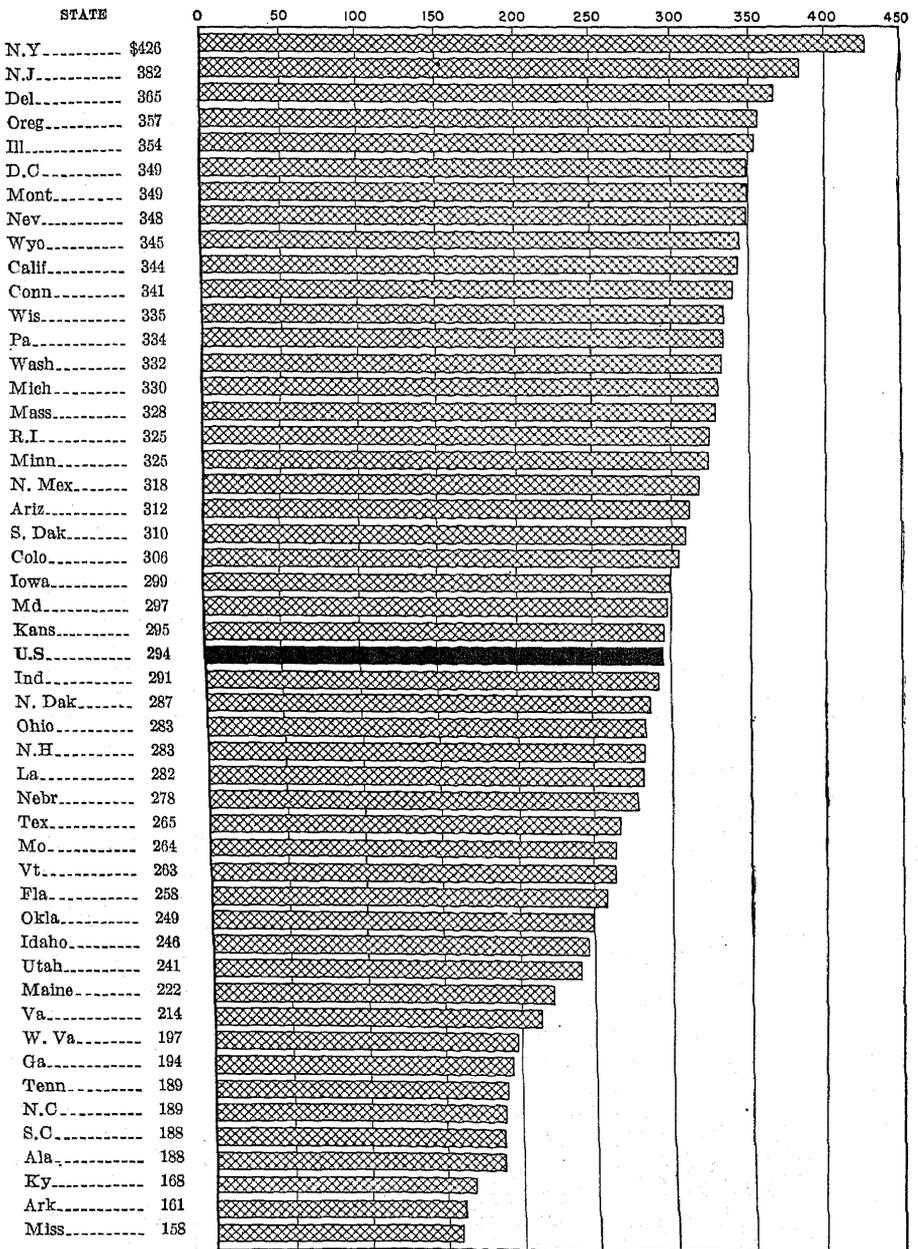


FIG. IX. CURRENT EXPENDITURE PER PUPIL IN AVERAGE DAILY ATTENDANCE FOR PUBLIC ELEMENTARY AND SECONDARY DAY SCHOOLS: 1956

[See table 153]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Department of Health, Education, and Welfare, Office of Education.

## Section 4

### Education

Statistics in this section relate to the level, extent, personnel, and finances of formal education in the United States. The principal sources of these data are the Decennial Census of Population (see text, p. 1) and the Biennial Survey of Education conducted by the U.S. Office of Education. Other statistical studies of the U.S. Office of Education, publications of the National Education Association, annual or biennial reports of the individual State agencies which have jurisdiction over education, and the Current Population Survey conducted by the Bureau of the Census (see text, p. 2) are the additional regular sources of data in the field of education.

State laws vary concerning the compulsory school attendance of children. However, most State laws require that formal schooling begin at 7 years of age and extend until 16 years of age.

