | 4                       | 37.5          | 703                                   | 2                 | 113               | 216               | 148               | 218               | 5                       | 36.1          |
| Trade .....                                                  | 17,401           | 1,896                             | 77                | 498               | 516               | 314               | 472               | 20                      | 31.9          | 15,504                                | 1,461             | 4,518             | 3,609             | 2,244             | 3,194             | 477                     | 29.5          |
| Wholesale .....                                              | 3,419            | 432                               | –                 | 70                | 131               | 92                | 134               | 4                       | 36.4          | 2,988                                 | 31                | 541               | 950               | 586               | 778               | 102                     | 35.1          |
| Retail .....                                                 | 13,981           | 1,465                             | 77                | 428               | 385               | 222               | 338               | 16                      | 30.9          | 12,517                                | 1,430             | 3,977             | 2,659             | 1,658             | 2,416             | 376                     | 27.9          |
| Finance, insurance, and real estate .....                    | 5,152            | 250                               | –                 | 57                | 68                | 40                | 80                | 5                       | 35.0          | 4,902                                 | 74                | 1,039             | 1,396             | 1,000             | 1,246             | 147                     | 34.7          |
| Services .....                                               | 25,123           | 5,719                             | 20                | 527               | 1,844             | 1,351             | 1,867             | 111                     | 38.1          | 19,404                                | 669               | 3,855             | 5,347             | 3,712             | 5,008             | 813                     | 34.7          |
| Business and repair .....                                    | 2,902            | 332                               | –                 | 72                | 93                | 73                | 92                | 2                       | 35.6          | 2,570                                 | 70                | 672               | 729               | 468               | 535               | 95                      | 31.9          |
| Personal services .....                                      | 2,868            | 247                               | 9                 | 47                | 43                | 50                | 93                | 6                       | 37.9          | 2,620                                 | 237               | 485               | 554               | 360               | 766               | 218                     | 35.5          |
| Private household services .....                             | 1,214            | 9                                 | 2                 | –                 | –                 | 2                 | 4                 | 2                       | 46.0          | 1,205                                 | 176               | 177               | 158               | 134               | 408               | 153                     | 41.2          |
| Other personal services .....                                | 1,653            | 238                               | 7                 | 47                | 43                | 48                | 89                | 4                       | 37.7          | 1,415                                 | 61                | 309               | 396               | 225               | 359               | 65                      | 33.6          |

See footnotes at end of table.



**Table 14. Continued—Age distribution of employed wage and salary workers by industry, labor organization representation, sex, and race, May 1980**

(Numbers in thousands)

| Industry of current job              | Total<br>workers | Represented by labor organization |                   |                   |                   |                   |                   |                         |               | Not represented by labor organization |                   |                   |                   |                   |                   |                         |               |
|--------------------------------------|------------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|---------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|
|                                      |                  | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                                 | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |
| Both sexes—Continued                 |                  |                                   |                   |                   |                   |                   |                   |                         |               |                                       |                   |                   |                   |                   |                   |                         |               |
| Entertainment .....                  | 902              | 140                               | 6                 | 24                | 44                | 31                | 23                | 12                      | 35.2          | 762                                   | 100               | 261               | 154               | 83                | 124               | 40                      | 26.3          |
| Professional services .....          | 18,451           | 5,000                             | 5                 | 383               | 1,663             | 1,197             | 1,660             | 91                      | 38.3          | 13,452                                | 261               | 2,437             | 3,910             | 2,802             | 3,583             | 459                     | 35.4          |
| Education .....                      | 8,062            | 3,421                             | 5                 | 176               | 1,149             | 861               | 1,167             | 64                      | 38.7          | 4,641                                 | 107               | 807               | 1,264             | 1,046             | 1,299             | 117                     | 36.1          |
| Hospitals .....                      | 3,901            | 841                               | -                 | 119               | 274               | 174               | 261               | 13                      | 37.2          | 3,059                                 | 31                | 603               | 1,024             | 602               | 746               | 52                      | 33.9          |
| Other professional services .....    | 6,489            | 737                               | ( <sup>1</sup> )  | 88                | 241               | 163               | 232               | 14                      | 37.0          | 5,751                                 | 122               | 1,027             | 1,622             | 1,153             | 1,537             | 290                     | 35.6          |
| Forestry and fisheries .....         | 87               | 14                                | -                 | 2                 | 4                 | 2                 | 5                 | -                       | 36.0          | 73                                    | 3                 | 16                | 22                | 20                | 11                | 2                       | 30.9          |
| Public administration .....          | 5,364            | 2,172                             | 2                 | 188               | 680               | 513               | 766               | 22                      | 39.2          | 3,192                                 | 33                | 400               | 864               | 704               | 1,084             | 107                     | 38.9          |
| Federal, except postal .....         | 1,795            | 488                               | -                 | 36                | 150               | 125               | 174               | 3                       | 39.1          | 1,307                                 | 5                 | 134               | 360               | 318               | 473               | 18                      | 39.0          |
| Postal .....                         | 691              | 570                               | -                 | 47                | 150               | 123               | 241               | 8                       | 43.3          | 122                                   | -                 | 5                 | 27                | 30                | 53                | 7                       | 45.2          |
| State .....                          | 972              | 309                               | -                 | 39                | 80                | 73                | 114               | 3                       | 39.4          | 662                                   | 12                | 103               | 175               | 143               | 210               | 19                      | 37.4          |
| Local .....                          | 1,906            | 805                               | 2                 | 66                | 300               | 192               | 237               | 7                       | 36.8          | 1,100                                 | 16                | 158               | 302               | 213               | 349               | 63                      | 38.6          |
| Men                                  |                  |                                   |                   |                   |                   |                   |                   |                         |               |                                       |                   |                   |                   |                   |                   |                         |               |
| All industries .....                 | 49,348           | 15,302                            | 77                | 1,931             | 4,566             | 3,363             | 5,210             | 154                     | 37.9          | 34,046                                | 1,430             | 7,158             | 9,245             | 6,252             | 8,877             | 1,085                   | 34.1          |
| Agriculture .....                    | 1,141            | 45                                | -                 | 10                | 17                | 6                 | 11                | 2                       | 36.7          | 1,096                                 | 110               | 301               | 242               | 170               | 213               | 59                      | 28.9          |
| Mining .....                         | 770              | 301                               | -                 | 55                | 86                | 75                | 83                | 1                       | 35.6          | 468                                   | ( <sup>1</sup> )  | 89                | 164               | 87                | 122               | 6                       | 32.6          |
| Construction .....                   | 4,567            | 1,622                             | 8                 | 201               | 523               | 310               | 556               | 24                      | 36.9          | 2,945                                 | 63                | 823               | 851               | 474               | 685               | 49                      | 31.4          |
| Manufacturing, total .....           | 14,334           | 5,671                             | 4                 | 790               | 1,585             | 1,251             | 2,006             | 36                      | 38.1          | 8,663                                 | 106               | 1,532             | 2,346             | 1,881             | 2,630             | 168                     | 36.4          |
| Durable goods, total .....           | 9,305            | 3,864                             | -                 | 524               | 1,071             | 848               | 1,396             | 25                      | 38.3          | 5,441                                 | 44                | 939               | 1,519             | 1,219             | 1,642             | 76                      | 36.2          |
| Metal industries .....               | 2,258            | 1,193                             | -                 | 125               | 337               | 273               | 449               | 9                       | 39.5          | 1,065                                 | 4                 | 181               | 292               | 227               | 344               | 16                      | 36.9          |
| Machinery, except electrical .....   | 2,210            | 749                               | -                 | 119               | 218               | 145               | 260               | 8                       | 37.3          | 1,461                                 | 19                | 249               | 425               | 318               | 430               | 20                      | 35.9          |
| Transportation equipment .....       | 1,659            | 964                               | -                 | 106               | 240               | 239               | 373               | 6                       | 39.8          | 694                                   | 4                 | 91                | 162               | 165               | 268               | 4                       | 39.4          |
| Automobiles .....                    | 801              | 521                               | -                 | 40                | 141               | 138               | 199               | 3                       | 39.7          | 280                                   | -                 | 28                | 69                | 76                | 107               | -                       | 40.2          |
| Aircraft .....                       | 498              | 269                               | -                 | 29                | 53                | 66                | 120               | -                       | 42.9          | 229                                   | -                 | 22                | 38                | 56                | 110               | 4                       | 44.8          |
| Other transportation equipment ..... | 360              | 174                               | -                 | 38                | 46                | 34                | 54                | 3                       | 36.0          | 185                                   | 4                 | 41                | 55                | 34                | 51                | ( <sup>1</sup> )        | 34.7          |
| Other durable goods .....            | 3,179            | 958                               | -                 | 175               | 276               | 192               | 314               | 1                       | 35.6          | 2,221                                 | 16                | 418               | 641               | 509               | 601               | 36                      | 35.3          |
| Nondurable goods, total .....        | 5,029            | 1,806                             | 4                 | 265               | 514               | 402               | 609               | 11                      | 37.7          | 3,222                                 | 62                | 592               | 827               | 661               | 988               | 92                      | 36.8          |
| Food .....                           | 1,182            | 532                               | 2                 | 86                | 141               | 119               | 180               | 4                       | 37.0          | 650                                   | 11                | 145               | 172               | 126               | 181               | 16                      | 33.6          |
| Textiles .....                       | 429              | 84                                | -                 | 16                | 17                | 19                | 30                | 1                       | 38.0          | 345                                   | 6                 | 71                | 75                | 69                | 111               | 14                      | 38.1          |
| Apparel .....                        | 300              | 74                                | 2                 | 10                | 15                | 14                | 33                | -                       | 43.3          | 226                                   | 4                 | 30                | 68                | 45                | 69                | 11                      | 37.3          |
| Paper .....                          | 580              | 323                               | -                 | 32                | 94                | 90                | 106               | ( <sup>1</sup> )        | 39.2          | 258                                   | 1                 | 27                | 69                | 61                | 90                | 9                       | 40.9          |
| Printing .....                       | 847              | 239                               | ( <sup>1</sup> )  | 42                | 57                | 53                | 82                | 4                       | 39.6          | 608                                   | 37                | 145               | 137               | 118               | 148               | 22                      | 33.8          |
| Chemicals and petroleum .....        | 915              | 285                               | -                 | 40                | 98                | 54                | 93                | -                       | 36.8          | 630                                   | -                 | 69                | 183               | 146               | 218               | 14                      | 40.4          |
| Other nondurable goods .....         | 596              | 195                               | ( <sup>1</sup> )  | 33                | 61                | 40                | 59                | 1                       | 36.1          | 401                                   | 3                 | 99                | 102               | 73                | 118               | 6                       | 35.7          |

See footnotes at end of table.



**Table 14. Continued—Age distribution of employed wage and salary workers by industry, labor organization representation, sex, and race, May 1980**

(Numbers in thousands)

| Industry of current job                                      | Total<br>workers | Represented by labor organization |                   |                   |                   |                   |                   |                         |               | Not represented by labor organization |                   |                   |                   |                   |                   |                         |               |
|--------------------------------------------------------------|------------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|---------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|
|                                                              |                  | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                                 | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |
| Men—Continued                                                |                  |                                   |                   |                   |                   |                   |                   |                         |               |                                       |                   |                   |                   |                   |                   |                         |               |
| Transportation, communication,<br>and public utilities ..... | 3,947            | 2,005                             | -                 | 191               | 608               | 510               | 683               | 12                      | 38.6          | 1,943                                 | 22                | 321               | 568               | 440               | 566               | 25                      | 35.8          |
| Transportation .....                                         | 2,578            | 1,487                             | -                 | 142               | 424               | 374               | 535               | 11                      | 39.5          | 1,091                                 | 15                | 208               | 311               | 230               | 303               | 23                      | 34.9          |
| Communication .....                                          | 798              | 395                               | -                 | 41                | 141               | 86                | 125               | -                       | 36.1          | 403                                   | 4                 | 46                | 118               | 111               | 124               | -                       | 36.8          |
| Other public utilities .....                                 | 1,114            | 574                               | -                 | 51                | 195               | 134               | 192               | 3                       | 38.0          | 539                                   | 2                 | 78                | 159               | 120               | 177               | 3                       | 37.4          |
| Trade .....                                                  | 9,305            | 1,241                             | 55                | 324               | 355               | 192               | 307               | 7                       | 31.4          | 8,064                                 | 767               | 2,259             | 2,019             | 1,145             | 1,612             | 263                     | 29.6          |
| Wholesale .....                                              | 2,562            | 376                               | -                 | 64                | 122               | 75                | 115               | 1                       | 35.6          | 2,186                                 | 24                | 361               | 689               | 443               | 586               | 83                      | 35.9          |
| Retail .....                                                 | 6,743            | 865                               | 55                | 260               | 234               | 118               | 191               | 7                       | 30.0          | 5,879                                 | 744               | 1,897             | 1,330             | 702               | 1,025             | 180                     | 27.1          |
| Finance, insurance, and real estate .....                    | 1,982            | 144                               | -                 | 20                | 37                | 27                | 56                | 4                       | 40.4          | 1,838                                 | 31                | 238               | 514               | 399               | 555               | 101                     | 38.3          |
| Services .....                                               | 9,260            | 2,235                             | 7                 | 194               | 706               | 522               | 757               | 49                      | 38.7          | 7,024                                 | 312               | 1,401             | 1,998             | 1,204             | 1,771             | 338                     | 34.2          |
| Business and repair .....                                    | 1,882            | 246                               | -                 | 54                | 77                | 48                | 65                | 2                       | 33.8          | 1,636                                 | 55                | 418               | 451               | 309               | 330               | 74                      | 32.4          |
| Personal services .....                                      | 793              | 121                               | 2                 | 24                | 24                | 25                | 42                | 2                       | 36.8          | 673                                   | 88                | 157               | 157               | 64                | 161               | 45                      | 31.2          |
| Private household services .....                             | 188              | 2                                 | -                 | -                 | -                 | 2                 | -                 | -                       | 42.0          | 186                                   | 57                | 50                | 21                | 7                 | 32                | 20                      | 21.7          |
| Other personal services .....                                | 606              | 119                               | 2                 | 24                | 24                | 23                | 42                | 2                       | 36.6          | 487                                   | 30                | 108               | 136               | 57                | 130               | 25                      | 33.0          |
| Entertainment .....                                          | 531              | 91                                | 2                 | 16                | 27                | 19                | 20                | 7                       | 36.9          | 440                                   | 57                | 154               | 88                | 31                | 79                | 30                      | 26.3          |
| Professional services .....                                  | 6,053            | 1,778                             | 3                 | 99                | 578               | 430               | 631               | 37                      | 39.4          | 4,275                                 | 112               | 671               | 1,302             | 800               | 1,200             | 189                     | 35.7          |
| Education .....                                              | 2,795            | 1,248                             | 3                 | 50                | 403               | 316               | 449               | 26                      | 39.5          | 1,547                                 | 59                | 297               | 445               | 285               | 430               | 31                      | 35.0          |
| Hospitals .....                                              | 935              | 240                               | -                 | 36                | 83                | 42                | 72                | 6                       | 36.7          | 694                                   | 13                | 128               | 275               | 93                | 165               | 21                      | 33.4          |
| Other professional services .....                            | 2,324            | 290                               | -                 | 13                | 91                | 72                | 109               | 5                       | 40.3          | 2,034                                 | 41                | 246               | 582               | 421               | 606               | 137                     | 37.2          |
| Forestry and fisheries .....                                 | 68               | 11                                | -                 | ( <sup>1</sup> )  | 4                 | 2                 | 5                 | -                       | 36.5          | 57                                    | 3                 | 8                 | 18                | 17                | 10                | 1                       | 32.5          |
| Public administration .....                                  | 3,431            | 1,575                             | 2                 | 103               | 492               | 383               | 576               | 17                      | 39.9          | 1,856                                 | 15                | 176               | 503               | 415               | 673               | 73                      | 40.1          |
| Federal, except postal .....                                 | 1,053            | 317                               | -                 | 15                | 95                | 82                | 122               | 3                       | 39.9          | 736                                   | -                 | 36                | 203               | 182               | 304               | 11                      | 41.3          |
| Postal .....                                                 | 520              | 455                               | -                 | 33                | 113               | 93                | 210               | 6                       | 44.8          | 65                                    | -                 | 1                 | 14                | 12                | 31                | 6                       | 48.9          |
| State .....                                                  | 586              | 194                               | -                 | 12                | 52                | 52                | 77                | 1                       | 40.8          | 392                                   | 8                 | 49                | 99                | 84                | 138               | 14                      | 39.1          |
| Local .....                                                  | 1,272            | 609                               | 2                 | 44                | 232               | 156               | 168               | 7                       | 36.9          | 663                                   | 7                 | 90                | 187               | 137               | 200               | 43                      | 38.6          |

See footnotes at end of table.



Table 14. Continued—Age distribution of employed wage and salary workers by industry, labor organization representation, sex, and race, May 1980

(Numbers in thousands)

| Industry of current job                                      | Total<br>workers | Represented by labor organization |                   |                   |                   |                   |                   |                         |               | Not represented by labor organization |                   |                   |                   |                   |                   |                         |               |
|--------------------------------------------------------------|------------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|---------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|
|                                                              |                  | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                                 | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |
| White men                                                    |                  |                                   |                   |                   |                   |                   |                   |                         |               |                                       |                   |                   |                   |                   |                   |                         |               |
| All industries .....                                         | 44,085           | 13,375                            | 67                | 1,681             | 3,986             | 2,913             | 4,590             | 137                     | 37.9          | 30,711                                | 1,311             | 6,393             | 8,286             | 5,638             | 8,111             | 970                     | 34.2          |
| Agriculture .....                                            | 991              | 39                                | -                 | 10                | 17                | 3                 | 9                 | -                       | 31.0          | 952                                   | 108               | 271               | 218               | 134               | 171               | 50                      | 27.9          |
| Mining .....                                                 | 729              | 287                               | -                 | 50                | 81                | 74                | 81                | 1                       | 35.8          | 442                                   | ( <sup>1</sup> )  | 83                | 155               | 82                | 116               | 6                       | 32.7          |
| Construction .....                                           | 4,139            | 1,470                             | 6                 | 184               | 470               | 282               | 506               | 21                      | 37.0          | 2,670                                 | 56                | 758               | 789               | 411               | 610               | 45                      | 31.0          |
| Manufacturing, total .....                                   | 12,836           | 4,945                             | 4                 | 695               | 1,368             | 1,073             | 1,774             | 32                      | 38.3          | 7,890                                 | 100               | 1,370             | 2,081             | 1,727             | 2,457             | 155                     | 36.8          |
| Durable goods, total .....                                   | 8,364            | 3,392                             | -                 | 467               | 926               | 722               | 1,257             | 20                      | 38.6          | 4,972                                 | 42                | 843               | 1,353             | 1,122             | 1,542             | 71                      | 36.6          |
| Metal industries .....                                       | 2,008            | 1,037                             | -                 | 114               | 293               | 228               | 397               | 5                       | 39.6          | 971                                   | 4                 | 168               | 255               | 203               | 328               | 13                      | 37.3          |
| Machinery, except electrical .....                           | 2,080            | 691                               | -                 | 111               | 191               | 131               | 250               | 8                       | 37.8          | 1,388                                 | 17                | 235               | 391               | 310               | 416               | 20                      | 36.2          |
| Transportation equipment .....                               | 1,468            | 824                               | -                 | 87                | 203               | 201               | 328               | 6                       | 40.1          | 644                                   | 4                 | 86                | 145               | 147               | 257               | 4                       | 40.2          |
| Automobiles .....                                            | 718              | 449                               | -                 | 33                | 120               | 118               | 174               | 3                       | 39.7          | 269                                   | -                 | 28                | 65                | 73                | 103               | -                       | 40.4          |
| Aircraft .....                                               | 445              | 231                               | -                 | 22                | 47                | 53                | 109               | -                       | 44.0          | 215                                   | -                 | 20                | 33                | 50                | 108               | 4                       | 46.8          |
| Other transportation equipment .....                         | 304              | 144                               | -                 | 31                | 35                | 30                | 45                | 3                       | 36.8          | 160                                   | 4                 | 37                | 47                | 24                | 46                | ( <sup>1</sup> )        | 34.7          |
| Other durable goods .....                                    | 2,809            | 840                               | -                 | 155               | 239               | 162               | 282               | 1                       | 35.9          | 1,969                                 | 16                | 355               | 562               | 462               | 540               | 34                      | 35.6          |
| Nondurable goods, total .....                                | 4,472            | 1,554                             | 4                 | 228               | 442               | 351               | 517               | 11                      | 37.8          | 2,918                                 | 58                | 527               | 728               | 605               | 916               | 84                      | 37.1          |
| Food .....                                                   | 1,054            | 451                               | 2                 | 71                | 121               | 106               | 148               | 4                       | 37.2          | 603                                   | 11                | 133               | 162               | 111               | 170               | 16                      | 33.3          |
| Textiles .....                                               | 352              | 72                                | -                 | 15                | 14                | 17                | 25                | 1                       | 38.0          | 280                                   | 6                 | 54                | 56                | 54                | 99                | 12                      | 39.4          |
| Apparel .....                                                | 246              | 56                                | 2                 | 8                 | 11                | 9                 | 26                | -                       | 44.3          | 190                                   | 3                 | 24                | 50                | 40                | 63                | 11                      | 38.4          |
| Paper .....                                                  | 522              | 280                               | -                 | 30                | 76                | 82                | 91                | ( <sup>1</sup> )        | 39.6          | 242                                   | 1                 | 27                | 63                | 59                | 84                | 7                       | 40.8          |
| Printing .....                                               | 775              | 209                               | ( <sup>1</sup> )  | 38                | 49                | 44                | 73                | 4                       | 39.8          | 566                                   | 34                | 134               | 131               | 112               | 134               | 20                      | 33.8          |
| Chemicals and petroleum .....                                | 814              | 255                               | -                 | 34                | 86                | 48                | 87                | -                       | 37.3          | 560                                   | -                 | 62                | 150               | 136               | 200               | 12                      | 40.8          |
| Other nondurable goods .....                                 | 548              | 169                               | ( <sup>1</sup> )  | 28                | 55                | 36                | 48                | 1                       | 36.0          | 379                                   | 3                 | 85                | 98                | 70                | 116               | 6                       | 36.1          |
| Transportation, communication,<br>and public utilities ..... | 3,507            | 1,756                             | -                 | 163               | 524               | 436               | 621               | 12                      | 38.8          | 1,751                                 | 19                | 286               | 500               | 395               | 528               | 23                      | 36.1          |
| Transportation .....                                         | 2,261            | 1,293                             | -                 | 129               | 359               | 315               | 479               | 11                      | 39.6          | 968                                   | 13                | 176               | 267               | 211               | 280               | 22                      | 35.5          |
| Communication .....                                          | 729              | 356                               | -                 | 27                | 128               | 80                | 122               | -                       | 37.0          | 373                                   | 4                 | 41                | 108               | 102               | 118               | -                       | 36.8          |
| Other public utilities .....                                 | 1,004            | 509                               | -                 | 46                | 172               | 112               | 177               | 3                       | 38.0          | 494                                   | 2                 | 78                | 143               | 101               | 168               | 3                       | 37.4          |
| Trade .....                                                  | 8,447            | 1,066                             | 48                | 294               | 307               | 159               | 251               | 7                       | 31.1          | 7,380                                 | 710               | 2,044             | 1,842             | 1,042             | 1,501             | 242                     | 29.7          |
| Wholesale .....                                              | 2,335            | 307                               | -                 | 58                | 100               | 60                | 89                | -                       | 35.4          | 2,028                                 | 23                | 330               | 641               | 400               | 556               | 77                      | 36.1          |
| Retail .....                                                 | 6,112            | 760                               | 48                | 237               | 207               | 99                | 162               | 7                       | 29.8          | 5,352                                 | 687               | 1,713             | 1,201             | 642               | 944               | 165                     | 27.2          |
| Finance, insurance, and real estate .....                    | 1,805            | 115                               | -                 | 14                | 28                | 21                | 47                | 4                       | 41.1          | 1,691                                 | 19                | 218               | 463               | 375               | 520               | 96                      | 38.7          |
| Services .....                                               | 8,089            | 1,926                             | 6                 | 155               | 615               | 452               | 654               | 45                      | 38.7          | 6,163                                 | 282               | 1,208             | 1,762             | 1,069             | 1,560             | 282                     | 34.2          |
| Business and repair .....                                    | 1,671            | 206                               | -                 | 51                | 64                | 39                | 53                | -                       | 32.4          | 1,464                                 | 54                | 357               | 399               | 281               | 303               | 71                      | 32.8          |
| Personal services .....                                      | 641              | 99                                | 2                 | 21                | 20                | 18                | 35                | 2                       | 37.0          | 543                                   | 78                | 136               | 130               | 57                | 114               | 29                      | 30.1          |
| Private household services .....                             | 146              | 2                                 | -                 | -                 | -                 | 2                 | -                 | -                       | 42.0          | 144                                   | 55                | 47                | 15                | 3                 | 18                | 7                       | 19.9          |
| Other personal services .....                                | 495              | 97                                | 2                 | 21                | 20                | 16                | 35                | 2                       | 36.5          | 398                                   | 23                | 89                | 115               | 54                | 96                | 22                      | 32.0          |

See footnotes at end of table.



