

# **EMPLOYMENT and pay rolls**

**DETAILED REPORT  
OCTOBER 1950**

**UNITED STATES DEPARTMENT OF LABOR  
Maurice J. Tobin - Secretary  
BUREAU OF LABOR STATISTICS  
Ewan Clague - Commissioner**

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EMPLOYMENT AND PAY ROLLS

Detailed Report

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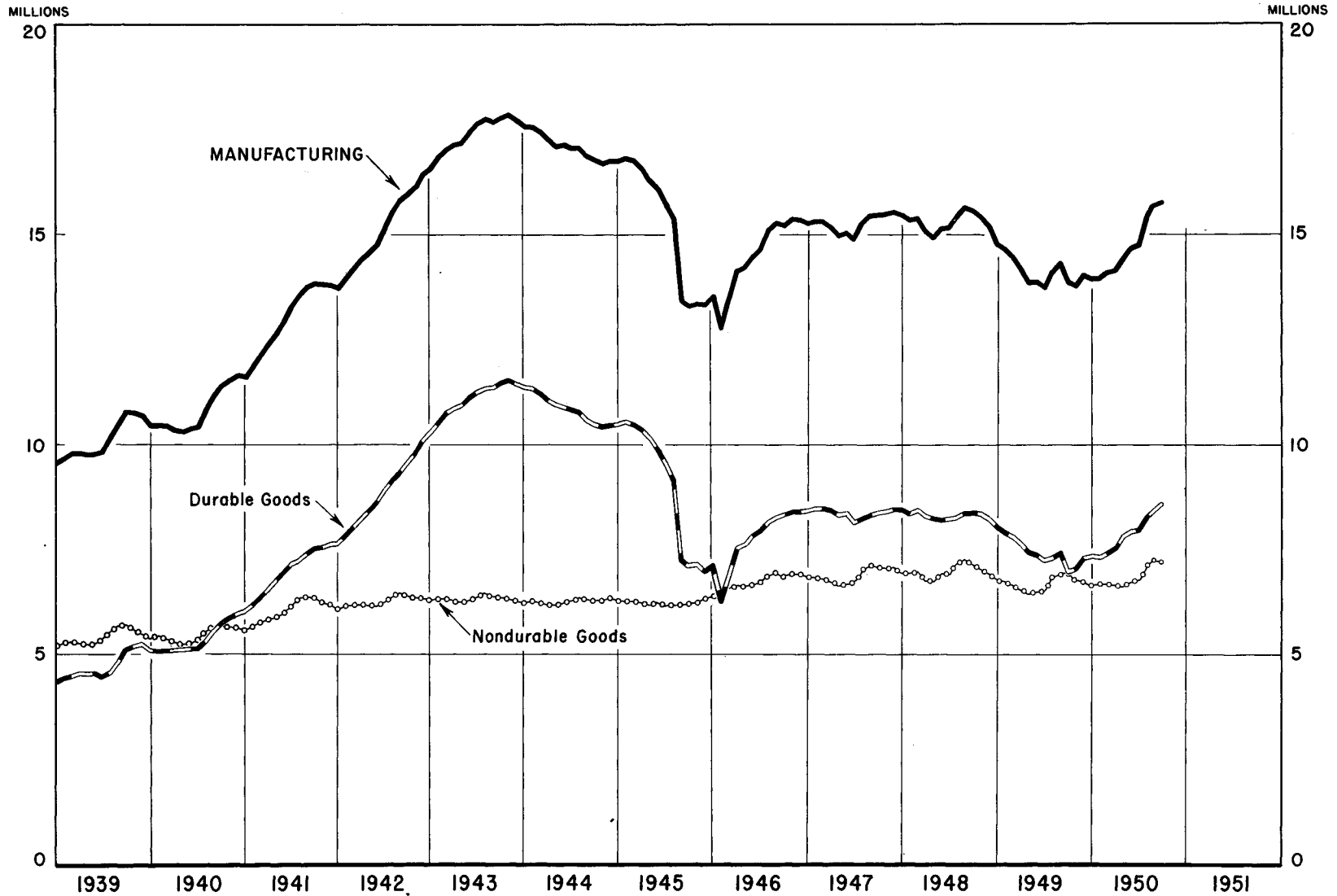
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# EMPLOYMENT IN MANUFACTURING INDUSTRIES ALL EMPLOYEES



UNITED STATES DEPARTMENT OF LABOR  
BUREAU OF LABOR STATISTICS

# WOOLENS AND WORSTEDS

The woolen and worsted fabrics manufacturing industry reduced operations in October 1950 as demand for Spring fabrics fell. Weekly hours were cut to 39.1, or by an hour and a half from the September level; employment was reduced slightly to 114,200 over the same period. This decline reversed the upward trend which had prevailed for several months in response to a strong and early Spring order volume. Defense orders did not contribute any appreciable volume to this upturn.

The early appearance of Spring orders from apparel manufacturers was partly explained by their anticipation of a continuing world-wide shortage of wool and an accompanying price rise. Dependence of the domestic industry on foreign sources for the major share of its raw wool may hinder future operations of the industry, in view of growing shortage. It is very probable that manufacturers may resort to increased blending of wool with other fibers to spread the available supply of wool, as they did in World War II.

Trade circles expect an early rise in new orders. Factors enumerated to support this view are: a probable early increase in defense orders; the continuation of the present high level of consumer income; and a diversion of consumer spending to soft goods because of the more stringent credit restrictions placed on durable-goods purchases.

Postwar Employment Trends

Production worker employment in the woolen and worsted industry <sup>1/</sup> was maintained around a relatively high average of 123,000 during 1947 and 1948 (table I). Not only was National income rising during these years but heavy demand also continued for wool clothing from former soldiers rebuilding their wardrobes. However, the contraseasonal employment decline in this industry which began in September 1948 foreshadowed the general decline in business which occurred in 1949.

Table I

Production Worker Employment in the  
Woolen and Worsted Industry,  
by month, 1947-1950

(in thousands)

| Period    | 1947  | 1948  | 1949  | 1950  |
|-----------|-------|-------|-------|-------|
| Average   | 122.5 | 123.5 | 100.9 |       |
| January   | 130.2 | 127.5 | 111.1 | 102.8 |
| February  | 129.3 | 128.9 | 108.0 | 102.8 |
| March     | 125.8 | 127.9 | 95.3  | 103.2 |
| April     | 121.5 | 125.9 | 81.3  | 102.9 |
| May       | 117.5 | 124.6 | 88.8  | 103.5 |
| June      | 117.2 | 125.0 | 94.0  | 108.8 |
| July      | 114.4 | 119.8 | 97.4  | 106.4 |
| August    | 116.1 | 124.1 | 100.6 | 110.8 |
| September | 121.7 | 122.0 | 104.1 | 114.3 |
| October   | 123.0 | 119.2 | 110.8 | 114.2 |
| November  | 125.2 | 119.2 | 110.7 | - - - |
| December  | 127.5 | 117.9 | 108.5 | - - - |

<sup>1/</sup> Includes all establishments engaged in weaving woolen and worsted fabrics over 12 inches in width.

Woolen and worsted employment was more affected by the general decline and the succeeding recovery than was employment in other textile industries. During the 1949 downturn, for example, employment in the woolen and worsted manufacturing industry fell 34 percent as against 17 percent in the cotton and rayon weaving industries. Similarly, during the recovery from the 1949 dip, woolen and worsted employment rose by 40 percent and cotton and rayon by 15 percent. This greater sensitivity to changed business conditions is partly explained by the high cost of wool products relative to cotton and rayon products and by the greater durability, and thus purchase postponability, of wool apparel.

The high point in the recovery from the 1949 recession was reached in September of 1950, when the woolen and worsted industry reported a production worker total of 114,300. A sharp upturn in employment between May and September added more than 11,000 workers to its payrolls, an 11 percent increase. The workweek was also expanded sharply. During the third quarter of 1950, weekly hours averaged the highest for any comparable period since 1946. This rise in weaving activity soon resulted in a reduction of the pockets of unemployment which, since early 1949 had been present in major centers of wool weaving such as Lawrence, Mass. and Providence, R. I.

The bulk of the employment gain occurred in New England where the major part of the woolen and worsted manufacturing industry is located. In 1947, that region accounted for 60 percent of those employed in the industry with most of it concentrated in Massachusetts and Rhode Island. The Middle Atlantic States - New York, Pennsylvania, and New Jersey - accounted for another 20 percent of the industry's employment.

Despite the current upturn, however, employment in the woolen and worsted industry is still relatively low. October employment of 114,200 was 2 percent below the 1939 level. In sharp contrast, employment in all nondurable manufacturing industries increased 33 percent between 1939 and October 1950.

The failure of woolen and worsted employment to expand can be explained mainly by two factors: competition from rayon apparel, especially in summer suitings, and the continuation of the long-term decline in demand for heavy clothing. This latter factor, accompanying the development of better heated homes and cars, has been particularly depressing on the woolen segment of the industry. As a consequence of this lack of growth in the industry, few new woolen and worsted mills have been erected over the past 10 years. Those that have been, are, for the most part, located in the South.

A rise in the industry's level of activity is expected, however, in the immediate future, from military orders. Congressional action on the 18 billion dollar emergency defense budget requested by the President is expected to provide defense agencies with 900 million dollars for the purchase of clothing and equipage. Some idea of the possible magnitude of defense purchases may be gleaned from World War II figures. The U. S. Tariff Commission estimates that during the last war the minimum quantity of wool (clean basis) required for each combat soldier per year was about 100 pounds.

### Trends in Production

Apparel fabric production during the first 9 months of 1950 totaled 280 million yards (table II). This was 13 percent above the total for the comparable period of 1949.

Table II

Production of Woolen and Worsted  
Woven Goods for Apparel 1/

(in thousands of finished linear yards)

| Period      | 1946    | 1947    | 1948    | 1949    | 1950   |
|-------------|---------|---------|---------|---------|--------|
| Total       | 524,000 | 437,000 | 436,000 | 351,000 |        |
| 1st quarter | 126,000 | 125,000 | 116,000 | 85,000  | 91,000 |
| 2nd quarter | 134,000 | 98,000  | 115,000 | 74,000  | 93,000 |
| 3rd quarter | 127,000 | 99,000  | 105,000 | 90,000  | 97,000 |
| 4th quarter | 137,000 | 114,000 | 100,000 | 102,000 |        |

1/ Includes all woven goods containing by weight 25 or more percent of wool fiber. A small part of this production was manufactured by cotton and rayon weavers - in 1949 this amounted to 7 percent of the total.

Final production figures for wool fabrics in 1950 will probably total less than that for any other postwar year except 1949, despite the fact that the 1950 National income aggregate will turn out to be near or above record levels. Undoubtedly, the high price of wool relative to other fibers, as well as the other depressing factors already mentioned, have continued to be major factors in limiting the market for woolen and worsted apparel.

Increased consumption of wool by the entire industry to meet both civilian and greatly expanded defense needs in the future will be hindered by the world-wide raw-wool shortage. The limited supply of wool may be more effectively utilized by blending it with other fibers as was done during World War II. At present, there is only a minor volume of blending being done in woolen and worsted mills.

Despite the high prices offered for raw wool, supply is not easily expanded. The number of domestic stock sheep is at an extremely low level. Both land and farm labor have found more profitable alternative uses during the postwar period.

#### Trends in Weekly and Hourly Earnings

The record gross average hourly earnings figure of \$1.44 received by production workers in October 1950 reflected the 12 cents an hour wage rate increase that was granted very widely in the woolen and worsted industry. This was the first general wage rate increase in the industry since early 1948. Weekly earnings of \$56.46 in October 1950 were also at a record level (table III).



Table III

Hours and Earnings of Production Workers  
in the Woolen and Worsted Industry  
1947-1950

| Period       | Average Hours and Earnings |          |            |
|--------------|----------------------------|----------|------------|
|              | : Weekly                   | : Weekly | : Hourly   |
|              | : Earnings                 | : Hours  | : Earnings |
| 1947         | \$46.28                    | 40.0     | \$1.157    |
| 1948         | 52.45                      | 40.1     | 1.308      |
| 1949         | 51.19                      | 38.9     | 1.316      |
| 1950 January | 52.92                      | 39.7     | 1.333      |
| February     | 52.51                      | 39.6     | 1.326      |
| March        | 51.00                      | 38.9     | 1.311      |
| April        | 50.94                      | 38.3     | 1.313      |
| May          | 51.94                      | 39.5     | 1.315      |
| June         | 53.36                      | 40.3     | 1.324      |
| July         | 53.51                      | 40.2     | 1.335      |
| August       | 54.60                      | 40.9     | 1.335      |
| September    | 54.53                      | 40.6     | 1.343      |
| October      | 56.46                      | 39.1     | 1.444      |

The Southern segment of the woolen and worsted industry, as represented by Virginia and North Carolina, showed a lower level of wage rates compared with those in the rest of the industry, according to a survey made in May 1950 by the Division of Wage Statistics of the Bureau of Labor Statistics. This differential is also revealed in the State data provided in table IV.

#### Women Workers

Women workers comprise a substantial portion of the workforce in this industry, amounting to approximately 39 percent of the total in June 1950. This was a considerable decline from the 48 percent reported during the war year of 1944, but was close to the prewar figure of 41 percent recorded in 1939.

Table IVHours and Earnings of Production Workers in the  
Woolen and Worsted Industry, by State

September 1950

| State          | Average Hours and Earnings |          |           |
|----------------|----------------------------|----------|-----------|
|                | : Hourly                   | : Weekly | : Weekly  |
|                | :Earnings                  | : Hours  | :Earnings |
| U. S. total    | \$1,343                    | 40.6     | \$54.53   |
| Massachusetts  | 1,369                      | 40.1     | 54.90     |
| Rhode Island   | 1,385                      | 39.7     | 54.98     |
| New York       | 1,358                      | 42.3     | 57.44     |
| New Jersey     | 1,431                      | 41.1     | 58.81     |
| Pennsylvania   | 1,339                      | 40.6     | 54.36     |
| Ohio           | 1,290                      | 43.2     | 55.73     |
| North Carolina | 1,140                      | 44.5     | 50.73     |

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Data for the 2 most recent months  
shown are subject to revision  
\*\*\*\*\*  
Explanatory notes outlining briefly the  
concepts, methodology, and sources used  
in preparing data presented in this re-  
port appear in the appendix. See pages  
i - vii.