Data on school enrollment are available from the Decennial Census of Population since the Census of 1840 and on educational attainment from the same source for 1940 and 1950. The Current Population Survey of the Bureau of the Census has reported on-school enrollment annually beginning in 1945, and on educational attainment periodically beginning in 1947. The Reports of the Biennial Survey of Education include a variety of information presented in much detail for each school level (kindergarten, elementary, secondary, and college). A major difference between the Current Population Survey of the Census Bureau and the Biennial Survey of the Office of Education is that the former shows education data for the country as a whole by age and other population characteristics, whereas the latter shows data on attendance, staff, and finances for the United States and individual States. The Office of Education also issues annually the *Digest of Annual Reports of State Boards for Vocational Education*.

**Enrollment and attainment.**—School enrollment statistics of the Bureau of the Census are based on attendance or enrollment in any regular school (or college) within a given period. Attainment statistics are based on the last full grade completed by a student. A regular school as defined in this respect by the Bureau of the Census is any public, private, or parochial school, college or university, but excludes nursery schools or, generally, vocational, trade, business, or correspondence schools; kindergartens were also excluded until October 1950.

The median year of school completed is defined as the year which divides the population into equal parts—one-half completing more, the other half completing less, schooling than the median.

**Schools.**—The school data shown here from the Biennial Survey of Education are reasonably complete for the types of education covered, but do not include figures for private schools of art, music, drama, etc., for private, commercial, trade, and vocational schools, or private correspondence schools.

The comparability of elementary school or secondary school data over a period of years was invalidated by the introduction of the junior high school which includes the 7th and 8th grades of the traditional elementary school and the 9th grade of regular high school. A comparable time series utilizing these data is possible only on the strict basis of grade enrollment, grades 1 through 8 as elementary and grades 9 through 12 as secondary.

Office of Education data in this section relate to school terms or academic years; except as noted, the year shown refers to the period beginning in September of the prior year and extending to June of the year indicated.

Note.—This section presents data for the most recent year or period available on February 25, 1950, when the material was organized and sent to the printer.

No. 128. SCHOOL ENROLLMENT, BY AGE AND SEX: 1950, 1955, AND 1958

[In thousands. As of October. Data relate to civilian noninstitutional population and are based on Current Population Survey; see Technical Note, p. 203. Figures on children 5 and 6 years old enrolled in school include those enrolled in kindergarten]