**Table 14. Continued—Age distribution of employed wage and salary workers by industry, labor organization representation, sex, and race, May 1980**

(Numbers in thousands)

| Industry of current job              | Total<br>workers | Represented by labor organization |                   |                   |                   |                   |                   |                         |               | Not represented by labor organization |                   |                   |                   |                   |                   |                         |               |
|--------------------------------------|------------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|---------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|
|                                      |                  | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                                 | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |
| White men—Continued                  |                  |                                   |                   |                   |                   |                   |                   |                         |               |                                       |                   |                   |                   |                   |                   |                         |               |
| Entertainment .....                  | 484              | 84                                | 2                 | 16                | 24                | 17                | 18                | 7                       | 36.9          | 400                                   | 54                | 140               | 81                | 29                | 70                | 26                      | 26.1          |
| Professional services .....          | 5,293            | 1,537                             | 1                 | 67                | 508               | 378               | 548               | 36                      | 39.4          | 3,756                                 | 97                | 575               | 1,152             | 703               | 1,073             | 156                     | 35.8          |
| Education .....                      | 2,466            | 1,144                             | 1                 | 36                | 379               | 290               | 411               | 26                      | 39.5          | 1,322                                 | 45                | 247               | 388               | 248               | 367               | 27                      | 35.2          |
| Hospitals .....                      | 719              | 147                               | —                 | 22                | 52                | 23                | 46                | 5                       | 36.9          | 572                                   | 12                | 107               | 228               | 67                | 142               | 16                      | 33.3          |
| Other professional services .....    | 2,107            | 246                               | —                 | 9                 | 76                | 65                | 91                | 5                       | 40.6          | 1,862                                 | 40                | 221               | 536               | 389               | 564               | 113                     | 37.3          |
| Forestry and fisheries .....         | 61               | 10                                | —                 | ( <sup>1</sup> )  | 4                 | 1                 | 5                 | —                       | 35.0          | 51                                    | 3                 | 6                 | 18                | 15                | 10                | —                       | 33.2          |
| Public administration .....          | 2,994            | 1,358                             | 2                 | 76                | 438               | 343               | 485               | 14                      | 39.6          | 1,636                                 | 15                | 142               | 440               | 369               | 601               | 69                      | 40.4          |
| Federal, except postal .....         | 896              | 255                               | —                 | 8                 | 86                | 66                | 94                | 2                       | 39.3          | 641                                   | —                 | 31                | 175               | 162               | 263               | 11                      | 41.4          |
| Postal .....                         | 427              | 373                               | —                 | 25                | 88                | 81                | 174               | 5                       | 45.5          | 54                                    | —                 | 1                 | 10                | 10                | 27                | 6                       | 50.0          |
| State .....                          | 542              | 182                               | —                 | 10                | 50                | 52                | 69                | 1                       | 40.5          | 360                                   | 8                 | 46                | 89                | 79                | 127               | 12                      | 39.6          |
| Local .....                          | 1,129            | 549                               | 2                 | 33                | 215               | 144               | 148               | 7                       | 36.6          | 581                                   | 7                 | 64                | 166               | 118               | 184               | 41                      | 39.0          |
| Black and other men                  |                  |                                   |                   |                   |                   |                   |                   |                         |               |                                       |                   |                   |                   |                   |                   |                         |               |
| All industries .....                 | 5,262            | 1,927                             | 11                | 250               | 580               | 449               | 621               | 17                      | 37.3          | 3,335                                 | 119               | 764               | 959               | 613               | 765               | 115                     | 33.3          |
| Agriculture .....                    | 151              | 6                                 | —                 | —                 | —                 | 3                 | 2                 | 2                       | 47.3          | 144                                   | 2                 | 31                | 24                | 36                | 43                | 9                       | 38.4          |
| Mining .....                         | 41               | 14                                | —                 | 5                 | 6                 | 2                 | 2                 | —                       | 31.0          | 26                                    | —                 | 5                 | 9                 | 5                 | 7                 | —                       | 32.0          |
| Construction .....                   | 428              | 153                               | 2                 | 17                | 53                | 27                | 50                | 3                       | 36.0          | 276                                   | 6                 | 65                | 62                | 63                | 76                | 3                       | 35.5          |
| Manufacturing, total .....           | 1,498            | 725                               | —                 | 95                | 217               | 178               | 232               | 4                       | 36.1          | 772                                   | 6                 | 162               | 265               | 154               | 173               | 13                      | 33.2          |
| Durable goods, total .....           | 941              | 473                               | —                 | 57                | 145               | 126               | 140               | 4                       | 35.8          | 468                                   | 2                 | 96                | 166               | 98                | 101               | 5                       | 33.0          |
| Metal industries .....               | 249              | 156                               | —                 | 11                | 44                | 45                | 52                | 4                       | 39.3          | 93                                    | —                 | 14                | 36                | 24                | 16                | 3                       | 34.8          |
| Machinery, except electrical .....   | 131              | 58                                | —                 | 7                 | 26                | 14                | 10                | —                       | 33.7          | 73                                    | 2                 | 14                | 34                | 8                 | 14                | —                       | 30.0          |
| Transportation equipment .....       | 191              | 140                               | —                 | 19                | 38                | 38                | 45                | —                       | 36.7          | 51                                    | —                 | 6                 | 16                | 18                | 10                | —                       | 34.9          |
| Automobiles .....                    | 83               | 72                                | —                 | 6                 | 21                | 20                | 25                | —                       | 39.5          | 11                                    | —                 | —                 | 4                 | 3                 | 4                 | —                       | 32.0          |
| Aircraft .....                       | 53               | 38                                | —                 | 7                 | 6                 | 14                | 12                | —                       | 36.0          | 15                                    | —                 | 2                 | 5                 | 6                 | 2                 | —                       | 35.0          |
| Other transportation equipment ..... | 55               | 30                                | —                 | 6                 | 10                | 5                 | 9                 | —                       | 32.7          | 25                                    | —                 | 4                 | 8                 | 9                 | 5                 | —                       | 34.7          |
| Other durable goods .....            | 370              | 118                               | —                 | 20                | 37                | 30                | 32                | ( <sup>1</sup> )        | 34.8          | 251                                   | —                 | 63                | 79                | 47                | 61                | 3                       | 32.8          |
| Nondurable goods, total .....        | 557              | 253                               | —                 | 38                | 72                | 51                | 92                | —                       | 36.7          | 304                                   | 4                 | 66                | 99                | 56                | 72                | 8                       | 33.8          |
| Food .....                           | 128              | 81                                | —                 | 15                | 21                | 14                | 32                | —                       | 34.8          | 47                                    | —                 | 12                | 10                | 14                | 11                | —                       | 37.2          |
| Textiles .....                       | 77               | 12                                | —                 | 1                 | 4                 | 2                 | 5                 | —                       | 38.0          | 65                                    | —                 | 17                | 19                | 15                | 12                | 2                       | 31.0          |
| Apparel .....                        | 54               | 18                                | —                 | 2                 | 4                 | 5                 | 7                 | —                       | 38.0          | 36                                    | ( <sup>1</sup> )  | 6                 | 18                | 5                 | 7                 | —                       | 32.8          |
| Paper .....                          | 59               | 43                                | —                 | 2                 | 18                | 8                 | 15                | —                       | 35.5          | 16                                    | —                 | —                 | 6                 | 2                 | 6                 | 2                       | 42.0          |
| Printing .....                       | 71               | 30                                | —                 | 4                 | 7                 | 9                 | 9                 | —                       | 38.7          | 42                                    | 3                 | 11                | 6                 | 6                 | 14                | 2                       | 35.0          |
| Chemicals and petroleum .....        | 100              | 30                                | —                 | 6                 | 12                | 6                 | 6                 | —                       | 31.0          | 70                                    | —                 | 7                 | 33                | 10                | 18                | 2                       | 34.0          |
| Other nondurable goods .....         | 48               | 26                                | —                 | 5                 | 6                 | 4                 | 11                | —                       | 38.0          | 22                                    | —                 | 14                | 4                 | 2                 | 2                 | —                       | 25.5          |

See footnotes at end of table.



Table 14. Continued—Age distribution of employed wage and salary workers by industry, labor organization representation, sex, and race, May 1980

(Numbers in thousands)

| Industry of current job                                      | Total<br>workers | Represented by labor organization |                   |                   |                   |                   |                   |                         |               | Not represented by labor organization |                   |                   |                   |                   |                   |                         |               |  |
|--------------------------------------------------------------|------------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|---------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|--|
|                                                              |                  | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                                 | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |  |
| Black and other men—Continued                                |                  |                                   |                   |                   |                   |                   |                   |                         |               |                                       |                   |                   |                   |                   |                   |                         |               |  |
| Transportation, communication,<br>and public utilities ..... | 441              | 249                               | -                 | 28                | 84                | 74                | 63                | -                       | 37.5          | 192                                   | 3                 | 35                | 68                | 45                | 39                | 2                       | 33.4          |  |
| Transportation .....                                         | 317              | 194                               | -                 | 13                | 65                | 59                | 57                | -                       | 38.9          | 123                                   | 3                 | 32                | 44                | 20                | 23                | 1                       | 31.7          |  |
| Communication .....                                          | 68               | 38                                | -                 | 15                | 14                | 6                 | 3                 | -                       | 30.0          | 30                                    | -                 | 5                 | 10                | 8                 | 7                 | -                       | 36.7          |  |
| Other public utilities .....                                 | 110              | 65                                | -                 | 4                 | 24                | 22                | 15                | -                       | 38.7          | 45                                    | -                 | (1)               | 17                | 19                | 9                 | 1                       | 36.0          |  |
| Trade .....                                                  | 859              | 175                               | 7                 | 30                | 48                | 33                | 55                | 1                       | 33.6          | 684                                   | 58                | 215               | 177               | 103               | 111               | 21                      | 28.3          |  |
| Wholesale .....                                              | 227              | 70                                | -                 | 6                 | 22                | 15                | 26                | 1                       | 40.0          | 158                                   | (1)               | 31                | 48                | 43                | 30                | 6                       | 33.9          |  |
| Retail .....                                                 | 631              | 105                               | 7                 | 24                | 26                | 18                | 30                | -                       | 31.7          | 526                                   | 57                | 184               | 129               | 60                | 81                | 15                      | 26.7          |  |
| Finance, insurance, and real estate .....                    | 177              | 30                                | -                 | 6                 | 9                 | 6                 | 9                 | -                       | 37.0          | 148                                   | 12                | 20                | 51                | 24                | 34                | 6                       | 33.5          |  |
| Services .....                                               | 1,171            | 309                               | 2                 | 39                | 90                | 71                | 103               | 4                       | 38.3          | 862                                   | 31                | 193               | 236               | 135               | 212               | 56                      | 34.1          |  |
| Business and repair .....                                    | 212              | 40                                | -                 | 4                 | 13                | 10                | 12                | 2                       | 40.0          | 172                                   | 1                 | 61                | 51                | 28                | 28                | 3                       | 28.5          |  |
| Personal services .....                                      | 152              | 22                                | -                 | 3                 | 4                 | 8                 | 7                 | (1)                     | 36.7          | 130                                   | 10                | 22                | 27                | 8                 | 47                | 16                      | 46.0          |  |
| Private household services .....                             | 41               | -                                 | -                 | -                 | -                 | -                 | -                 | -                       | -             | 41                                    | 3                 | 2                 | 6                 | 4                 | 14                | 13                      | 52.0          |  |
| Other personal services .....                                | 110              | 22                                | -                 | 3                 | 4                 | 8                 | 7                 | (1)                     | 36.7          | 88                                    | 7                 | 19                | 22                | 4                 | 34                | 3                       | 40.0          |  |
| Entertainment .....                                          | 47               | 7                                 | -                 | (1)               | 3                 | 2                 | 2                 | -                       | 38.0          | 40                                    | 4                 | 14                | 7                 | 2                 | 9                 | 4                       | 29.0          |  |
| Professional services .....                                  | 760              | 240                               | 2                 | 32                | 70                | 52                | 83                | 2                       | 38.8          | 520                                   | 16                | 96                | 150               | 97                | 128               | 33                      | 35.0          |  |
| Education .....                                              | 328              | 103                               | 2                 | 15                | 24                | 26                | 38                | -                       | 40.0          | 225                                   | 13                | 50                | 58                | 37                | 62                | 4                       | 33.9          |  |
| Hospitals .....                                              | 215              | 93                                | -                 | 14                | 31                | 19                | 27                | 2                       | 36.0          | 122                                   | 1                 | 21                | 46                | 27                | 23                | 5                       | 33.7          |  |
| Other professional services .....                            | 217              | 44                                | -                 | 4                 | 15                | 7                 | 19                | -                       | 34.0          | 172                                   | 1                 | 25                | 46                | 33                | 43                | 24                      | 37.1          |  |
| Forestry and fisheries .....                                 | 6                | 1                                 | -                 | -                 | -                 | 1                 | (1)               | -                       | 46.0          | 5                                     | -                 | 2                 | 1                 | 1                 | -                 | 1                       | 23.5          |  |
| Public administration .....                                  | 437              | 217                               | -                 | 28                | 54                | 41                | 91                | 3                       | 41.7          | 220                                   | (1)               | 34                | 63                | 46                | 72                | 4                       | 37.8          |  |
| Federal, except postal .....                                 | 157              | 62                                | -                 | 7                 | 9                 | 17                | 28                | 1                       | 43.6          | 94                                    | -                 | 5                 | 28                | 20                | 41                | (1)                     | 40.7          |  |
| Postal .....                                                 | 93               | 82                                | -                 | 8                 | 25                | 12                | 36                | 1                       | 40.0          | 11                                    | -                 | -                 | 4                 | 2                 | 4                 | -                       | 40.0          |  |
| State .....                                                  | 44               | 12                                | -                 | 2                 | 3                 | (1)               | 8                 | -                       | 49.3          | 32                                    | (1)               | 3                 | 11                | 5                 | 11                | 2                       | 33.5          |  |
| Local .....                                                  | 143              | 60                                | -                 | 10                | 18                | 12                | 20                | -                       | 40.6          | 83                                    | -                 | 26                | 20                | 19                | 16                | 2                       | 35.6          |  |

See footnotes at end of table.



**Table 14. Continued—Age distribution of employed wage and salary workers by industry, labor organization representation, sex, and race, May 1980**

(Numbers in thousands)

| Industry of current job                                      | Total<br>workers | Represented by labor organization |                   |                   |                   |                   |                   |                         |               | Not represented by labor organization |                   |                   |                   |                   |                   |                         |               |
|--------------------------------------------------------------|------------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|---------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|
|                                                              |                  | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                                 | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |
| Women                                                        |                  |                                   |                   |                   |                   |                   |                   |                         |               |                                       |                   |                   |                   |                   |                   |                         |               |
| All industries .....                                         | 38,132           | 7,191                             | 40                | 943               | 2,200             | 1,627             | 2,280             | 102                     | 37.3          | 30,940                                | 1,213             | 7,276             | 8,085             | 5,847             | 7,685             | 835                     | 33.4          |
| Agriculture .....                                            | 314              | 10                                | -                 | 2                 | 5                 | 1                 | 2                 | -                       | 34.0          | 304                                   | 26                | 96                | 69                | 50                | 59                | 4                       | 29.0          |
| Mining .....                                                 | 122              | 13                                | 1                 | 4                 | 5                 | 1                 | 2                 | -                       | 27.0          | 109                                   | 3                 | 39                | 36                | 18                | 11                | 2                       | 27.6          |
| Construction .....                                           | 415              | 29                                | -                 | 6                 | 6                 | 4                 | 13                | -                       | 31.8          | 385                                   | 4                 | 92                | 104               | 88                | 95                | 3                       | 34.6          |
| Manufacturing, total .....                                   | 6,642            | 1,638                             | 4                 | 214               | 405               | 378               | 618               | 19                      | 40.1          | 5,004                                 | 62                | 1,127             | 1,367             | 1,005             | 1,397             | 47                      | 34.5          |
| Durable goods, total .....                                   | 3,241            | 855                               | 1                 | 114               | 222               | 210               | 304               | 4                       | 39.2          | 2,385                                 | 26                | 534               | 693               | 466               | 645               | 21                      | 33.8          |
| Metal industries .....                                       | 511              | 136                               | -                 | 14                | 55                | 20                | 46                | 2                       | 35.3          | 375                                   | 4                 | 63                | 121               | 84                | 101               | 3                       | 34.8          |
| Machinery, except electrical .....                           | 569              | 102                               | -                 | 19                | 23                | 26                | 35                | -                       | 39.1          | 467                                   | 2                 | 114               | 156               | 68                | 125               | 2                       | 31.7          |
| Transportation equipment .....                               | 373              | 171                               | 1                 | 19                | 51                | 42                | 57                | -                       | 37.3          | 202                                   | 2                 | 42                | 59                | 48                | 51                | -                       | 34.8          |
| Automobiles .....                                            | 151              | 79                                | -                 | 5                 | 28                | 17                | 29                | -                       | 38.0          | 72                                    | 2                 | 13                | 21                | 19                | 17                | -                       | 34.5          |
| Aircraft .....                                               | 177              | 72                                | 1                 | 13                | 19                | 18                | 20                | -                       | 35.3          | 106                                   | -                 | 22                | 30                | 22                | 32                | -                       | 36.0          |
| Other transportation equipment .....                         | 45               | 20                                | -                 | 1                 | 4                 | 7                 | 8                 | -                       | 41.0          | 25                                    | -                 | 7                 | 9                 | 7                 | 2                 | -                       | 28.0          |
| Other durable goods .....                                    | 1,788            | 446                               | -                 | 61                | 94                | 123               | 167               | 2                       | 40.7          | 1,341                                 | 19                | 316               | 356               | 267               | 369               | 15                      | 34.0          |
| Nondurable goods, total .....                                | 3,402            | 783                               | 3                 | 100               | 183               | 168               | 315               | 15                      | 41.3          | 2,619                                 | 36                | 593               | 673               | 539               | 752               | 26                      | 35.2          |
| Food .....                                                   | 492              | 137                               | -                 | 18                | 36                | 26                | 55                | 2                       | 39.3          | 354                                   | 6                 | 84                | 69                | 82                | 111               | 2                       | 36.9          |
| Textiles .....                                               | 357              | 57                                | 2                 | 9                 | 8                 | 15                | 24                | -                       | 43.0          | 300                                   | 5                 | 68                | 71                | 57                | 96                | 3                       | 36.1          |
| Apparel .....                                                | 998              | 279                               | 1                 | 21                | 55                | 57                | 134               | 11                      | 45.6          | 719                                   | 10                | 149               | 182               | 152               | 223               | 3                       | 36.7          |
| Paper .....                                                  | 170              | 57                                | -                 | 14                | 12                | 13                | 18                | -                       | 35.3          | 113                                   | 1                 | 26                | 31                | 26                | 31                | -                       | 34.9          |
| Printing .....                                               | 586              | 69                                | -                 | 9                 | 24                | 16                | 19                | (1)                     | 36.6          | 517                                   | 13                | 133               | 145               | 98                | 122               | 7                       | 33.0          |
| Chemicals and petroleum .....                                | 326              | 67                                | -                 | 11                | 19                | 13                | 24                | -                       | 37.3          | 258                                   | -                 | 47                | 90                | 55                | 67                | -                       | 33.1          |
| Other nondurable goods .....                                 | 432              | 112                               | -                 | 15                | 28                | 28                | 40                | 2                       | 41.8          | 320                                   | 1                 | 78                | 79                | 60                | 90                | 11                      | 35.6          |
| Transportation, communication,<br>and public utilities ..... | 1,521            | 629                               | 1                 | 84                | 253               | 143               | 147               | 2                       | 34.0          | 892                                   | 6                 | 176               | 323               | 183               | 195               | 10                      | 32.5          |
| Transportation .....                                         | 663              | 194                               | -                 | 23                | 70                | 57                | 42                | 2                       | 35.0          | 470                                   | 3                 | 92                | 156               | 110               | 105               | 5                       | 34.0          |
| Communication .....                                          | 650              | 381                               | (1)               | 51                | 160               | 82                | 88                | -                       | 33.8          | 268                                   | 2                 | 48                | 113               | 45                | 55                | 4                       | 31.4          |
| Other public utilities .....                                 | 245              | 82                                | (1)               | 13                | 32                | 10                | 25                | 2                       | 33.3          | 163                                   | -                 | 36                | 57                | 28                | 41                | 2                       | 31.8          |
| Trade .....                                                  | 8,095            | 656                               | 21                | 174               | 160               | 122               | 165               | 13                      | 33.2          | 7,440                                 | 694               | 2,260             | 1,589             | 1,100             | 1,583             | 215                     | 29.3          |
| Wholesale .....                                              | 857              | 55                                | -                 | 6                 | 9                 | 17                | 19                | 3                       | 43.0          | 802                                   | 8                 | 179               | 260               | 144               | 192               | 19                      | 32.8          |
| Retail .....                                                 | 7,238            | 600                               | 21                | 167               | 151               | 104               | 146               | 10                      | 32.5          | 6,638                                 | 686               | 2,080             | 1,329             | 956               | 1,391             | 196                     | 28.7          |
| Finance, insurance, and real estate .....                    | 3,170            | 105                               | -                 | 37                | 31                | 13                | 24                | 1                       | 29.7          | 3,064                                 | 43                | 801               | 882               | 601               | 691               | 46                      | 32.4          |
| Services .....                                               | 15,863           | 3,484                             | 12                | 333               | 1,139             | 828               | 1,110             | 62                      | 37.8          | 12,380                                | 356               | 2,454             | 3,349             | 2,508             | 3,237             | 475                     | 34.9          |
| Business and repair .....                                    | 1,020            | 85                                | -                 | 18                | 16                | 24                | 27                | -                       | 38.4          | 934                                   | 16                | 254               | 279               | 160               | 205               | 21                      | 31.3          |
| Personal services .....                                      | 2,074            | 127                               | 6                 | 23                | 19                | 25                | 50                | 3                       | 38.4          | 1,948                                 | 150               | 328               | 396               | 296               | 605               | 173                     | 37.2          |
| Private household services .....                             | 1,027            | 7                                 | 2                 | -                 | -                 | -                 | 4                 | 2                       | 52.0          | 1,019                                 | 119               | 127               | 137               | 128               | 376               | 133                     | 44.1          |
| Other personal services .....                                | 1,048            | 120                               | 5                 | 23                | 19                | 25                | 46                | 2                       | 38.2          | 928                                   | 31                | 201               | 260               | 168               | 229               | 40                      | 33.8          |

See footnotes at end of table.