TABLE 1: Employees in Nonagricultural Establishments, by Industry Division  
(In thousands)

| Year and month         | Total  | Mining | Contract construction | Manufacturing | Transportation and Public utilities | Trade  | Finance | Service | Government |
|------------------------|--------|--------|-----------------------|---------------|-------------------------------------|--------|---------|---------|------------|
| <b>Annual averages</b> |        |        |                       |               |                                     |        |         |         |            |
| 1939                   | 30,287 | 845    | 1,150                 | 10,078        | 2,912                               | 6,612  | 1,382   | 3,321   | 3,987      |
| 1940                   | 32,031 | 916    | 1,294                 | 10,780        | 3,013                               | 6,940  | 1,419   | 3,477   | 4,192      |
| 1941                   | 36,164 | 947    | 1,790                 | 12,974        | 3,248                               | 7,416  | 1,462   | 3,705   | 4,622      |
| 1942                   | 39,697 | 983    | 2,170                 | 15,051        | 3,433                               | 7,333  | 1,440   | 3,857   | 5,431      |
| 1943                   | 42,042 | 917    | 1,567                 | 17,381        | 3,619                               | 7,189  | 1,401   | 3,919   | 6,049      |
| 1944                   | 41,480 | 883    | 1,094                 | 17,111        | 3,798                               | 7,260  | 1,374   | 3,934   | 6,026      |
| 1945                   | 40,069 | 826    | 1,132                 | 15,302        | 3,872                               | 7,522  | 1,394   | 4,055   | 5,967      |
| 1946                   | 41,412 | 852    | 1,661                 | 14,461        | 4,023                               | 8,602  | 1,586   | 4,621   | 5,607      |
| 1947                   | 43,371 | 943    | 1,982                 | 15,247        | 4,122                               | 9,196  | 1,641   | 4,786   | 5,454      |
| 1948                   | 44,201 | 981    | 2,165                 | 15,286        | 4,151                               | 9,491  | 1,716   | 4,799   | 5,613      |
| 1949                   | 43,006 | 932    | 2,156                 | 14,146        | 3,977                               | 9,438  | 1,763   | 4,782   | 5,811      |
| <b>1949</b>            |        |        |                       |               |                                     |        |         |         |            |
| Aug..                  | 42,994 | 956    | 2,340                 | 14,114        | 3,992                               | 9,213  | 1,780   | 4,836   | 5,763      |
| Sept.                  | 43,466 | 948    | 2,341                 | 14,312        | 3,959                               | 9,409  | 1,771   | 4,833   | 5,893      |
| Oct..                  | 42,601 | 593    | 2,313                 | 13,892        | 3,871                               | 9,505  | 1,767   | 4,794   | 5,866      |
| Nov..                  | 42,784 | 917    | 2,244                 | 13,807        | 3,892                               | 9,607  | 1,766   | 4,768   | 5,783      |
| Dec..                  | 43,694 | 940    | 2,088                 | 14,031        | 3,930                               | 10,156 | 1,770   | 4,738   | 6,041      |
| <b>1950</b>            |        |        |                       |               |                                     |        |         |         |            |
| Jan..                  | 42,125 | 861    | 1,919                 | 13,980        | 3,869                               | 9,246  | 1,772   | 4,701   | 5,777      |
| Feb..                  | 41,661 | 595    | 1,861                 | 13,997        | 3,841                               | 9,152  | 1,777   | 4,696   | 5,742      |
| Mar..                  | 42,295 | 938    | 1,907                 | 14,103        | 3,873                               | 9,206  | 1,791   | 4,708   | 5,769      |
| Apr..                  | 42,926 | 939    | 2,076                 | 14,162        | 3,928                               | 9,346  | 1,803   | 4,757   | 5,915      |
| May..                  | 43,311 | 940    | 2,245                 | 14,413        | 3,885                               | 9,326  | 1,812   | 4,790   | 5,900      |
| June.                  | 43,945 | 946    | 2,414                 | 14,666        | 4,023                               | 9,411  | 1,827   | 4,826   | 5,832      |
| July.                  | 44,096 | 922    | 2,532                 | 14,777        | 4,062                               | 9,390  | 1,831   | 4,841   | 5,741      |
| Aug..                  | 45,080 | 950    | 2,629                 | 15,450        | 4,120                               | 9,474  | 1,837   | 4,827   | 5,793      |
| Sept.                  | 45,689 | 946    | 2,615                 | 15,682        | 4,138                               | 9,660  | 1,827   | 4,817   | 6,004      |
| Oct..                  | 45,899 | 941    | 2,620                 | 15,819        | 4,135                               | 9,766  | 1,822   | 4,757   | 6,039      |
| Nov..                  |        |        |                       |               |                                     |        |         |         |            |
| Dec..                  |        |        |                       |               |                                     |        |         |         |            |

See explanatory notes, sections A-G, and the glossary for definitions.

TABLE 2: Employees in Nonagricultural Establishments, by Industry  
Division and Group

(In thousands)

| Industry division and group                | 1950    |           |        | 1949    |           |
|--|---------|-----------|--------|---------|-----------|
|  | October | September | August | October | September |
| TOTAL                                      | 45,899  | 45,689    | 45,080 | 42,601  | 43,466    |
| MINING                                     | 941     | 946       | 950    | 593     | 948       |
| Metal mining                               | 101.9   | 103.0     | 102.5  | 70.2    | 98.1      |
| Anthracite                                 | 74.3    | 75.0      | 75.3   | 76.2    | 75.6      |
| Bituminous-coal                            | 407.2   | 406.9     | 407.8  | 94.3    | 414.7     |
| Crude petroleum and natural gas production | 255.0   | 258.1     | 261.2  | 256.2   | 260.7     |
| Nonmetallic mining and quarrying           | 102.3   | 103.1     | 103.4  | 95.9    | 98.7      |
| CONTRACT CONSTRUCTION                      | 2,620   | 2,615     | 2,629  | 2,313   | 2,341     |
| NONBUILDING CONSTRUCTION                   | 529     | 536       | 548    | 478     | 501       |
| Highway and street                         | 228.0   | 232.4     | 240.0  | 209.6   | 222.4     |
| Other nonbuilding construction             | 301.3   | 303.7     | 307.5  | 268.3   | 278.3     |
| BUILDING CONSTRUCTION                      | 2,091   | 2,079     | 2,081  | 1,835   | 1,840     |
| GENERAL CONTRACTORS                        | 901     | 903       | 905    | 795     | 801       |
| SPECIAL-TRADE CONTRACTORS                  | 1,190   | 1,176     | 1,176  | 1,040   | 1,039     |
| Plumbing and heating                       | 296.0   | 292.9     | 285.7  | 260.9   | 258.8     |
| Painting and decorating                    | 157.7   | 157.1     | 158.3  | 135.2   | 139.1     |
| Electrical work                            | 136.8   | 135.1     | 133.7  | 126.2   | 125.8     |
| Other special-trade contractors            | 599.0   | 591.1     | 597.9  | 518.1   | 515.7     |
| MANUFACTURING                              | 15,819  | 15,682    | 15,450 | 13,892  | 14,312    |
| DURABLE GOODS                              | 8,612   | 8,425     | 8,294  | 6,986   | 7,409     |
| NONDURABLE GOODS                           | 7,207   | 7,257     | 7,156  | 6,906   | 6,903     |
| TRANSPORTATION AND PUBLIC UTILITIES        | 4,135   | 4,138     | 4,120  | 3,871   | 3,959     |
| Transportation                             | 2,915   | 2,912     | 2,891  | 2,664   | 2,739     |
| Interstate railroads                       | 1,462   | 1,457     | 1,441  | 1,257   | 1,339     |
| Class I railroads                          | 1,291   | 1,284     | 1,272  | 1,090   | 1,166     |
| Local railways and bus lines               | 145     | 146       | 146    | 156     | 157       |
| Trucking and warehousing                   | 621     | 620       | 614    | 568     | 555       |
| Other transportation and services          | 687     | 689       | 690    | 683     | 688       |
| Air transportation (common carrier)        | 76.9    | 75.2      | 74.5   | 75.9    | 76.8      |
| Communication                              | 670     | 671       | 671    | 669     | 676       |
| Telephone                                  | 620.7   | 621.6     | 622.9  | 618.5   | 624.7     |
| Telegraph                                  | 47.9    | 48.0      | 47.2   | 49.4    | 50.1      |

See explanatory notes, sections A-G, and the glossary for definitions.

TABLE 2: Employees in Nonagricultural Establishments, by Industry  
Division and Group (Continued)  
(In thousands)

| Industry division and group                            | 1950    |           |        | 1949    |           |
|--|---------|-----------|--------|---------|-----------|
|  | October | September | August | October | September |
| <b>TRANSPORTATION AND PUBLIC UTILITIES (Continued)</b> |         |           |        |         |           |
| Other public utilities                                 | 550.    | 555       | 558    | 538.    | 544       |
| Gas and electric utilities                             | 525.1   | 529.4     | 531.7  | 513.7   | 518.7     |
| Electric light and power utilities                     | 233.9   | 236.6     | 238.6  | 233.5   | 236.0     |
| Local utilities  | 24.8    | 25.4      | 25.9   | 24.7    | 24.9      |
| <b>TRADE</b>   | 9,766   | 9,660     | 9,474  | 9,505   | 9,409     |
| Wholesale trade  | 2,621   | 2,613     | 2,582  | 2,554   | 2,538     |
| Retail trade   | 7,145   | 7,047     | 6,892  | 6,951   | 6,871     |
| General merchandise stores                             | 1,540   | 1,477     | 1,387  | 1,489   | 1,432     |
| Food and liquor stores                                 | 1,219   | 1,210     | 1,200  | 1,200   | 1,192     |
| Automotive and accessories dealers                     | 743     | 744       | 749    | 696     | 692       |
| Apparel and accessories stores                         | 557     | 540       | 491    | 557     | 542       |
| Other retail trade                                     | 3,086   | 3,076     | 3,065  | 3,009   | 3,013     |
| <b>FINANCE</b>   | 1,822   | 1,827     | 1,837  | 1,767   | 1,771     |
| Banks and trust companies                              | 433     | 433       | 435    | 415     | 417       |
| Security dealers and exchanges                         | 60.7    | 60.9      | 61.4   | 55.0    | 55.0      |
| Insurance carriers and agents                          | 652     | 654       | 658    | 626     | 627       |
| Other finance agencies and real estate                 | 676     | 679       | 683    | 671     | 672       |
| <b>SERVICE</b>   | 4,757   | 4,817     | 4,827  | 4,794   | 4,833     |
| Hotels and lodging places                              | 441     | 476       | 512    | 451     | 475       |
| Laundries  | 355.6   | 357.4     | 358.6  | 350.6   | 355.8     |
| Cleaning and dyeing plants                             | 150.8   | 149.6     | 147.1  | 147.4   | 146.9     |
| Motion pictures  | 244     | 246       | 244    | 238     | 236       |
| <b>GOVERNMENT</b>                                      | 6,039   | 6,004     | 5,793  | 5,866   | 5,893     |
| Federal  | 1,948   | 1,916     | 1,841  | 1,863   | 1,892     |
| State and local  | 4,091   | 4,088     | 3,952  | 4,003   | 4,001     |

See explanatory notes, sections A-G, and the glossary for definitions.

TABLE 3: All Employees and Production Workers in Mining and Manufacturing Industries

(In thousands)

| Industry group and industry                       | All employees |           |        | Production workers |           |        |
|---|---------------|-----------|--------|--------------------|-----------|--------|
|   | 1950          |           |        | 1950               |           |        |
|   | October       | September | August | October            | September | August |
| <b>MINING</b>                                     | 941           | 946       | 950    | --                 | --        | --     |
| <b>METAL MINING</b>                               | 101.9         | 103.0     | 102.5  | 90.2               | 91.3      | 90.8   |
| Iron mining                                       | 36.8          | 37.0      | 37.0   | 33.2               | 33.4      | 33.4   |
| Copper mining                                     | 28.2          | 28.3      | 28.2   | 24.6               | 24.9      | 24.8   |
| Lead and zinc mining                              | 19.8          | 20.4      | 20.0   | 17.3               | 17.9      | 17.5   |
| <b>ANTHRACITE</b>                                 | 74.3          | 75.0      | 75.3   | 69.9               | 70.5      | 70.8   |
| <b>BITUMINOUS COAL</b>                            | 407.2         | 406.9     | 407.8  | 381.1              | 381.7     | 383.0  |
| <b>CRUDE PETROLEUM AND NATURAL GAS PRODUCTION</b> | 255.0         | 258.1     | 261.2  | --                 | --        | --     |
| Petroleum and natural gas production              | --            | --        | --     | 126.1              | 128.4     | 130.3  |
| <b>NONMETALLIC MINING AND QUARRYING</b>           | 102.3         | 103.1     | 103.4  | 89.6               | 90.3      | 90.6   |
| <b>MANUFACTURING</b>                              | 15,819        | 15,682    | 15,450 | 13,133             | 13,016    | 12,802 |
| <b>DURABLE GOODS</b>                              | 8,612         | 8,425     | 8,294  | 7,181              | 7,016     | 6,900  |
| <b>NONDURABLE GOODS</b>                           | 7,207         | 7,257     | 7,156  | 5,952              | 6,000     | 5,902  |
| <b>ORDNANCE AND ACCESSORIES</b>                   | 27.2          | 26.7      | 25.0   | 22.1               | 21.5      | 20.1   |
| <b>FOOD AND KINDRED PRODUCTS</b>                  | 1,648         | 1,738     | 1,718  | 1,266              | 1,351     | 1,331  |
| Meat products                                     | 301.8         | 296.9     | 296.6  | 239.6              | 235.2     | 235.8  |
| Dairy products                                    | 142.2         | 149.6     | 156.4  | 101.2              | 106.8     | 113.7  |
| Canning and preserving                            | 261.2         | 352.7     | 329.1  | 234.8              | 324.9     | 302.1  |
| Grain-mill products                               | 128.0         | 128.7     | 128.6  | 97.8               | 99.3      | 97.7   |
| Bakery products                                   | 291.6         | 289.4     | 287.7  | 196.5              | 194.2     | 192.2  |
| Sugar   | 48.5          | 34.4      | 33.5   | 43.7               | 29.9      | 28.8   |
| Confectionery and related products                | 113.3         | 110.2     | 102.1  | 96.2               | 93.0      | 85.4   |
| Beverages   | 218.0         | 229.9     | 240.1  | 150.2              | 159.8     | 169.3  |
| Miscellaneous food products                       | 143.4         | 145.8     | 144.3  | 106.4              | 107.9     | 106.1  |
| <b>TOBACCO MANUFACTURES</b>                       | 94            | 95        | 89     | 87                 | 88        | 82     |
| Cigarettes  | 26.0          | 27.1      | 25.6   | 23.6               | 24.6      | 23.1   |
| Cigars  | 43.1          | 41.7      | 40.7   | 41.0               | 39.6      | 38.6   |
| Tobacco and snuff                                 | 12.4          | 12.5      | 12.1   | 11.0               | 11.1      | 10.7   |
| Tobacco stemming and redrying                     | 12.4          | 13.5      | 10.8   | 11.2               | 12.3      | 9.8    |

See explanatory notes, sections A-G, and the glossary for definitions.

TABLE 3; All Employees and Production Workers in Mining and Manufacturing Industries (Continued)

(In thousands)

| Industry group and industry                                   | All employees |           |        | Production workers |           |        |
|---|---------------|-----------|--------|--------------------|-----------|--------|
|   | 1950          |           |        | 1950               |           |        |
|   | October       | September | August | October            | September | August |
| <b>TEXTILE-MILL PRODUCTS</b>                                  | 1,356         | 1,347     | 1,316  | 1,263              | 1,255     | 1,224  |
| Yarn and thread mills   | 171.0         | 169.6     | 164.4  | 160.6              | 159.1     | 154.4  |
| Broad-woven fabric mills                                      | 638.3         | 637.7     | 625.9  | 607.6              | 606.5     | 594.6  |
| Knitting mills  | 256.6         | 253.0     | 246.9  | 236.1              | 233.3     | 227.1  |
| Dyeing and finishing textiles                                 | 93.2          | 92.3      | 89.2   | 83.1               | 82.5      | 79.6   |
| Carpets, rugs, other floor coverings                          | 61.6          | 61.3      | 60.5   | 54.3               | 54.0      | 53.3   |
| Other textile-mill products                                   | 135.5         | 133.0     | 129.2  | 121.2              | 119.3     | 115.4  |
| <b>APPAREL AND OTHER FINISHED TEXTILE PRODUCTS</b>            | 1,222         | 1,218     | 1,208  | 1,101              | 1,098     | 1,089  |
| Men's and boys' suits and coats                               | 153.2         | 151.5     | 152.4  | 138.8              | 137.3     | 138.2  |
| Men's and boys' furnishings and work clothing                 | 273.9         | 273.3     | 270.4  | 256.1              | 255.0     | 252.0  |
| Women's outerwear   | 331.8         | 340.4     | 340.3  | 297.3              | 305.3     | 306.6  |
| Women's, children's under garments                            | 113.1         | 110.5     | 105.9  | 102.0              | 99.7      | 95.9   |
| Millinery   | 22.7          | 23.3      | 23.7   | 20.1               | 20.6      | 20.9   |
| Children's outerwear  | 68.7          | 68.5      | 68.5   | 62.7               | 62.6      | 62.6   |
| Fur goods and miscellaneous apparel                           | 101.6         | 99.0      | 96.2   | 89.0               | 87.4      | 85.1   |
| Other fabricated textile products                             | 156.5         | 151.6     | 150.1  | 134.5              | 130.1     | 128.1  |
| <b>LUMBER AND WOOD PRODUCTS (EXCEPT FURNITURE)</b>            | 845           | 850       | 845    | 781                | 786       | 783    |
| Logging camps and contractors                                 | 76.1          | 76.5      | 78.8   | 71.7               | 72.0      | 74.4   |
| Sawmills and planing mills                                    | 492.3         | 497.7     | 494.5  | 460.3              | 466.4     | 464.6  |
| Millwork, plywood, and prefabricated structural wood products | 130.1         | 130.2     | 129.5  | 114.1              | 114.2     | 113.7  |
| Wooden containers   | 82.8          | 81.4      | 79.7   | 77.2               | 76.1      | 74.1   |
| Miscellaneous wood products                                   | 64.0          | 63.9      | 62.0   | 57.6               | 57.6      | 55.8   |
| <b>FURNITURE AND FIXTURES</b>                                 | 378           | 375       | 367    | 329                | 327       | 319    |
| Household furniture   | 270.6         | 268.3     | 262.1  | 241.6              | 239.8     | 234.2  |
| Other furniture and fixtures                                  | 107.5         | 107.0     | 104.9  | 86.9               | 86.9      | 85.2   |

See explanatory notes, sections A-G, and the glossary for definitions.