| YEAR AND AGE               | TOTAL           |                |              | MALE            |                |              | FEMALE          |                |              |
|----------------------------|-----------------|----------------|--------------|-----------------|----------------|--------------|-----------------|----------------|--------------|
|                            | Popu-<br>lation | Enrolled       |              | Popu-<br>lation | Enrolled       |              | Popu-<br>lation | Enrolled       |              |
|                            |                 | Number         | Per-<br>cent |                 | Number         | Per-<br>cent |                 | Number         | Per-<br>cent |
| <b>1950</b>                |                 |                |              |                 |                |              |                 |                |              |
| <b>Total, 5 to 34.....</b> | <b>68,570</b>   | <b>130,275</b> | <b>144.2</b> | <b>33,355</b>   | <b>115,834</b> | <b>147.5</b> | <b>35,215</b>   | <b>114,442</b> | <b>141.0</b> |
| 5 years.....               | 2,720           | 1,410          | 51.7         | 1,390           | 717            | 51.6         | 1,336           | 693            | 51.9         |
| 6 years.....               | 2,731           | 2,649          | 97.0         | 1,300           | 1,336          | 96.1         | 1,341           | 1,313          | 97.9         |
| 7 to 9 years.....          | 7,891           | 7,803          | 98.9         | 4,012           | 3,963          | 98.8         | 3,879           | 3,840          | 99.0         |
| 10 to 13 years.....        | 8,982           | 8,852          | 98.6         | 4,565           | 4,506          | 98.7         | 4,417           | 4,346          | 98.4         |
| 14 to 17 years.....        | 8,351           | 6,953          | 83.3         | 4,200           | 3,541          | 84.3         | 4,151           | 3,412          | 82.2         |
| 18 to 19 years.....        | 4,041           | 1,190          | 29.4         | 1,893           | 667            | 35.2         | 2,148           | 523            | 24.3         |
| 20 to 24 years.....        | 10,677          | 959            | 9.0          | 4,873           | 692            | 14.2         | 5,804           | 267            | 4.6          |
| 25 to 29 years.....        | 11,861          | 358            | 3.0          | 5,623           | 332            | 5.9          | 6,238           | 26             | 0.4          |
| 30 to 34 years.....        | 11,310          | 100            | 0.9          | 5,409           | 179            | 1.5          | 5,901           | 121            | 1.0          |
| <b>1955</b>                |                 |                |              |                 |                |              |                 |                |              |
| <b>Total, 5 to 34.....</b> | <b>73,682</b>   | <b>37,426</b>  | <b>50.8</b>  | <b>35,666</b>   | <b>19,573</b>  | <b>54.9</b>  | <b>38,016</b>   | <b>17,853</b>  | <b>47.0</b>  |
| 5 years.....               | 3,543           | 2,060          | 58.1         | 1,810           | 1,052          | 58.1         | 1,733           | 1,009          | 58.2         |
| 6 years.....               | 3,524           | 3,460          | 98.2         | 1,800           | 1,769          | 98.3         | 1,724           | 1,691          | 98.1         |
| 7 to 9 years.....          | 10,259          | 10,175         | 99.2         | 5,242           | 5,196          | 99.1         | 5,017           | 4,980          | 99.3         |
| 10 to 13 years.....        | 10,942          | 10,853         | 99.2         | 5,565           | 5,529          | 99.4         | 5,377           | 5,324          | 99.0         |
| 14 to 17 years.....        | 9,169           | 7,970          | 86.9         | 4,622           | 4,097          | 88.6         | 4,547           | 3,873          | 85.2         |
| 18 to 19 years.....        | 3,905           | 1,232          | 31.5         | 1,770           | 752            | 42.5         | 2,135           | 480            | 22.5         |
| 20 to 24 years.....        | 9,120           | 1,010          | 11.1         | 3,799           | 686            | 18.1         | 5,321           | 324            | 6.1          |
| 25 to 29 years.....        | 11,189          | 475            | 4.2          | 5,310           | 371            | 7.0          | 5,878           | 105            | 1.8          |
| 30 to 34 years.....        | 12,032          | 192            | 1.6          | 5,748           | 123            | 2.1          | 6,283           | 68             | 1.1          |
| <b>1958</b>                |                 |                |              |                 |                |              |                 |                |              |
| <b>Total, 5 to 34.....</b> | <b>78,306</b>   | <b>42,900</b>  | <b>54.8</b>  | <b>38,328</b>   | <b>22,497</b>  | <b>58.7</b>  | <b>39,978</b>   | <b>20,404</b>  | <b>51.0</b>  |
| 5 years.....               | 3,845           | 2,455          | 63.9         | 1,963           | 1,271          | 64.7         | 1,881           | 1,184          | 62.9         |
| 6 years.....               | 3,747           | 3,646          | 97.3         | 1,914           | 1,852          | 96.8         | 1,833           | 1,794          | 97.9         |
| 7 to 9 years.....          | 10,745          | 10,688         | 99.5         | 5,484           | 5,461          | 99.6         | 5,261           | 5,227          | 99.4         |
| 10 to 13 years.....        | 13,004          | 12,935         | 99.5         | 6,637           | 6,598          | 99.4         | 6,367           | 6,337          | 99.5         |
| 14 to 17 years.....        | 10,592          | 9,446          | 89.2         | 5,350           | 4,854          | 90.7         | 5,242           | 4,691          | 87.6         |
| 18 to 19 years.....        | 4,158           | 1,564          | 37.6         | 1,892           | 898            | 47.5         | 2,266           | 667            | 29.4         |
| 20 to 24 years.....        | 9,777           | 1,307          | 13.4         | 4,361           | 915            | 21.0         | 5,416           | 363            | 7.3          |
| 25 to 29 years.....        | 10,667          | 603            | 5.7          | 5,093           | 483            | 9.5          | 5,674           | 121            | 2.2          |
| 30 to 34 years.....        | 11,773          | 255            | 2.2          | 5,634           | 165            | 2.9          | 6,138           | 90             | 1.5          |

<sup>1</sup> Estimated.

No. 129. PERCENT OF POPULATION ENROLLED IN SCHOOL, BY AGE, COLOR, AND SEX: 1955 AND 1958

[As of October. See headnote, table 128]