**Table 14. Continued—Age distribution of employed wage and salary workers by industry, labor organization representation, sex, and race, May 1980**

(Numbers in thousands)

| Industry of current job              | Total<br>workers | Represented by labor organization |                   |                   |                   |                   |                   |                         |               | Not represented by labor organization |                   |                   |                   |                   |                   |                         |               |
|--------------------------------------|------------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|---------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|
|                                      |                  | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                                 | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |
| Women—Continued                      |                  |                                   |                   |                   |                   |                   |                   |                         |               |                                       |                   |                   |                   |                   |                   |                         |               |
| Entertainment .....                  | 371              | 50                                | 4                 | 8                 | 18                | 12                | 3                 | 5                       | 33.3          | 322                                   | 42                | 106               | 66                | 51                | 45                | 11                      | 26.3          |
| Professional services .....          | 12,398           | 3,222                             | 2                 | 284               | 1,086             | 768               | 1,029             | 53                      | 37.8          | 9,176                                 | 149               | 1,766             | 2,608             | 2,002             | 2,382             | 270                     | 35.2          |
| Education .....                      | 5,267            | 2,174                             | 2                 | 126               | 746               | 545               | 717               | 38                      | 38.2          | 3,094                                 | 49                | 510               | 819               | 761               | 870               | 86                      | 36.6          |
| Hospitals .....                      | 2,966            | 601                               | -                 | 83                | 191               | 132               | 188               | 7                       | 37.3          | 2,365                                 | 18                | 475               | 750               | 509               | 582               | 31                      | 34.1          |
| Other professional services .....    | 4,165            | 448                               | ( <sup>1</sup> )  | 75                | 149               | 91                | 123               | 9                       | 35.5          | 3,717                                 | 81                | 781               | 1,039             | 732               | 931               | 153                     | 34.7          |
| Forestry and fisheries .....         | 20               | 3                                 | -                 | 2                 | ( <sup>1</sup> )  | 1                 | -                 | -                       | 34.0          | 17                                    | 1                 | 7                 | 3                 | 3                 | 1                 | 1                       | 27.0          |
| Public administration .....          | 1,933            | 597                               | -                 | 85                | 187               | 130               | 190               | 5                       | 37.3          | 1,336                                 | 18                | 224               | 360               | 290               | 411               | 34                      | 36.9          |
| Federal, except postal .....         | 742              | 171                               | -                 | 21                | 55                | 42                | 52                | -                       | 37.1          | 572                                   | 5                 | 98                | 157               | 136               | 169               | 7                       | 36.0          |
| Postal .....                         | 172              | 115                               | -                 | 14                | 37                | 30                | 31                | 2                       | 40.3          | 57                                    | -                 | 4                 | 12                | 18                | 21                | 1                       | 43.5          |
| State .....                          | 386              | 116                               | -                 | 27                | 28                | 21                | 37                | 2                       | 37.0          | 270                                   | 4                 | 53                | 76                | 59                | 72                | 5                       | 34.5          |
| Local .....                          | 633              | 196                               | -                 | 22                | 68                | 37                | 69                | 1                       | 36.2          | 437                                   | 9                 | 68                | 115               | 76                | 149               | 20                      | 38.6          |
| White women                          |                  |                                   |                   |                   |                   |                   |                   |                         |               |                                       |                   |                   |                   |                   |                   |                         |               |
| All industries .....                 | 33,059           | 5,801                             | 34                | 793               | 1,753             | 1,275             | 1,854             | 92                      | 37.4          | 27,258                                | 1,116             | 6,507             | 6,982             | 5,105             | 6,825             | 723                     | 33.3          |
| Agriculture .....                    | 269              | 8                                 | -                 | 2                 | 4                 | -                 | 2                 | -                       | 27.0          | 261                                   | 21                | 90                | 57                | 39                | 53                | 2                       | 27.6          |
| Mining .....                         | 106              | 9                                 | -                 | 2                 | 5                 | 1                 | 2                 | -                       | 28.0          | 96                                    | 3                 | 35                | 30                | 15                | 11                | 2                       | 27.5          |
| Construction .....                   | 393              | 26                                | -                 | 6                 | 5                 | 2                 | 13                | -                       | 31.5          | 367                                   | 4                 | 88                | 97                | 83                | 92                | 3                       | 34.4          |
| Manufacturing, total .....           | 5,766            | 1,351                             | 4                 | 185               | 316               | 309               | 518               | 19                      | 40.5          | 4,415                                 | 62                | 986               | 1,163             | 866               | 1,298             | 41                      | 34.9          |
| Durable goods, total .....           | 2,845            | 696                               | 1                 | 100               | 165               | 169               | 257               | 4                       | 39.9          | 2,150                                 | 26                | 478               | 606               | 416               | 607               | 17                      | 34.1          |
| Metal industries .....               | 460              | 112                               | -                 | 13                | 47                | 14                | 37                | 2                       | 34.6          | 348                                   | 4                 | 60                | 105               | 77                | 100               | 3                       | 35.7          |
| Machinery, except electrical .....   | 527              | 93                                | -                 | 18                | 18                | 24                | 33                | -                       | 40.0          | 435                                   | 2                 | 103               | 143               | 65                | 119               | 2                       | 31.8          |
| Transportation equipment .....       | 300              | 128                               | 1                 | 13                | 34                | 32                | 49                | -                       | 39.3          | 172                                   | 2                 | 33                | 47                | 42                | 48                | -                       | 35.7          |
| Automobiles .....                    | 117              | 57                                | -                 | 5                 | 18                | 11                | 23                | -                       | 39.3          | 60                                    | 2                 | 10                | 15                | 17                | 17                | -                       | 35.7          |
| Aircraft .....                       | 143              | 54                                | 1                 | 6                 | 14                | 14                | 18                | -                       | 38.0          | 89                                    | -                 | 16                | 26                | 19                | 29                | -                       | 37.0          |
| Other transportation equipment ..... | 41               | 18                                | -                 | 1                 | 2                 | 7                 | 8                 | -                       | 42.0          | 23                                    | -                 | 7                 | 7                 | 7                 | 2                 | -                       | 29.0          |
| Other durable goods .....            | 1,558            | 362                               | -                 | 56                | 67                | 100               | 138               | 2                       | 40.9          | 1,195                                 | 19                | 282               | 311               | 232               | 341               | 11                      | 34.2          |
| Nondurable goods, total .....        | 2,921            | 655                               | 3                 | 86                | 151               | 139               | 261               | 15                      | 41.2          | 2,266                                 | 36                | 508               | 557               | 450               | 690               | 24                      | 35.6          |
| Food .....                           | 420              | 115                               | -                 | 15                | 34                | 20                | 44                | 2                       | 38.7          | 305                                   | 6                 | 76                | 55                | 69                | 97                | 2                       | 36.9          |
| Textiles .....                       | 301              | 47                                | 2                 | 7                 | 6                 | 12                | 20                | -                       | 44.0          | 254                                   | 5                 | 58                | 55                | 48                | 85                | 3                       | 36.7          |
| Apparel .....                        | 818              | 226                               | 1                 | 16                | 43                | 49                | 106               | 11                      | 45.6          | 593                                   | 10                | 122               | 136               | 121               | 200               | 3                       | 37.7          |
| Paper .....                          | 156              | 52                                | -                 | 12                | 9                 | 13                | 18                | -                       | 38.0          | 104                                   | 1                 | 23                | 27                | 25                | 29                | -                       | 35.5          |
| Printing .....                       | 532              | 64                                | -                 | 9                 | 24                | 16                | 15                | ( <sup>1</sup> )        | 34.5          | 467                                   | 13                | 115               | 131               | 84                | 117               | 7                       | 33.2          |
| Chemicals and petroleum .....        | 292              | 56                                | -                 | 11                | 15                | 10                | 20                | -                       | 38.0          | 236                                   | -                 | 44                | 79                | 47                | 66                | -                       | 33.4          |
| Other nondurable goods .....         | 369              | 91                                | -                 | 14                | 19                | 20                | 37                | 2                       | 43.4          | 278                                   | 1                 | 64                | 68                | 51                | 85                | 9                       | 36.0          |

See footnotes at end of table.



**Table 14. Continued—Age distribution of employed wage and salary workers by industry, labor organization representation, sex, and race, May 1980**

(Numbers in thousands)

| Industry of current job                                      | Total<br>workers | Represented by labor organization |                   |                   |                   |                   |                   |                         |               | Not represented by labor organization |                   |                   |                   |                   |                   |                         |               |  |
|--------------------------------------------------------------|------------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|---------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|--|
|                                                              |                  | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                                 | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |  |
| White women—Continued                                        |                  |                                   |                   |                   |                   |                   |                   |                         |               |                                       |                   |                   |                   |                   |                   |                         |               |  |
| Transportation, communication,<br>and public utilities ..... | 1,310            | 498                               | 1                 | 72                | 183               | 117               | 125               | 2                       | 34.6          | 812                                   | 6                 | 159               | 274               | 172               | 191               | 10                      | 33.4          |  |
| Transportation .....                                         | 593              | 157                               | -                 | 18                | 59                | 51                | 28                | 2                       | 35.0          | 435                                   | 3                 | 86                | 133               | 105               | 103               | 5                       | 34.8          |  |
| Communication .....                                          | 542              | 303                               | ( <sup>1</sup> )  | 42                | 111               | 68                | 82                | -                       | 34.7          | 239                                   | 2                 | 42                | 91                | 45                | 55                | 4                       | 32.8          |  |
| Other public utilities .....                                 | 210              | 64                                | ( <sup>1</sup> )  | 13                | 21                | 5                 | 23                | 2                       | 34.0          | 146                                   | -                 | 31                | 51                | 23                | 39                | 2                       | 32.4          |  |
| Trade .....                                                  | 7,416            | 568                               | 21                | 160               | 133               | 98                | 142               | 13                      | 32.3          | 6,848                                 | 641               | 2,083             | 1,433             | 1,008             | 1,475             | 208                     | 29.3          |  |
| Wholesale .....                                              | 799              | 47                                | -                 | 6                 | 7                 | 14                | 17                | 3                       | 44.3          | 752                                   | 8                 | 171               | 239               | 137               | 180               | 18                      | 32.8          |  |
| Retail .....                                                 | 6,617            | 521                               | 21                | 154               | 127               | 84                | 125               | 10                      | 31.7          | 6,096                                 | 633               | 1,913             | 1,194             | 871               | 1,295             | 190                     | 28.7          |  |
| Finance, insurance, and real estate .....                    | 2,878            | 84                                | -                 | 28                | 24                | 8                 | 24                | 1                       | 32.0          | 2,794                                 | 35                | 730               | 777               | 544               | 664               | 44                      | 32.7          |  |
| Services .....                                               | 13,307           | 2,776                             | 8                 | 266               | 943               | 643               | 864               | 52                      | 37.6          | 10,532                                | 330               | 2,170             | 2,865             | 2,132             | 2,653             | 382                     | 34.5          |  |
| Business and repair .....                                    | 924              | 69                                | -                 | 13                | 16                | 22                | 18                | -                       | 37.7          | 855                                   | 15                | 232               | 245               | 150               | 192               | 21                      | 31.7          |  |
| Personal services .....                                      | 1,515            | 80                                | 6                 | 17                | 15                | 14                | 24                | 3                       | 37.9          | 1,435                                 | 146               | 295               | 334               | 196               | 358               | 105                     | 33.2          |  |
| Private household services .....                             | 669              | 5                                 | 2                 | -                 | -                 | -                 | 2                 | 2                       | 46.0          | 664                                   | 116               | 113               | 114               | 82                | 172               | 68                      | 33.8          |  |
| Other personal services .....                                | 846              | 75                                | 5                 | 17                | 15                | 14                | 22                | 2                       | 37.7          | 771                                   | 30                | 182               | 220               | 115               | 187               | 38                      | 32.8          |  |
| Entertainment .....                                          | 343              | 46                                | 2                 | 8                 | 16                | 12                | 3                 | 5                       | 34.3          | 297                                   | 42                | 101               | 58                | 45                | 40                | 11                      | 25.7          |  |
| Professional services .....                                  | 10,525           | 2,581                             | -                 | 227               | 895               | 596               | 819               | 44                      | 37.6          | 7,944                                 | 126               | 1,543             | 2,227             | 1,741             | 2,063             | 245                     | 35.4          |  |
| Education .....                                              | 4,525            | 1,867                             | -                 | 114               | 642               | 470               | 611               | 29                      | 38.2          | 2,658                                 | 38                | 421               | 711               | 678               | 741               | 69                      | 36.9          |  |
| Hospitals .....                                              | 2,398            | 400                               | -                 | 64                | 135               | 68                | 126               | 7                       | 36.0          | 1,998                                 | 16                | 422               | 614               | 420               | 497               | 29                      | 34.0          |  |
| Other professional services .....                            | 3,603            | 314                               | -                 | 50                | 118               | 58                | 81                | 8                       | 35.3          | 3,289                                 | 72                | 700               | 902               | 644               | 824               | 147                     | 34.8          |  |
| Forestry and fisheries .....                                 | 19               | 3                                 | -                 | 2                 | ( <sup>1</sup> )  | 1                 | -                 | -                       | 34.0          | 17                                    | 1                 | 7                 | 3                 | 3                 | 1                 | 1                       | 28.0          |  |
| Public administration .....                                  | 1,561            | 452                               | -                 | 69                | 131               | 90                | 157               | 5                       | 38.6          | 1,109                                 | 13                | 159               | 281               | 242               | 382               | 31                      | 38.7          |  |
| Federal, except postal .....                                 | 559              | 116                               | -                 | 14                | 35                | 29                | 39                | -                       | 38.3          | 443                                   | 3                 | 61                | 116               | 106               | 150               | 7                       | 37.8          |  |
| Postal .....                                                 | 119              | 74                                | -                 | 14                | 19                | 16                | 24                | 2                       | 41.8          | 45                                    | -                 | 2                 | 7                 | 15                | 19                | 1                       | 44.9          |  |
| State .....                                                  | 333              | 97                                | -                 | 26                | 23                | 15                | 31                | 2                       | 37.2          | 236                                   | 2                 | 42                | 65                | 52                | 69                | 5                       | 35.3          |  |
| Local .....                                                  | 550              | 165                               | -                 | 16                | 55                | 30                | 64                | 1                       | 38.0          | 385                                   | 8                 | 54                | 92                | 69                | 143               | 17                      | 40.6          |  |

See footnotes at end of table.



Table 14. Continued—Age distribution of employed wage and salary workers by industry, labor organization representation, sex, and race, May 1980

(Numbers in thousands)

| Industry of current job                                      | Total<br>workers | Represented by labor organization |                   |                   |                   |                   |                   |                         |               | Not represented by labor organization |                   |                   |                   |                   |                   |                         |               |
|--------------------------------------------------------------|------------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|---------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|
|                                                              |                  | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                                 | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |
| Black and other women                                        |                  |                                   |                   |                   |                   |                   |                   |                         |               |                                       |                   |                   |                   |                   |                   |                         |               |
| All industries .....                                         | 5,072            | 1,390                             | 6                 | 150               | 447               | 353               | 425               | 10                      | 37.0          | 3,682                                 | 97                | 769               | 1,103             | 741               | 860               | 112                     | 33.6          |
| Agriculture .....                                            | 45               | 2                                 | -                 | -                 | ( <sup>1</sup> )  | 1                 | 1                 | -                       | 42.0          | 42                                    | 5                 | 6                 | 12                | 11                | 6                 | 2                       | 34.5          |
| Mining .....                                                 | 16               | 3                                 | 1                 | 2                 | -                 | -                 | -                 | -                       | 20.0          | 13                                    | -                 | 5                 | 6                 | 3                 | -                 | -                       | 31.0          |
| Construction .....                                           | 21               | 3                                 | -                 | -                 | 1                 | 2                 | -                 | -                       | 38.0          | 19                                    | -                 | 4                 | 7                 | 5                 | 3                 | -                       | 35.5          |
| Manufacturing, total .....                                   | 876              | 287                               | -                 | 29                | 89                | 70                | 100               | -                       | 38.8          | 589                                   | -                 | 142               | 203               | 139               | 100               | 6                       | 32.6          |
| Durable goods, total .....                                   | 395              | 160                               | -                 | 14                | 57                | 41                | 47                | -                       | 36.9          | 236                                   | -                 | 56                | 87                | 50                | 38                | 4                       | 31.6          |
| Metal industries .....                                       | 51               | 24                                | -                 | 1                 | 8                 | 6                 | 9                 | -                       | 38.0          | 27                                    | -                 | 3                 | 16                | 7                 | 1                 | -                       | 30.3          |
| Machinery, except electrical .....                           | 42               | 9                                 | -                 | 1                 | 5                 | 2                 | 2                 | -                       | 34.0          | 32                                    | -                 | 10                | 13                | 3                 | 6                 | -                       | 30.0          |
| Transportation equipment .....                               | 73               | 43                                | -                 | 7                 | 17                | 11                | 8                 | -                       | 32.5          | 30                                    | -                 | 10                | 12                | 5                 | 3                 | -                       | 32.3          |
| Automobiles .....                                            | 34               | 23                                | -                 | -                 | 10                | 6                 | 7                 | -                       | 35.3          | 12                                    | -                 | 3                 | 6                 | 2                 | -                 | -                       | 32.5          |
| Aircraft .....                                               | 35               | 18                                | -                 | 7                 | 6                 | 4                 | 1                 | -                       | 30.5          | 17                                    | -                 | 6                 | 4                 | 3                 | 3                 | -                       | 33.0          |
| Other transportation equipment .....                         | 4                | 2                                 | -                 | -                 | 2                 | -                 | -                 | -                       | 27.0          | 2                                     | -                 | -                 | 2                 | -                 | -                 | -                       | 27.0          |
| Other durable goods .....                                    | 230              | 84                                | -                 | 5                 | 27                | 23                | 29                | -                       | 39.4          | 146                                   | -                 | 34                | 45                | 35                | 28                | 4                       | 32.6          |
| Nondurable goods, total .....                                | 481              | 128                               | -                 | 14                | 32                | 28                | 53                | -                       | 41.4          | 353                                   | -                 | 85                | 116               | 89                | 61                | 2                       | 33.2          |
| Food .....                                                   | 72               | 22                                | -                 | 3                 | 2                 | 6                 | 12                | -                       | 44.0          | 50                                    | -                 | 8                 | 14                | 14                | 14                | -                       | 36.7          |
| Textiles .....                                               | 56               | 10                                | -                 | 2                 | 2                 | 3                 | 3                 | -                       | 42.0          | 46                                    | -                 | 10                | 16                | 9                 | 11                | -                       | 34.0          |
| Apparel .....                                                | 180              | 53                                | -                 | 5                 | 12                | 8                 | 28                | -                       | 46.0          | 127                                   | -                 | 28                | 45                | 31                | 23                | -                       | 33.6          |
| Paper .....                                                  | 15               | 5                                 | -                 | 2                 | 3                 | -                 | -                 | -                       | 27.0          | 10                                    | -                 | 3                 | 3                 | 1                 | 2                 | -                       | 28.5          |
| Printing .....                                               | 55               | 5                                 | -                 | -                 | -                 | 1                 | 4                 | -                       | 48.0          | 50                                    | -                 | 17                | 14                | 14                | 5                 | -                       | 30.0          |
| Chemicals and petroleum .....                                | 34               | 11                                | -                 | -                 | 5                 | 3                 | 3                 | -                       | 35.3          | 23                                    | -                 | 3                 | 11                | 8                 | 1                 | -                       | 31.0          |
| Other nondurable goods .....                                 | 63               | 21                                | -                 | 1                 | 9                 | 8                 | 3                 | -                       | 36.0          | 42                                    | -                 | 14                | 11                | 10                | 5                 | 2                       | 32.7          |
| Transportation, communication,<br>and public utilities ..... | 211              | 131                               | -                 | 13                | 70                | 26                | 22                | -                       | 32.6          | 80                                    | -                 | 16                | 49                | 11                | 4                 | -                       | 29.4          |
| Transportation .....                                         | 71               | 37                                | -                 | 5                 | 10                | 6                 | 14                | -                       | 35.0          | 34                                    | -                 | 5                 | 22                | 5                 | 2                 | -                       | 30.7          |
| Communication .....                                          | 108              | 78                                | -                 | 9                 | 49                | 14                | 6                 | -                       | 31.8          | 30                                    | -                 | 7                 | 23                | ( <sup>1</sup> )  | -                 | -                       | 27.3          |
| Other public utilities .....                                 | 35               | 18                                | -                 | ( <sup>1</sup> )  | 10                | 5                 | 2                 | -                       | 32.5          | 17                                    | -                 | 4                 | 5                 | 6                 | 2                 | -                       | 29.5          |
| Trade .....                                                  | 680              | 88                                | -                 | 14                | 27                | 24                | 23                | -                       | 38.0          | 592                                   | 53                | 176               | 157               | 92                | 108               | 7                       | 29.5          |
| Wholesale .....                                              | 58               | 9                                 | -                 | -                 | 3                 | 4                 | 2                 | -                       | 40.0          | 50                                    | -                 | 9                 | 22                | 6                 | 12                | 1                       | 33.4          |
| Retail .....                                                 | 621              | 79                                | -                 | 14                | 24                | 20                | 21                | -                       | 37.7          | 542                                   | 53                | 168               | 135               | 85                | 96                | 6                       | 29.0          |

See footnotes at end of table.