TABLE 3: All Employees and Production Workers in Mining and Manufacturing Industries (Continued)

(In thousands)

| Industry group and industry                        | All employees |           |        | Production workers |           |        |
|--|---------------|-----------|--------|--------------------|-----------|--------|
|  | 1950          |           |        | 1950               |           |        |
|  | October       | September | August | October            | September | August |
| <b>PAPER AND ALLIED PRODUCTS</b>                   | 490           | 488       | 479    | 420                | 418       | 410    |
| Pulp, paper, and paperboard mills                  | 241.4         | 241.3     | 238.6  | 210.2              | 209.9     | 207.4  |
| Paperboard containers and boxes                    | 139.9         | 137.1     | 131.7  | 120.1              | 118.0     | 113.1  |
| Other paper and allied products                    | 108.9         | 109.1     | 109.1  | 89.9               | 90.2      | 89.9   |
| <b>PRINTING, PUBLISHING, AND ALLIED INDUSTRIES</b> | 751           | 745       | 741    | 514                | 509       | 504    |
| Newspapers   | 289.9         | 293.2     | 292.7  | 149.0              | 151.0     | 149.6  |
| Periodicals  | 52.8          | 51.5      | 51.8   | 35.2               | 35.2      | 34.5   |
| Books  | 48.3          | 48.5      | 47.8   | 36.5               | 37.2      | 36.4   |
| Commercial printing                                | 204.7         | 200.0     | 198.8  | 170.3              | 166.4     | 165.0  |
| Lithographing                                      | 42.3          | 41.1      | 40.5   | 33.2               | 32.5      | 31.8   |
| Other printing and publishing                      | 112.9         | 110.2     | 108.9  | 89.3               | 87.0      | 86.2   |
| <b>CHEMICALS AND ALLIED PRODUCTS</b>               | 719           | 700       | 684    | 524                | 506       | 491    |
| Industrial inorganic chemicals                     | 76.1          | 69.2      | 68.3   | 55.8               | 49.7      | 48.9   |
| Industrial organic chemicals                       | 208.6         | 206.7     | 203.6  | 159.0              | 157.7     | 154.8  |
| Drugs and medicines                                | 99.2          | 98.0      | 96.7   | 65.6               | 64.8      | 63.4   |
| Paints, pigments, and fillers                      | 73.2          | 73.5      | 73.5   | 48.8               | 48.8      | 48.6   |
| Fertilizers  | 33.2          | 33.0      | 29.6   | 26.9               | 26.6      | 23.3   |
| Vegetable and animal oils and fats                 | 62.4          | 54.2      | 48.7   | 51.7               | 43.7      | 38.2   |
| Other chemicals and allied products                | 165.8         | 165.2     | 164.0  | 115.8              | 115.0     | 113.8  |
| <b>PRODUCTS OF PETROLEUM AND COAL</b>              | 251           | 250       | 254    | 191                | 189       | 193    |
| Petroleum refining                                 | 198.4         | 197.4     | 200.5  | 147.0              | 145.1     | 147.4  |
| Coke and byproducts                                | 21.5          | 21.4      | 21.4   | 18.6               | 18.8      | 18.7   |
| Other petroleum and coal products                  | 31.2          | 31.2      | 32.5   | 25.1               | 25.3      | 26.4   |
| <b>RUBBER PRODUCTS</b>                             | 269           | 265       | 258    | 219                | 215       | 208    |
| Tires and inner tubes                              | 115.1         | 115.2     | 112.8  | 91.7               | 91.9      | 89.6   |
| Rubber footwear                                    | 28.0          | 26.9      | 25.7   | 22.8               | 21.8      | 20.7   |
| Other rubber products                              | 125.5         | 122.9     | 119.1  | 104.2              | 101.2     | 98.0   |
| <b>LEATHER AND LEATHER PRODUCTS</b>                | 407           | 411       | 409    | 367                | 371       | 370    |
| Leather  | 51.4          | 51.8      | 51.1   | 46.7               | 47.1      | 46.6   |
| Footwear (except rubber)                           | 253.7         | 259.3     | 260.4  | 230.8              | 236.5     | 237.3  |
| Other leather products                             | 102.2         | 100.0     | 97.5   | 89.6               | 87.8      | 85.8   |

See explanatory notes, sections A-G, and the glossary for definitions.

TABLE 3: All Employees and Production Workers in Mining and Manufacturing Industries (Continued)

(In thousands)

| Industry group and industry   | All employees |           |        | Production workers |           |        |
|---|---------------|-----------|--------|--------------------|-----------|--------|
|   | 1950          |           |        | 1950               |           |        |
|   | October       | September | August | October            | September | August |
| <b>STONE, CLAY, AND GLASS PRODUCTS</b>  | 546           | 533       | 532    | 473                | 460       | 459    |
| Glass and glass products  | 143.6         | 134.4     | 137.9  | 128.3              | 118.1     | 121.7  |
| Cement, hydraulic   | 43.0          | 42.3      | 43.3   | 37.0               | 36.5      | 37.1   |
| Structural clay products  | 87.8          | 87.7      | 87.2   | 79.6               | 79.5      | 78.9   |
| Pottery and related products  | 58.2          | 58.9      | 57.4   | 52.4               | 53.1      | 51.8   |
| Concrete, gypsum, and plaster products  | 99.4          | 98.2      | 98.3   | 84.7               | 84.2      | 84.3   |
| Other stone, clay, and glass products   | 113.7         | 111.2     | 107.4  | 91.2               | 88.7      | 84.9   |
| <b>PRIMARY METAL INDUSTRIES</b>   | 1,293         | 1,277     | 1,256  | 1,116              | 1,104     | 1,086  |
| Blast furnaces, steel works, and rolling mills  | 635.5         | 632.1     | 630.5  | 551.6              | 551.8     | 550.4  |
| Iron and steel foundries  | 256.8         | 251.3     | 241.2  | 226.8              | 221.9     | 213.3  |
| Primary smelting and refining of nonferrous metals  | 56.0          | 55.1      | 55.1   | 46.7               | 45.9      | 45.8   |
| Rolling, drawing, and alloying of nonferrous metals   | 102.4         | 101.9     | 99.5   | 85.9               | 85.4      | 83.1   |
| Nonferrous foundries  | 104.9         | 100.7     | 96.0   | 89.5               | 85.4      | 81.7   |
| Other primary metal industries  | 137.3         | 136.2     | 133.9  | 115.2              | 114.0     | 111.7  |
| <b>FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE, MACHINERY, AND TRANSPORTATION EQUIPMENT)</b> | 1,012         | 994       | 972    | 850                | 837       | 814    |
| Tin cans and other tinware  | 51.4          | 55.3      | 55.8   | 45.7               | 49.8      | 50.2   |
| Cutlery, hand tools, and hardware   | 166.4         | 163.0     | 156.7  | 141.7              | 138.3     | 132.4  |
| Heating apparatus (except electric) and plumbers' supplies                                  | 164.0         | 164.3     | 158.8  | 137.3              | 137.3     | 131.9  |
| Fabricated structural metal products  | 217.0         | 209.8     | 210.3  | 171.5              | 165.8     | 165.1  |
| Metal stamping, coating, and engraving  | 185.0         | 182.9     | 179.3  | 161.0              | 159.1     | 155.8  |
| Other fabricated metal products   | 227.9         | 218.8     | 211.5  | 193.1              | 186.4     | 178.1  |
| <b>MACHINERY (EXCEPT ELECTRICAL)</b>  | 1,433         | 1,373     | 1,374  | 1,111              | 1,056     | 1,060  |
| Engines and turbines  | 73.1          | 70.2      | 74.8   | 55.2               | 52.2      | 56.6   |
| Agricultural machinery and tractors   | 168.0         | 145.3     | 179.5  | 129.1              | 107.1     | 140.0  |
| Construction and mining machinery   | 109.7         | 106.0     | 101.6  | 81.0               | 78.1      | 73.7   |
| Metalworking machinery  | 243.4         | 234.8     | 222.1  | 190.1              | 181.7     | 170.6  |
| Special-industry machinery (except metalworking machinery)                                  | 178.6         | 173.9     | 168.6  | 136.1              | 132.3     | 127.4  |
| General industrial machinery  | 202.7         | 197.4     | 191.7  | 146.6              | 141.8     | 136.9  |
| Office and store machines and devices   | 96.0          | 94.7      | 90.8   | 80.4               | 79.2      | 75.6   |
| Service-industry and household machines   | 182.8         | 179.5     | 178.6  | 148.7              | 146.0     | 145.3  |
| Miscellaneous machinery parts   | 178.3         | 171.3     | 166.3  | 144.1              | 137.8     | 133.4  |

See explanatory notes, sections A-G, and the glossary for definitions

TABLE 3: All Employees and Production Workers in Mining and Manufacturing Industries (Continued)

(In thousands)

| Industry group and industry   | All employees |           |        | Production workers |           |        |
|---|---------------|-----------|--------|--------------------|-----------|--------|
|   | 1950          |           |        | 1950               |           |        |
|   | October       | September | August | October            | September | August |
| <b>ELECTRICAL MACHINERY</b>   | 911           | 878       | 853    | 708                | 677       | 655    |
| Electrical generating, transmission, distribution, and industrial apparatus | 334.3         | 325.4     | 323.9  | 246.7              | 238.0     | 236.5  |
| Electrical equipment for vehicles   | 75.2          | 73.4      | 70.9   | 61.0               | 59.5      | 57.2   |
| Communication equipment   | 348.5         | 329.6     | 318.1  | 274.9              | 257.5     | 247.8  |
| Electrical appliances, lamps, and miscellaneous products                    | 153.4         | 149.6     | 139.6  | 125.5              | 122.2     | 113.1  |
| <b>TRANSPORTATION EQUIPMENT</b>   | 1,387         | 1,363     | 1,347  | 1,151              | 1,132     | 1,118  |
| Automobiles   | 923.6         | 912.0     | 907.9  | 795.3              | 786.5     | 780.9  |
| Aircraft and parts  | 299.2         | 285.1     | 272.8  | 219.4              | 208.8     | 199.0  |
| Aircraft  | 204.1         | 194.7     | 183.7  | 150.6              | 143.7     | 134.8  |
| Aircraft engines and parts  | 54.5          | 52.4      | 54.1   | 38.9               | 37.3      | 38.9   |
| Aircraft propellers and parts   | 8.5           | 8.2       | 7.5    | 5.7                | 5.5       | 4.9    |
| Other aircraft parts and equipment  | 32.1          | 29.8      | 27.5   | 24.2               | 22.3      | 20.4   |
| Ship and boat building and repairing  | 86.7          | 89.2      | 91.7   | 74.3               | 76.3      | 79.0   |
| Ship building and repairing   | 74.3          | 76.3      | 78.4   | 63.5               | 65.1      | 67.5   |
| Boat building and repairing   | 12.4          | 12.9      | 13.3   | 10.8               | 11.2      | 11.5   |
| Railroad equipment  | 64.0          | 63.0      | 61.8   | 50.1               | 49.3      | 48.2   |
| Other transportation equipment  | 13.5          | 13.2      | 12.9   | 11.7               | 11.5      | 11.0   |
| <b>INSTRUMENTS AND RELATED PRODUCTS</b>                                     | 270           | 264       | 252    | 204                | 198       | 187    |
| Ophthalmic goods  | 26.2          | 25.6      | 25.1   | 21.2               | 20.7      | 20.2   |
| Photographic apparatus  | 54.4          | 53.7      | 52.8   | 40.2               | 39.5      | 38.5   |
| Watches and clocks  | 32.8          | 31.6      | 28.0   | 28.1               | 27.0      | 23.4   |
| Professional and scientific instruments                                     | 156.6         | 152.8     | 146.0  | 114.5              | 111.1     | 105.3  |
| <b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>                               | 510           | 491       | 471    | 436                | 417       | 399    |
| Jewelry, silverware, and plated ware  | 58.1          | 57.1      | 55.4   | 48.1               | 47.1      | 45.5   |
| Toys and sporting goods   | 84.4          | 81.0      | 78.9   | 75.2               | 72.0      | 69.8   |
| Costume jewelry, buttons, notions   | 66.3          | 64.1      | 61.1   | 57.1               | 54.8      | 52.0   |
| Other miscellaneous manufacturing industries                                | 301.1         | 289.4     | 276.0  | 255.3              | 243.0     | 232.0  |

See explanatory notes, sections A-G, and the glossary for definitions.

TABLE 4: Indexes of Production-Worker Employment and Weekly Payrolls in Manufacturing Industries

(1939 Average = 100)

| Period                 | Production-worker<br>employment index | Production-worker<br>payroll index |
|------------------------|---------------------------------------|------------------------------------|
| <u>Annual average:</u> |                                       |                                    |
| 1939                   | 100.0                                 | 100.0                              |
| 1940                   | 107.5                                 | 113.6                              |
| 1941                   | 132.8                                 | 164.9                              |
| 1942                   | 156.9                                 | 241.5                              |
| 1943                   | 183.3                                 | 331.1                              |
| 1944                   | 178.3                                 | 343.7                              |
| 1945                   | 157.0                                 | 293.5                              |
| 1946                   | 147.8                                 | 271.7                              |
| 1947                   | 156.2                                 | 326.9                              |
| 1948                   | 155.2                                 | 351.4                              |
| 1949                   | 141.6                                 | 325.3                              |
| 1950                   |                                       |                                    |
| <u>1949</u>            |                                       |                                    |
| August                 | 141.1                                 | 323.0                              |
| September              | 143.7                                 | 335.1                              |
| October                | 138.8                                 | 320.9                              |
| November               | 137.8                                 | 313.9                              |
| December               | 140.4                                 | 329.3                              |
| <u>1950</u>            |                                       |                                    |
| January                | 139.8                                 | 329.2                              |
| February               | 139.9                                 | 330.0                              |
| March                  | 141.0                                 | 333.5                              |
| April                  | 141.6                                 | 337.2                              |
| May                    | 144.5                                 | 348.0                              |
| June                   | 147.3                                 | 362.7                              |
| July                   | 148.3                                 | 367.5                              |
| August                 | 156.3                                 | 394.4                              |
| September              | 158.9                                 | 403.4                              |
| October                | 160.3                                 | 415.8                              |
| November               |                                       |                                    |
| December               |                                       |                                    |

See explanatory notes, section D, and the glossary for definitions.