| AGE                      | 1955        |             |             |             |             |             | 1958        |             |             |             |             |             |
|--------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                          | Total       |             | Male        |             | Female      |             | Total       |             | Male        |             | Female      |             |
|                          | White       | Non-white   |
| <b>Total, 5 to 34 ..</b> | <b>50.8</b> | <b>50.7</b> | <b>54.9</b> | <b>54.4</b> | <b>46.9</b> | <b>47.4</b> | <b>54.9</b> | <b>54.0</b> | <b>58.8</b> | <b>58.0</b> | <b>51.1</b> | <b>50.3</b> |
| 5 to 6 years.....        | 79.2        | 71.1        | 79.0        | 72.8        | 79.5        | 69.4        | 81.4        | 73.9        | 81.5        | 74.2        | 81.2        | 73.7        |
| 7 to 13 years.....       | 99.3        | 98.2        | 99.4        | 98.2        | 99.3        | 98.1        | 99.6        | 98.8        | 99.6        | 98.8        | 99.6        | 98.7        |
| 14 to 17 years.....      | 87.5        | 82.8        | 89.1        | 85.2        | 85.9        | 80.5        | 90.0        | 82.8        | 91.1        | 87.6        | 88.9        | 78.1        |
| 18 to 19 years.....      | 32.1        | 27.6        | 43.9        | 32.9        | 22.4        | 23.1        | 38.1        | 34.3        | 48.1        | 43.4        | 29.9        | 26.4        |
| 20 to 24 years.....      | 11.6        | 7.2         | 19.3        | 9.8         | 6.2         | 5.5         | 14.1        | 8.7         | 22.3        | 11.8        | 7.5         | 6.0         |
| 25 to 29 years.....      | 4.2         | 4.9         | 7.1         | 6.2         | 1.5         | 3.8         | 5.9         | 3.9         | 9.9         | 6.3         | 2.2         | 1.9         |
| 30 to 34 years.....      | 1.6         | 1.8         | 2.2         | 1.9         | 1.0         | 1.7         | 2.3         | 1.3         | 3.0         | 2.4         | 1.6         | 0.4         |

Source of tables 128 and 129: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, Nos. 80 and 93, and records.

SCHOOL ENROLLMENT

No. 130. SCHOOL ENROLLMENT BY SINGLE YEARS OF AGE FROM 5 TO 20: 1920 TO 1950

[Statistics for 1940 and 1950 are based on attendance at or enrollment in any regular school or college, including night schools, extension schools, or vocational schools, if part of regular school system. Excludes correspondence schools. In the 2 prior censuses, school enrollment question not restricted as to type of school or college. In 1950, question referred to period between Feb. 1 and Apr. 1, 1950; in 1940, to period between Mar. 1 and Apr. 1, 1940; in 1930, to period between Sept. 1, 1929, and Apr. 1, 1930; and in 1920, to period between preceding Sept. 1 and Jan. 1. Figures for 1950 based on 20-percent sample]

| AGE                    | 1920       |                       | 1930       |                       | 1940       |                       | 1950       |                       |
|------------------------|------------|-----------------------|------------|-----------------------|------------|-----------------------|------------|-----------------------|
|                        | Number     | Percent of population |
| 5 to 20 years old..... | 21,378,976 | 64.3                  | 26,849,639 | 69.9                  | 26,293,224 | 70.8                  | 27,088,055 | 72.7                  |
| 5 years old.....       | 441,411    | 18.8                  | 500,784    | 20.0                  | 385,160    | 18.0                  | 284,625    | 10.5                  |
| 6 years old.....       | 1,480,714  | 63.3                  | 1,687,486  | 66.3                  | 1,420,051  | 69.1                  | 1,874,620  | 67.6                  |
| 7 years old.....       | 1,905,404  | 83.3                  | 2,207,331  | 89.4                  | 1,935,819  | 92.4                  | 2,670,295  | 94.4                  |
| 8 years old.....       | 2,010,894  | 88.5                  | 2,451,048  | 94.1                  | 2,089,528  | 94.8                  | 2,448,490  | 95.6                  |
| 9 years old.....       | 1,944,314  | 90.4                  | 2,401,356  | 95.6                  | 2,093,679  | 95.6                  | 2,257,985  | 96.1                  |
| 10 years old.....      | 2,077,965  | 93.0                  | 2,427,254  | 97.1                  | 2,209,240  | 95.7                  | 2,228,955  | 96.0                  |
| 11 years old.....      | 1,970,255  | 93.0                  | 2,280,735  | 97.5                  | 2,125,664  | 95.9                  | 2,145,630  | 96.3                  |
| 12 years old.....      | 2,082,749  | 93.2                  | 2,408,623  | 97.1                  | 2,315,270  | 95.5                  | 2,204,840  | 95.9                  |
| 13 years old.....      | 1,877,429  | 92.5                  | 2,242,053  | 96.5                  | 2,265,405  | 94.8                  | 2,090,085  | 95.9                  |
| 14 years old.....      | 1,766,784  | 86.3                  | 2,212,825  | 92.9                  | 2,224,670  | 92.5                  | 2,025,730  | 94.8                  |
| 15 years old.....      | 1,357,345  | 72.9                  | 1,943,553  | 84.7                  | 2,122,995  | 87.6                  | 1,945,790  | 91.4                  |
| 16 years old.....      | 1,001,701  | 50.8                  | 1,569,839  | 66.3                  | 1,897,179  | 76.2                  | 1,682,200  | 80.9                  |
| 17 years old.....      | 642,360    | 34.6                  | 1,100,018  | 47.9                  | 1,464,027  | 60.9                  | 1,420,930  | 68.2                  |
| 18 years old.....      | 413,619    | 21.7                  | 723,524    | 30.7                  | 940,105    | 36.4                  | 867,695    | 39.8                  |
| 19 years old.....      | 252,680    | 13.8                  | 441,814    | 19.8                  | 509,380    | 20.9                  | 533,025    | 24.7                  |
| 20 years old.....      | 148,352    | 8.3                   | 291,446    | 13.1                  | 294,962    | 12.5                  | 392,160    | 17.0                  |