**Table 14. Continued—Age distribution of employed wage and salary workers by industry, labor organization representation, sex, and race, May 1980**

(Numbers in thousands)

| Industry of current job                   | Total<br>workers | Represented by labor organization |                   |                   |                   |                   |                   |                         |               | Not represented by labor organization |                   |                   |                   |                   |                   |                         |               |
|-------------------------------------------|------------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|---------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|
|                                           |                  | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                                 | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |
| Black and other women—Continued           |                  |                                   |                   |                   |                   |                   |                   |                         |               |                                       |                   |                   |                   |                   |                   |                         |               |
| Finance, insurance, and real estate ..... | 292              | 22                                | -                 | 9                 | 7                 | 5                 | -                 | -                       | 28.0          | 270                                   | 8                 | 71                | 105               | 58                | 27                | 1                       | 30.3          |
| Services .....                            | 2,556            | 708                               | 4                 | 67                | 196               | 185               | 246               | 10                      | 38.6          | 1,848                                 | 27                | 284               | 484               | 376               | 584               | 93                      | 37.7          |
| Business and repair .....                 | 95               | 16                                | -                 | 4                 | ( <sup>1</sup> )  | 3                 | 9                 | -                       | 49.0          | 79                                    | ( <sup>1</sup> )  | 23                | 33                | 10                | 13                | -                       | 28.6          |
| Personal services .....                   | 559              | 47                                | -                 | 6                 | 4                 | 11                | 27                | -                       | 39.4          | 512                                   | 3                 | 33                | 62                | 99                | 247               | 68                      | 50.4          |
| Private household services .....          | 358              | 2                                 | -                 | -                 | -                 | -                 | 2                 | -                       | 58.0          | 355                                   | 3                 | 13                | 23                | 46                | 204               | 65                      | 54.7          |
| Other personal services .....             | 202              | 45                                | -                 | 6                 | 4                 | 11                | 24                | -                       | 39.1          | 157                                   | 1                 | 19                | 39                | 53                | 42                | 3                       | 38.3          |
| Entertainment .....                       | 29               | 4                                 | 2                 | -                 | 2                 | -                 | ( <sup>1</sup> )  | -                       | 31.0          | 25                                    | -                 | 5                 | 8                 | 6                 | 5                 | -                       | 32.5          |
| Professional services .....               | 1,873            | 641                               | 2                 | 57                | 190               | 172               | 210               | 10                      | 38.5          | 1,232                                 | 23                | 223               | 380               | 260               | 320               | 25                      | 34.4          |
| Education .....                           | 743              | 307                               | 2                 | 12                | 103               | 75                | 106               | 8                       | 38.7          | 436                                   | 11                | 89                | 107               | 83                | 128               | 17                      | 35.1          |
| Hospitals .....                           | 568              | 201                               | -                 | 19                | 56                | 64                | 63                | -                       | 39.5          | 367                                   | 2                 | 53                | 136               | 89                | 84                | 2                       | 34.4          |
| Other professional services .....         | 562              | 133                               | ( <sup>1</sup> )  | 25                | 31                | 33                | 42                | 1                       | 36.0          | 429                                   | 10                | 80                | 137               | 88                | 107               | 6                       | 33.8          |
| Forestry and fisheries .....              | ( <sup>1</sup> ) | -                                 | -                 | -                 | -                 | -                 | -                 | -                       | -             | ( <sup>1</sup> )                      | -                 | ( <sup>1</sup> )  | -                 | -                 | -                 | -                       | 23.0          |
| Public administration .....               | 372              | 145                               | -                 | 16                | 56                | 40                | 33                | -                       | 34.6          | 228                                   | 4                 | 65                | 80                | 47                | 29                | 3                       | 30.2          |
| Federal, except postal .....              | 183              | 55                                | -                 | 7                 | 20                | 14                | 14                | -                       | 35.4          | 129                                   | 2                 | 37                | 40                | 30                | 19                | -                       | 30.8          |
| Postal .....                              | 52               | 40                                | -                 | ( <sup>1</sup> )  | 19                | 14                | 8                 | -                       | 35.3          | 12                                    | -                 | 2                 | 5                 | 3                 | 2                 | -                       | 31.5          |
| State .....                               | 53               | 18                                | -                 | 1                 | 5                 | 5                 | 6                 | -                       | 36.0          | 35                                    | 2                 | 12                | 12                | 7                 | 2                 | -                       | 27.0          |
| Local .....                               | 84               | 31                                | -                 | 7                 | 13                | 7                 | 5                 | -                       | 31.3          | 53                                    | ( <sup>1</sup> )  | 14                | 23                | 7                 | 6                 | 3                       | 30.0          |

<sup>1</sup> Fewer than 500 workers.

NOTE: Due to rounding, sums of individual items may not equal totals. Dashes (-) indicate no workers in cell.



Table 15. Age distribution of employed wage and salary workers by industry, labor organization membership, sex, and race, May 1980

(Numbers in thousands)

| Industry of current job                                      | Total workers | Workers in labor organization |                  |                |                |                |                |                   |            | Workers not in labor organization |                |                |                |                |                |                   |            |
|--------------------------------------------------------------|---------------|-------------------------------|------------------|----------------|----------------|----------------|----------------|-------------------|------------|-----------------------------------|----------------|----------------|----------------|----------------|----------------|-------------------|------------|
|                                                              |               | Total                         | 16 to 17 years   | 18 to 24 years | 25 to 34 years | 35 to 44 years | 45 to 64 years | 65 years and over | Median age | Total                             | 16 to 17 years | 18 to 24 years | 25 to 34 years | 35 to 44 years | 45 to 64 years | 65 years and over | Median age |
| Both sexes                                                   |               |                               |                  |                |                |                |                |                   |            |                                   |                |                |                |                |                |                   |            |
| All industries .....                                         | 87,480        | 20,095                        | 94               | 2,493          | 5,960          | 4,478          | 6,844          | 227               | 38.0       | 67,384                            | 2,666          | 14,814         | 18,137         | 12,610         | 17,208         | 1,949             | 33.8       |
| Agriculture .....                                            | 1,455         | 51                            | -                | 12             | 19             | 5              | 13             | 2                 | 35.6       | 1,404                             | 137            | 397            | 313            | 223            | 272            | 63                | 28.9       |
| Mining .....                                                 | 892           | 286                           | 1                | 49             | 86             | 71             | 78             | 1                 | 35.4       | 605                               | 3              | 138            | 205            | 110            | 141            | 8                 | 31.7       |
| Construction .....                                           | 4,982         | 1,574                         | 4                | 186            | 506            | 302            | 554            | 21                | 37.3       | 3,408                             | 72             | 936            | 979            | 572            | 796            | 54                | 31.7       |
| Manufacturing, total .....                                   | 20,976        | 6,771                         | 7                | 904            | 1,824          | 1,497          | 2,488          | 51                | 38.9       | 14,205                            | 170            | 2,758          | 3,878          | 3,017          | 4,163          | 218               | 35.7       |
| Durable goods, total .....                                   | 12,546        | 4,366                         | -                | 578            | 1,181          | 975            | 1,605          | 27                | 38.8       | 8,180                             | 72             | 1,534          | 2,324          | 1,769          | 2,383          | 98                | 35.5       |
| Metal industries .....                                       | 2,769         | 1,251                         | -                | 128            | 369            | 273            | 470            | 11                | 39.5       | 1,518                             | 8              | 255            | 435            | 330            | 470            | 19                | 36.3       |
| Machinery, except electrical .....                           | 2,779         | 798                           | -                | 132            | 227            | 157            | 275            | 8                 | 37.3       | 1,981                             | 21             | 368            | 595            | 400            | 574            | 22                | 34.9       |
| Transportation equipment .....                               | 2,031         | 1,038                         | -                | 112            | 264            | 256            | 401            | 6                 | 39.9       | 993                               | 7              | 147            | 249            | 237            | 348            | 4                 | 38.0       |
| Automobiles .....                                            | 951           | 582                           | -                | 43             | 164            | 151            | 221            | 3                 | 39.6       | 369                               | 2              | 44             | 94             | 99             | 131            | -                 | 38.4       |
| Aircraft .....                                               | 676           | 286                           | -                | 35             | 60             | 71             | 121            | -                 | 42.3       | 390                               | 1              | 51             | 81             | 91             | 161            | 4                 | 40.3       |
| Other transportation equipment .....                         | 404           | 170                           | -                | 35             | 40             | 34             | 58             | 3                 | 37.1       | 234                               | 4              | 52             | 74             | 47             | 56             | ( <sup>1</sup> )  | 34.1       |
| Other durable goods .....                                    | 4,966         | 1,278                         | -                | 206            | 322            | 289            | 460            | 2                 | 38.2       | 3,688                             | 35             | 764            | 1,045          | 801            | 990            | 53                | 34.8       |
| Nondurable goods, total .....                                | 8,430         | 2,405                         | 7                | 326            | 644            | 522            | 883            | 24                | 39.0       | 6,025                             | 98             | 1,224          | 1,554          | 1,249          | 1,781          | 120               | 36.0       |
| Food .....                                                   | 1,674         | 628                           | 2                | 92             | 161            | 136            | 232            | 5                 | 38.1       | 1,046                             | 17             | 241            | 257            | 218            | 295            | 18                | 34.4       |
| Textiles .....                                               | 786           | 117                           | 2                | 21             | 20             | 27             | 45             | 1                 | 40.0       | 669                               | 11             | 143            | 151            | 133            | 215            | 17                | 37.3       |
| Apparel .....                                                | 1,298         | 326                           | 3                | 25             | 68             | 66             | 155            | 10                | 44.8       | 972                               | 14             | 185            | 251            | 202            | 305            | 16                | 37.0       |
| Paper .....                                                  | 751           | 369                           | -                | 44             | 102            | 101            | 122            | ( <sup>1</sup> )  | 38.9       | 382                               | 2              | 54             | 105            | 89             | 124            | 9                 | 38.3       |
| Printing .....                                               | 1,433         | 290                           | ( <sup>1</sup> ) | 48             | 75             | 63             | 99             | 4                 | 39.3       | 1,143                             | 50             | 281            | 289            | 223            | 272            | 29                | 33.4       |
| Chemicals and petroleum .....                                | 1,240         | 320                           | -                | 44             | 104            | 60             | 112            | -                 | 37.4       | 921                               | -              | 123            | 286            | 208            | 289            | 14                | 38.0       |
| Other nondurable goods .....                                 | 1,028         | 281                           | ( <sup>1</sup> ) | 44             | 84             | 58             | 92             | 3                 | 37.9       | 747                               | 5              | 182            | 185            | 142            | 216            | 17                | 35.8       |
| Transportation, communication,<br>and public utilities ..... | 5,469         | 2,429                         | 1                | 242            | 775            | 633            | 766            | 14                | 37.5       | 3,040                             | 28             | 531            | 977            | 643            | 825            | 35                | 34.8       |
| Transportation .....                                         | 3,241         | 1,595                         | -                | 144            | 458            | 423            | 558            | 13                | 39.1       | 1,646                             | 19             | 321            | 502            | 348            | 428            | 28                | 34.5       |
| Communication .....                                          | 1,447         | 714                           | ( <sup>1</sup> ) | 88             | 272            | 162            | 192            | -                 | 35.0       | 734                               | 7              | 98             | 261            | 163            | 201            | 4                 | 34.5       |
| Other public utilities .....                                 | 1,359         | 594                           | ( <sup>1</sup> ) | 55             | 206            | 139            | 190            | 4                 | 37.4       | 765                               | 2              | 122            | 237            | 153            | 245            | 5                 | 36.2       |
| Trade .....                                                  | 17,401        | 1,753                         | 70               | 456            | 458            | 299            | 449            | 20                | 32.3       | 15,648                            | 1,468          | 4,560          | 3,666          | 2,259          | 3,218          | 477               | 29.5       |
| Wholesale .....                                              | 3,419         | 389                           | -                | 63             | 111            | 87             | 124            | 4                 | 37.1       | 3,030                             | 31             | 547            | 970            | 591            | 788            | 102               | 35.0       |
| Retail .....                                                 | 13,981        | 1,363                         | 70               | 393            | 347            | 212            | 325            | 16                | 31.1       | 12,618                            | 1,436          | 4,013          | 2,696          | 1,668          | 2,429          | 376               | 27.9       |
| Finance, insurance, and real estate .....                    | 5,152         | 190                           | -                | 41             | 51             | 29             | 65             | 5                 | 35.8       | 4,962                             | 74             | 1,055          | 1,414          | 1,011          | 1,260          | 147               | 34.7       |
| Services .....                                               | 25,123        | 4,743                         | 10               | 412            | 1,518          | 1,114          | 1,598          | 92                | 38.4       | 20,381                            | 679            | 3,970          | 5,674          | 3,949          | 5,277          | 832               | 34.8       |
| Business and repair .....                                    | 2,902         | 293                           | -                | 55             | 83             | 66             | 87             | 2                 | 37.1       | 2,609                             | 70             | 689            | 739            | 475            | 540            | 95                | 31.8       |
| Personal services .....                                      | 2,868         | 237                           | 4                | 44             | 42             | 49             | 92             | 6                 | 38.7       | 2,631                             | 242            | 488            | 555            | 360            | 767            | 218               | 35.4       |
| Private household services .....                             | 1,214         | 7                             | -                | -              | -              | 2              | 4              | 2                 | 52.0       | 1,207                             | 178            | 177            | 158            | 134            | 408            | 153               | 41.2       |
| Other personal services .....                                | 1,653         | 229                           | 4                | 44             | 42             | 47             | 88             | 4                 | 38.4       | 1,424                             | 64             | 312            | 397            | 226            | 360            | 65                | 33.5       |

See footnotes at end of table.



**Table 15. Continued—Age distribution of employed wage and salary workers by industry, labor organization membership, sex, and race, May 1980**

(Numbers in thousands)

| Industry of current job              | Total<br>workers | Workers in labor organization |                   |                   |                   |                   |                   |                         |               | Workers not in labor organization |                   |                   |                   |                   |                   |                         |               |
|--------------------------------------|------------------|-------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|
|                                      |                  | Total                         | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |
| Both sexes—Continued                 |                  |                               |                   |                   |                   |                   |                   |                         |               |                                   |                   |                   |                   |                   |                   |                         |               |
| Entertainment .....                  | 902              | 127                           | 4                 | 20                | 41                | 27                | 23                | 12                      | 35.2          | 775                               | 102               | 265               | 157               | 87                | 124               | 40                      | 26.4          |
| Professional services .....          | 18,451           | 4,086                         | 2                 | 292               | 1,351             | 972               | 1,397             | 72                      | 38.6          | 14,366                            | 265               | 2,527             | 4,223             | 3,027             | 3,846             | 478                     | 35.5          |
| Education .....                      | 8,062            | 2,767                         | 2                 | 130               | 926               | 681               | 978               | 51                      | 38.9          | 5,295                             | 111               | 854               | 1,487             | 1,226             | 1,487             | 131                     | 36.3          |
| Hospitals .....                      | 3,901            | 692                           | —                 | 92                | 231               | 149               | 210               | 9                       | 37.2          | 3,209                             | 31                | 630               | 1,068             | 628               | 797               | 56                      | 34.0          |
| Other professional services .....    | 6,489            | 627                           | —                 | 70                | 194               | 143               | 208               | 12                      | 38.2          | 5,861                             | 123               | 1,044             | 1,668             | 1,173             | 1,561             | 292                     | 35.5          |
| Forestry and fisheries .....         | 87               | 12                            | —                 | 2                 | 4                 | 2                 | 4                 | —                       | 36.0          | 76                                | 3                 | 16                | 22                | 20                | 12                | 2                       | 31.0          |
| Public administration .....          | 5,364            | 1,812                         | 1                 | 145               | 559               | 434               | 655               | 18                      | 39.5          | 3,551                             | 34                | 443               | 985               | 783               | 1,196             | 111                     | 38.8          |
| Federal, except postal .....         | 1,795            | 347                           | —                 | 25                | 105               | 94                | 120               | 3                       | 39.3          | 1,448                             | 5                 | 145               | 404               | 348               | 527               | 18                      | 39.0          |
| Postal .....                         | 691              | 509                           | —                 | 39                | 128               | 107               | 229               | 7                       | 43.7          | 182                               | —                 | 13                | 49                | 46                | 65                | 9                       | 43.6          |
| State .....                          | 972              | 253                           | —                 | 28                | 60                | 63                | 100               | 1                       | 40.1          | 719                               | 12                | 114               | 196               | 153               | 224               | 21                      | 37.3          |
| Local .....                          | 1,906            | 703                           | 1                 | 53                | 266               | 170               | 206               | 7                       | 37.0          | 1,202                             | 17                | 171               | 336               | 236               | 380               | 63                      | 38.4          |
| Men                                  |                  |                               |                   |                   |                   |                   |                   |                         |               |                                   |                   |                   |                   |                   |                   |                         |               |
| All industries .....                 | 49,348           | 14,039                        | 64                | 1,727             | 4,163             | 3,090             | 4,856             | 140                     | 38.1          | 35,308                            | 1,444             | 7,362             | 9,649             | 6,524             | 9,231             | 1,099                   | 34.2          |
| Agriculture .....                    | 1,141            | 42                            | —                 | 10                | 15                | 4                 | 11                | 2                       | 36.0          | 1,100                             | 110               | 301               | 244               | 172               | 213               | 59                      | 28.9          |
| Mining .....                         | 770              | 274                           | —                 | 46                | 81                | 70                | 76                | 1                       | 35.8          | 495                               | ( <sup>1</sup> )  | 98                | 169               | 92                | 129               | 6                       | 32.6          |
| Construction .....                   | 4,567            | 1,551                         | 4                 | 182               | 502               | 299               | 543               | 21                      | 37.3          | 3,017                             | 67                | 842               | 873               | 484               | 699               | 52                      | 31.4          |
| Manufacturing, total .....           | 14,334           | 5,293                         | 4                 | 716               | 1,465             | 1,155             | 1,918             | 36                      | 38.4          | 9,040                             | 106               | 1,606             | 2,465             | 1,976             | 2,718             | 168                     | 36.3          |
| Durable goods, total .....           | 9,305            | 3,606                         | —                 | 475               | 991               | 783               | 1,333             | 25                      | 38.7          | 5,698                             | 44                | 988               | 1,599             | 1,285             | 1,706             | 76                      | 36.2          |
| Metal industries .....               | 2,258            | 1,125                         | —                 | 114               | 318               | 255               | 428               | 9                       | 39.9          | 1,133                             | 4                 | 192               | 311               | 245               | 365               | 16                      | 36.8          |
| Machinery, except electrical .....   | 2,210            | 709                           | —                 | 114               | 207               | 134               | 247               | 8                       | 37.1          | 1,501                             | 19                | 254               | 436               | 329               | 444               | 20                      | 36.0          |
| Transportation equipment .....       | 1,659            | 897                           | —                 | 94                | 221               | 221               | 354               | 6                       | 40.2          | 762                               | 4                 | 103               | 181               | 182               | 287               | 4                       | 39.0          |
| Automobiles .....                    | 801              | 510                           | —                 | 39                | 138               | 134               | 196               | 3                       | 39.8          | 291                               | —                 | 29                | 72                | 80                | 110               | —                       | 40.0          |
| Aircraft .....                       | 498              | 233                           | —                 | 22                | 46                | 58                | 107               | —                       | 43.8          | 265                               | —                 | 29                | 45                | 64                | 123               | 4                       | 43.2          |
| Other transportation equipment ..... | 360              | 154                           | —                 | 34                | 37                | 29                | 50                | 3                       | 36.2          | 206                               | 4                 | 45                | 64                | 38                | 54                | ( <sup>1</sup> )        | 34.8          |
| Other durable goods .....            | 3,179            | 876                           | —                 | 153               | 245               | 171               | 305               | 1                       | 36.2          | 2,303                             | 16                | 440               | 671               | 529               | 610               | 36                      | 35.1          |
| Nondurable goods, total .....        | 5,029            | 1,687                         | 4                 | 240               | 475               | 372               | 585               | 11                      | 38.0          | 3,342                             | 62                | 618               | 866               | 692               | 1,012             | 92                      | 36.7          |
| Food .....                           | 1,182            | 498                           | 2                 | 76                | 128               | 111               | 177               | 4                       | 37.6          | 684                               | 11                | 154               | 185               | 135               | 184               | 16                      | 33.4          |
| Textiles .....                       | 429              | 74                            | —                 | 15                | 16                | 16                | 25                | 1                       | 37.4          | 355                               | 6                 | 71                | 76                | 72                | 116               | 14                      | 38.3          |
| Apparel .....                        | 300              | 66                            | 2                 | 8                 | 13                | 12                | 31                | —                       | 44.0          | 234                               | 4                 | 31                | 70                | 46                | 72                | 11                      | 37.4          |
| Paper .....                          | 580              | 312                           | —                 | 30                | 90                | 88                | 103               | ( <sup>1</sup> )        | 39.3          | 269                               | 1                 | 29                | 74                | 63                | 93                | 9                       | 40.7          |
| Printing .....                       | 847              | 228                           | ( <sup>1</sup> )  | 39                | 55                | 48                | 81                | 4                       | 40.3          | 618                               | 37                | 148               | 139               | 123               | 149               | 22                      | 33.8          |
| Chemicals and petroleum .....        | 915              | 262                           | —                 | 35                | 88                | 52                | 88                | —                       | 37.2          | 653                               | —                 | 75                | 193               | 149               | 223               | 14                      | 40.2          |
| Other nondurable goods .....         | 596              | 176                           | ( <sup>1</sup> )  | 30                | 56                | 35                | 52                | 1                       | 35.7          | 420                               | 3                 | 102               | 107               | 77                | 125               | 6                       | 35.9          |

See footnotes at end of table.