TABLE 5: Employees in the Shipbuilding and Repairing Industry, by Region <sup>1/</sup>

(In thousands)

| Region         | 1950    |           |        | 1949    |           |
|----------------|---------|-----------|--------|---------|-----------|
|                | October | September | August | October | September |
| ALL REGIONS    | 155.3   | 153.2     | 153.0  | 146.0   | 158.8     |
| PRIVATE        | 74.3    | 76.3      | 78.4   | 72.4    | 77.9      |
| NAVY           | 81.0    | 76.9      | 74.6   | 73.6    | 80.9      |
| NORTH ATLANTIC | 71.2    | 72.3      | 71.6   | 73.1    | 79.4      |
| Private        | 36.0    | 38.4      | 38.7   | 41.4    | 43.3      |
| Navy           | 35.2    | 33.9      | 32.9   | 31.7    | 36.1      |
| SOUTH ATLANTIC | 28.3    | 26.1      | 25.2   | 24.3    | 26.7      |
| Private        | 10.7    | 9.6       | 9.5    | 10.4    | 10.7      |
| Navy           | 17.6    | 16.5      | 15.7   | 13.9    | 16.0      |
| GULF:          |         |           |        |         |           |
| Private        | 13.0    | 12.9      | 14.4   | 9.3     | 11.4      |
| PACIFIC        | 35.9    | 35.2      | 35.5   | 34.4    | 36.7      |
| Private        | 7.7     | 8.7       | 9.5    | 6.4     | 7.9       |
| Navy           | 28.2    | 26.5      | 26.0   | 28.0    | 28.8      |
| GREAT LAKES:   |         |           |        |         |           |
| Private        | 2.6     | 2.4       | 2.1    | 2.6     | 2.3       |
| INLAND:        |         |           |        |         |           |
| Private        | 4.3     | 4.3       | 4.2    | 2.3     | 2.3       |

<sup>1/</sup> The North Atlantic region includes all yards bordering on the Atlantic in the following states: Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.

The South Atlantic region includes all yards bordering on the Atlantic in the following states: Georgia, Virginia, North Carolina, and South Carolina.

The Gulf region includes all yards bordering on the Gulf of Mexico in the following states: Alabama, Florida, Louisiana, Mississippi, and Texas.

The Pacific region includes all yards in California, Oregon, and Washington.

The Great Lakes region includes all yards bordering on the Great Lakes in the following states: Illinois, Michigan, Minnesota, New York, Ohio, Pennsylvania, and Wisconsin.

The Inland region includes all other yards.

TABLE 6: Federal Civilian Employment and Pay Rolls in All Areas and in Continental United States, and Total Civilian Government Employment and Pay Rolls in Washington, D. C. 1/

(In thousands)

| Area and branch                      | Employment<br>(as of first of month) |           |         | Pay rolls<br>(total for month) |           |           |
|--------------------------------------|--------------------------------------|-----------|---------|--------------------------------|-----------|-----------|
|                                      | 1950                                 |           |         | 1950                           |           |           |
|                                      | October                              | September | August  | October                        | September | August    |
| <u>All Areas</u>                     |                                      |           |         |                                |           |           |
| TOTAL FEDERAL                        | 2,117.4                              | 2,083.2   | 2,005.4 | \$635,527                      | \$601,454 | \$618,049 |
| Executive                            | 2,105.3                              | 2,071.4   | 1,993.4 | 630,679                        | 596,537   | 613,138   |
| Defense agencies                     | 932.3                                | 887.3     | 806.0   | 285,134                        | 261,527   | 259,451   |
| Post Office Department               | 483.8                                | 485.0     | 487.1   | 128,358                        | 128,764   | 130,361   |
| Other agencies                       | 689.2                                | 699.1     | 700.3   | 217,187                        | 206,246   | 223,326   |
| Legislative                          | 8.2                                  | 8.0       | 8.2     | 3,250                          | 3,200     | 3,277     |
| Judicial                             | 3.9                                  | 3.8       | 3.8     | 1,598                          | 1,717     | 1,634     |
| <u>Continental<br/>United States</u> |                                      |           |         |                                |           |           |
| TOTAL FEDERAL                        | 1,968.3                              | 1,935.9   | 1,861.0 | 593,894                        | 563,900   | 580,732   |
| Executive                            | 1,956.3                              | 1,924.1   | 1,849.1 | 589,096                        | 559,029   | 575,867   |
| Defense agencies                     | 828.3                                | 785.3     | 707.1   | 258,992                        | 237,332   | 235,435   |
| Post Office Department               | 482.0                                | 483.1     | 485.2   | 127,877                        | 128,278   | 129,870   |
| Other agencies                       | 646.0                                | 655.7     | 656.8   | 202,227                        | 193,419   | 210,562   |
| Legislative                          | 8.2                                  | 8.0       | 8.2     | 3,250                          | 3,200     | 3,277     |
| Judicial                             | 3.8                                  | 3.8       | 3.7     | 1,548                          | 1,671     | 1,588     |
| <u>Washington, D. C.</u>             |                                      |           |         |                                |           |           |
| TOTAL GOVERNMENT                     | 244.8                                | 243.7     | 240.7   | 87,193                         | 82,280    | 85,472    |
| D. C. government                     | 20.1                                 | 20.0      | 19.8    | 5,639                          | 5,347     | 4,514     |
| Federal                              | 224.7                                | 223.7     | 220.9   | 81,554                         | 76,933    | 80,958    |
| Executive                            | 215.8                                | 215.0     | 212.0   | 78,001                         | 73,415    | 77,372    |
| Defense agencies                     | 70.8                                 | 69.3      | 66.1    | 26,990                         | 24,951    | 24,459    |
| Post Office Department               | 7.5                                  | 7.6       | 7.7     | 2,885                          | 2,856     | 2,918     |
| Other agencies                       | 137.5                                | 138.1     | 138.2   | 48,126                         | 45,608    | 49,995    |
| Legislative                          | 8.2                                  | 8.0       | 8.2     | 3,250                          | 3,200     | 3,277     |
| Judicial                             | .7                                   | .7        | .7      | 303                            | 318       | 309       |

See the glossary for definitions.

1/ Data for Central Intelligence Agency are excluded.

TABLE 7: Employees in Nonagricultural Establishments by Industry Division,  
by State  
(In thousands)

| State             | Total   |         |         | Mining |       |      | Contract Construction |       |        |
|-------------------|---------|---------|---------|--------|-------|------|-----------------------|-------|--------|
|                   | 1950    |         | 1949    | 1950   |       | 1949 | 1950                  |       | 1949   |
|                   | Oct.    | Sept.   | Oct.    | Oct.   | Sept. | Oct. | Oct.                  | Sept. | Oct.   |
| Alabama           |         |         |         | 26.0   | 26.2  | 7.8  |                       |       |        |
| Arizona           | 158.8   | 157.0   | 150.6   | 12.9   | 12.9  | 12.6 | 11.9                  | 12.2  | 10.3   |
| Arkansas          | 304.5   | 302.2   | 280.6   | 6.9    | 6.9   | 6.3  | 19.5                  | 19.9  | 17.3   |
| California        | 3,369.3 | 3,360.2 | 3,146.1 | 33.8   | 34.0  | 33.2 | 247.0                 | 240.6 | 199.0  |
| Colorado          | 364.8   | 363.0   | 338.5   | 9.9    | 9.7   | 9.9  | 28.2                  | 27.3  | 23.0   |
| Connecticut       | 785.3   | 775.6   | 3,732.8 | 2/     | 2/    | 2/   | 38.9                  | 39.0  | 3/36.6 |
| Delaware*         |         |         |         |        |       |      |                       |       |        |
| Dist. of Col.     |         |         |         | 4/     | 4/    | 4/   |                       |       |        |
| Florida 1/        |         |         |         | 6.2    | 6.1   | 5.8  | 66.9                  | 66.4  | 52.4   |
| Georgia           | 817.1   | 806.2   | 764.4   | 4.2    | 4.2   | 4.4  | 49.5                  | 49.2  | 38.7   |
| Idaho             | 137.2   | 139.8   | 126.9   | 5.3    | 5.4   | 3.6  | 12.5                  | 15.3  | 10.1   |
| Illinois*         | N.A.    | N.A.    | 3,017.2 | N.A.   | N.A.  | 29.9 | N.A.                  | N.A.  | 123.9  |
| Indiana           | 1,255.5 | 1,273.3 | 1,113.3 | 14.0   | 14.1  | 6.8  | 58.6                  | 60.4  | 52.4   |
| Iowa 1/           | 601.0   | 599.5   | 595.7   | 3.7    | 3.4   | 3.5  | 34.3                  | 34.2  | 33.3   |
| Kansas 1/         | 475.8   | 474.1   | 448.9   | 17.1   | 17.3  | 17.1 | 36.1                  | 33.6  | 31.1   |
| Kentucky          |         |         |         | 64.8   | 65.7  | 40.7 |                       |       |        |
| Louisiana*        |         |         |         | 26.6   | 26.3  | 25.8 |                       |       |        |
| Maine             | 264.6   | 269.9   | 257.0   | .7     | .7    | .6   | 11.1                  | 10.9  | 10.2   |
| Maryland*         | 723.5   | 722.2   | 661.7   | 1.8    | 1.8   | 1.3  | 60.7                  | 59.2  | 51.1   |
| Massachusetts     | 1,709.6 | 1,684.7 | 1,641.5 | 4/     | 4/    | 4/   | 62.0                  | 64.0  | 57.3   |
| Michigan          |         |         |         |        |       |      |                       |       |        |
| Minnesota         | 819.7   | 825.1   | 770.0   | 17.5   | 18.1  | 3.9  | 47.4                  | 47.3  | 41.6   |
| Mississippi       |         |         |         |        |       |      |                       |       |        |
| Missouri          | 1,160.4 | 1,157.9 | 1,109.2 | 9.5    | 9.5   | 9.5  | 55.3                  | 55.0  | 46.6   |
| Montana           | 157.9   | 159.9   | 150.4   | 10.5   | 10.7  | 9.6  | 14.2                  | 15.4  | 10.9   |
| Nebraska          | N.A.    | 316.8   | 313.2   | 4/     | 4/    | 4/   | N.A.                  | 18.7  | 20.7   |
| Nevada 1/         | 56.0    | 57.5    | 51.2    | 3.3    | 3.2   | 2.5  | 5.3                   | 5.3   | 4.6    |
| New Hampshire     | 171.1   | 173.4   | 164.4   | .3     | .3    | .2   | 8.0                   | 8.1   | 8.0    |
| New Jersey        | 1,668.2 | 1,666.9 | 1,564.7 | 3.8    | 3.8   | 3.3  | 86.6                  | 83.3  | 74.7   |
| New Mexico        | 150.3   | 151.4   | 143.4   | 11.8   | 11.8  | 10.5 | 16.5                  | 17.3  | 16.6   |
| New York          | 5,774.1 | 5,726.0 | 5,553.3 | 11.2   | 11.4  | 10.5 | 250.6                 | 250.7 | 226.3  |
| North Carolina    |         |         |         | 3.6    | 3.7   | 2.9  |                       |       |        |
| North Dakota      | 116.9   | 117.1   | 114.0   | 1.0    | .9    | .9   | 10.9                  | 10.8  | 9.8    |
| Ohio              |         |         |         |        |       |      |                       |       |        |
| Oklahoma 1/       | 484.6   | 483.6   | 464.4   | 43.9   | 43.9  | 41.2 | 34.2                  | 35.1  | 33.3   |
| Oregon            | 448.0   | 459.7   | 424.3   | 1.4    | 1.5   | 1.6  | 29.1                  | 33.1  | 24.6   |
| Pennsylvania      | 3,677.9 | 3,674.4 | 3,189.6 | 188.5  | 190.5 | 99.8 | 170.3                 | 173.7 | 156.9  |
| Rhode Island      | 301.5   | 298.0   | 282.5   | 4/     | 4/    | 4/   | 13.9                  | 14.2  | 14.6   |
| South Carolina 1/ | 461.5   | 458.6   | 435.0   | 1.0    | 1.0   | 1.1  | 26.4                  | 26.1  | 21.0   |
| South Dakota      | 120.7   | 121.7   | 120.8   | 2.3    | 2.4   | 2.5  | 8.9                   | 9.8   | 9.3    |
| Tennessee         | 728.8   | 731.6   | 703.0   | 12.0   | 11.8  | 8.7  | 41.8                  | 42.6  | 40.0   |
| Texas             |         |         |         | 102.1  | 103.6 | 99.1 |                       |       |        |
| Utah              | 197.2   | 199.5   | 183.9   | 13.1   | 13.0  | 12.1 | 15.0                  | 15.0  | 12.5   |
| Vermont           | 98.2    | 98.2    | 95.7    | 1.0    | 1.0   | 1.0  | 4.6                   | 4.8   | 4.9    |
| Virginia          |         |         |         | 23.1   | 23.6  | 7.6  |                       |       |        |
| Washington        | 712.6   | 708.4   | 666.3   | 3.0    | 3.0   | 3.4  | 49.3                  | 51.6  | 41.2   |
| West Virginia     | 533.3   | 531.9   | 403.7   | 128.2  | 127.8 | 31.6 | 21.9                  | 21.9  | 18.3   |
| Wisconsin         | 1,040.3 | 1,048.2 | 975.1   | 3.6    | 3.7   | 2.6  | 45.8                  | 46.3  | 43.2   |
| Wyoming           | 82.8    | 84.1    | 80.8    | 9.1    | 9.1   | 9.2  | 6.2                   | 6.4   | 8.3    |

See footnotes at end of table and explanatory notes, sections G and H.