1 Excludes kindergarten enrollment, largely included in earlier enrollment figures.

Source: Department of Commerce, Bureau of the Census; U.S. Census of Population: 1950, Vol. II, Part 1.

No. 131. PERCENT DISTRIBUTION BY TYPE OF SCHOOL, OF PERSONS ENROLLED IN SCHOOL, BY AGE, COLOR, AND SEX: 1958

[As of October. Percent not shown where base is less than 150,000. See headnote, table 128]

| AGE AND SEX                       | WHITE          |                                   |             |                                | NONWHITE       |                                   |             |                                |
|-----------------------------------|----------------|-----------------------------------|-------------|--------------------------------|----------------|-----------------------------------|-------------|--------------------------------|
|                                   | Total enrolled | Elementary school or kindergarten | High school | College or professional school | Total enrolled | Elementary school or kindergarten | High school | College or professional school |
| <b>Total, 5 to 34 years.....</b>  | 100.0          | 69.4                              | 22.5        | 8.0                            | 100.0          | 76.9                              | 19.1        | 4.0                            |
| 5 to 13 years.....                | 100.0          | 98.1                              | 1.9         | —                              | 100.0          | 98.9                              | 1.1         | —                              |
| 14 to 17 years.....               | 100.0          | 89.3                              | 8.8         | 1.8                            | 100.0          | 22.0                              | 77.0        | 1.1                            |
| 18 to 24 years.....               | 100.0          | 0.4                               | 15.0        | 84.6                           | 100.0          | 2.7                               | 44.4        | 52.5                           |
| 25 to 34 years.....               | 100.0          | 0.8                               | 11.7        | 87.5                           | 100.0          | —                                 | —           | —                              |
| <b>Male, 5 to 34 years.....</b>   | 100.0          | 68.2                              | 21.7        | 10.1                           | 100.0          | 76.2                              | 18.9        | 4.8                            |
| 5 to 13 years.....                | 100.0          | 98.2                              | 1.8         | —                              | 100.0          | 98.0                              | 1.0         | —                              |
| 14 to 17 years.....               | 100.0          | 10.8                              | 87.6        | 1.6                            | 100.0          | 98.6                              | 1.3         | —                              |
| 18 to 24 years.....               | 100.0          | 0.5                               | 15.1        | 84.3                           | 100.0          | 1.7                               | 46.3        | 52.0                           |
| 25 to 34 years.....               | 100.0          | 0.8                               | 7.3         | 92.0                           | 100.0          | —                                 | —           | —                              |
| <b>Female, 5 to 34 years.....</b> | 100.0          | 70.8                              | 23.4        | 5.8                            | 100.0          | 77.5                              | 19.2        | 3.2                            |
| 5 to 13 years.....                | 100.0          | 97.9                              | 2.1         | —                              | 100.0          | 98.8                              | 1.2         | —                              |
| 14 to 17 years.....               | 100.0          | 6.7                               | 91.1        | 2.1                            | 100.0          | 15.7                              | 82.0        | 1.4                            |
| 18 to 24 years.....               | 100.0          | 0.2                               | 14.8        | 84.9                           | 100.0          | —                                 | —           | —                              |
| 25 to 34 years.....               | 100.0          | 0.5                               | 25.4        | 74.1                           | 100.0          | —                                 | —           | —                              |

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-20, No. 93.