**Table 15. Continued—Age distribution of employed wage and salary workers by industry, labor organization membership, sex, and race, May 1980**

(Numbers in thousands)

| Industry of current job                                      | Total<br>workers | Workers in labor organization |                   |                   |                   |                   |                   |                         |               | Workers not in labor organization |                   |                   |                   |                   |                   |                         |               |  |
|--------------------------------------------------------------|------------------|-------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|--|
|                                                              |                  | Total                         | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |  |
| Men—Continued                                                |                  |                               |                   |                   |                   |                   |                   |                         |               |                                   |                   |                   |                   |                   |                   |                         |               |  |
| Transportation, communication,<br>and public utilities ..... | 3,947            | 1,885                         | —                 | 171               | 562               | 494               | 645               | 12                      | 38.7          | 2,062                             | 22                | 341               | 614               | 456               | 604               | 25                      | 35.8          |  |
| Transportation .....                                         | 2,578            | 1,431                         | —                 | 126               | 404               | 369               | 521               | 11                      | 39.7          | 1,147                             | 15                | 224               | 331               | 236               | 317               | 23                      | 34.8          |  |
| Communication .....                                          | 798              | 372                           | —                 | 41                | 133               | 81                | 117               | —                       | 35.9          | 425                               | 4                 | 46                | 127               | 116               | 133               | —                       | 36.8          |  |
| Other public utilities .....                                 | 1,114            | 527                           | —                 | 46                | 178               | 129               | 172               | 3                       | 38.0          | 587                               | 2                 | 83                | 177               | 125               | 197               | 3                       | 37.5          |  |
| Trade .....                                                  | 9,305            | 1,151                         | 52                | 297               | 321               | 185               | 288               | 7                       | 31.6          | 8,155                             | 771               | 2,285             | 2,053             | 1,152             | 1,630             | 263                     | 29.6          |  |
| Wholesale .....                                              | 2,562            | 347                           | —                 | 58                | 107               | 75                | 107               | 1                       | 36.3          | 2,215                             | 24                | 367               | 704               | 443               | 594               | 83                      | 35.8          |  |
| Retail .....                                                 | 6,743            | 803                           | 52                | 239               | 214               | 110               | 181               | 7                       | 30.0          | 5,940                             | 747               | 1,918             | 1,349             | 710               | 1,036             | 180                     | 27.2          |  |
| Finance, insurance, and real estate .....                    | 1,982            | 119                           | —                 | 17                | 31                | 21                | 45                | 4                       | 40.8          | 1,864                             | 31                | 241               | 521               | 404               | 565               | 101                     | 38.3          |  |
| Services .....                                               | 9,260            | 1,909                         | 3                 | 159               | 600               | 448               | 659               | 40                      | 39.0          | 7,351                             | 317               | 1,435             | 2,104             | 1,278             | 1,869             | 347                     | 34.3          |  |
| Business and repair .....                                    | 1,882            | 216                           | —                 | 42                | 67                | 44                | 61                | 2                       | 35.6          | 1,666                             | 55                | 430               | 461               | 313               | 334               | 74                      | 32.2          |  |
| Personal services .....                                      | 793              | 118                           | 2                 | 24                | 24                | 25                | 41                | 2                       | 37.5          | 675                               | 88                | 158               | 158               | 65                | 162               | 45                      | 31.2          |  |
| Private household services .....                             | 188              | 2                             | —                 | —                 | —                 | 2                 | —                 | —                       | 42.0          | 186                               | 57                | 50                | 21                | 7                 | 32                | 20                      | 21.7          |  |
| Other personal services .....                                | 606              | 116                           | 2                 | 24                | 24                | 23                | 41                | 2                       | 37.3          | 489                               | 30                | 108               | 137               | 58                | 131               | 25                      | 33.0          |  |
| Entertainment .....                                          | 531              | 85                            | 1                 | 14                | 25                | 19                | 19                | 7                       | 37.1          | 446                               | 59                | 156               | 89                | 32                | 79                | 30                      | 26.3          |  |
| Professional services .....                                  | 6,053            | 1,489                         | —                 | 79                | 484               | 361               | 537               | 29                      | 39.6          | 4,564                             | 116               | 691               | 1,396             | 869               | 1,294             | 198                     | 35.9          |  |
| Education .....                                              | 2,795            | 1,030                         | —                 | 41                | 332               | 259               | 376               | 21                      | 39.6          | 1,765                             | 62                | 306               | 516               | 342               | 502               | 36                      | 35.5          |  |
| Hospitals .....                                              | 935              | 201                           | —                 | 28                | 72                | 37                | 61                | 3                       | 37.1          | 734                               | 13                | 136               | 286               | 98                | 176               | 25                      | 33.5          |  |
| Other professional services .....                            | 2,324            | 259                           | —                 | 10                | 80                | 64                | 100               | 5                       | 40.9          | 2,065                             | 41                | 249               | 594               | 429               | 615               | 137                     | 37.2          |  |
| Forestry and fisheries .....                                 | 68               | 9                             | —                 | ( <sup>1</sup> )  | 4                 | 2                 | 4                 | —                       | 36.5          | 59                                | 3                 | 8                 | 19                | 17                | 11                | 1                       | 32.5          |  |
| Public administration .....                                  | 3,431            | 1,361                         | 1                 | 87                | 429               | 327               | 502               | 15                      | 39.7          | 2,070                             | 16                | 193               | 567               | 471               | 748               | 75                      | 40.1          |  |
| Federal, except postal .....                                 | 1,053            | 236                           | —                 | 10                | 75                | 64                | 85                | 3                       | 39.4          | 816                               | —                 | 41                | 223               | 200               | 341               | 11                      | 41.4          |  |
| Postal .....                                                 | 520              | 411                           | —                 | 28                | 99                | 81                | 198               | 5                       | 45.1          | 109                               | —                 | 7                 | 28                | 24                | 43                | 7                       | 45.7          |  |
| State .....                                                  | 586              | 164                           | —                 | 10                | 43                | 46                | 64                | ( <sup>1</sup> )        | 40.7          | 422                               | 8                 | 51                | 108               | 90                | 151               | 14                      | 39.2          |  |
| Local .....                                                  | 1,272            | 549                           | 1                 | 39                | 212               | 136               | 155               | 7                       | 36.9          | 723                               | 8                 | 94                | 207               | 158               | 213               | 43                      | 38.6          |  |

See footnotes at end of table.



Table 15. Continued—Age distribution of employed wage and salary workers by industry, labor organization membership, sex, and race, May 1980

(Numbers in thousands)

| Industry of current job                                      | Total<br>workers | Workers in labor organization |                   |                   |                   |                   |                   |                         |               | Workers not in labor organization |                   |                   |                   |                   |                   |                         |               |
|--------------------------------------------------------------|------------------|-------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|
|                                                              |                  | Total                         | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |
| White men                                                    |                  |                               |                   |                   |                   |                   |                   |                         |               |                                   |                   |                   |                   |                   |                   |                         |               |
| All industries .....                                         | 44,085           | 12,261                        | 55                | 1,508             | 3,619             | 2,681             | 4,275             | 123                     | 38.1          | 31,824                            | 1,323             | 6,567             | 8,653             | 5,871             | 8,426             | 984                     | 34.2          |
| Agriculture .....                                            | 991              | 35                            | -                 | 10                | 15                | 1                 | 9                 | -                       | 30.5          | 956                               | 108               | 271               | 220               | 136               | 171               | 50                      | 27.9          |
| Mining .....                                                 | 729              | 263                           | -                 | 43                | 76                | 70                | 75                | 1                       | 36.0          | 465                               | ( <sup>1</sup> )  | 91                | 160               | 86                | 122               | 6                       | 32.7          |
| Construction .....                                           | 4,139            | 1,404                         | 2                 | 165               | 453               | 273               | 492               | 18                      | 37.4          | 2,735                             | 61                | 777               | 806               | 420               | 623               | 48                      | 31.0          |
| Manufacturing, total .....                                   | 12,836           | 4,623                         | 4                 | 633               | 1,258             | 994               | 1,701             | 32                      | 38.7          | 8,213                             | 100               | 1,431             | 2,191             | 1,805             | 2,531             | 155                     | 36.7          |
| Durable goods, total .....                                   | 8,364            | 3,165                         | -                 | 423               | 851               | 669               | 1,201             | 20                      | 39.0          | 5,199                             | 42                | 887               | 1,428             | 1,175             | 1,597             | 71                      | 36.5          |
| Metal industries .....                                       | 2,008            | 977                           | -                 | 104               | 276               | 214               | 378               | 5                       | 40.0          | 1,031                             | 4                 | 177               | 272               | 217               | 346               | 13                      | 37.2          |
| Machinery, except electrical .....                           | 2,080            | 651                           | -                 | 106               | 180               | 121               | 236               | 8                       | 37.7          | 1,428                             | 17                | 240               | 402               | 320               | 430               | 20                      | 36.3          |
| Transportation equipment .....                               | 1,468            | 768                           | -                 | 79                | 185               | 189               | 309               | 6                       | 40.6          | 699                               | 4                 | 94                | 163               | 158               | 276               | 4                       | 39.8          |
| Automobiles .....                                            | 718              | 438                           | -                 | 33                | 117               | 114               | 171               | 3                       | 39.8          | 280                               | -                 | 29                | 68                | 77                | 106               | -                       | 40.2          |
| Aircraft .....                                               | 445              | 201                           | -                 | 16                | 40                | 48                | 97                | -                       | 44.8          | 244                               | -                 | 26                | 40                | 54                | 120               | 4                       | 45.5          |
| Other transportation equipment .....                         | 304              | 129                           | -                 | 29                | 28                | 27                | 41                | 3                       | 37.0          | 175                               | 4                 | 39                | 54                | 27                | 50                | ( <sup>1</sup> )        | 35.0          |
| Other durable goods .....                                    | 2,809            | 768                           | -                 | 135               | 210               | 145               | 277               | 1                       | 36.8          | 2,040                             | 16                | 376               | 591               | 479               | 545               | 34                      | 35.4          |
| Nondurable goods, total .....                                | 4,472            | 1,458                         | 4                 | 210               | 407               | 326               | 499               | 11                      | 38.1          | 3,014                             | 58                | 544               | 763               | 630               | 934               | 84                      | 36.9          |
| Food .....                                                   | 1,054            | 423                           | 2                 | 65                | 109               | 97                | 147               | 4                       | 37.8          | 631                               | 11                | 139               | 174               | 120               | 172               | 16                      | 33.1          |
| Textiles .....                                               | 352              | 66                            | -                 | 14                | 14                | 16                | 21                | 1                       | 37.3          | 286                               | 6                 | 55                | 56                | 55                | 103               | 12                      | 39.6          |
| Apparel .....                                                | 246              | 50                            | 2                 | 6                 | 9                 | 8                 | 26                | -                       | 44.9          | 196                               | 3                 | 25                | 52                | 41                | 63                | 11                      | 38.4          |
| Paper .....                                                  | 522              | 269                           | -                 | 29                | 72                | 80                | 88                | ( <sup>1</sup> )        | 39.6          | 253                               | 1                 | 29                | 68                | 61                | 87                | 7                       | 40.6          |
| Printing .....                                               | 775              | 204                           | ( <sup>1</sup> )  | 36                | 48                | 42                | 73                | 4                       | 40.5          | 571                               | 34                | 136               | 133               | 114               | 134               | 20                      | 33.7          |
| Chemicals and petroleum .....                                | 814              | 236                           | -                 | 31                | 78                | 46                | 82                | -                       | 37.5          | 578                               | -                 | 65                | 158               | 139               | 204               | 12                      | 40.7          |
| Other nondurable goods .....                                 | 548              | 151                           | ( <sup>1</sup> )  | 25                | 50                | 31                | 43                | 1                       | 35.7          | 396                               | 3                 | 88                | 103               | 75                | 121               | 6                       | 36.2          |
| Transportation, communication,<br>and public utilities ..... | 3,507            | 1,644                         | -                 | 144               | 482               | 420               | 585               | 12                      | 38.9          | 1,863                             | 19                | 305               | 542               | 410               | 563               | 23                      | 36.1          |
| Transportation .....                                         | 2,261            | 1,240                         | -                 | 114               | 341               | 309               | 465               | 11                      | 39.8          | 1,021                             | 13                | 191               | 285               | 216               | 294               | 22                      | 35.4          |
| Communication .....                                          | 729              | 334                           | -                 | 27                | 119               | 75                | 114               | -                       | 37.0          | 395                               | 4                 | 41                | 117               | 108               | 126               | -                       | 36.8          |
| Other public utilities .....                                 | 1,004            | 466                           | -                 | 41                | 156               | 107               | 159               | 3                       | 37.9          | 537                               | 2                 | 82                | 158               | 106               | 186               | 3                       | 37.6          |
| Trade .....                                                  | 8,447            | 984                           | 45                | 271               | 275               | 151               | 236               | 7                       | 31.2          | 7,462                             | 713               | 2,067             | 1,875             | 1,050             | 1,516             | 242                     | 29.7          |
| Wholesale .....                                              | 2,335            | 279                           | -                 | 52                | 86                | 60                | 81                | -                       | 36.0          | 2,055                             | 23                | 336               | 655               | 400               | 564               | 77                      | 36.0          |
| Retail .....                                                 | 6,112            | 705                           | 45                | 219               | 188               | 92                | 154               | 7                       | 29.8          | 5,407                             | 690               | 1,730             | 1,220             | 650               | 952               | 165                     | 27.2          |
| Finance, insurance, and real estate .....                    | 1,805            | 90                            | -                 | 12                | 22                | 16                | 37                | 4                       | 41.4          | 1,715                             | 19                | 220               | 470               | 379               | 531               | 96                      | 38.7          |
| Services .....                                               | 8,089            | 1,639                         | 3                 | 127               | 522               | 387               | 565               | 36                      | 39.0          | 6,450                             | 285               | 1,236             | 1,856             | 1,134             | 1,648             | 291                     | 34.3          |
| Business and repair .....                                    | 1,671            | 178                           | -                 | 39                | 54                | 35                | 50                | -                       | 34.5          | 1,493                             | 54                | 369               | 409               | 284               | 306               | 71                      | 32.6          |
| Personal services .....                                      | 641              | 97                            | 2                 | 21                | 19                | 18                | 34                | 2                       | 39.0          | 545                               | 78                | 136               | 131               | 57                | 115               | 29                      | 30.0          |
| Private household services .....                             | 146              | 2                             | -                 | -                 | -                 | 2                 | -                 | -                       | 42.0          | 144                               | 55                | 47                | 15                | 3                 | 18                | 7                       | 19.9          |
| Other personal services .....                                | 495              | 95                            | 2                 | 21                | 19                | 16                | 34                | 2                       | 38.5          | 401                               | 23                | 89                | 116               | 54                | 97                | 22                      | 31.9          |

See footnotes at end of table.



**Table 15. Continued—Age distribution of employed wage and salary workers by industry, labor organization membership, sex, and race, May 1980**

(Numbers in thousands)

| Industry of current job              | Total<br>workers | Workers in labor organization |                   |                   |                   |                   |                   |                         |               | Workers not in labor organization |                   |                   |                   |                   |                   |                         |               |  |
|--------------------------------------|------------------|-------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|--|
|                                      |                  | Total                         | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |  |
| White men—Continued                  |                  |                               |                   |                   |                   |                   |                   |                         |               |                                   |                   |                   |                   |                   |                   |                         |               |  |
| Entertainment .....                  | 484              | 78                            | 1                 | 14                | 23                | 17                | 18                | 7                       | 37.1          | 406                               | 55                | 142               | 83                | 29                | 70                | 26                      | 26.1          |  |
| Professional services .....          | 5,293            | 1,286                         | -                 | 53                | 426               | 317               | 463               | 27                      | 39.5          | 4,007                             | 98                | 589               | 1,233             | 764               | 1,157             | 165                     | 36.0          |  |
| Education .....                      | 2,466            | 948                           | -                 | 29                | 316               | 240               | 343               | 21                      | 39.5          | 1,518                             | 47                | 254               | 451               | 298               | 436               | 32                      | 35.7          |  |
| Hospitals .....                      | 719              | 116                           | -                 | 16                | 43                | 18                | 37                | 1                       | 37.0          | 604                               | 12                | 113               | 237               | 71                | 150               | 20                      | 33.5          |  |
| Other professional services .....    | 2,107            | 222                           | -                 | 8                 | 67                | 59                | 83                | 5                       | 41.1          | 1,885                             | 40                | 222               | 545               | 394               | 571               | 113                     | 37.3          |  |
| Forestry and fisheries .....         | 61               | 8                             | -                 | ( <sup>1</sup> )  | 4                 | 1                 | 3                 | -                       | 35.0          | 53                                | 3                 | 6                 | 18                | 15                | 11                | -                       | 33.2          |  |
| Public administration .....          | 2,994            | 1,174                         | 1                 | 65                | 379               | 296               | 419               | 13                      | 39.3          | 1,820                             | 16                | 153               | 499               | 415               | 667               | 71                      | 40.6          |  |
| Federal, except postal .....         | 896              | 192                           | -                 | 4                 | 68                | 54                | 63                | 2                       | 38.6          | 704                               | -                 | 34                | 192               | 174               | 293               | 11                      | 41.6          |  |
| Postal .....                         | 427              | 334                           | -                 | 21                | 76                | 71                | 163               | 3                       | 45.6          | 93                                | -                 | 5                 | 22                | 20                | 39                | 7                       | 47.4          |  |
| State .....                          | 542              | 155                           | -                 | 8                 | 41                | 46                | 59                | ( <sup>1</sup> )        | 40.6          | 387                               | 8                 | 48                | 97                | 85                | 137               | 12                      | 39.7          |  |
| Local .....                          | 1,129            | 493                           | 1                 | 32                | 194               | 125               | 134               | 7                       | 36.5          | 636                               | 8                 | 66                | 187               | 137               | 197               | 41                      | 39.0          |  |
| Black and other men                  |                  |                               |                   |                   |                   |                   |                   |                         |               |                                   |                   |                   |                   |                   |                   |                         |               |  |
| All industries .....                 | 5,262            | 1,778                         | 9                 | 219               | 543               | 409               | 581               | 17                      | 37.6          | 3,484                             | 120               | 795               | 996               | 653               | 805               | 115                     | 33.4          |  |
| Agriculture .....                    | 151              | 6                             | -                 | -                 | -                 | 3                 | 2                 | 2                       | 47.3          | 144                               | 2                 | 31                | 24                | 36                | 43                | 9                       | 38.4          |  |
| Mining .....                         | 41               | 11                            | -                 | 3                 | 6                 | 1                 | 1                 | -                       | 31.0          | 30                                | -                 | 7                 | 9                 | 6                 | 7                 | -                       | 32.0          |  |
| Construction .....                   | 428              | 147                           | 2                 | 17                | 49                | 26                | 50                | 3                       | 36.2          | 281                               | 6                 | 65                | 67                | 64                | 76                | 3                       | 35.4          |  |
| Manufacturing, total .....           | 1,498            | 671                           | -                 | 82                | 207               | 161               | 217               | 4                       | 36.2          | 827                               | 6                 | 175               | 275               | 171               | 187               | 13                      | 33.5          |  |
| Durable goods, total .....           | 941              | 441                           | -                 | 52                | 140               | 114               | 131               | 4                       | 35.9          | 500                               | 2                 | 102               | 171               | 110               | 109               | 5                       | 33.3          |  |
| Metal industries .....               | 249              | 148                           | -                 | 10                | 42                | 42                | 50                | 4                       | 39.5          | 102                               | -                 | 15                | 39                | 27                | 18                | 3                       | 34.7          |  |
| Machinery, except electrical .....   | 131              | 58                            | -                 | 7                 | 26                | 14                | 10                | -                       | 33.7          | 73                                | 2                 | 14                | 34                | 8                 | 14                | -                       | 30.0          |  |
| Transportation equipment .....       | 191              | 128                           | -                 | 16                | 36                | 32                | 44                | -                       | 37.6          | 63                                | -                 | 9                 | 18                | 24                | 12                | -                       | 34.7          |  |
| Automobiles .....                    | 83               | 72                            | -                 | 6                 | 21                | 20                | 25                | -                       | 39.5          | 11                                | -                 | -                 | 4                 | 3                 | 4                 | -                       | 32.0          |  |
| Aircraft .....                       | 53               | 32                            | -                 | 5                 | 6                 | 10                | 11                | -                       | 38.0          | 21                                | -                 | 3                 | 5                 | 10                | 3                 | -                       | 35.0          |  |
| Other transportation equipment ..... | 55               | 24                            | -                 | 4                 | 9                 | 2                 | 9                 | -                       | 33.3          | 31                                | -                 | 6                 | 9                 | 11                | 5                 | -                       | 34.0          |  |
| Other durable goods .....            | 370              | 107                           | -                 | 18                | 35                | 26                | 27                | ( <sup>1</sup> )        | 34.5          | 263                               | -                 | 64                | 80                | 50                | 65                | 3                       | 33.1          |  |
| Nondurable goods, total .....        | 557              | 229                           | -                 | 30                | 67                | 46                | 85                | -                       | 36.8          | 328                               | 4                 | 73                | 103               | 61                | 78                | 8                       | 34.0          |  |
| Food .....                           | 128              | 75                            | -                 | 11                | 19                | 14                | 31                | -                       | 35.6          | 53                                | -                 | 15                | 11                | 14                | 12                | -                       | 36.4          |  |
| Textiles .....                       | 77               | 8                             | -                 | 1                 | 2                 | ( <sup>1</sup> )  | 4                 | -                       | 38.0          | 69                                | -                 | 17                | 20                | 17                | 13                | 2                       | 31.7          |  |
| Apparel .....                        | 54               | 16                            | -                 | 2                 | 4                 | 5                 | 5                 | -                       | 37.0          | 38                                | ( <sup>1</sup> )  | 6                 | 18                | 5                 | 9                 | -                       | 33.2          |  |
| Paper .....                          | 59               | 43                            | -                 | 2                 | 18                | 8                 | 15                | -                       | 35.5          | 16                                | -                 | -                 | 6                 | 2                 | 6                 | 2                       | 42.0          |  |
| Printing .....                       | 71               | 24                            | -                 | 3                 | 7                 | 6                 | 8                 | -                       | 39.0          | 47                                | 3                 | 12                | 6                 | 9                 | 14                | 2                       | 36.0          |  |
| Chemicals and petroleum .....        | 100              | 26                            | -                 | 4                 | 10                | 6                 | 6                 | -                       | 31.0          | 74                                | -                 | 9                 | 35                | 10                | 18                | 2                       | 33.5          |  |
| Other nondurable goods .....         | 48               | 24                            | -                 | 5                 | 6                 | 4                 | 9                 | -                       | 36.0          | 24                                | -                 | 14                | 4                 | 2                 | 4                 | -                       | 27.0          |  |

See footnotes at end of table.