TABLE 7: Employees in Nonagricultural Establishments by Industry Division,  
by State  
(In thousands)

| State          | Manufacturing |         |         | Trans. & pub. ut. |       |        | Trade   |         |         |
|----------------|---------------|---------|---------|-------------------|-------|--------|---------|---------|---------|
|                | 1950          |         | 1949    | 1950              |       | 1949   | 1950    |         | 1949    |
|                | Oct.          | Sept.   | Oct.    | Oct.              | Sept. | Oct.   | Oct.    | Sept.   | Oct.    |
| Alabama        | 222.3         | 223.3   | 186.0   | 51.7              | 51.5  | N.A.   | 120.4   | 119.9   | N.A.    |
| Arizona        | 16.9          | 16.0    | 14.7    | 21.6              | 21.1  | 20.9   | 37.8    | 37.5    | 37.0    |
| Arkansas       | 79.1          | 78.7    | 69.3    | 32.9              | 32.2  | 25.2   | 71.3    | 71.0    | 70.3    |
| California     | 838.3         | 843.3   | 730.1   | 313.9             | 313.6 | 304.4  | 812.6   | 812.5   | 783.1   |
| Colorado       | 64.6          | 62.1    | 53.0    | 43.9              | 43.9  | 40.4   | 95.3    | 95.3    | 92.2    |
| Connecticut    | 395.2         | 387.3   | 3/349.9 | 41.6              | 41.5  | 3/42.0 | 128.8   | 126.4   | 3/125.9 |
| Delaware       | 46.9          | 51.1    | 42.8    |                   |       |        |         |         |         |
| Dist. of Col.  | 15.8          | 15.7    | 16.3    | 29.5              | 29.4  | 29.8   | 91.3    | 89.8    | 93.5    |
| Florida        | 94.1          | 91.7    | 87.8    | 64.6              | 64.4  | 63.8   |         |         |         |
| Georgia        | 294.5         | 291.2   | 267.6   | 70.1              | 69.4  | 65.5   | 175.1   | 170.8   | 169.5   |
| Idaho          | 24.4          | 25.4    | 21.5    | 17.4              | 17.7  | 15.9   | 35.5    | 34.3    | 34.4    |
| Illinois       | N.A.          | N.A.    | 1,095.9 | N.A.              | N.A.  | 284.1  | N.A.    | N.A.    | 645.0   |
| Indiana        | 574.8         | 593.7   | 476.7   | 111.7             | 112.0 | 97.1   | 239.3   | 237.7   | 230.0   |
| Iowa           | 149.4         | 147.7   | 150.2   | 63.8              | 64.2  | 59.8   | 165.7   | 164.7   | 166.4   |
| Kansas         | 98.2          | 96.4    | 87.9    | 63.3              | 63.4  | 57.6   | 118.5   | 120.2   | 117.1   |
| Kentucky       | 143.8         | 139.0   | 127.0   | 58.2              | 57.3  | 54.2   | 113.4   | 112.1   | 108.8   |
| Louisiana      | 143.0         | 141.9   | 136.7   | 78.3              | 78.4  | 75.7   | 138.0   | 137.4   | 139.9   |
| Maine          | 113.7         | 116.8   | 106.3   | 18.8              | 19.2  | 18.6   | 50.3    | 50.7    | 49.9    |
| Maryland       | 226.4         | 227.5   | 192.0   | 75.3              | 74.9  | 67.3   | 126.3   | 124.3   | 122.3   |
| Massachusetts  | 709.9         | 680.6   | 647.3   | 137.1             | 138.6 | 135.4  | 314.5   | 315.2   | 321.1   |
| Michigan       | 1,173.6       | 1,150.7 | 986.9   |                   |       |        |         |         |         |
| Minnesota      | 204.7         | 213.2   | 185.0   | 92.7              | 93.5  | 86.9   | 213.2   | 211.0   | 210.7   |
| Mississippi    | 90.0          | 89.9    | 78.0    |                   |       |        |         |         |         |
| Missouri       | 357.6         | 355.7   | 330.1   | 125.3             | 124.8 | 112.3  | 295.3   | 294.0   | 294.1   |
| Montana        | 20.8          | 20.1    | 19.8    | 23.5              | 23.8  | 21.8   | 37.4    | 37.7    | 38.0    |
| Nebraska       | N.A.          | 50.4    | 49.6    | N.A.              | 42.6  | 38.3   | N.A.    | 90.2    | 91.0    |
| Nevada         | 3.3           | 3.4     | 3.1     | 8.7               | 8.8   | 8.1    | 11.3    | 11.9    | 10.8    |
| New Hampshire  | 79.7          | 80.2    | 74.6    | 10.5              | 10.6  | 10.4   | 29.7    | 29.8    | 28.8    |
| New Jersey     | 764.7         | 761.1   | 700.2   | 137.6             | 137.7 | 129.9  | 276.0   | 277.1   | 270.4   |
| New Mexico     | 12.2          | 12.2    | 11.5    | 16.3              | 16.1  | 14.8   | 34.4    | 34.6    | 32.5    |
| New York       | 1,947.9       | 1,905.6 | 1,801.3 | 507.0             | 506.4 | 497.3  | 1,238.4 | 1,224.5 | 1,227.9 |
| North Carolina | 432.2         | 432.3   | 399.9   | 52.4              | 52.8  | 51.4   | 164.0   | 161.5   | 163.7   |
| North Dakota   | 6.3           | 6.2     | 6.1     | 14.3              | 14.4  | 13.9   | 37.3    | 37.5    | 37.9    |
| Ohio           | 1,253.3       | 1,239.3 | 1,027.0 |                   |       |        |         |         |         |
| Oklahoma       | 68.4          | 67.8    | 62.8    | 50.3              | 50.2  | 48.7   | 122.7   | 123.0   | 118.7   |
| Oregon         | 142.0         | 146.4   | 129.8   | 48.5              | 49.4  | 45.7   | 103.4   | 104.3   | 100.6   |
| Pennsylvania   | 1,483.4       | 1,469.7 | 1,176.5 | 344.8             | 345.7 | 299.5  | 680.6   | 674.3   | 657.8   |
| Rhode Island   | 152.8         | 149.3   | 135.8   | 16.3              | 16.3  | 16.8   | 52.0    | 51.2    | 50.9    |
| South Carolina | 216.0         | 215.5   | 201.6   | 25.6              | 25.0  | 25.2   | 85.6    | 84.7    | 81.7    |
| South Dakota   | 11.4          | 11.4    | 11.5    | 11.4              | 11.7  | 11.0   | 36.8    | 37.0    | 38.4    |
| Tennessee      | 256.2         | 257.2   | 240.8   | 57.3              | 56.8  | 54.9   | 156.0   | 155.5   | 157.4   |
| Texas          | 363.2         | 358.9   | 333.9   | 229.0             | 230.7 | 221.3  | 524.6   | 523.4   | 503.5   |
| Utah           | 32.1          | 33.8    | 27.7    | 22.4              | 22.6  | 20.8   | 43.9    | 44.6    | 43.1    |
| Vermont        | 37.1          | 36.5    | 35.0    | 9.4               | 9.4   | 9.2    | 17.8    | 17.9    | 17.9    |
| Virginia       | 240.7         | 237.8   | 223.8   | 81.4              | 80.0  | 73.4   | 172.4   | 167.4   | 165.9   |
| Washington     | 190.7         | 189.8   | 172.6   | 65.5              | 65.6  | 63.0   | 164.5   | 158.3   | 160.5   |
| West Virginia  | 139.1         | 136.1   | 121.0   | 52.9              | 52.7  | 45.6   | 85.8    | 86.0    | 82.9    |
| Wisconsin      | 445.4         | 453.3   | 398.2   | 77.2              | 77.5  | 75.0   | 210.2   | 209.6   | 209.8   |
| Wyoming        | 7.3           | 6.7     | 7.2     | 16.1              | 16.3  | 14.3   | 17.3    | 17.8    | 16.9    |

See footnotes at end of table and explanatory notes, sections G and H.



TABLE 7: Employees in Nonagricultural Establishments by Industry Division,  
by State  
(In thousands)

| State          | Finance |       |        | Service |       |        | Government |       |       |
|----------------|---------|-------|--------|---------|-------|--------|------------|-------|-------|
|                | 1950    |       | 1949   | 1950    |       | 1949   | 1950       |       | 1949  |
|                | Oct.    | Sept. | Oct.   | Oct.    | Sept. | Oct.   | Oct.       | Sept. | Oct.  |
| Alabama        | 18.1    | 18.0  | 16.4   | 51.2    | 52.2  | 51.1   | 101.3      | 100.1 | 95.9  |
| Arizona        | 4.7     | 4.7   | 4.5    | 19.5    | 19.1  | 18.7   | 33.5       | 33.5  | 31.9  |
| Arkansas       | 7.9     | 8.0   | 7.4    | 35.2    | 35.3  | 34.4   | 51.7       | 50.2  | 50.4  |
| California     | 145.3   | 144.7 | 140.6  | 438.3   | 439.7 | 432.1  | 540.1      | 531.8 | 523.6 |
| Colorado       | 13.6    | 14.8  | 12.7   | 43.7    | 45.5  | 45.1   | 65.6       | 64.4  | 62.4  |
| Connecticut    | 37.1    | 37.2  | 3/36.7 | 77.5    | 77.9  | 3/76.9 | 66.2       | 66.3  | 64.9  |
| Delaware       |         |       |        |         |       |        | 10.4       | 10.1  | 9.8   |
| Dist. of Col.  | 22.6    | 23.1  | 21.3   | 58.3    | 58.6  | 58.9   | 244.6      | 243.5 | 240.8 |
| Florida        | 30.7    | 30.7  | 26.1   |         |       |        | 115.2      | 116.3 | 114.0 |
| Georgia        | 24.6    | 24.5  | 23.9   | 77.8    | 77.8  | 78.8   | 121.3      | 119.1 | 116.0 |
| Idaho          | 3.8     | 3.6   | 3.5    | 14.8    | 14.6  | 14.2   | 23.5       | 23.6  | 23.7  |
| Illinois       | N.A.    | N.A.  | 155.9  | N.A.    | N.A.  | 355.8  | N.A.       | N.A.  | 326.7 |
| Indiana        | 34.2    | 34.6  | 33.1   | 90.0    | 90.6  | 90.1   | 132.8      | 130.4 | 127.2 |
| Iowa           | 23.1    | 23.3  | 22.9   | 66.0    | 67.2  | 66.5   | 95.1       | 95.0  | 93.3  |
| Kansas         | 16.1    | 16.3  | 14.4   | 47.4    | 48.0  | 47.0   | 79.1       | 78.9  | 76.7  |
| Kentucky       | 14.6    | 14.8  | 14.3   | 55.8    | 54.8  | 55.5   | 82.5       | 80.5  | 78.0  |
| Louisiana      | 17.5    | 17.6  | 17.4   | 62.9    | 63.4  | 62.9   | 92.5       | 92.4  | 93.0  |
| Maine          | 6.8     | 6.8   | 6.7    | 24.4    | 25.6  | 24.8   | 38.8       | 39.2  | 39.9  |
| Maryland       | 31.1    | 31.0  | 29.8   | 107.0   | 107.3 | 105.7  | 94.9       | 96.2  | 92.2  |
| Massachusetts  | 78.9    | 78.6  | 76.6   | 198.4   | 196.8 | 199.4  | 208.8      | 210.9 | 204.4 |
| Michigan       |         |       |        |         |       |        | 223.0      | 223.3 | 215.8 |
| Minnesota      | 36.1    | 36.2  | 34.8   | 96.9    | 96.6  | 96.0   | 111.1      | 109.2 | 111.1 |
| Mississippi    |         |       |        |         |       |        | 62.7       | 63.7  | 62.8  |
| Missouri       | 51.2    | 51.2  | 50.8   | 126.3   | 126.0 | 128.2  | 139.9      | 141.7 | 137.6 |
| Montana        | 3.9     | 3.9   | 3.7    | 19.7    | 20.4  | 19.3   | 27.9       | 27.9  | 27.3  |
| Nebraska       | N.A.    | 16.2  | 15.4   | N.A.    | 38.3  | 38.9   | N.A.       | 60.3  | 59.3  |
| Nevada         | 1.2     | 1.2   | 1.1    | 11.9    | 12.8  | 10.9   | 11.1       | 10.9  | 10.4  |
| New Hampshire  | 4.5     | 4.5   | 4.4    | 18.7    | 20.2  | 18.2   | 19.7       | 19.9  | 19.7  |
| New Jersey     | 57.9    | 58.7  | 57.3   | 166.3   | 169.9 | 162.1  | 175.3      | 175.3 | 166.8 |
| New Mexico     | 4.5     | 4.7   | 3.9    | 21.9    | 21.9  | 22.3   | 33.0       | 33.0  | 31.4  |
| New York       | 383.2   | 384.3 | 381.8  | 773.5   | 772.5 | 755.5  | 662.4      | 670.6 | 652.8 |
| North Carolina | 19.5    | 19.8  | 19.6   |         |       |        | 104.8      | 104.8 | 103.9 |
| North Dakota   | 4.2     | 4.1   | 3.6    | 13.8    | 13.8  | 13.1   | 29.1       | 29.4  | 28.7  |
| Ohio           |         |       |        |         |       |        | 297.8      | 296.5 | 286.7 |
| Oklahoma       | 17.8    | 17.8  | 16.2   | 51.3    | 51.4  | 52.4   | 96.0       | 94.4  | 91.1  |
| Oregon         | 14.4    | 14.5  | 13.8   | 46.4    | 47.0  | 46.1   | 62.8       | 63.5  | 62.1  |
| Pennsylvania   | 116.5   | 116.8 | 114.6  | 351.2   | 357.9 | 346.7  | 342.6      | 345.8 | 337.9 |
| Rhode Island   | 10.8    | 10.7  | 10.1   | 25.0    | 25.3  | 27.2   | 30.7       | 31.0  | 29.9  |
| South Carolina | 8.5     | 8.7   | 7.6    | 35.1    | 35.1  | 34.7   | 63.3       | 61.5  | 62.1  |
| South Dakota   | 4.0     | 4.1   | 3.9    | 14.3    | 14.2  | 13.9   | 31.7       | 31.3  | 30.3  |
| Tennessee      | 22.6    | 22.6  | 21.7   | 76.7    | 77.6  | 76.0   | 106.2      | 107.5 | 103.5 |
| Texas          | 70.8    | 70.4  | 66.2   | 234.4   | 236.3 | 232.2  | 277.7      | 276.4 | 269.0 |
| Utah           | 6.2     | 6.2   | 5.8    | 17.9    | 19.1  | 17.9   | 46.6       | 45.2  | 44.1  |
| Vermont        | 2.9     | 2.9   | 2.8    | 10.4    | 10.6  | 10.4   | 15.0       | 15.0  | 14.6  |
| Virginia       | 25.8    | 25.7  | 24.7   |         |       |        | 139.8      | 138.2 | 135.3 |
| Washington     | 26.0    | 26.6  | 24.7   | 77.5    | 80.0  | 76.8   | 136.2      | 133.7 | 124.3 |
| West Virginia  | 9.6     | 9.7   | 9.2    | 39.6    | 40.2  | 38.5   | 56.3       | 57.6  | 56.6  |
| Wisconsin      | 31.5    | 31.5  | 30.6   | 100.4   | 101.5 | 94.2   | 125.2      | 124.7 | 121.5 |
| Wyoming        | 1.7     | 1.7   | 1.7    | 10.4    | 11.4  | 8.8    | 14.7       | 14.7  | 14.4  |

See footnotes at end of table and explanatory notes, sections G and H.

TABLE 7: Employees in Nonagricultural Establishments, by Industry Division,  
by State

See explanatory notes, sections G and H.

\* The manufacturing series for these States are based on the 1942 Social Security Board Classification (others are on the 1945 Standard Industrial Classification).

1/ Revised series; not strictly comparable with previously published data.

2/ Mining combined with contract construction.

3/ Not comparable with current data.

4/ Mining combined with service.

N.A. - Not available.