**No. 132. SCHOOL ENROLLMENT BY TYPE OF SCHOOL IN WHICH ENROLLED, BY AGE AND SEX: 1950, 1955, AND 1958**

[In thousands. As of October. See headnote, table 128]

| TYPE OF SCHOOL, SEX, AND YEAR       | Total,<br>5 to 34<br>years | 5 to 13<br>years | 14 to 17<br>years | 18 and 19<br>years | 20 to 24<br>years | 25 to 29<br>years | 30 to 34<br>years |
|-------------------------------------|----------------------------|------------------|-------------------|--------------------|-------------------|-------------------|-------------------|
| <b>1950</b>                         |                            |                  |                   |                    |                   |                   |                   |
| <b>Total enrolled</b> .....         | 1 30,276                   | 20,716           | 6,953             | 1,190              | 959               | 358               | 1 100             |
| Elementary and kindergarten.....    | 21,406                     | 20,344           | 1,047             | 11                 | 3                 | 1                 | -----             |
| High school.....                    | 1 6,666                    | 372              | 5,726             | 451                | 58                | 33                | 1 16              |
| College or professional school..... | 1 2,214                    | -----            | 180               | 728                | 898               | 324               | 1 84              |
| <b>Males enrolled</b> .....         | 1 15,834                   | 10,523           | 3,541             | 667                | 692               | 332               | 1 79              |
| Elementary and kindergarten.....    | 11,003                     | 10,365           | 630               | 8                  | -----             | -----             | -----             |
| High school.....                    | 1 3,335                    | 159              | 2,839             | 271                | 39                | 18                | 1 9               |
| College or professional school..... | 1 1,496                    | -----            | 71                | 388                | 653               | 314               | 1 70              |
| <b>Females enrolled</b> .....       | 1 14,442                   | 10,193           | 3,412             | 523                | 267               | 26                | 1 21              |
| Elementary and kindergarten.....    | 10,403                     | 9,979            | 417               | 3                  | 3                 | 1                 | -----             |
| High school.....                    | 1 3,321                    | 213              | 2,887             | 180                | 19                | 15                | 1 7               |
| College or professional school..... | 1 718                      | -----            | 109               | 340                | 245               | 10                | 1 14              |
| <b>1955</b>                         |                            |                  |                   |                    |                   |                   |                   |
| <b>Total enrolled</b> .....         | 37,426                     | 26,548           | 7,970             | 1,232              | 1,010             | 475               | 192               |
| Elementary and kindergarten.....    | 27,086                     | 26,038           | 1,027             | 5                  | 9                 | 2                 | 4                 |
| High school.....                    | 7,961                      | 510              | 6,796             | 482                | 69                | 67                | 37                |
| College or professional school..... | 2,379                      | -----            | 147               | 745                | 931               | 406               | 150               |
| <b>Males enrolled</b> .....         | 19,573                     | 13,546           | 4,097             | 752                | 686               | 371               | 123               |
| Elementary and kindergarten.....    | 13,968                     | 13,356           | 607               | -----              | 6                 | -----             | -----             |
| High school.....                    | 4,026                      | 100              | 3,433             | 319                | 33                | 34                | 16                |
| College or professional school..... | 1,570                      | -----            | 57                | 432                | 647               | 337               | 107               |
| <b>Females enrolled</b> .....       | 17,853                     | 13,004           | 3,873             | 480                | 324               | 105               | 68                |
| Elementary and kindergarten.....    | 13,117                     | 12,683           | 420               | 5                  | 3                 | -----             | 4                 |
| High school.....                    | 3,936                      | 320              | 3,363             | 162                | 36                | 33                | 21                |
| College or professional school..... | 800                        | -----            | 90                | 313                | 285               | 69                | 43                |
| <b>1958</b>                         |                            |                  |                   |                    |                   |                   |                   |
| <b>Total enrolled</b> .....         | 42,900                     | 29,724           | 9,446             | 1,564              | 1,307             | 603               | 255               |
| Elementary and kindergarten.....    | 30,175                     | 29,179           | 971               | 10                 | 8                 | 4                 | 3                 |
| High school.....                    | 9,432                      | 545              | 8,308             | 440                | 78                | 65                | 46                |
| College or professional school..... | 3,242                      | -----            | 167               | 1,114              | 1,221             | 534               | 206               |
| <b>Males enrolled</b> .....         | 22,497                     | 15,182           | 4,854             | 898                | 915               | 483               | 165               |
| Elementary and kindergarten.....    | 15,555                     | 14,922           | 617               | 4                  | 7                 | 3                 | 2                 |
| High school.....                    | 4,813                      | 261              | 4,164             | 273                | 56                | 41                | 18                |
| College or professional school..... | 2,129                      | -----            | 73                | 621                | 850               | 439               | 146               |
| <b>Females enrolled</b> .....       | 20,404                     | 14,541           | 4,591             | 667                | 393               | 121               | 90                |
| Elementary and kindergarten.....    | 14,620                     | 14,257           | 354               | 6                  | 1                 | 1                 | 1                 |
| High school.....                    | 4,669                      | 284              | 4,144             | 167                | 22                | 24                | 28                |
| College or professional school..... | 1,113                      | -----            | 94                | 493                | 371               | 95                | 60                |