**Table 15. Continued—Age distribution of employed wage and salary workers by industry, labor organization membership, sex, and race, May 1980**

(Numbers in thousands)

| Industry of current job                                      | Total<br>workers | Workers in labor organization |                   |                   |                   |                   |                   |                         |               | Workers not in labor organization |                   |                   |                   |                   |                   |                         |               |
|--------------------------------------------------------------|------------------|-------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|
|                                                              |                  | Total                         | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |
| <b>Black and other men—Continued</b>                         |                  |                               |                   |                   |                   |                   |                   |                         |               |                                   |                   |                   |                   |                   |                   |                         |               |
| Transportation, communication,<br>and public utilities ..... | 441              | 242                           | -                 | 28                | 80                | 74                | 60                | -                       | 37.8          | 199                               | 3                 | 36                | 72                | 46                | 41                | 2                       | 33.3          |
| Transportation .....                                         | 317              | 191                           | -                 | 12                | 63                | 59                | 57                | -                       | 39.2          | 126                               | 3                 | 33                | 46                | 20                | 23                | 1                       | 31.6          |
| Communication .....                                          | 68               | 38                            | -                 | 15                | 14                | 6                 | 3                 | -                       | 30.0          | 30                                | -                 | 5                 | 10                | 8                 | 7                 | -                       | 36.7          |
| Other public utilities .....                                 | 110              | 61                            | -                 | 4                 | 22                | 22                | 13                | -                       | 39.3          | 49                                | -                 | (1)               | 18                | 19                | 12                | 1                       | 35.6          |
| Trade .....                                                  | 859              | 166                           | 7                 | 26                | 47                | 33                | 53                | 1                       | 33.9          | 692                               | 58                | 218               | 179               | 103               | 114               | 21                      | 28.3          |
| Wholesale .....                                              | 227              | 68                            | -                 | 6                 | 20                | 15                | 26                | 1                       | 40.3          | 160                               | (1)               | 31                | 50                | 43                | 30                | 6                       | 33.7          |
| Retail .....                                                 | 631              | 99                            | 7                 | 20                | 26                | 18                | 27                | -                       | 32.0          | 533                               | 57                | 188               | 129               | 60                | 84                | 15                      | 26.6          |
| Finance, insurance, and real estate .....                    | 177              | 29                            | -                 | 6                 | 9                 | 6                 | 9                 | -                       | 36.0          | 148                               | 12                | 20                | 51                | 25                | 34                | 6                       | 33.7          |
| Services .....                                               | 1,171            | 270                           | -                 | 32                | 78                | 61                | 94                | 4                       | 39.3          | 901                               | 32                | 199               | 248               | 144               | 221               | 56                      | 34.1          |
| Business and repair .....                                    | 212              | 39                            | -                 | 3                 | 13                | 9                 | 12                | 2                       | 40.0          | 173                               | 1                 | 61                | 51                | 29                | 28                | 3                       | 28.5          |
| Personal services .....                                      | 152              | 21                            | -                 | 3                 | 4                 | 7                 | 7                 | (1)                     | 36.0          | 130                               | 10                | 22                | 27                | 8                 | 47                | 16                      | 45.0          |
| Private household services .....                             | 41               | -                             | -                 | -                 | -                 | -                 | -                 | -                       | -             | 41                                | 3                 | 2                 | 6                 | 4                 | 14                | 13                      | 52.0          |
| Other personal services .....                                | 110              | 21                            | -                 | 3                 | 4                 | 7                 | 7                 | (1)                     | 36.0          | 89                                | 7                 | 19                | 22                | 4                 | 34                | 3                       | 38.7          |
| Entertainment .....                                          | 47               | 7                             | -                 | (1)               | 3                 | 2                 | 2                 | -                       | 38.0          | 40                                | 4                 | 14                | 7                 | 2                 | 9                 | 4                       | 29.0          |
| Professional services .....                                  | 760              | 203                           | -                 | 26                | 58                | 44                | 74                | 2                       | 40.3          | 557                               | 18                | 102               | 163               | 105               | 137               | 33                      | 34.8          |
| Education .....                                              | 328              | 81                            | -                 | 13                | 16                | 20                | 33                | -                       | 41.5          | 247                               | 15                | 52                | 66                | 43                | 67                | 4                       | 34.0          |
| Hospitals .....                                              | 215              | 85                            | -                 | 12                | 29                | 19                | 23                | 2                       | 37.3          | 130                               | 1                 | 23                | 49                | 27                | 26                | 5                       | 33.6          |
| Other professional services .....                            | 217              | 37                            | -                 | 2                 | 13                | 5                 | 17                | -                       | 40.0          | 180                               | 1                 | 27                | 49                | 35                | 44                | 24                      | 36.8          |
| Forestry and fisheries .....                                 | 6                | 1                             | -                 | -                 | -                 | 1                 | (1)               | -                       | 46.0          | 5                                 | -                 | 2                 | 1                 | 1                 | -                 | 1                       | 23.5          |
| Public administration .....                                  | 437              | 187                           | -                 | 22                | 50                | 31                | 82                | 3                       | 42.8          | 249                               | (1)               | 40                | 68                | 56                | 81                | 4                       | 37.8          |
| Federal, except postal .....                                 | 157              | 44                            | -                 | 5                 | 7                 | 10                | 22                | 1                       | 45.3          | 112                               | -                 | 7                 | 31                | 26                | 47                | (1)                     | 40.4          |
| Postal .....                                                 | 93               | 77                            | -                 | 7                 | 23                | 10                | 36                | 1                       | 41.6          | 15                                | -                 | 1                 | 6                 | 4                 | 4                 | -                       | 37.3          |
| State .....                                                  | 44               | 9                             | -                 | 2                 | 3                 | (1)               | 5                 | -                       | 46.0          | 35                                | (1)               | 3                 | 11                | 5                 | 14                | 2                       | 34.5          |
| Local .....                                                  | 143              | 56                            | -                 | 8                 | 18                | 10                | 20                | -                       | 41.7          | 87                                | -                 | 28                | 20                | 21                | 16                | 2                       | 35.3          |

See footnotes at end of table.



**Table 15. Continued—Age distribution of employed wage and salary workers by industry, labor organization membership, sex, and race, May 1980**

(Numbers in thousands)

| Industry of current job                                   | Total workers | Workers in labor organization |                  |                |                |                |                |                   |            | Workers not in labor organization |                |                |                |                |                |                   |            |
|-----------------------------------------------------------|---------------|-------------------------------|------------------|----------------|----------------|----------------|----------------|-------------------|------------|-----------------------------------|----------------|----------------|----------------|----------------|----------------|-------------------|------------|
|                                                           |               | Total                         | 16 to 17 years   | 18 to 24 years | 25 to 34 years | 35 to 44 years | 45 to 64 years | 65 years and over | Median age | Total                             | 16 to 17 years | 18 to 24 years | 25 to 34 years | 35 to 44 years | 45 to 64 years | 65 years and over | Median age |
| Women                                                     |               |                               |                  |                |                |                |                |                   |            |                                   |                |                |                |                |                |                   |            |
| All industries .....                                      | 38,132        | 6,056                         | 30               | 766            | 1,798          | 1,388          | 1,988          | 87                | 37.8       | 32,076                            | 1,223          | 7,453          | 8,488          | 6,086          | 7,977          | 850               | 33.4       |
| Agriculture .....                                         | 314           | 9                             | -                | 2              | 4              | 1              | 2              | -                 | 35.0       | 304                               | 26             | 96             | 69             | 50             | 59             | 4                 | 29.1       |
| Mining .....                                              | 122           | 12                            | 1                | 3              | 5              | 1              | 2              | -                 | 27.5       | 110                               | 3              | 40             | 36             | 18             | 11             | 2                 | 27.5       |
| Construction .....                                        | 415           | 23                            | -                | 4              | 4              | 3              | 11             | -                 | 42.0       | 391                               | 4              | 93             | 106            | 88             | 97             | 3                 | 34.4       |
| Manufacturing, total .....                                | 6,642         | 1,478                         | 3                | 188            | 359            | 342            | 571            | 15                | 40.6       | 5,164                             | 64             | 1,152          | 1,413          | 1,041          | 1,445          | 50                | 34.6       |
| Durable goods, total .....                                | 3,241         | 759                           | -                | 102            | 190            | 192            | 272            | 2                 | 39.6       | 2,481                             | 28             | 545            | 725            | 484            | 677            | 22                | 33.9       |
| Metal industries .....                                    | 511           | 126                           | -                | 14             | 51             | 18             | 41             | 2                 | 35.1       | 385                               | 4              | 63             | 125            | 85             | 105            | 3                 | 34.9       |
| Machinery, except electrical .....                        | 569           | 89                            | -                | 18             | 20             | 22             | 28             | -                 | 38.3       | 480                               | 2              | 114            | 159            | 72             | 131            | 2                 | 31.9       |
| Transportation equipment .....                            | 373           | 142                           | -                | 18             | 42             | 35             | 47             | -                 | 37.3       | 231                               | 3              | 44             | 68             | 55             | 61             | -                 | 35.1       |
| Automobiles .....                                         | 151           | 72                            | -                | 4              | 26             | 17             | 25             | -                 | 37.5       | 79                                | 2              | 15             | 22             | 19             | 21             | -                 | 34.7       |
| Aircraft .....                                            | 177           | 53                            | -                | 13             | 14             | 13             | 14             | -                 | 33.0       | 124                               | 1              | 22             | 35             | 28             | 38             | -                 | 36.4       |
| Other transportation equipment .....                      | 45            | 16                            | -                | 1              | 3              | 5              | 8              | -                 | 43.0       | 28                                | -              | 7              | 11             | 9              | 2              | -                 | 30.0       |
| Other durable goods .....                                 | 1,788         | 403                           | -                | 53             | 76             | 118            | 155            | ( <sup>1</sup> )  | 41.3       | 1,385                             | 19             | 324            | 374            | 271            | 380            | 17                | 34.0       |
| Nondurable goods, total .....                             | 3,402         | 718                           | 3                | 86             | 169            | 150            | 298            | 13                | 41.8       | 2,683                             | 36             | 607            | 687            | 557            | 768            | 28                | 35.3       |
| Food .....                                                | 492           | 130                           | -                | 16             | 33             | 25             | 54             | 2                 | 40.0       | 362                               | 6              | 87             | 71             | 84             | 111            | 2                 | 36.7       |
| Textiles .....                                            | 357           | 43                            | 2                | 5              | 4              | 11             | 20             | -                 | 45.0       | 314                               | 5              | 72             | 74             | 61             | 100            | 3                 | 36.2       |
| Apparel .....                                             | 998           | 260                           | 1                | 17             | 55             | 54             | 124            | 10                | 45.3       | 738                               | 10             | 153            | 182            | 155            | 233            | 5                 | 36.9       |
| Paper .....                                               | 170           | 57                            | -                | 14             | 12             | 13             | 18             | -                 | 35.3       | 113                               | 1              | 26             | 31             | 26             | 31             | -                 | 34.9       |
| Printing .....                                            | 586           | 61                            | -                | 9              | 19             | 15             | 18             | -                 | 37.0       | 525                               | 13             | 133            | 150            | 100            | 123            | 7                 | 33.0       |
| Chemicals and petroleum .....                             | 326           | 58                            | -                | 9              | 16             | 9              | 24             | -                 | 40.5       | 268                               | -              | 49             | 93             | 60             | 67             | -                 | 33.1       |
| Other nondurable goods .....                              | 432           | 106                           | -                | 13             | 28             | 23             | 40             | 2                 | 42.0       | 326                               | 1              | 80             | 79             | 64             | 91             | 11                | 35.7       |
| Transportation, communication, and public utilities ..... | 1,521         | 544                           | 1                | 70             | 213            | 138            | 120            | 2                 | 34.4       | 978                               | 6              | 190            | 363            | 188            | 221            | 10                | 32.4       |
| Transportation .....                                      | 663           | 164                           | -                | 17             | 54             | 55             | 36             | 2                 | 35.6       | 499                               | 3              | 98             | 171            | 112            | 111            | 5                 | 33.8       |
| Communication .....                                       | 650           | 341                           | ( <sup>1</sup> ) | 46             | 139            | 81             | 75             | -                 | 34.1       | 308                               | 2              | 53             | 134            | 47             | 68             | 4                 | 31.3       |
| Other public utilities .....                              | 245           | 67                            | ( <sup>1</sup> ) | 9              | 28             | 10             | 17             | 2                 | 33.3       | 179                               | -              | 39             | 61             | 28             | 48             | 2                 | 32.0       |
| Trade .....                                               | 8,095         | 602                           | 18               | 158            | 137            | 114            | 160            | 13                | 34.2       | 7,493                             | 697            | 2,275          | 1,613          | 1,107          | 1,587          | 215               | 29.3       |
| Wholesale .....                                           | 857           | 42                            | -                | 5              | 4              | 13             | 17             | 3                 | 45.0       | 815                               | 8              | 181            | 266            | 149            | 194            | 19                | 32.8       |
| Retail .....                                              | 7,238         | 560                           | 18               | 153            | 133            | 102            | 143            | 10                | 33.4       | 6,678                             | 689            | 2,094          | 1,347          | 958            | 1,394          | 196               | 28.7       |
| Finance, insurance, and real estate .....                 | 3,170         | 71                            | -                | 24             | 20             | 7              | 20             | 1                 | 31.0       | 3,098                             | 43             | 814            | 893            | 607            | 694            | 46                | 32.3       |
| Services .....                                            | 15,863        | 2,834                         | 7                | 252            | 918            | 666            | 939            | 52                | 38.1       | 13,030                            | 362            | 2,535          | 3,570          | 2,671          | 3,408          | 485               | 35.0       |
| Business and repair .....                                 | 1,020         | 77                            | -                | 13             | 16             | 22             | 26             | -                 | 39.7       | 943                               | 16             | 259            | 279            | 162            | 206            | 21                | 31.2       |
| Personal services .....                                   | 2,074         | 119                           | 2                | 20             | 19             | 24             | 50             | 3                 | 39.2       | 1,956                             | 155            | 331            | 397            | 296            | 605            | 173               | 37.1       |
| Private household services .....                          | 1,027         | 6                             | -                | -              | -              | -              | 4              | 2                 | 58.0       | 1,021                             | 121            | 127            | 137            | 128            | 376            | 133               | 44.0       |
| Other personal services .....                             | 1,048         | 113                           | 2                | 20             | 19             | 24             | 46             | 2                 | 38.9       | 935                               | 34             | 204            | 260            | 168            | 229            | 40                | 33.7       |

See footnotes at end of table.



Table 15. Continued—Age distribution of employed wage and salary workers by industry, labor organization membership, sex, and race, May 1980

(Numbers in thousands)

| Industry of current job              | Total<br>workers | Workers in labor organization |                   |                   |                   |                   |                   |                         |               | Workers not in labor organization |                   |                   |                   |                   |                   |                         |               |
|--------------------------------------|------------------|-------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|
|                                      |                  | Total                         | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |
| Women—Continued                      |                  |                               |                   |                   |                   |                   |                   |                         |               |                                   |                   |                   |                   |                   |                   |                         |               |
| Entertainment .....                  | 371              | 42                            | 4                 | 6                 | 16                | 8                 | 3                 | 5                       | 33.0          | 329                               | 42                | 108               | 68                | 55                | 45                | 11                      | 26.5          |
| Professional services .....          | 12,398           | 2,597                         | 2                 | 213               | 867               | 611               | 860               | 43                      | 38.1          | 9,802                             | 149               | 1,836             | 2,827             | 2,158             | 2,552             | 280                     | 35.3          |
| Education .....                      | 5,267            | 1,737                         | 2                 | 89                | 594               | 422               | 602               | 29                      | 38.5          | 3,530                             | 49                | 547               | 971               | 884               | 985               | 94                      | 36.7          |
| Hospitals .....                      | 2,966            | 491                           | -                 | 64                | 159               | 111               | 150               | 7                       | 37.2          | 2,475                             | 18                | 494               | 782               | 530               | 620               | 31                      | 34.2          |
| Other professional services .....    | 4,165            | 369                           | -                 | 61                | 114               | 78                | 108               | 7                       | 36.5          | 3,796                             | 82                | 795               | 1,074             | 744               | 946               | 154                     | 34.6          |
| Forestry and fisheries .....         | 20               | 3                             | -                 | 2                 | ( <sup>1</sup> )  | 1                 | -                 | -                       | 34.0          | 17                                | 1                 | 7                 | 3                 | 4                 | 1                 | 1                       | 27.0          |
| Public administration .....          | 1,933            | 452                           | -                 | 59                | 130               | 107               | 153               | 3                       | 38.6          | 1,482                             | 18                | 250               | 418               | 312               | 448               | 36                      | 36.5          |
| Federal, except postal .....         | 742              | 111                           | -                 | 15                | 30                | 30                | 35                | -                       | 38.6          | 632                               | 5                 | 104               | 181               | 148               | 186               | 7                       | 35.9          |
| Postal .....                         | 172              | 98                            | -                 | 11                | 29                | 26                | 31                | 2                       | 40.8          | 73                                | -                 | 7                 | 21                | 22                | 22                | 1                       | 42.2          |
| State .....                          | 386              | 89                            | -                 | 19                | 16                | 17                | 36                | 1                       | 38.5          | 297                               | 4                 | 62                | 88                | 63                | 73                | 7                       | 34.3          |
| Local .....                          | 633              | 154                           | -                 | 13                | 54                | 34                | 51                | 1                       | 37.2          | 480                               | 9                 | 77                | 128               | 78                | 167               | 20                      | 38.1          |
| White women                          |                  |                               |                   |                   |                   |                   |                   |                         |               |                                   |                   |                   |                   |                   |                   |                         |               |
| All industries .....                 | 33,059           | 4,838                         | 25                | 639               | 1,421             | 1,070             | 1,606             | 77                      | 37.9          | 28,221                            | 1,125             | 6,660             | 7,315             | 5,310             | 7,073             | 738                     | 33.4          |
| Agriculture .....                    | 269              | 7                             | -                 | 2                 | 3                 | -                 | 2                 | -                       | 26.0          | 262                               | 21                | 90                | 57                | 39                | 53                | 2                       | 27.7          |
| Mining .....                         | 106              | 9                             | -                 | 1                 | 5                 | 1                 | 2                 | -                       | 29.0          | 97                                | 3                 | 35                | 31                | 15                | 11                | 2                       | 27.4          |
| Construction .....                   | 393              | 21                            | -                 | 4                 | 3                 | 2                 | 11                | -                       | 46.0          | 372                               | 4                 | 89                | 100               | 83                | 94                | 3                       | 34.1          |
| Manufacturing, total .....           | 5,766            | 1,207                         | 3                 | 160               | 273               | 275               | 480               | 15                      | 41.2          | 4,559                             | 64                | 1,011             | 1,206             | 899               | 1,335             | 44                      | 34.9          |
| Durable goods, total .....           | 2,845            | 609                           | -                 | 88                | 136               | 152               | 230               | 2                       | 40.4          | 2,237                             | 28                | 489               | 635               | 433               | 633               | 18                      | 34.2          |
| Metal industries .....               | 460              | 103                           | -                 | 12                | 43                | 12                | 33                | 2                       | 34.6          | 357                               | 4                 | 61                | 108               | 78                | 103               | 3                       | 35.7          |
| Machinery, except electrical .....   | 527              | 79                            | -                 | 17                | 15                | 20                | 27                | -                       | 39.2          | 448                               | 2                 | 104               | 146               | 69                | 125               | 2                       | 32.1          |
| Transportation equipment .....       | 300              | 101                           | -                 | 11                | 27                | 24                | 39                | -                       | 40.0          | 199                               | 3                 | 34                | 54                | 50                | 58                | -                       | 36.2          |
| Automobiles .....                    | 117              | 50                            | -                 | 4                 | 17                | 11                | 19                | -                       | 38.7          | 67                                | 2                 | 12                | 16                | 17                | 21                | -                       | 36.0          |
| Aircraft .....                       | 143              | 37                            | -                 | 6                 | 10                | 8                 | 12                | -                       | 36.0          | 106                               | 1                 | 16                | 30                | 25                | 35                | -                       | 37.6          |
| Other transportation equipment ..... | 41               | 14                            | -                 | 1                 | ( <sup>1</sup> )  | 5                 | 8                 | -                       | 44.0          | 26                                | -                 | 7                 | 9                 | 9                 | 2                 | -                       | 30.3          |
| Other durable goods .....            | 1,558            | 325                           | -                 | 47                | 51                | 95                | 131               | ( <sup>1</sup> )        | 41.7          | 1,233                             | 19                | 291               | 327               | 236               | 348               | 13                      | 34.1          |
| Nondurable goods, total .....        | 2,921            | 598                           | 3                 | 72                | 137               | 123               | 250               | 13                      | 42.2          | 2,323                             | 36                | 521               | 571               | 466               | 702               | 26                      | 35.6          |
| Food .....                           | 420              | 108                           | -                 | 13                | 32                | 19                | 43                | 2                       | 39.3          | 311                               | 6                 | 79                | 57                | 69                | 97                | 2                       | 36.7          |
| Textiles .....                       | 301              | 33                            | 2                 | 3                 | 3                 | 8                 | 17                | -                       | 50.0          | 268                               | 5                 | 62                | 59                | 52                | 88                | 3                       | 36.7          |
| Apparel .....                        | 818              | 210                           | 1                 | 12                | 43                | 46                | 99                | 10                      | 45.6          | 608                               | 10                | 126               | 136               | 124               | 207               | 5                       | 37.9          |
| Paper .....                          | 156              | 52                            | -                 | 12                | 9                 | 13                | 18                | -                       | 38.0          | 104                               | 1                 | 23                | 27                | 25                | 29                | -                       | 35.5          |
| Printing .....                       | 532              | 58                            | -                 | 9                 | 19                | 14                | 15                | -                       | 35.0          | 474                               | 13                | 115               | 136               | 86                | 117               | 7                       | 33.2          |
| Chemicals and petroleum .....        | 292              | 47                            | -                 | 9                 | 11                | 5                 | 20                | -                       | 41.3          | 245                               | -                 | 46                | 82                | 52                | 66                | -                       | 33.4          |
| Other nondurable goods .....         | 369              | 86                            | -                 | 12                | 19                | 17                | 37                | 2                       | 44.3          | 283                               | 1                 | 66                | 68                | 53                | 85                | 9                       | 36.2          |

See footnotes at end of table.