TABLE 8: Employees in Nonagricultural Establishments by Industry Division, Selected Areas  
(In thousands)

|                              | Number of Employees |       |       |                              | Number of Employees |       |       |
|------------------------------|---------------------|-------|-------|------------------------------|---------------------|-------|-------|
|                              | 1950                |       | 1949  |                              | 1950                |       | 1949  |
|                              | Oct.                | Sept. | Oct.  |                              | Oct.                | Sept. | Oct.  |
| <b>ARIZONA</b>               |                     |       |       | <b>CONNECTICUT (Cont'd.)</b> |                     |       |       |
| <u>Phoenix</u>               |                     |       |       | <u>New Britain (Cont'd.)</u> |                     |       |       |
| Mining                       | .1                  | .2    | N.A.  | Finance                      | .5                  | .5    | N.A.  |
| Manufacturing                | 10.1                | 9.6   | N.A.  | Service                      | 1.2                 | 1.2   | N.A.  |
| Trans. & Pub. Ut. 1/         | 7.0                 | 6.9   | N.A.  |                              |                     |       |       |
| Trade                        | 20.1                | 19.7  | N.A.  | <u>New Haven</u>             |                     |       |       |
| Finance                      | 3.2                 | 3.1   | N.A.  | Cont. Const. 2/              | 5.2                 | 5.9   | N.A.  |
| Service                      | 9.5                 | 9.0   | N.A.  | Manufacturing                | 43.8                | 43.0  | N.A.  |
|                              |                     |       |       | Trans. & Pub. Ut.            | 13.1                | 13.1  | N.A.  |
| <u>Tucson</u>                |                     |       |       | Trade                        | 20.4                | 20.7  | N.A.  |
| Mining                       | 1.5                 | 1.5   | N.A.  | Finance                      | 4.7                 | 4.7   | N.A.  |
| Manufacturing                | 1.8                 | 1.7   | N.A.  | Service                      | 8.5                 | 8.6   | N.A.  |
| Trans. & Pub. Ut. 1/         | 1.8                 | 1.7   | N.A.  |                              |                     |       |       |
| Trade                        | 8.1                 | 8.0   | N.A.  | <u>Waterbury</u>             |                     |       |       |
| Finance                      | .9                  | .9    | N.A.  | Cont. Const. 2/              | 2.0                 | 2.0   | N.A.  |
| Service                      | 5.1                 | 4.6   | N.A.  | Manufacturing                | 42.6                | 41.5  | N.A.  |
|                              |                     |       |       | Trans. & Pub. Ut.            | 2.5                 | 2.5   | N.A.  |
| <b>ARKANSAS</b>              |                     |       |       | Trade                        | 8.5                 | 8.5   | N.A.  |
| <u>Little Rock</u>           |                     |       |       | Finance                      | 1.0                 | 1.0   | N.A.  |
| Total                        | 65.1                | 65.2  | 61.7  | Service                      | 2.6                 | 2.5   | N.A.  |
| Cont. Const.                 | 6.3                 | 6.8   | 5.4   |                              |                     |       |       |
| Manufacturing                | 11.6                | 11.5  | 11.1  | <b>FLORIDA</b>               |                     |       |       |
| Trans. & Pub. Ut.            | 6.8                 | 6.8   | 6.5   | <u>Jacksonville</u>          |                     |       |       |
| Trade                        | 18.0                | 17.8  | 16.9  | Manufacturing                | 15.9                | 15.5  | 13.7  |
| Finance                      | 3.5                 | 3.5   | 3.2   | Trans. & Pub. Ut.            | 14.2                | 14.0  | 13.9  |
| Service 2/                   | 8.5                 | 8.4   | 8.1   | Trade                        | 30.4                | 30.2  | 29.9  |
| Government                   | 10.6                | 10.5  | 10.7  | Finance                      | 5.9                 | 5.9   | 5.3   |
|                              |                     |       |       | Service 2/                   | 11.4                | 11.4  | 11.2  |
| <b>CALIFORNIA</b>            |                     |       |       | Government                   | 13.0                | 13.0  | 12.6  |
| <u>Los Angeles</u>           |                     |       |       |                              |                     |       |       |
| Manufacturing                | 455.8               | 443.1 | 390.8 | <u>Miami</u>                 |                     |       |       |
|                              |                     |       |       | Manufacturing                | 14.9                | 13.8  | 12.2  |
| <u>San Diego</u>             |                     |       |       | Trans. & Pub. Ut.            | 20.2                | 20.0  | 20.4  |
| Manufacturing                | 27.5                | 27.9  | 22.9  | Trade                        | 48.7                | 47.6  | 42.4  |
|                              |                     |       |       | Finance                      | 8.7                 | 8.6   | 7.3   |
| <u>San Francisco-Oakland</u> |                     |       |       | Service 2/                   | 24.9                | 24.5  | 24.0  |
| Manufacturing                | 177.0               | 182.8 | 157.0 | Government                   | 16.5                | 16.5  | 17.2  |
|                              |                     |       |       |                              |                     |       |       |
| <u>San Jose</u>              |                     |       |       | <b>GEORGIA</b>               |                     |       |       |
| Manufacturing                | 26.0                | 33.2  | 24.1  | <u>Atlanta</u>               |                     |       |       |
|                              |                     |       |       | Manufacturing                | 63.2                | 62.9  | 59.3  |
| <b>CONNECTICUT</b>           |                     |       |       |                              |                     |       |       |
| <u>Bridgeport</u>            |                     |       |       | <u>Savannah</u>              |                     |       |       |
| Cont. Const. 2/              | 4.4                 | 4.3   | N.A.  | Manufacturing                | 13.7                | 13.5  | 12.0  |
| Manufacturing                | 61.4                | 59.7  | N.A.  |                              |                     |       |       |
| Trans. & Pub. Ut.            | 5.0                 | 5.1   | N.A.  | <b>INDIANA</b>               |                     |       |       |
| Trade                        | 17.0                | 17.0  | N.A.  | <u>Indianapolis</u>          |                     |       |       |
| Finance                      | 2.1                 | 2.1   | N.A.  | Total                        | 259.0               | 258.9 | 238.1 |
| Service                      | 5.7                 | 5.6   | N.A.  | Cont. Const.                 | 14.3                | 14.6  | 11.9  |
|                              |                     |       |       | Manufacturing                | 101.8               | 101.3 | 86.5  |
| <u>Hartford</u>              |                     |       |       | Trans. & Pub. Ut.            | 25.0                | 24.9  | 22.6  |
| Cont. Const. 2/              | 8.0                 | 8.1   | N.A.  | Trade                        | 59.8                | 59.5  | 58.6  |
| Manufacturing                | 66.8                | 64.8  | N.A.  | Finance                      | 13.2                | 13.4  | 12.8  |
| Trans. & Pub. Ut.            | 6.9                 | 6.9   | N.A.  | Other Nonmfg. 3/             | 44.8                | 45.2  | 45.8  |
| Trade                        | 36.1                | 35.9  | N.A.  |                              |                     |       |       |
| Finance                      | 23.2                | 23.3  | N.A.  | <b>IOWA</b>                  |                     |       |       |
| Service                      | 10.5                | 10.4  | N.A.  | <u>Des Moines</u>            |                     |       |       |
|                              |                     |       |       | Manufacturing                | 17.9                | 17.6  | 18.9  |
| <u>New Britain</u>           |                     |       |       |                              |                     |       |       |
| Cont. Const. 2/              | 1.0                 | 1.0   | N.A.  | <b>KANSAS</b>                |                     |       |       |
| Manufacturing                | 27.2                | 26.9  | N.A.  | <u>Topeka</u>                |                     |       |       |
| Trans. & Pub. Ut.            | 1.2                 | 1.2   | N.A.  | Total                        | 38.3                | 38.4  | 38.4  |
| Trade                        | 4.6                 | 4.4   | N.A.  | Mining                       | .1                  | .1    | .1    |

See footnotes at end of table and explanatory notes, sections G, H, and I.

TABLE 8: Employees in Nonagricultural Establishments by Industry Division, Selected Areas  
(In thousands)

|  | Number of Employees |       |       |  | Number of Employees |       |      |
|--|---------------------|-------|-------|--|---------------------|-------|------|
|  | 1950                |       | 1949  |  | 1950                |       | 1949 |
|  | Oct.                | Sept. | Oct.  |  | Oct.                | Sept. | Oct. |
| <b>KANSAS (Cont'd.)</b>                            |                     |       |       |  |                     |       |      |
| <u>Topeka (Cont'd.)</u>                            |                     |       |       |  |                     |       |      |
| Cont. Const.                                       | 2.0                 | 1.8   | 1.9   |  |                     |       |      |
| Manufacturing                                      | 6.1                 | 6.1   | 6.3   |  |                     |       |      |
| Trans. & Pub. Ut.                                  | 6.9                 | 7.0   | 7.0   |  |                     |       |      |
| Trade  | 8.5                 | 8.5   | 8.4   |  |                     |       |      |
| Finance  | 2.0                 | 2.0   | 1.9   |  |                     |       |      |
| Service  | 4.2                 | 4.3   | 4.3   |  |                     |       |      |
| Government   | 8.7                 | 8.7   | 8.7   |  |                     |       |      |
| <u>Wichita</u>                                     |                     |       |       |  |                     |       |      |
| Total  | 85.0                | 83.7  | 75.7  |  |                     |       |      |
| Mining   | 1.3                 | 1.3   | 1.3   |  |                     |       |      |
| Cont. Const.                                       | 5.2                 | 5.1   | 5.0   |  |                     |       |      |
| Manufacturing                                      | 29.6                | 28.3  | 23.3  |  |                     |       |      |
| Trans. & Pub. Ut.                                  | 6.9                 | 6.9   | 6.7   |  |                     |       |      |
| Trade  | 22.7                | 22.6  | 20.9  |  |                     |       |      |
| Finance  | 3.7                 | 3.7   | 3.5   |  |                     |       |      |
| Service  | 6.8                 | 6.8   | 6.6   |  |                     |       |      |
| Government   | 7.1                 | 7.1   | 6.6   |  |                     |       |      |
| <b>LOUISIANA</b>                                   |                     |       |       |  |                     |       |      |
| <u>New Orleans</u>                                 |                     |       |       |  |                     |       |      |
| Manufacturing                                      | 51.9                | 51.7  | 48.1  |  |                     |       |      |
| <b>MAINE</b>                                       |                     |       |       |  |                     |       |      |
| <u>Portland</u>                                    |                     |       |       |  |                     |       |      |
| Total  | 47.5                | 46.0  | 45.8  |  |                     |       |      |
| Cont. Const.                                       | 2.5                 | 2.5   | 2.3   |  |                     |       |      |
| Manufacturing                                      | 12.7                | 13.1  | 12.2  |  |                     |       |      |
| Trans. & Pub. Ut.                                  | 5.6                 | 5.7   | 5.5   |  |                     |       |      |
| Trade  | 13.3                | 13.2  | 12.5  |  |                     |       |      |
| Finance  | 2.4                 | 2.4   | 2.3   |  |                     |       |      |
| Service 2/   | 7.7                 | 7.8   | 7.7   |  |                     |       |      |
| Government   | 3.3                 | 3.3   | 3.3   |  |                     |       |      |
| <b>MINNESOTA</b>                                   |                     |       |       |  |                     |       |      |
| <u>Duluth</u>                                      |                     |       |       |  |                     |       |      |
| Total  | 42.9                | 43.0  | 37.0  |  |                     |       |      |
| Cont. Const.                                       | 2.6                 | 2.6   | 2.1   |  |                     |       |      |
| Manufacturing                                      | 11.7                | 11.7  | 7.8   |  |                     |       |      |
| Trans. & Pub. Ut.                                  | 7.2                 | 7.2   | 6.1   |  |                     |       |      |
| Trade  | 10.6                | 10.7  | 10.4  |  |                     |       |      |
| Finance  | 1.4                 | 1.4   | 1.4   |  |                     |       |      |
| Service 2/   | 5.1                 | 5.1   | 5.1   |  |                     |       |      |
| Government   | 4.2                 | 4.2   | 4.1   |  |                     |       |      |
| <u>Minneapolis</u>                                 |                     |       |       |  |                     |       |      |
| Total  | 260.0               | 257.4 | 248.0 |  |                     |       |      |
| Cont. Const.                                       | 17.0                | 16.4  | 13.7  |  |                     |       |      |
| Manufacturing                                      | 71.6                | 70.8  | 63.8  |  |                     |       |      |
| Trans. & Pub. Ut.                                  | 25.8                | 25.9  | 26.1  |  |                     |       |      |
| Trade  | 77.6                | 77.0  | 76.6  |  |                     |       |      |
| Finance  | 16.5                | 16.4  | 15.7  |  |                     |       |      |
| Service 2/   | 28.9                | 28.6  | 28.3  |  |                     |       |      |
| Government   | 22.8                | 22.3  | 23.7  |  |                     |       |      |
| <u>St. Paul</u>                                    |                     |       |       |  |                     |       |      |
| Total  | 146.6               | 145.5 | 137.8 |  |                     |       |      |
| Cont. Const.                                       | 8.4                 | 8.5   | 7.5   |  |                     |       |      |
| Manufacturing                                      | 43.1                | 43.3  | 38.3  |  |                     |       |      |
| Trans. & Pub. Ut.                                  | 20.1                | 20.1  | 19.6  |  |                     |       |      |
| Trade  | 36.2                | 35.4  | 34.5  |  |                     |       |      |
| Finance  | 8.3                 | 8.5   | 8.2   |  |                     |       |      |
| <b>MINNESOTA (Cont'd.)</b>                         |                     |       |       |  |                     |       |      |
| <u>St. Paul (Cont'd.)</u>                          |                     |       |       |  |                     |       |      |
| Service 2/   | 14.4                | 14.0  | 13.9  |  |                     |       |      |
| Government   | 16.0                | 15.8  | 15.8  |  |                     |       |      |
| <b>MISSOURI</b>                                    |                     |       |       |  |                     |       |      |
| <u>Kansas City (including Kansas City, Kansas)</u> |                     |       |       |  |                     |       |      |
| Total  | 327.1               | 325.7 | 312.1 |  |                     |       |      |
| Mining   | .9                  | .9    | .8    |  |                     |       |      |
| Cont. Const.                                       | 18.3                | 18.0  | 15.6  |  |                     |       |      |
| Manufacturing                                      | 94.5                | 93.5  | 85.7  |  |                     |       |      |
| Trans. & Pub. Ut.                                  | 39.7                | 39.7  | 39.5  |  |                     |       |      |
| Trade  | 93.9                | 93.3  | 91.7  |  |                     |       |      |
| Finance  | 18.3                | 18.2  | 18.1  |  |                     |       |      |
| Service  | 40.8                | 41.3  | 40.3  |  |                     |       |      |
| Government   | 20.7                | 20.0  | 20.4  |  |                     |       |      |
| <u>St. Louis</u>                                   |                     |       |       |  |                     |       |      |
| Manufacturing                                      | 207.9               | 206.7 | 193.3 |  |                     |       |      |
| <b>NEVADA</b>                                      |                     |       |       |  |                     |       |      |
| <u>Reno</u>  |                     |       |       |  |                     |       |      |
| Mining   | N.A.                | .3    | .2    |  |                     |       |      |
| Cont. Const.                                       | N.A.                | 2.2   | 1.5   |  |                     |       |      |
| Manufacturing                                      | N.A.                | 1.5   | 1.4   |  |                     |       |      |
| Trans. & Pub. Ut. 1/                               | N.A.                | 1.1   | 1.1   |  |                     |       |      |
| Trade  | N.A.                | 5.5   | 5.2   |  |                     |       |      |
| Finance  | N.A.                | .8    | .8    |  |                     |       |      |
| Service  | N.A.                | 5.5   | 5.3   |  |                     |       |      |
| <b>NEW HAMPSHIRE</b>                               |                     |       |       |  |                     |       |      |
| <u>Manchester</u>                                  |                     |       |       |  |                     |       |      |
| Manufacturing                                      | 19.7                | 20.8  | 18.7  |  |                     |       |      |
| <b>NEW JERSEY</b>                                  |                     |       |       |  |                     |       |      |
| <u>Newark</u>                                      |                     |       |       |  |                     |       |      |
| Manufacturing                                      | 362.8               | 358.9 | 328.4 |  |                     |       |      |
| <u>Trenton</u>                                     |                     |       |       |  |                     |       |      |
| Manufacturing                                      | 44.9                | 42.8  | 41.1  |  |                     |       |      |
| <b>NEW MEXICO</b>                                  |                     |       |       |  |                     |       |      |
| <u>Albuquerque</u>                                 |                     |       |       |  |                     |       |      |
| Cont. Const.                                       | 6.3                 | 6.6   | 6.4   |  |                     |       |      |
| Manufacturing                                      | 5.5                 | 5.3   | 4.2   |  |                     |       |      |
| Trans. & Pub. Ut.                                  | 4.7                 | 4.7   | 4.3   |  |                     |       |      |
| Trade  | 11.5                | 11.5  | 10.5  |  |                     |       |      |
| Finance  | 2.4                 | 2.6   | 2.0   |  |                     |       |      |
| Service 2/   | 5.9                 | 6.0   | 6.2   |  |                     |       |      |
| <b>NEW YORK</b>                                    |                     |       |       |  |                     |       |      |
| <u>Albany-Schenectady-Troy</u>                     |                     |       |       |  |                     |       |      |
| Manufacturing                                      | 81.1                | 79.9  | 77.1  |  |                     |       |      |
| <u>Binghamton-Endicott-Johnson City</u>            |                     |       |       |  |                     |       |      |
| Manufacturing                                      | 36.6                | 36.4  | 35.8  |  |                     |       |      |
| <u>Buffalo</u>                                     |                     |       |       |  |                     |       |      |
| Manufacturing                                      | 194.5               | 190.9 | 149.6 |  |                     |       |      |
| <u>Elmira</u>                                      |                     |       |       |  |                     |       |      |
| Manufacturing                                      | 15.9                | 15.6  | 14.1  |  |                     |       |      |

See footnotes at end of table and explanatory notes, sections G, H, and I.