1 Estimated.

**No. 133. SCHOOL ENROLLMENT, IN PUBLIC AND PRIVATE SCHOOLS, OF PERSONS 5 TO 34 YEARS OLD: 1958**

[In thousands. As of October. See headnote, table 128]

| TYPE               | NUMBER ENROLLED   |                           |                |   | PERCENT ENROLLED  |                           |                |   |
|--------------------|-------------------|---------------------------|----------------|---|-------------------|---------------------------|----------------|---|
|                    | Kinder-<br>garten | Elemen-<br>tary<br>school | High<br>school | College<br>or pro-<br>fessional<br>school | Kinder-<br>garten | Elemen-<br>tary<br>school | High<br>school | College<br>or pro-<br>fessional<br>school |
| <b>Total</b> ..... | 1,991             | 28,184                    | 9,432          | 3,242                                     | 100.0             | 100.0                     | 100.0          | 100.0                                     |
| Public.....        | 1,509             | 23,800                    | 8,435          | 2,088                                     | 78.8              | 84.4                      | 89.5           | 64.4                                      |
| Private.....       | 422               | 4,385                     | 998            | 1,155                                     | 21.2              | 15.6                      | 10.5           | 35.6                                      |

 Source of tables 132 and 133: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, and records.

No. 134. ESTIMATES AND PROJECTIONS OF ELEMENTARY AND HIGH SCHOOL ENROLLMENTS, BY GRADE: 1952 TO 1965

[In thousands. As of October 1. Excludes data for Alaska and Hawaii. Data based on projected age-grade specific enrollment rates from the 1950 Census. Series A and B, and C imply the following assumptions regarding the projected number of births between 1953 and 1959: A and B—1950-53 reproductive level continues to at least 1960; C—1950-53 level declines to about the 1940 level by 1975. High school enrollment figures are based on projections of the population already born by July 1953; thus, only one series is shown for all years. These estimates were prepared in 1952 and differ somewhat from data for current years based on Current Population Survey shown in other tables]

| YEAR | Total enrollment | ELEMENTARY ENROLLMENT (EXCLUDING KINDERGARTEN) |         |         |         |         |         |         |         | HIGH SCHOOL ENROLLMENT |         |         |         |         |
|------|------------------|--|---------|---------|---------|---------|---------|---------|---------|------------------------|---------|---------|---------|---------|
|      |                  | Grade 1  | Grade 2 | Grade 3 | Grade 4 | Grade 5 | Grade 6 | Grade 7 | Grade 8 | Total                  | Grade 1 | Grade 2 | Grade 3 | Grade 4 |
| 1952 | 29,058           | 3,953  | 3,020   | 3,011   | 2,851   | 2,514   | 2,362   | 2,159   | 2,100   | 7,058                  | 2,062   | 1,902   | 1,561   | 1,503   |
| 1953 | 30,569           | 4,718  | 3,164   | 3,009   | 2,907   | 2,691   | 2,499   | 2,224   | 2,135   | 7,222                  | 2,107   | 1,953   | 1,625   | 1,537   |
| 1954 | 31,884           | 4,825  | 3,147   | 3,015   | 2,755   | 2,677   | 2,354   | 2,203   | 2,203   | 7,388                  | 2,146   | 2,001   | 1,674   | 1,567   |
| 1955 | 33,293           | 4,807  | 3,852   | 3,047   | 2,767   | 2,741   | 2,521   | 2,332   | 2,332   | 7,584                  | 2,222   | 2,042   | 1,718   | 1,612   |
| 1956 | 34,623           | 4,829  | 3,859   | 3,827   | 3,493   | 2,857   | 2,754   | 2,497   | 2,497   | 7,891                  | 2,304   | 2,120   | 1,765   | 1,632   |
| 1957 | 35,024           | 4,962  | 3,858   | 3,845   | 3,293   | 2,873   | 2,599   | 2,561   | 2,561   | 8,317                  | 2,536   | 2,262   | 1,823   | 1,720   |
| 1958 | 37,461           | 5,091  | 3,952   | 3,871   | 3,714   | 3,273   | 2,707   | 2,580   | 2,580   | 8,757                  | 2,601   | 2,434   | 1,960   | 1,732   |
| 1959 | 38,821           | 5,183  | 4,077   | 3,960   | 3,747   | 3,464   | 3,075   | 2,689   | 2,689   | 9,105                  | 2,614   | 2,491   | 2,112   | 1,888   |
| 1960 | 39,970           | 5,148  | 4,144   | 4,060   | 3,830   | 3,554   | 3,260   | 3,060   | 3,060   | 9,422                  | 2,733   | 2,503   | 2,157   | 2,029   |
| 1961 | 41,004           | 5,120  | 4,150   | 4,133   | 3,923   | 3,531   | 3,302   | 3,234   | 3,234   | 9,931                  | 3,123   | 2,631   | 2,166   | 2,073   |
| 1962 | 41,960           | 5,103  | 4,160   | 4,132   | 3,994   | 3,714   | 3,607   | 3,333   | 3,279   | 10,695                 | 3,252   | 3,020   | 2,238   | 2,104   |
| 1963 | 42,792           | 5,113  | 4,115   | 4,112   | 3,997   | 3,781   | 3,692   | 3,398   | 3,310   | 11,274                 | 3,224   | 3,200   | 2,646   | 2,536   |
| 1964 | 43,552           | 5,131  | 4,120   | 4,099   | 3,979   | 3,788   | 3,759   | 3,476   | 3,373   | 11,827                 | 3,277   | 3,216   | 2,788   | 2,634   |
| 1965 | 44,013           | 5,149  | 4,112   | 4,098   | 3,964   | 3,770   | 3,771   | 3,554   | 3,450   | 12,145                 | 3,454   | 3,215   | 2,789   | 2,634   |
| 1960 | 39,911           | 5,093  | 4,140   | 4,090   | 3,830   | 3,554   | 3,260   | 3,060   | 3,060   | 9,422                  | 2,733   | 2,503   | 2,157   | 2,029   |
| 1961 | 40,846           | 5,007  | 4,113   | 4,125   | 3,923   | 3,627   | 3,334   | 3,302   | 3,234   | 9,931                  | 3,123   | 2,631   | 2,166   | 2,073   |
| 1962 | 41,663           | 4,980  | 4,051   | 4,095   | 3,996   | 3,714   | 3,607   | 3,333   | 3,279   | 10,695                 | 3,252   | 3,020   | 2,238   | 2,104   |
| 1963 | 42,309           | 4,876  | 3,992   | 4,033   | 3,961   | 3,774   | 3,691   | 3,398   | 3,310   | 11,274                 | 3,224   | 3,200   | 2,646   | 2,536   |
| 1964 | 42,835           | 4,832  | 3,942   | 3,974   | 3,905   | 3,756   | 3,751   | 3,476   | 3,373   | 11,827                 | 3,277   | 3,216   | 2,788   | 2,634   |
| 1965 | 43,031           | 4,787  | 3,881   | 3,925   | 3,846   | 3,703   | 3,743   | 3,551   | 3,450   | 12,145                 | 3,454   | 3,215   | 2,789   | 2,634   |