Table 15. Continued—Age distribution of employed wage and salary workers by industry, labor organization membership, sex, and race, May 1980

(Numbers in thousands)

| Industry of current job                                      | Total<br>workers | Workers in labor organization |                   |                   |                   |                   |                   |                         |               | Workers not in labor organization |                   |                   |                   |                   |                   |                         |               |  |
|--------------------------------------------------------------|------------------|-------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|--|
|                                                              |                  | Total                         | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |  |
| White women—Continued                                        |                  |                               |                   |                   |                   |                   |                   |                         |               |                                   |                   |                   |                   |                   |                   |                         |               |  |
| Transportation, communication,<br>and public utilities ..... | 1,310            | 423                           | 1                 | 59                | 150               | 112               | 100               | 2                       | 35.0          | 887                               | 6                 | 172               | 306               | 177               | 216               | 10                      | 33.3          |  |
| Transportation .....                                         | 593              | 129                           | -                 | 12                | 44                | 48                | 24                | 2                       | 35.9          | 464                               | 3                 | 92                | 149               | 108               | 107               | 5                       | 34.4          |  |
| Communication .....                                          | 542              | 272                           | ( <sup>1</sup> )  | 38                | 98                | 67                | 69                | -                       | 34.9          | 270                               | 2                 | 45                | 104               | 47                | 68                | 4                       | 32.7          |  |
| Other public utilities .....                                 | 210              | 49                            | ( <sup>1</sup> )  | 9                 | 17                | 5                 | 16                | 2                       | 33.5          | 161                               | -                 | 35                | 55                | 23                | 47                | 2                       | 32.7          |  |
| Trade .....                                                  | 7,416            | 521                           | 18                | 148               | 114               | 91                | 137               | 13                      | 33.0          | 6,894                             | 644               | 2,096             | 1,452             | 1,015             | 1,479             | 208                     | 29.3          |  |
| Wholesale .....                                              | 799              | 35                            | -                 | 5                 | 3                 | 9                 | 15                | 3                       | 45.3          | 764                               | 8                 | 172               | 242               | 142               | 182               | 18                      | 32.8          |  |
| Retail .....                                                 | 6,617            | 486                           | 18                | 142               | 111               | 82                | 123               | 10                      | 32.3          | 6,130                             | 636               | 1,924             | 1,210             | 873               | 1,297             | 190                     | 28.7          |  |
| Finance, insurance, and real estate .....                    | 2,878            | 56                            | -                 | 17                | 15                | 3                 | 20                | 1                       | 33.5          | 2,822                             | 35                | 741               | 786               | 548               | 667               | 44                      | 32.6          |  |
| Services .....                                               | 13,307           | 2,234                         | 3                 | 199               | 760               | 509               | 722               | 42                      | 37.8          | 11,073                            | 334               | 2,238             | 3,048             | 2,266             | 2,795             | 392                     | 34.6          |  |
| Business and repair .....                                    | 924              | 60                            | -                 | 8                 | 16                | 20                | 17                | -                       | 38.8          | 864                               | 15                | 237               | 245               | 152               | 194               | 21                      | 31.7          |  |
| Personal services .....                                      | 1,515            | 72                            | 2                 | 15                | 15                | 13                | 24                | 3                       | 38.8          | 1,443                             | 151               | 298               | 334               | 196               | 358               | 105                     | 33.1          |  |
| Private household services .....                             | 669              | 3                             | -                 | -                 | -                 | -                 | 2                 | 2                       | 60.0          | 666                               | 118               | 113               | 114               | 82                | 172               | 68                      | 33.8          |  |
| Other personal services .....                                | 846              | 69                            | 2                 | 15                | 15                | 13                | 22                | 2                       | 38.5          | 777                               | 33                | 185               | 220               | 115               | 187               | 38                      | 32.7          |  |
| Entertainment .....                                          | 343              | 38                            | 2                 | 6                 | 14                | 8                 | 3                 | 5                       | 34.3          | 304                               | 42                | 103               | 59                | 49                | 40                | 11                      | 25.8          |  |
| Professional services .....                                  | 10,525           | 2,063                         | -                 | 169               | 714               | 468               | 678               | 34                      | 37.8          | 8,462                             | 126               | 1,601             | 2,409             | 1,869             | 2,203             | 255                     | 35.4          |  |
| Education .....                                              | 4,525            | 1,482                         | -                 | 83                | 506               | 360               | 511               | 21                      | 38.4          | 3,043                             | 38                | 451               | 847               | 788               | 842               | 77                      | 37.0          |  |
| Hospitals .....                                              | 2,398            | 322                           | -                 | 47                | 117               | 56                | 94                | 7                       | 35.9          | 2,076                             | 16                | 439               | 632               | 431               | 529               | 29                      | 34.1          |  |
| Other professional services .....                            | 3,603            | 260                           | -                 | 39                | 91                | 52                | 72                | 6                       | 36.4          | 3,343                             | 72                | 711               | 929               | 649               | 833               | 149                     | 34.7          |  |
| Forestry and fisheries .....                                 | 19               | 3                             | -                 | 2                 | ( <sup>1</sup> )  | 1                 | -                 | -                       | 34.0          | 17                                | 1                 | 7                 | 3                 | 4                 | 1                 | 1                       | 28.0          |  |
| Public administration .....                                  | 1,561            | 331                           | -                 | 47                | 89                | 69                | 124               | 3                       | 40.3          | 1,229                             | 13                | 181               | 323               | 264               | 416               | 33                      | 38.2          |  |
| Federal, except postal .....                                 | 559              | 69                            | -                 | 10                | 18                | 18                | 24                | -                       | 40.8          | 490                               | 3                 | 65                | 134               | 117               | 165               | 7                       | 37.6          |  |
| Postal .....                                                 | 119              | 60                            | -                 | 11                | 12                | 12                | 23                | 2                       | 42.7          | 60                                | -                 | 5                 | 14                | 19                | 20                | 1                       | 43.3          |  |
| State .....                                                  | 333              | 74                            | -                 | 17                | 15                | 12                | 30                | 1                       | 38.7          | 259                               | 2                 | 50                | 73                | 56                | 70                | 7                       | 35.2          |  |
| Local .....                                                  | 550              | 129                           | -                 | 10                | 44                | 28                | 47                | 1                       | 38.8          | 420                               | 8                 | 61                | 103               | 72                | 159               | 17                      | 40.3          |  |

See footnotes at end of table.



Table 15. Continued—Age distribution of employed wage and salary workers by industry, labor organization membership, sex, and race, May 1980

(Numbers in thousands)

| Industry of current job                                      | Total<br>workers | Workers in labor organization |                   |                   |                   |                   |                   |                         |               | Workers not in labor organization |                   |                   |                   |                   |                   |                         |               |  |
|--------------------------------------------------------------|------------------|-------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|-----------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------------|---------------|--|
|                                                              |                  | Total                         | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age | Total                             | 16 to 17<br>years | 18 to 24<br>years | 25 to 34<br>years | 35 to 44<br>years | 45 to 64<br>years | 65 years<br>and<br>over | Median<br>age |  |
| Black and other women                                        |                  |                               |                   |                   |                   |                   |                   |                         |               |                                   |                   |                   |                   |                   |                   |                         |               |  |
| All industries .....                                         | 5,072            | 1,218                         | 5                 | 126               | 377               | 318               | 381               | 10                      | 37.5          | 3,855                             | 97                | 792               | 1,173             | 776               | 904               | 112                     | 33.7          |  |
| Agriculture .....                                            | 45               | 2                             | -                 | -                 | (1)               | 1                 | 1                 | -                       | 42.0          | 42                                | 5                 | 6                 | 12                | 11                | 6                 | 2                       | 34.5          |  |
| Mining .....                                                 | 16               | 3                             | 1                 | 2                 | -                 | -                 | -                 | -                       | 20.0          | 13                                | -                 | 5                 | 6                 | 3                 | -                 | -                       | 31.0          |  |
| Construction .....                                           | 21               | 2                             | -                 | -                 | 1                 | 1                 | -                 | -                       | 34.0          | 19                                | -                 | 4                 | 7                 | 5                 | 3                 | -                       | 36.0          |  |
| Manufacturing, total .....                                   | 876              | 271                           | -                 | 29                | 86                | 67                | 90                | -                       | 38.2          | 605                               | -                 | 142               | 207               | 142               | 110               | 6                       | 32.9          |  |
| Durable goods, total .....                                   | 395              | 151                           | -                 | 14                | 54                | 41                | 42                | -                       | 36.7          | 245                               | -                 | 56                | 91                | 51                | 43                | 4                       | 31.9          |  |
| Metal industries .....                                       | 51               | 23                            | -                 | 1                 | 8                 | 6                 | 8                 | -                       | 37.0          | 28                                | -                 | 3                 | 16                | 7                 | 2                 | -                       | 30.7          |  |
| Machinery, except electrical .....                           | 42               | 9                             | -                 | 1                 | 5                 | 2                 | 2                 | -                       | 34.0          | 32                                | -                 | 10                | 13                | 3                 | 6                 | -                       | 30.0          |  |
| Transportation equipment .....                               | 73               | 41                            | -                 | 7                 | 16                | 11                | 8                 | -                       | 33.5          | 32                                | -                 | 10                | 14                | 5                 | 3                 | -                       | 31.7          |  |
| Automobiles .....                                            | 34               | 23                            | -                 | -                 | 10                | 6                 | 7                 | -                       | 35.3          | 12                                | -                 | 3                 | 6                 | 2                 | -                 | -                       | 32.5          |  |
| Aircraft .....                                               | 35               | 16                            | -                 | 7                 | 4                 | 4                 | 1                 | -                       | 31.0          | 18                                | -                 | 6                 | 6                 | 3                 | 3                 | -                       | 31.5          |  |
| Other transportation equipment .....                         | 4                | 2                             | -                 | -                 | 2                 | -                 | -                 | -                       | 27.0          | 2                                 | -                 | -                 | 2                 | -                 | -                 | -                       | 27.0          |  |
| Other durable goods .....                                    | 230              | 78                            | -                 | 5                 | 25                | 22                | 24                | -                       | 39.0          | 152                               | -                 | 34                | 47                | 35                | 32                | 4                       | 33.5          |  |
| Nondurable goods, total .....                                | 481              | 120                           | -                 | 14                | 32                | 26                | 48                | -                       | 40.6          | 361                               | -                 | 85                | 116               | 91                | 66                | 2                       | 33.5          |  |
| Food .....                                                   | 72               | 22                            | -                 | 3                 | 2                 | 5                 | 12                | -                       | 44.5          | 50                                | -                 | 8                 | 14                | 14                | 14                | -                       | 37.0          |  |
| Textiles .....                                               | 56               | 10                            | -                 | 2                 | 2                 | 3                 | 3                 | -                       | 42.0          | 46                                | -                 | 10                | 16                | 9                 | 11                | -                       | 34.0          |  |
| Apparel .....                                                | 180              | 50                            | -                 | 5                 | 12                | 8                 | 25                | -                       | 43.0          | 130                               | -                 | 28                | 45                | 31                | 26                | -                       | 33.9          |  |
| Paper .....                                                  | 15               | 5                             | -                 | 2                 | 3                 | -                 | -                 | -                       | 27.0          | 10                                | -                 | 3                 | 3                 | 1                 | 2                 | -                       | 28.5          |  |
| Printing .....                                               | 55               | 3                             | -                 | -                 | -                 | 1                 | 3                 | -                       | 48.0          | 51                                | -                 | 17                | 14                | 14                | 6                 | -                       | 32.0          |  |
| Chemicals and petroleum .....                                | 34               | 11                            | -                 | -                 | 5                 | 3                 | 3                 | -                       | 35.3          | 23                                | -                 | 3                 | 11                | 8                 | 1                 | -                       | 31.0          |  |
| Other nondurable goods .....                                 | 63               | 19                            | -                 | 1                 | 9                 | 6                 | 3                 | -                       | 35.5          | 44                                | -                 | 14                | 11                | 11                | 5                 | 2                       | 33.3          |  |
| Transportation, communication,<br>and public utilities ..... | 211              | 120                           | -                 | 12                | 62                | 26                | 20                | -                       | 32.9          | 90                                | -                 | 17                | 57                | 11                | 5                 | -                       | 29.5          |  |
| Transportation .....                                         | 71               | 35                            | -                 | 5                 | 10                | 6                 | 13                | -                       | 34.5          | 36                                | -                 | 5                 | 22                | 5                 | 3                 | -                       | 30.8          |  |
| Communication .....                                          | 108              | 70                            | -                 | 8                 | 42                | 14                | 6                 | -                       | 32.2          | 38                                | -                 | 8                 | 30                | (1)               | -                 | -                       | 27.7          |  |
| Other public utilities .....                                 | 35               | 18                            | -                 | -                 | 10                | 5                 | 2                 | -                       | 33.0          | 17                                | -                 | 5                 | 5                 | 6                 | 2                 | -                       | 29.0          |  |
| Trade .....                                                  | 680              | 81                            | -                 | 11                | 23                | 24                | 23                | -                       | 39.0          | 599                               | 53                | 179               | 160               | 92                | 108               | 7                       | 29.6          |  |
| Wholesale .....                                              | 58               | 7                             | -                 | -                 | 1                 | 4                 | 2                 | -                       | 42.0          | 51                                | -                 | 9                 | 23                | 6                 | 12                | 1                       | 33.1          |  |
| Retail .....                                                 | 621              | 74                            | -                 | 11                | 22                | 20                | 21                | -                       | 38.6          | 548                               | 53                | 171               | 137               | 85                | 96                | 6                       | 29.0          |  |

See footnotes at end of table.



**Table 15. Continued—Age distribution of employed wage and salary workers by industry, labor organization membership, sex, and race, May 1980**

(Numbers in thousands)

| Industry of current job                   | Total workers    | Workers in labor organization |                |                  |                  |                |                |                   |            | Workers not in labor organization |                  |                  |                |                |                |                   |            |
|-------------------------------------------|------------------|-------------------------------|----------------|------------------|------------------|----------------|----------------|-------------------|------------|-----------------------------------|------------------|------------------|----------------|----------------|----------------|-------------------|------------|
|                                           |                  | Total                         | 16 to 17 years | 18 to 24 years   | 25 to 34 years   | 35 to 44 years | 45 to 64 years | 65 years and over | Median age | Total                             | 16 to 17 years   | 18 to 24 years   | 25 to 34 years | 35 to 44 years | 45 to 64 years | 65 years and over | Median age |
| Black and other women—Continued           |                  |                               |                |                  |                  |                |                |                   |            |                                   |                  |                  |                |                |                |                   |            |
| Finance, insurance, and real estate ..... | 292              | 16                            | —              | 7                | 5                | 4              | —              | —                 | 27.0       | 276                               | 8                | 74               | 107            | 59             | 27             | 1                 | 30.1       |
| Services .....                            | 2,556            | 600                           | 4              | 54               | 158              | 157            | 218            | 10                | 39.4       | 1,957                             | 27               | 297              | 522            | 405            | 613            | 93                | 37.5       |
| Business and repair .....                 | 95               | 16                            | —              | 4                | ( <sup>1</sup> ) | 3              | 9              | —                 | 50.0       | 79                                | ( <sup>1</sup> ) | 23               | 33             | 10             | 13             | —                 | 28.5       |
| Personal services .....                   | 559              | 46                            | —              | 6                | 3                | 11             | 27             | —                 | 42.0       | 513                               | 3                | 33               | 63             | 99             | 247            | 68                | 50.3       |
| Private household services .....          | 358              | 2                             | —              | —                | —                | —              | 2              | —                 | 58.0       | 355                               | 3                | 13               | 23             | 46             | 204            | 65                | 54.7       |
| Other personal services .....             | 202              | 44                            | —              | 6                | 3                | 11             | 24             | —                 | 39.7       | 157                               | 1                | 19               | 40             | 53             | 42             | 3                 | 38.0       |
| Entertainment .....                       | 29               | 4                             | 2              | —                | 2                | —              | —              | —                 | 30.7       | 25                                | —                | 5                | 8              | 6              | 5              | —                 | 33.0       |
| Professional services .....               | 1,873            | 533                           | 2              | 44               | 153              | 143            | 182            | 10                | 39.4       | 1,340                             | 23               | 236              | 418            | 289            | 348            | 25                | 34.5       |
| Education .....                           | 743              | 256                           | 2              | 5                | 88               | 62             | 91             | 8                 | 39.8       | 487                               | 11               | 96               | 123            | 96             | 143            | 17                | 35.1       |
| Hospitals .....                           | 568              | 169                           | —              | 17               | 42               | 55             | 55             | —                 | 39.7       | 399                               | 2                | 55               | 150            | 98             | 92             | 2                 | 34.6       |
| Other professional services .....         | 562              | 108                           | —              | 21               | 23               | 26             | 36             | 1                 | 36.8       | 454                               | 10               | 84               | 145            | 95             | 113            | 6                 | 33.8       |
| Forestry and fisheries .....              | ( <sup>1</sup> ) | —                             | —              | —                | —                | —              | —              | —                 | —          | ( <sup>1</sup> )                  | —                | ( <sup>1</sup> ) | —              | —              | —              | —                 | 23.0       |
| Public administration .....               | 372              | 120                           | —              | 11               | 41               | 39             | 29             | —                 | 35.3       | 252                               | 4                | 69               | 95             | 49             | 32             | 3                 | 30.5       |
| Federal, except postal .....              | 183              | 42                            | —              | 6                | 12               | 12             | 11             | —                 | 36.5       | 141                               | 2                | 39               | 48             | 31             | 21             | —                 | 31.3       |
| Postal .....                              | 52               | 39                            | —              | ( <sup>1</sup> ) | 17               | 14             | 8              | —                 | 35.5       | 14                                | —                | 2                | 7              | 3              | 2              | —                 | 31.0       |
| State .....                               | 53               | 15                            | —              | 1                | 2                | 5              | 6              | —                 | 38.0       | 38                                | 2                | 12               | 15             | 7              | 2              | —                 | 27.2       |
| Local .....                               | 84               | 25                            | —              | 4                | 10               | 7              | 4              | —                 | 31.0       | 59                                | ( <sup>1</sup> ) | 16               | 26             | 7              | 7              | 3                 | 30.2       |

<sup>1</sup> Fewer than 500 workers.

NOTE: Due to rounding, sums of individual items may not equal totals. Dashes (-) indicate no workers in cell.



**Table 16. Black workers as a percent of employed wage and salary workers by occupation and labor organization representation, May 1980**

(Numbers in thousands)

| Occupation of current job                           | All employed wage and salary workers |               | Represented by labor organization |               | Not represented by labor organization |               |
|-----------------------------------------------------|--------------------------------------|---------------|-----------------------------------|---------------|---------------------------------------|---------------|
|                                                     | Total                                | Percent black | Total                             | Percent black | Total                                 | Percent black |
| All occupations <sup>1</sup> .....                  | 87,480                               | 11.8          | 22,493                            | 14.7          | 64,986                                | 10.8          |
| White-collar occupations .....                      | 45,955                               | 8.8           | 8,483                             | 14.2          | 37,472                                | 7.6           |
| Professional, technical, and kindred workers .....  | 14,436                               | 9.6           | 3,997                             | 12.4          | 10,439                                | 8.5           |
| Managers and administrators, except farm .....      | 8,953                                | 4.9           | 868                               | 9.9           | 8,086                                 | 4.4           |
| Clerical and kindred workers .....                  | 17,507                               | 11.3          | 3,365                             | 17.5          | 14,142                                | 9.8           |
| Sales workers .....                                 | 5,059                                | 5.4           | 253                               | 11.7          | 4,805                                 | 5.0           |
| Blue-collar workers .....                           | 28,414                               | 12.9          | 11,763                            | 13.3          | 16,651                                | 12.7          |
| Craft and kindred workers .....                     | 11,083                               | 8.6           | 4,571                             | 8.2           | 6,512                                 | 8.9           |
| Carpenters .....                                    | 836                                  | 7.4           | 284                               | 5.2           | 552                                   | 8.6           |
| Construction craft workers, except carpenters ..... | 2,212                                | 10.8          | 1,116                             | 8.5           | 1,096                                 | 13.1          |
| Mechanics and repairers .....                       | 4,234                                | 7.9           | 1,815                             | 8.2           | 2,419                                 | 7.8           |
| Other .....                                         | 3,802                                | 8.3           | 1,357                             | 8.5           | 2,445                                 | 8.2           |
| Operatives and kindred workers .....                | 13,208                               | 15.8          | 5,743                             | 16.3          | 7,465                                 | 15.4          |
| Operatives, except transport .....                  | 9,982                                | 15.8          | 4,229                             | 16.6          | 5,753                                 | 15.3          |
| Drivers and delivery workers .....                  | 2,719                                | 15.0          | 1,168                             | 15.8          | 1,551                                 | 14.4          |
| Other transport equipment operatives .....          | 507                                  | 19.4          | 346                               | 15.4          | 161                                   | 28.1          |
| Nonfarm laborers .....                              | 4,123                                | 15.5          | 1,448                             | 17.8          | 2,674                                 | 14.3          |
| Construction .....                                  | 771                                  | 15.9          | 265                               | 18.6          | 506                                   | 14.5          |
| Manufacturing .....                                 | 836                                  | 18.0          | 436                               | 17.0          | 400                                   | 19.1          |
| All other nonfarm laborers .....                    | 2,516                                | 14.6          | 747                               | 18.0          | 1,768                                 | 13.1          |
| Service workers, including private household .....  | 12,074                               | 20.1          | 2,221                             | 24.3          | 9,853                                 | 19.2          |

<sup>1</sup> Includes farm workers not shown separately.

NOTE: Due to rounding, sums of individual items may not equal totals.



**Table 17. Black workers as a percent of employed wage and salary workers by industry and labor organization representation, May 1980**

(Numbers in thousands)

| Industry of current job                       | All employed wage and salary workers |               | Represented by labor organization |               | Not represented by labor organization |               | Industry of current job                                   | All employed wage and salary workers |               | Represented by labor organization |               | Not represented by labor organization |               |
|-----------------------------------------------|--------------------------------------|---------------|-----------------------------------|---------------|---------------------------------------|---------------|-----------------------------------------------------------|--------------------------------------|---------------|-----------------------------------|---------------|---------------------------------------|---------------|
|                                               | Total                                | Percent black | Total                             | Percent black | Total                                 | Percent black |                                                           | Total                                | Percent black | Total                             | Percent black | Total                                 | Percent black |
| All industries .....                          | 87,480                               | 11.8          | 22,493                            | 14.7          | 64,986                                | 10.8          | Transportation, communication, and public utilities ..... | 6,048                                | 11.7          | 3,113                             | 13.8          | 2,935                                 | 9.5           |
| Agriculture .....                             | 1,455                                | 13.4          | 55                                | 15.5          | 1,400                                 | 13.3          | Railroads .....                                           | 579                                  | 9.9           | 479                               | 10.5          | 100                                   | 7.4           |
| Mining .....                                  | 892                                  | 6.4           | 314                               | 5.6           | 578                                   | 6.8           | Other transportation .....                                | 2,662                                | 12.4          | 1,201                             | 15.0          | 1,461                                 | 10.3          |
| Construction .....                            | 4,982                                | 9.0           | 1,651                             | 9.4           | 3,331                                 | 8.8           | Communication .....                                       | 1,447                                | 12.2          | 776                               | 15.0          | 672                                   | 8.9           |
| Manufacturing, total .....                    | 20,976                               | 11.3          | 7,309                             | 13.9          | 13,667                                | 10.0          | Other public utilities .....                              | 1,359                                | 10.7          | 657                               | 12.7          | 703                                   | 8.8           |
| Durable goods, total .....                    | 12,546                               | 10.7          | 4,720                             | 13.4          | 7,826                                 | 9.0           | Trade .....                                               | 17,401                               | 8.8           | 1,896                             | 13.8          | 15,504                                | 8.2           |
| Ordnance .....                                | 235                                  | 6.3           | 86                                | 10.2          | 148                                   | 4.1           | Wholesale .....                                           | 3,419                                | 8.4           | 432                               | 18.1          | 2,988                                 | 6.9           |
| Lumber .....                                  | 539                                  | 17.9          | 113                               | 11.4          | 426                                   | 19.6          | Retail .....                                              | 13,981                               | 9.0           | 1,465                             | 12.6          | 12,517                                | 8.5           |
| Furniture .....                               | 461                                  | 10.2          | 132                               | 7.9           | 329                                   | 11.1          | Eating and drinking places .....                          | 4,031                                | 11.1          | 212                               | 15.2          | 3,818                                 | 10.8          |
| Stone, clay, and glass .....                  | 618                                  | 13.1          | 305                               | 20.4          | 313                                   | 5.9           | Other retail .....                                        | 9,950                                | 8.1           | 1,252                             | 12.1          | 8,698                                 | 7.5           |
| Primary metals .....                          | 1,176                                | 12.9          | 712                               | 15.1          | 464                                   | 9.5           | Finance, insurance, and real estate .....                 | 5,152                                | 9.1           | 250                               | 20.5          | 4,902                                 | 8.5           |
| Fabricated metals .....                       | 1,359                                | 9.9           | 530                               | 11.9          | 828                                   | 8.5           | Banking and other finance .....                           | 2,356                                | 9.7           | 67                                | 24.2          | 2,289                                 | 9.2           |
| Machinery, except electrical .....            | 2,779                                | 6.2           | 851                               | 7.9           | 1,928                                 | 5.4           | Insurance and real estate .....                           | 2,796                                | 8.6           | 183                               | 19.2          | 2,613                                 | 7.9           |
| Electrical equipment .....                    | 2,230                                | 12.2          | 672                               | 14.2          | 1,559                                 | 11.3          | Services .....                                            | 25,123                               | 14.8          | 5,719                             | 17.8          | 19,404                                | 14.0          |
| Transportation equipment .....                | 2,031                                | 13.0          | 1,135                             | 16.1          | 896                                   | 9.0           | Private household service .....                           | 1,214                                | 32.9          | 9                                 | 24.2          | 1,205                                 | 32.9          |
| Automobiles .....                             | 951                                  | 12.3          | 600                               | 15.7          | 351                                   | 6.3           | Miscellaneous services .....                              | 23,909                               | 13.9          | 5,710                             | 17.8          | 18,199                                | 12.7          |
| Aircraft .....                                | 676                                  | 13.0          | 341                               | 16.4          | 335                                   | 9.4           | Business and repair .....                                 | 2,902                                | 10.6          | 332                               | 17.0          | 2,570                                 | 9.8           |
| Other transportation equipment .....          | 404                                  | 14.7          | 194                               | 16.5          | 210                                   | 13.0          | Personal services, except private household .....         | 1,653                                | 18.9          | 238                               | 27.9          | 1,415                                 | 17.4          |
| Instruments .....                             | 622                                  | 7.6           | 90                                | 3.4           | 532                                   | 8.3           | Entertainment and recreation .....                        | 902                                  | 8.3           | 140                               | 7.4           | 762                                   | 8.5           |
| Miscellaneous .....                           | 497                                  | 11.4          | 93                                | 20.3          | 403                                   | 9.4           | Professional services .....                               | 18,451                               | 14.3          | 5,000                             | 17.6          | 13,452                                | 13.0          |
| Nondurable goods .....                        | 8,430                                | 12.3          | 2,589                             | 14.7          | 5,841                                 | 11.3          | Medical, except hospitals .....                           | 2,834                                | 13.2          | 336                               | 26.0          | 2,498                                 | 11.5          |
| Food .....                                    | 1,674                                | 12.0          | 670                               | 15.5          | 1,004                                 | 9.6           | Hospitals .....                                           | 3,901                                | 20.1          | 841                               | 34.9          | 3,059                                 | 16.0          |
| Tobacco .....                                 | 60                                   | 17.6          | 21                                | 39.4          | 39                                    | 5.9           | Welfare and religious .....                               | 1,541                                | 18.2          | 246                               | 30.4          | 1,295                                 | 15.8          |
| Textiles .....                                | 786                                  | 16.9          | 140                               | 15.5          | 646                                   | 17.2          | Educational .....                                         | 8,062                                | 13.3          | 3,421                             | 12.0          | 4,641                                 | 14.2          |
| Apparel .....                                 | 1,298                                | 18.0          | 353                               | 20.2          | 945                                   | 17.2          | Other professional services .....                         | 2,114                                | 5.9           | 156                               | 9.8           | 1,958                                 | 5.6           |
| Paper .....                                   | 751                                  | 9.8           | 380                               | 12.6          | 371                                   | 6.9           | Forestry and fisheries .....                              | 87                                   | 7.5           | 14                                | 8.9           | 73                                    | 7.2           |
| Printing .....                                | 1,433                                | 8.8           | 308                               | 11.1          | 1,125                                 | 8.1           | Public administration .....                               | 5,364                                | 15.1          | 2,172                             | 16.6          | 3,192                                 | 14.0          |
| Chemicals .....                               | 1,240                                | 10.8          | 352                               | 11.7          | 888                                   | 10.5          | Federal, except postal .....                              | 1,795                                | 18.9          | 488                               | 24.0          | 1,307                                 | 17.1          |
| Petroleum .....                               | 220                                  | 11.9          | 79                                | 16.9          | 141                                   | 9.0           | Postal .....                                              | 691                                  | 21.0          | 570                               | 21.5          | 122                                   | 18.5          |
| Rubber and plastics .....                     | 692                                  | 11.4          | 223                               | 12.2          | 469                                   | 11.1          | State .....                                               | 972                                  | 10.0          | 309                               | 9.8           | 662                                   | 10.1          |
| Leather and not specified manufacturing ..... | 275                                  | 7.8           | 64                                | 17.9          | 212                                   | 4.7           | Local .....                                               | 1,906                                | 11.9          | 805                               | 11.4          | 1,100                                 | 12.3          |