TABLE 8: Employees in Nonagricultural Establishments by Industry Division, Selected Areas  
(In thousands)

|   | Number of Employees |        |        |                            | Number of Employees |       |       |
|---|---------------------|--------|--------|----------------------------|---------------------|-------|-------|
|   | 1950                |        | 1949   |                            | 1950                |       | 1949  |
|   | Oct.                | Sept.  | Oct.   |                            | Oct.                | Sept. | Oct.  |
| <b>NEW YORK (Cont'd.)</b>               |                     |        |        | <b>TENNESSEE (Cont'd.)</b> |                     |       |       |
| <u>Kingston-Newburgh-Poughkeepsie</u>   |                     |        |        | <u>Knoxville (Cont'd.)</u> |                     |       |       |
| Manufacturing                           | 35.8                | 35.6   | 34.9   | Trans. & Pub. Ut.          | 7.1                 | 7.2   | 6.3   |
| <u>New York City</u>                    |                     |        |        | Trade                      | 18.1                | 17.9  | 18.6  |
| Manufacturing                           | 1070.2              | 1053.5 | 1026.9 | Finance                    | 3.5                 | 3.5   | 3.3   |
| Trade                                   | 841.2               | 825.6  | 839.7  | Service                    | 8.5                 | 8.6   | 8.8   |
| <u>Rochester</u>                        |                     |        |        | Government                 | 12.4                | 12.1  | 12.3  |
| Manufacturing                           | 105.3               | 104.1  | 95.2   | <u>Memphis</u>             |                     |       |       |
| <u>Syracuse</u>                         |                     |        |        | Mining                     | .5                  | .5    | .4    |
| Manufacturing                           | 56.8                | 46.3   | 47.1   | Manufacturing              | 38.6                | 38.1  | 39.6  |
| <u>Utica-Rome-Herkimer-Little Falls</u> |                     |        |        | Trans. & Pub. Ut.          | 17.1                | 17.0  | 16.7  |
| Manufacturing                           | 46.8                | 46.2   | 45.3   | Trade                      | 41.8                | 40.3  | 42.5  |
| <b>NORTH CAROLINA</b>                   |                     |        |        | Finance                    | 5.8                 | 5.8   | 5.3   |
| <u>Charlotte</u>                        |                     |        |        | Service                    | 21.7                | 21.9  | 22.3  |
| Manufacturing                           | 22.2                | 21.9   | 20.1   | Government                 | 15.7                | 15.6  | 12.9  |
| <b>OKLAHOMA</b>                         |                     |        |        | <u>Nashville</u>           |                     |       |       |
| <u>Oklahoma City 4/</u>                 |                     |        |        | Manufacturing              | 34.2                | 34.4  | 32.5  |
| Manufacturing                           | 13.6                | 13.5   | N.A.   | Trans. & Pub. Ut.          | 10.8                | 10.9  | 10.7  |
| <u>Tulsa 4/</u>                         |                     |        |        | Trade                      | 21.7                | 21.7  | 21.7  |
| Manufacturing                           | 17.8                | 17.9   | N.A.   | Finance                    | 5.7                 | 5.7   | 5.4   |
| <b>RHODE ISLAND</b>                     |                     |        |        | Service                    | 13.9                | 13.9  | 13.5  |
| <u>Providence</u>                       |                     |        |        | Government                 | 13.0                | 13.0  | 13.1  |
| Manufacturing                           | 161.5               | 157.4  | 143.8  | <b>UTAH</b>                |                     |       |       |
| <b>SOUTH CAROLINA</b>                   |                     |        |        | <u>Salt Lake City</u>      |                     |       |       |
| <u>Charleston</u>                       |                     |        |        | Mining                     | 5.8                 | 5.7   | 5.9   |
| Manufacturing                           | 8.7                 | 8.6    | 8.4    | Cont. Const.               | 7.9                 | 7.9   | 7.5   |
| <u>Columbia</u>                         |                     |        |        | Manufacturing              | 14.7                | 14.5  | 13.7  |
| Manufacturing                           | 7.9                 | 7.6    | 7.1    | Trans. & Pub. Ut. 1/       | 7.0                 | 7.1   | 6.9   |
| <b>SOUTH DAKOTA</b>                     |                     |        |        | Trade                      | 26.9                | 27.0  | 26.4  |
| <u>Sioux Falls</u>                      |                     |        |        | Finance                    | 4.7                 | 4.7   | 4.4   |
| Manufacturing                           | 4.9                 | 5.0    | N.A.   | <b>VERMONT</b>             |                     |       |       |
| <b>TENNESSEE</b>                        |                     |        |        | <u>Burlington</u>          |                     |       |       |
| <u>Chattanooga</u>                      |                     |        |        | Manufacturing              | 5.4                 | 5.3   | 5.4   |
| Mining                                  | .2                  | .2     | .1     | <b>WASHINGTON</b>          |                     |       |       |
| Manufacturing                           | 43.8                | 43.3   | 36.6   | <u>Seattle</u>             |                     |       |       |
| Trans. & Pub. Ut.                       | 5.3                 | 5.3    | 4.8    | Total                      | 252.6               | 252.9 | 241.0 |
| Trade                                   | 15.6                | 15.3   | 14.1   | Cont. Const.               | 14.8                | 15.5  | 13.1  |
| Finance                                 | 2.4                 | 2.4    | 2.3    | Manufacturing              | 64.1                | 63.4  | 59.2  |
| Service                                 | 9.3                 | 9.3    | 9.3    | Trans. & Pub. Ut.          | 26.0                | 25.9  | 25.5  |
| Government                              | 7.8                 | 7.8    | 7.3    | Trade                      | 65.2                | 64.9  | 64.3  |
| <u>Knoxville</u>                        |                     |        |        | Finance                    | 14.3                | 14.6  | 13.5  |
| Mining                                  | 2.3                 | 2.3    | 1.6    | Service 2/                 | 32.9                | 33.9  | 32.6  |
| Manufacturing                           | 39.7                | 39.4   | 35.7   | Government                 | 35.5                | 34.7  | 32.8  |
|   |                     |        |        | <u>Spokane</u>             |                     |       |       |
|   |                     |        |        | Total                      | 66.2                | 65.8  | 62.7  |
|   |                     |        |        | Cont. Const.               | 4.9                 | 4.5   | 4.3   |
|   |                     |        |        | Manufacturing              | 12.8                | 13.0  | 11.4  |
|   |                     |        |        | Trans. & Pub. Ut.          | 11.1                | 11.2  | 10.3  |
|   |                     |        |        | Trade                      | 17.8                | 17.7  | 17.4  |
|   |                     |        |        | Finance                    | 2.9                 | 3.0   | 2.8   |
|   |                     |        |        | Service 2/                 | 9.6                 | 9.6   | 9.3   |
|   |                     |        |        | Government                 | 7.0                 | 6.9   | 7.2   |

See footnotes at end of table and explanatory notes, sections G, H, and I.

TABLE 8: Employees in Nonagricultural Establishments by Industry Division, Selected Areas  
(In thousands)

|                       | Number of Employees |       |      |                   | Number of Employees |       |      |
|-----------------------|---------------------|-------|------|-------------------|---------------------|-------|------|
|                       | 1950                |       | 1949 |                   | 1950                |       | 1949 |
|                       | Oct.                | Sept. | Oct. |                   | Oct.                | Sept. | Oct. |
| WASHINGTON (Cont'd.)  |                     |       |      | WEST VIRGINIA     |                     |       |      |
| <u>Tacoma</u>         |                     |       |      | <u>Charleston</u> |                     |       |      |
| Total                 | 73.2                | 75.1  | 69.7 | Total             | 97.9                | 97.0  | 84.5 |
| Cont. Const.          | 5.1                 | 5.6   | 4.2  | Mining            | 22.1                | 21.3  | 12.0 |
| Manufacturing         | 20.5                | 20.9  | 17.5 | Cont. Const.      | 6.0                 | 5.9   | 6.1  |
| Trans. & Pub. Ut.     | 6.8                 | 6.9   | 6.1  | Manufacturing     | 26.3                | 26.1  | 23.5 |
| Trade                 | 14.3                | 14.6  | 13.8 | Trans. & Pub. Ut. | 8.9                 | 9.1   | 8.2  |
| Finance               | 2.4                 | 2.4   | 2.2  | Trade             | 16.7                | 16.9  | 16.6 |
| Service <sup>2/</sup> | 6.9                 | 7.7   | 6.8  | Finance           | 2.8                 | 2.7   | 2.6  |
| Government            | 17.2                | 17.0  | 13.1 | Service           | 6.9                 | 7.0   | 7.3  |
|                       |                     |       |      | Government        | 8.4                 | 8.2   | 8.5  |

See explanatory notes, sections G, H, and I.

1/ Excludes interstate railroads.

2/ Includes mining and quarrying.

3/ Includes mining and quarrying, service, and government.

4/ Revised series; not strictly comparable with previously published data.

TABLE 9: Production Workers in Selected Manufacturing Industries

(In thousands)

| Industry   | 1950    |           |        |
|--|---------|-----------|--------|
|  | October | September | August |
| <b>FOOD AND KINDRED PRODUCTS:</b>                          |         |           |        |
| Meat packing, wholesale                                    | 167.0   | 163.5     | 164.2  |
| Prepared meats   | 34.6    | 35.1      | 35.1   |
| Concentrated milk  | 12.5    | 13.1      | 13.6   |
| Ice cream and ices   | 18.7    | 20.7      | 23.0   |
| Flour and meal   | 26.6    | 26.9      | 27.4   |
| Cane-sugar refining  | 15.3    | 15.4      | 14.8   |
| Beet sugar   | 20.7    | 9.2       | 8.9    |
| Confectionery products                                     | 73.8    | 71.2      | 64.7   |
| Malt liquors   | 59.6    | 65.0      | 68.4   |
| Distilled liquors, except brandy                           | 23.4    | 24.1      | 27.0   |
| <b>TEXTILE-MILL PRODUCTS:</b>                              |         |           |        |
| Yarn mills, wool (except carpets), cotton and silk systems | 114.5   | 113.6     | 110.4  |
| Cotton and rayon broad-woven fabrics                       | 423.2   | 422.2     | 415.5  |
| Woolen and worsted fabrics                                 | 114.2   | 114.3     | 110.4  |
| Full-fashioned hosiery mills                               | 67.9    | 67.6      | 67.2   |
| Seamless hosiery mills                                     | 58.2    | 57.2      | 55.4   |
| Knit underwear mills                                       | 36.4    | 36.1      | 34.4   |
| Wool carpets, rugs and carpet yarn                         | 38.7    | 38.7      | 38.0   |
| Fur felt hats and hat bodies                               | 8.6     | 9.0       | 9.4    |
| <b>APPAREL AND OTHER FINISHED TEXTILE PRODUCTS:</b>        |         |           |        |
| Men's dress shirts and nightwear                           | 86.6    | 85.1      | 84.0   |
| Work shirts  | 12.0    | 12.2      | 12.2   |
| <b>FURNITURE AND FIXTURES:</b>                             |         |           |        |
| Wood household furniture, except upholstered               | 129.1   | 128.1     | 125.0  |
| Mattresses and bedsprings                                  | 30.0    | 30.1      | 29.6   |
| <b>CHEMICALS AND ALLIED PRODUCTS:</b>                      |         |           |        |
| Plastics materials   | 21.3    | 21.4      | 21.1   |
| Synthetic rubber   | 6.4     | 6.2       | 6.0    |
| Synthetic fibers   | 56.0    | 55.4      | 55.0   |
| Soap and glycerin  | 20.4    | 20.5      | 19.8   |
| <b>STONE, CLAY, AND GLASS PRODUCTS:</b>                    |         |           |        |
| Glass containers   | 40.6    | 40.0      | 40.0   |
| Pressed and blown glass, not elsewhere classified          | 39.3    | 29.5      | 33.3   |
| Brick and hollow tile                                      | 29.5    | 29.8      | 30.0   |
| Sewer pipe   | 8.9     | 8.9       | 8.9    |

See explanatory notes, section A.

TABLE 9: Production Workers in Selected Manufacturing Industries (Continued)

(In thousands)

| Industry   | 1950    |           |        |
|--|---------|-----------|--------|
|  | October | September | August |
| <b>PRIMARY METAL INDUSTRIES:</b>   |         |           |        |
| Gray-iron foundries  | 153.7   | 150.3     | 144.7  |
| Malleable-iron foundries   | 24.7    | 24.7      | 24.5   |
| Steel foundries  | 51.1    | 49.4      | 46.4   |
| Primary copper, lead, and zinc   | 26.6    | 26.4      | 25.8   |
| Primary aluminum   | 9.2     | 8.8       | 9.3    |
| Iron and steel forgings  | 30.2    | 29.5      | 29.0   |
| Wire drawing   | 42.4    | 42.1      | 41.6   |
| <b>FABRICATED METAL PRODUCTS (EXCEPT ORDNANCE,<br/>MACHINERY, AND TRANSPORTATION EQUIPMENT):</b> |         |           |        |
| Cutlery and edge tools   | 25.3    | 24.8      | 23.4   |
| Hand tools, not elsewhere classified, files,<br>hand saws, and saw blades                        | 36.3    | 34.9      | 32.1   |
| Hardware, not elsewhere classified   | 76.1    | 74.7      | 72.7   |
| Metal plumbing fixtures and fittings   | 31.5    | 31.3      | 30.1   |
| Oil burners, heating and cooking apparatus,<br>not elsewhere classified                          | 86.4    | 86.8      | 83.4   |
| Structural and ornamental products   | 61.4    | 61.5      | 60.7   |
| Boiler shop products   | 52.9    | 48.4      | 50.0   |
| Metal stampings  | 121.7   | 121.2     | 119.3  |
| <b>MACHINERY (EXCEPT ELECTRICAL):</b>  |         |           |        |
| Tractors   | 62.3    | 47.3      | 66.0   |
| Farm machinery, except tractors  | 64.0    | 57.7      | 71.9   |
| Machine tools  | 47.3    | 44.7      | 41.6   |
| Metalworking machinery, not elsewhere<br>classified  | 39.2    | 38.5      | 36.9   |
| Cutting tools, jigs, fixtures, etc.  | 72.3    | 69.1      | 64.7   |
| Computing and related machines   | 36.9    | 36.4      | 34.1   |
| Typewriters  | 20.3    | 19.8      | 18.9   |
| Refrigeration machinery  | 106.6   | 105.3     | 109.1  |
| Machine shops  | 40.1    | 38.4      | 37.3   |
| <b>ELECTRICAL MACHINERY:</b>   |         |           |        |
| Radios and related products  | 186.9   | 172.3     | 169.6  |
| Telephone and telegraph equipment and<br>communication equipment, not elsewhere<br>classified    | 35.9    | 35.3      | 34.5   |
| <b>TRANSPORTATION EQUIPMENT:</b>   |         |           |        |
| Locomotives and parts  | 22.5    | 21.7      | 20.7   |
| Railroad and streetcars  | 28.6    | 28.8      | 29.2   |
| <b>MISCELLANEOUS MANUFACTURING INDUSTRIES:</b>   |         |           |        |
| Silverware and plated ware   | 18.5    | 18.1      | 17.7   |

See explanatory notes, section A.



## EXPLANATORY NOTES

Section A. Scope of the BLS Employment Series - The Bureau of Labor Statistics publishes each month the number of employees in all nonagricultural establishments and in the 8 major industry divisions; mining, contract construction, manufacturing, transportation and public utilities, trade, finance, service, and government. Both all-employee and production-worker employment series are also presented for 21 major manufacturing groups, over 100 separate manufacturing industries, and the durable and nondurable goods subdivisions. Within nonmanufacturing, total employment information is published for nearly 50 series. Production worker employment is also presented for most of the industry components of the mining division.

Table 9 shows production-worker data for over 50 new industries. These series are based on the levels of employment indicated by the 1947 Census of Manufactures and have been carried forward by use of the employment changes reported by the BLS monthly sample of cooperating establishments. These series are not comparable with the data shown in table 3 since the latter are adjusted to 1947 levels indicated by data from the social insurance programs.

Hours and earnings information for manufacturing and selected nonmanufacturing industries are published monthly in the Hours and Earnings Industry Report and in the Monthly Labor Review.

Section B. Definition of Employment - For privately operated establishments in the nonagricultural industries the BLS employment information covers all full- and part-time employees who were on the pay roll, i.e., who worked during, or received pay for, the pay period ending nearest the 15th of the month. For Federal establishments the employment period relates to the pay period ending prior to the first of the month; in State and local governments, during the pay period ending on or just before the last of the month. Proprietors, self-employed persons, domestic servants, unpaid family workers, and members of the armed forces are excluded from the employment information.

Section C. Comparability With Other Employment Data - The Bureau of Labor Statistics employment series differ from the Monthly Report on the Labor Force in the following respects: (1) The BLS series are based on reports from cooperating establishments, while the MRLF is based on employment information obtained from household interviews; (2) persons who worked in more than one establishment during the reporting period would be counted more than once in the BLS series, but not in the MRLF; (3) the BLS information covers all full- and part-time wage and salary workers in private nonagricultural establishments who worked during, or received pay for, the pay period ending nearest the 15th of the month; in Federal establishments during the pay period ending just before the first of the month; and in State and local government during the pay period ending on or just before the last of the month, while the MRLF series relates to the calendar week which contains the 8th day of the month; (4) proprietors, self-employed, domestic servants, and unpaid family workers are excluded from the BLS but not the MRLF series.

Section D. Methodology - Changes in the level of employment are based on reports from a sample group of establishments, inasmuch as full coverage is prohibitively costly and time-consuming. In using a sample, it is essential that a complete count or "bench mark" be established from which the series may be carried forward. Briefly, the BLS computes employment data as follows: first, a bench mark or level of employment is determined; second a sample of establishments is selected; and third, changes in employment indicated by this reporting sample are applied to the bench mark to determine the monthly employment between bench-mark periods. An illustration of the estimation procedure used in those industries for which both all-

employee and production-worker employment information is published follows: The latest production-worker employment bench mark for a given industry was 50,000 in January. According to the BLS reporting sample, 60 establishments in that industry employed 25,000 workers in January and 26,000 in February, an increase of 4 percent. The February figure of 52,000 would be derived by applying the change for identical establishments reported in the January-February sample to the bench mark:

$$50,000 \times \frac{26,000}{25,000} \text{ (or } 1.04) = 52,000$$

The estimated all-employee level of 65,000 for February is then determined by using that month's sample ratio (.800) of production workers to total employment

$$\frac{52,000}{.800} \text{ (or multiplied by } 1.25) = 65,000.$$

When a new bench mark becomes available, employment data prepared since the last bench mark are reviewed to determine if any adjustment of level is required. In general, the month-to-month changes in employment reflect the fluctuations shown by establishments reporting to the BLS, while the level of employment is determined by the bench mark.

The pay-roll index is obtained by dividing the total weekly pay roll for a given month by the average weekly pay roll in 1939. Aggregate weekly pay rolls for all manufacturing industries combined are derived by multiplying gross average weekly earnings by production-worker employment.

Section E. Sources of Sample Data - Approximately 143,000 cooperating establishments furnish monthly employment and pay-roll schedules, by mail, to the Bureau of Labor Statistics. In addition, the Bureau makes use of data collected by the Interstate Commerce Commission, the Civil Service Commission, and the Bureau of the Census.

APPROXIMATE COVERAGE OF MONTHLY SAMPLE USED IN  
BLS EMPLOYMENT AND PAY-ROLL STATISTICS

| Division or industry                              | : Number of<br>: establishments | : <u>Employees</u>      |                         |
|---|---------------------------------|-------------------------|-------------------------|
|   |                                 | : Number in<br>: sample | : Percent<br>: of total |
| Mining  | 3,000                           | 467,000                 | 50                      |
| Contract construction                             | 19,300                          | 539,000                 | 26                      |
| Manufacturing                                     | 39,000                          | 9,092,000               | 64                      |
| Transportation and public utilities:              |                                 |                         |                         |
| Interstate railroads (ICC)                        | --                              | 1,329,000               | 98                      |
| Rest of division (BLS)                            | 12,500                          | 1,309,000               | 51                      |
| Trade   | 58,100                          | 1,676,000               | 18                      |
| Finance   | 7,900                           | 367,000                 | 20                      |
| Service:  |                                 |                         |                         |
| Hotels  | 1,300                           | 144,000                 | 33                      |
| Laundries and cleaning and dyeing plants          | 1,800                           | 97,000                  | 20                      |
| Government:                                       |                                 |                         |                         |
| Federal (Civil Service Commission)                | --                              | 1,939,000               | 100                     |
| State and local (Bureau of Census--<br>quarterly) | --                              | 2,450,000               | 62                      |

Section F. Sources of Bench-Mark Data - Reports from Unemployment Insurance Agencies presenting (1) employment in firms liable for contributions to State unemployment compensation funds, and (2) tabulations from the Bureau of Old-Age and Survivors Insurance on Employment in firms exempt from State unemployment insurance laws because of their small size comprise the basic sources of bench-mark data for nonfarm employment. Most of the employment data in this report have been adjusted to levels indicated by these sources for 1947. Special bench marks are used for industries not covered by the Social Security program. Bench marks for State and local government are based on data compiled by the Bureau of the Census, while information on Federal Government employment is made available by the U. S. Civil Service Commission. The Interstate Commerce Commission is the source for railroads.

Bench marks for production-worker employment are not available on a regular basis. The production-worker series are, therefore, derived by applying to all-employee bench marks the ratio of production-worker employment to total employment, as determined from the Bureau's industry samples.

Section G. Industrial Classification - In the BLS employment and hours and earnings series, reporting establishments are classified into significant economic groups on the basis of major postwar product or activity as determined from annual sales data. The following references present the industry classification structure currently used in the employment statistics program.

- (1) For manufacturing industries - Standard Industrial Classification Manual, Vol. I, Manufacturing Industries, Bureau of the Budget, November 1945;
- (2) For nonmanufacturing industries - Industrial Classification Code, Federal Security Agency Social Security Board, 1942.

Section H. State Employment - State data are collected and prepared in cooperation with various State Agencies as indicated below. The series have been adjusted to recent data made available by State Unemployment Insurance Agencies and the Bureau of Old-Age and Survivors Insurance. Since some States have adjusted to more recent bench-marks than others, and because varying methods of computation are used, the total of the State series differs from the national total. A number of States also make available more detailed industry data and information for earlier periods which may be secured directly upon request to the appropriate State Agency.

The following publications are available upon request from the BLS Regional Offices or the Bureau's Washington Office:

- Nonagricultural Employment, by State, 1947-48-49;
- Employment in Manufacturing Industries, by State, 1947-48-49.

COOPERATING STATE AGENCIES

Alabama - Department of Industrial Relations, Montgomery 5.  
Arizona - Unemployment Compensation Division, Employment Security Commission, Phoenix.  
Arkansas - Employment Security Division, Department of Labor, Little Rock.  
California - Division of Labor Statistics and Research, Department of Industrial Relations, San Francisco 1.  
Colorado - Department of Employment Security, Denver 2.  
Connecticut - Employment Security Division, Department of Labor and Factory Inspection, Hartford 5.  
Delaware - Federal Reserve Bank of Philadelphia, Philadelphia 1, Pennsylvania.  
District of Columbia - U. S. Employment Service for D. C., Washington 25.  
Florida - Unemployment Compensation Division, Industrial Commission, Tallahassee.  
Georgia - Employment Security Agency, Department of Labor, Atlanta 3.  
Idaho - Employment Security Agency, Boise.  
Illinois - Division of Placement and Unemployment Compensation, Department of Labor, Chicago 54.  
Indiana - Employment Security Division, Indianapolis 9.  
Iowa - Employment Security Commission, Des Moines 8.  
Kansas - Employment Security Division, State Labor Department, Topeka.  
Kentucky - Bureau of Employment Security, Department of Economic Security, Frankfort.  
Louisiana - Division of Employment Security, Department of Labor, Baton Rouge 4.  
Maine - Employment Security Commission, Augusta.  
Maryland - Department of Employment Security, Baltimore 1.  
Massachusetts - Division of Statistics, Department of Labor and Industries, Boston 10.  
Michigan - Unemployment Compensation Commission, Detroit 2.  
Minnesota - Division of Employment and Security, St. Paul 1.  
Mississippi - Employment Security Commission, Jackson.  
Missouri - Division of Employment Security, Department of Labor and Industrial Relations, Jefferson City.  
Montana - Unemployment Compensation Commission, Helena.  
Nebraska - Division of Employment Security, Department of Labor, Lincoln 1.  
Nevada - Employment Security Department, Carson City.  
New Hampshire - Division of Employment Security, Department of Labor, Concord.  
New Jersey - Department of Labor and Industry, Trenton 8.  
New Mexico - Employment Security Commission, Albuquerque.  
New York - Bureau of Research and Statistics, Division of Placement and Unemployment Insurance, New York Department of Labor, 342 Madison Avenue, New York 17.  
North Carolina - Department of Labor, Raleigh.  
North Dakota - Unemployment Compensation Division, Bismarck.  
Ohio - Bureau of Unemployment Compensation, Columbus 16.  
Oklahoma - Employment Security Commission, Oklahoma City 2.  
Oregon - Unemployment Compensation Commission, Salem.  
Pennsylvania - Federal Reserve Bank of Philadelphia, Philadelphia 1 (mfg.); Bureau of Research and Information, Department of Labor and Industry, Harrisburg (nonmfg.).  
Rhode Island - Department of Labor, Providence 2.  
South Carolina - Employment Security Commission, Columbia 10.  
South Dakota - Employment Security Department, Aberdeen.

Tennessee - Department of Employment Security, Nashville 3.  
Texas - Employment Commission, Austin 19.  
Utah - Department of Employment Security, Industrial Commission, Salt Lake City 13.  
Vermont - Unemployment Compensation Commission, Montpelier.  
Virginia - Division of Research and Statistics, Department of Labor and Industry,  
Richmond 19.  
Washington - Employment Security Department, Olympia.  
West Virginia - Department of Employment Security, Charleston.  
Wisconsin - Industrial Commission, Madison 3.  
Wyoming - Employment Security Commission, Casper.

Section I. Area Employment - Figures on area employment are prepared by cooperating State agencies. The methods of adjusting to bench marks and of making computations used to prepare State employment are also applied in preparing area information. Hence, the appropriate qualifications should also be observed. For a number of areas, data in greater industry detail and for earlier periods can be obtained by writing directly to the appropriate State agency.

#### GLOSSARY

All Employees or Wage and Salary Workers - In addition to production and related workers as defined elsewhere, includes workers engaged in the following activities: executive, purchasing, finance, accounting, legal, personnel (including cafeterias, medical, etc.), professional and technical activities, sales, sales-delivery, advertising, credit collection, and in installation and servicing of own products, routine office functions, factory supervision (above the working foremen level). Also includes employees on the establishment pay roll engaged in new construction and major additions or alterations to the plant who are utilized as a separate work force (force-account construction workers).

Continental United States - Covers only the 48 States and the District of Columbia.

Contract Construction - Covers only firms engaged in the construction business on a contract basis for others. Force-account construction workers, i.e., hired directly by and on the pay rolls of Federal, State, and local government, public utilities, and private establishments, are excluded from contract construction and included in the employment for such establishments.

Defense Agencies - Covers civilian employees of the Department of Defense (Secretary of Defense: Army, Air Force, and Navy), National Advisory Committee for Aeronautics, The Panama Canal, Philippine Alien Property Administration, Philippine War Damage Commission, Selective Service System, National Security Resources Board, National Security Council.

Durable Goods - The durable goods subdivision includes the following major groups: ordnance and accessories; lumber and wood products (except furniture); furniture and fixtures; stone, clay, and glass products; primary metal industries; fabricated metal products (except ordnance, machinery, and transportation equipment); machinery (except electrical); electrical machinery; transportation equipment; instruments and related products; and miscellaneous manufacturing industries.

Federal Government - Executive Branch - Includes Government corporations (including Federal Reserve Banks and mixed-ownership banks of the Farm Credit Administration) and other activities performed by Government personnel in establishments such as navy yards, arsenals, hospitals, and on force-account construction. Data, which are based mainly on reports to the Civil Service Commission, are adjusted to maintain continuity of coverage and definition with information for former periods.

Finance - Covers establishments operating in the fields of finance, insurance, and real estate; excludes the Federal Reserve Banks and the mixed-ownership banks of the Farm Credit Administration which are included under Government.

Government - Covers Federal, State, and local governmental establishments performing legislative, executive, and judicial functions, as well as all government-operated establishments and institutions (arsenals, navy yards, hospitals, etc.), government corporations, and government force-account construction. Fourth-class postmasters are excluded from table 1, because they presumably have other major jobs; they are included, however, in table 5.

Indexes of Manufacturing Production-Worker Employment - Number of production workers expressed as a percentage of the average employment in 1939.

Indexes of Manufacturing Production-Worker Weekly Pay Rolls - Production-worker weekly pay rolls expressed as a percentage of the average weekly pay roll for 1939.

Manufacturing - Covers only privately-operated establishments; governmental manufacturing operations such as arsenals and navy yards are excluded from manufacturing and included with government.

Mining - Covers establishments engaged in the extraction from the earth of organic and inorganic minerals which occur in nature as solids, liquids, or gases; includes various contract services required in mining operations, such as removal of overburden, tunnelling and shafting, and the drilling or acidizing of oil wells; also includes ore dressing, beneficiating, and concentration.

Nondurable Goods - The nondurable goods subdivision includes the following major groups: food and kindred products; tobacco manufactures; textile-mill products; apparel and other finished textile products; paper and allied products; printing, publishing, and allied industries; chemicals and allied products; products of petroleum and coal; rubber products; and leather and leather products.

Pay Rolls - Private pay rolls represent weekly pay rolls of both full- and part-time production and related workers who worked during, or received pay for, any part of the pay period ending nearest the 15th of the month, before deductions for old-age and unemployment insurance, group insurance, withholding tax, bonds, and union dues; also, includes pay for sick leave, holidays, and vacations taken. Excludes cash payments for vacations not taken, retroactive pay not earned during period reported, value of payments in kind, and bonuses, unless earned and paid regularly each pay period. Federal civilian pay rolls cover the working days in the calendar month.

Production and Related Workers - Includes working foremen and all nonsupervisory workers (including lead men and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial, watchman services, product development, auxiliary production for plant's own use (e.g., power plant), and record-keeping and other services closely associated with the above production operations.

Service - Covers establishments primarily engaged in rendering services to individuals and business firms, including automobile repair services. Excludes all government-operated services such as hospitals, museums, etc., and all domestic service employees.

Trade - Covers establishments engaged in wholesale trade, i.e., selling merchandise to retailers, and in retail trade, i.e., selling merchandise for personal or household consumption, and rendering services incidental to the sales of goods.

Transportation and Public Utilities - Covers only privately-owned and operated enterprises engaged in providing all types of transportation and related services; telephone, telegraph, and other communication services; or providing electricity, gas, steam, water, or sanitary service. Government operated establishments are included under government.

Washington, D. C. - Data for the executive branch of the Federal Government also include areas in Maryland and Virginia which are within the metropolitan area, as defined by the Bureau of the Census.