NOTE: Due to rounding, sums of individual items may not equal totals.



**Table 18. Hispanic workers as a percent of employed wage and salary workers by occupation and labor organization representation, May 1980**

(Numbers in thousands)

| Occupation of current job                           | All employed wage and salary workers |                  | Represented by labor organization |                  | Not represented by labor organization |                  |
|-----------------------------------------------------|--------------------------------------|------------------|-----------------------------------|------------------|---------------------------------------|------------------|
|                                                     | Total                                | Percent Hispanic | Total                             | Percent Hispanic | Total                                 | Percent Hispanic |
| All occupations <sup>1</sup> .....                  | 87,480                               | 5.4              | 22,493                            | 6.1              | 64,986                                | 5.1              |
| White-collar occupations .....                      | 45,955                               | 3.3              | 8,483                             | 4.3              | 37,472                                | 3.1              |
| Professional, technical, and kindred workers .....  | 14,436                               | 2.6              | 3,997                             | 3.1              | 10,439                                | 2.4              |
| Managers and administrators, except farm .....      | 8,953                                | 2.3              | 868                               | 2.7              | 8,086                                 | 2.2              |
| Clerical and kindred workers .....                  | 17,507                               | 4.5              | 3,365                             | 5.9              | 14,142                                | 4.2              |
| Sales workers .....                                 | 5,059                                | 3.0              | 253                               | 5.9              | 4,805                                 | 2.8              |
| Blue-collar workers .....                           | 28,414                               | 7.7              | 11,763                            | 7.0              | 16,651                                | 8.3              |
| Craft and kindred workers .....                     | 11,083                               | 5.4              | 4,571                             | 5.2              | 6,512                                 | 5.5              |
| Carpenters .....                                    | 836                                  | 6.4              | 284                               | 3.9              | 552                                   | 7.6              |
| Construction craft workers, except carpenters ..... | 2,212                                | 6.2              | 1,116                             | 4.8              | 1,096                                 | 7.7              |
| Mechanics and repairers .....                       | 4,234                                | 5.0              | 1,815                             | 5.1              | 2,419                                 | 4.9              |
| Other .....                                         | 3,802                                | 5.1              | 1,357                             | 5.9              | 2,445                                 | 4.7              |
| Operatives and kindred workers .....                | 13,208                               | 9.5              | 5,743                             | 8.1              | 7,465                                 | 10.6             |
| Operatives, except transport .....                  | 9,982                                | 10.7             | 4,229                             | 9.2              | 5,753                                 | 11.9             |
| Drivers and delivery workers .....                  | 2,719                                | 6.1              | 1,168                             | 4.9              | 1,551                                 | 7.0              |
| Other transport equipment operatives .....          | 507                                  | 4.1              | 346                               | 4.9              | 161                                   | 2.4              |
| Nonfarm laborers .....                              | 4,123                                | 8.3              | 1,448                             | 8.4              | 2,674                                 | 8.3              |
| Construction .....                                  | 771                                  | 10.8             | 265                               | 12.0             | 506                                   | 10.2             |
| Manufacturing .....                                 | 836                                  | 9.2              | 436                               | 6.1              | 400                                   | 12.6             |
| All other nonfarm laborers .....                    | 2,516                                | 7.3              | 747                               | 8.4              | 1,768                                 | 6.8              |
| Service workers, including private household .....  | 12,074                               | 6.2              | 2,221                             | 7.4              | 9,853                                 | 5.9              |

<sup>1</sup> Includes farm workers not shown separately.

NOTE: Due to rounding, sums of individual items may not equal totals.



**Table 19. Hispanic workers as a percent of employed wage and salary workers by industry and labor organization representation, May 1980**

(Numbers in thousands)

| Industry of current job                       | All employed wage and salary workers |                  | Represented by labor organization |                  | Not represented by labor organization |                  | Industry of current job                                   | All employed wage and salary workers |                  | Represented by labor organization |                  | Not represented by labor organization |                  |
|-----------------------------------------------|--------------------------------------|------------------|-----------------------------------|------------------|---------------------------------------|------------------|-----------------------------------------------------------|--------------------------------------|------------------|-----------------------------------|------------------|---------------------------------------|------------------|
|                                               | Total                                | Percent Hispanic | Total                             | Percent Hispanic | Total                                 | Percent Hispanic |                                                           | Total                                | Percent Hispanic | Total                             | Percent Hispanic | Total                                 | Percent Hispanic |
| All industries .....                          | 87,480                               | 5.4              | 22,493                            | 6.1              | 64,986                                | 5.1              | Transportation, communication, and public utilities ..... | 6,048                                | 4.0              | 3,113                             | 4.7              | 2,935                                 | 3.2              |
| Agriculture .....                             | 1,455                                | 17.0             | 55                                | 22.8             | 1,400                                 | 16.7             | Railroads .....                                           | 579                                  | 4.6              | 479                               | 5.6              | 100                                   | ( <sup>1</sup> ) |
| Mining .....                                  | 892                                  | 6.6              | 314                               | 5.4              | 578                                   | 7.2              | Other transportation .....                                | 2,662                                | 4.1              | 1,201                             | 4.5              | 1,461                                 | 3.9              |
| Construction .....                            | 4,982                                | 6.4              | 1,651                             | 6.0              | 3,331                                 | 6.5              | Communication .....                                       | 1,447                                | 3.4              | 776                               | 5.0              | 672                                   | 1.5              |
| Manufacturing, total .....                    | 20,976                               | 6.6              | 7,309                             | 7.2              | 13,667                                | 6.3              | Other public utilities .....                              | 1,359                                | 4.0              | 657                               | 4.2              | 703                                   | 3.8              |
| Durable goods, total .....                    | 12,546                               | 6.1              | 4,720                             | 6.0              | 7,826                                 | 6.2              | Trade .....                                               | 17,401                               | 4.8              | 1,896                             | 7.8              | 15,504                                | 4.5              |
| Ordnance .....                                | 235                                  | 7.2              | 86                                | 9.5              | 148                                   | 5.8              | Wholesale .....                                           | 3,419                                | 4.1              | 432                               | 8.0              | 2,988                                 | 3.5              |
| Lumber .....                                  | 539                                  | 6.3              | 113                               | 11.6             | 426                                   | 4.9              | Retail .....                                              | 13,981                               | 5.0              | 1,465                             | 7.7              | 12,517                                | 4.7              |
| Furniture .....                               | 461                                  | 11.6             | 132                               | 19.9             | 329                                   | 8.3              | Eating and drinking places .....                          | 4,031                                | 6.2              | 212                               | 19.3             | 3,818                                 | 5.4              |
| Stone, clay, and glass .....                  | 618                                  | 6.9              | 305                               | 7.2              | 313                                   | 6.5              | Other retail .....                                        | 9,950                                | 4.6              | 1,252                             | 5.7              | 8,698                                 | 4.4              |
| Primary metals .....                          | 1,176                                | 4.8              | 712                               | 5.6              | 464                                   | 3.6              | Finance, insurance, and real estate .....                 | 5,152                                | 4.1              | 250                               | 9.8              | 4,902                                 | 3.8              |
| Fabricated metals .....                       | 1,359                                | 6.9              | 530                               | 6.4              | 828                                   | 7.2              | Banking and other finance .....                           | 2,356                                | 4.2              | 67                                | 10.0             | 2,289                                 | 4.1              |
| Machinery, except electrical .....            | 2,779                                | 3.9              | 851                               | 2.6              | 1,928                                 | 4.4              | Insurance and real estate .....                           | 2,796                                | 4.0              | 183                               | 9.7              | 2,613                                 | 3.6              |
| Electrical equipment .....                    | 2,230                                | 6.6              | 672                               | 6.0              | 1,559                                 | 6.9              | Services .....                                            | 25,123                               | 4.6              | 5,719                             | 5.3              | 19,404                                | 4.4              |
| Transportation equipment .....                | 2,031                                | 4.9              | 1,135                             | 4.1              | 896                                   | 6.0              | Private household service .....                           | 1,214                                | 8.4              | 9                                 | ( <sup>1</sup> ) | 1,205                                 | 8.5              |
| Automobiles .....                             | 951                                  | 3.2              | 600                               | 2.8              | 351                                   | 3.9              | Miscellaneous services .....                              | 23,909                               | 4.4              | 5,710                             | 5.4              | 18,199                                | 4.1              |
| Aircraft .....                                | 676                                  | 6.5              | 341                               | 5.9              | 335                                   | 7.2              | Business and repair .....                                 | 2,902                                | 6.1              | 332                               | 12.7             | 2,570                                 | 5.3              |
| Other transportation equipment .....          | 404                                  | 6.2              | 194                               | 4.8              | 210                                   | 7.5              | Personal services, except private household .....         | 1,653                                | 8.0              | 238                               | 17.9             | 1,415                                 | 6.4              |
| Instruments .....                             | 622                                  | 8.5              | 90                                | 9.8              | 532                                   | 8.3              | Entertainment and recreation .....                        | 902                                  | 5.9              | 140                               | 8.2              | 762                                   | 5.5              |
| Miscellaneous .....                           | 497                                  | 12.0             | 93                                | 21.5             | 403                                   | 9.8              | Professional services .....                               | 18,451                               | 3.7              | 5,000                             | 4.2              | 13,452                                | 3.6              |
| Nondurable goods .....                        | 8,430                                | 7.4              | 2,589                             | 9.3              | 5,841                                 | 6.5              | Medical, except hospitals .....                           | 2,834                                | 3.1              | 336                               | 5.2              | 2,498                                 | 2.9              |
| Food .....                                    | 1,674                                | 9.8              | 670                               | 14.1             | 1,004                                 | 7.0              | Hospitals .....                                           | 3,901                                | 3.9              | 841                               | 5.2              | 3,059                                 | 3.5              |
| Tobacco .....                                 | 60                                   | 3.0              | 21                                | ( <sup>1</sup> ) | 39                                    | 4.6              | Welfare and religious .....                               | 1,541                                | 3.4              | 246                               | 4.6              | 1,295                                 | 3.1              |
| Textiles .....                                | 786                                  | 6.7              | 140                               | 22.6             | 646                                   | 3.2              | Educational .....                                         | 8,062                                | 4.0              | 3,421                             | 3.8              | 4,641                                 | 4.1              |
| Apparel .....                                 | 1,298                                | 14.8             | 353                               | 14.5             | 945                                   | 14.8             | Other professional services .....                         | 2,114                                | 3.6              | 156                               | 5.2              | 1,958                                 | 3.5              |
| Paper .....                                   | 751                                  | 3.1              | 380                               | 3.9              | 371                                   | 2.3              | Forestry and fisheries .....                              | 87                                   | 7.5              | 14                                | 1.8              | 73                                    | 8.5              |
| Printing .....                                | 1,433                                | 3.6              | 308                               | 3.6              | 1,125                                 | 3.6              | Public administration .....                               | 5,364                                | 4.2              | 2,172                             | 4.0              | 3,192                                 | 4.3              |
| Chemicals .....                               | 1,240                                | 5.5              | 352                               | 7.1              | 888                                   | 4.8              | Federal, except postal .....                              | 1,795                                | 4.6              | 488                               | 3.5              | 1,307                                 | 5.0              |
| Petroleum .....                               | 220                                  | 1.3              | 79                                | ( <sup>1</sup> ) | 141                                   | 2.0              | Postal .....                                              | 691                                  | 4.1              | 570                               | 4.9              | 122                                   | .5               |
| Rubber and plastics .....                     | 692                                  | 7.2              | 223                               | 5.0              | 469                                   | 8.2              | State .....                                               | 972                                  | 3.2              | 309                               | 3.2              | 662                                   | 3.2              |
| Leather and not specified manufacturing ..... | 275                                  | 5.3              | 64                                | 2.8              | 212                                   | 6.0              | Local .....                                               | 1,906                                | 4.3              | 805                               | 3.9              | 1,100                                 | 4.5              |

<sup>1</sup> Base less than 75,000.

NOTE: Due to rounding, sums of individual items may not equal totals.



# Appendix: Survey Methods and Limitations of Data

## Current Population Survey methods

The May 1980 Current Population Survey asked two questions relating to participation in labor organizations. One question related to actual membership in a union or employee association; the other question, asked only if the first were answered in the negative, related to coverage of the worker by a union or employee association contract. An employed wage or salary worker who identified himself or herself as either a member of a union or employee association, or as being covered by a contract such an organization had with the employer, was so classified. Only the worker's present job was considered.

Estimates were derived from a sample survey conducted by trained interviewers who collected information from about 65,000 households in 629 areas throughout the United States. Retirees, unemployed union members, and persons in the Armed Forces were excluded.

## Comparability

In 1979, the CPS survey design was modified to collect earnings data on a monthly basis rather than once a year. Earnings data reported in this bulletin, collected in May 1980, are comparable to the 1977 earnings data reported in BLS Report 556. The parameters in table A-1 should be used in calculating standard errors for all data (including earnings) reported in Report 556.

The figures on labor organization membership presented in this bulletin are not comparable with data from other sources due to differences in concepts, classification, and coverage. Membership figures published in the Bureau's biennial *Directory of National Unions and Employee Associations in the United States* were based on responses to a questionnaire mailed directly to all unions affiliated with the AFL-CIO, to unaffiliated unions that engage in collective bargaining with different employers in more than one State, and to associations that engage in collective bargaining. In 1978, the reported U.S. membership based on the *Directory* survey was 22.7 million. The membership figure derived from the CPS May 1980 survey was 20.1 million. The membership reports of labor unions sometimes include in their totals persons who were excluded from the CPS survey.

## Reliability of the estimates

Since the estimates are based on a sample, they may differ somewhat from the figures that would have been obtained if a complete census had been taken using the same schedules and procedures. As in any survey, the results are subject to errors of response and reporting as well as to sampling variability.

The standard error is primarily a measure of sampling variability; that is, the variations that occur by chance because a sample rather than the whole of the population is surveyed. As calculated for this bulletin, the standard error also partially measures the effect of response and enumeration errors, but does not measure any systematic biases in the data. The chances are about 2 out of 3 that an estimate from the sample would differ from a complete census by less than the standard error. The chances are about 19 out of 20 that the differences would be less than twice the standard error.

The following A and B characteristics are to be used in the standard statistical formulas for determining standard errors for data reported in this bulletin: For earnings data,  $A = -0.0000671$  and  $B = 8592$ ; for all other data, use the characteristics in table A-1.

## Limitations of earning data

It has long been recognized that, compared to the collection of earnings data from payroll records, the

**Table A-1. A and B characteristics for calculating approximate standard errors of numbers and percentages**

| Type of characteristic | A          | B     |
|------------------------|------------|-------|
| Both sexes:            |            |       |
| Total or white .....   | -0.0000177 | 2,267 |
| Black and other .....  | -.0001474  | 2,267 |
| Male only:             |            |       |
| Total .....            | -.0000375  | 2,267 |
| White .....            | -.0000423  | 2,267 |
| Black and other .....  | -.0003271  | 2,267 |
| Female only:           |            |       |
| Total or white .....   | -.0000166  | 1,776 |
| Black and other .....  | -.0001327  | 1,776 |



collection of the same information through a household sample survey involves the loss of a certain amount of accuracy in exchange for a gain in specific information on the demographic characteristics of wage earners.

For example, experience demonstrates that in a household survey, the nonresponse rates are higher for questions about earnings than for other questions. Over the years since 1967, the nonresponse rate on weekly earnings has ranged from about 16 percent to 20 percent. Whether the nonresponse problem produces an upward or downward bias (or no bias at all) on the earnings averages derived from the survey depends on how the

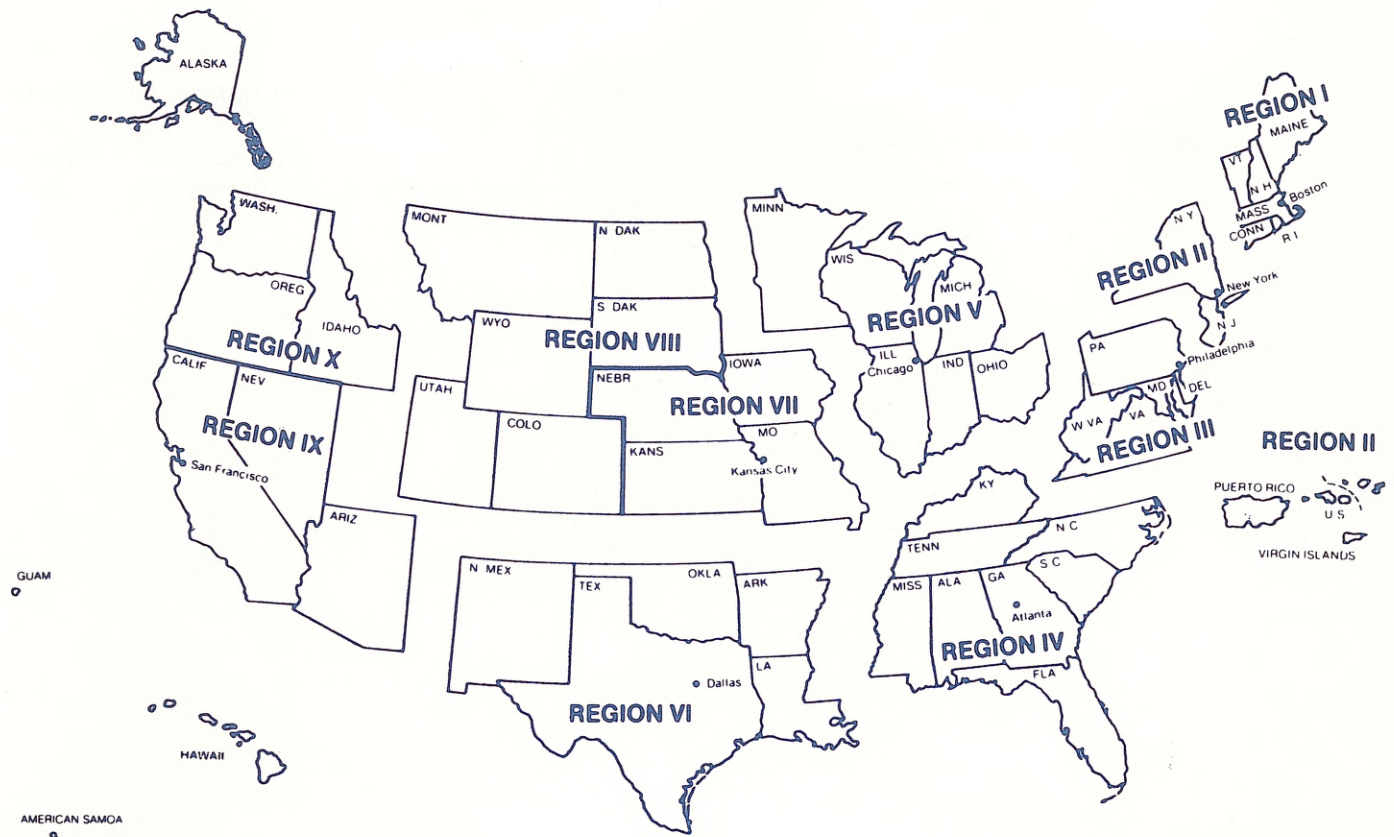
nonresponsive households are distributed among the sample population. If, for example, nonresponses on earnings tend to be concentrated among households with high earnings levels, then the earnings levels reported in the survey would be biased downward. If, however, the nonresponses are distributed randomly, no bias would exist. (For a more complete discussion of the merits and limitations of earnings data obtained from the May CPS, see *Technical Description of the Quarterly Data on Weekly Earnings from the Current Population Survey* (Report 601, Bureau of Labor Statistics, July 1980.)



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