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-23, No. 85.

**No. 135. PERSONS 14 YEARS OLD AND OVER, BY YEARS OF SCHOOL COMPLETED, BY AGE AND SEX: 1957**

[In thousands. As of March]

| AGE AND SEX            | Total,<br>14 years<br>and<br>over | YEARS OF SCHOOL COMPLETED |                   |                 |         |                 |         |                 |                    | School<br>years<br>not<br>re-<br>ported | Median<br>school<br>years<br>com-<br>pleted |
|------------------------|-----------------------------------|---------------------------|-------------------|-----------------|---------|-----------------|---------|-----------------|--------------------|---|---|
|                        |                                   | None                      | Elementary school |                 |         | High school     |         | College         |                    |   |   |
|                        |                                   |                           | 1 to 4<br>years   | 5 to 7<br>years | 8 years | 1 to 3<br>years | 4 years | 1 to 3<br>years | 4 years<br>or more |   |   |
| <b>Total</b> .....     | 119,333                           | 2,377                     | 6,739             | 14,842          | 20,567  | 25,544          | 30,710  | 8,952           | 7,637              | 1,965                                   | 10.7  |
| 14 to 17 years.....    | 9,877                             | 31                        | 150               | 1,850           | 2,569   | 5,122           | 98      | 16              | -----              | 41                                      | 9.2   |
| 18 to 24 years.....    | 13,326                            | 98                        | 276               | 786             | 888     | 3,471           | 5,780   | 1,951           | 465                | 111                                     | 12.2  |
| 25 to 44 years.....    | 40,550                            | 406                       | 1,482             | 3,933           | 5,492   | 9,747           | 16,758  | 4,036           | 4,245              | 451                                     | 12.1  |
| 45 years and over..... | 49,080                            | 1,842                     | 4,831             | 8,273           | 11,618  | 7,204           | 8,074   | 2,949           | 2,927              | 1,362                                   | 8.8   |
| <b>Male</b> .....      | 57,470                            | 1,206                     | 3,734             | 7,603           | 10,244  | 12,025          | 12,541  | 4,433           | 4,572              | 1,112                                   | 10.3  |
| 14 to 17 years.....    | 4,981                             | 18                        | 97                | 1,082           | 1,206   | 2,432           | 27      | 8               | -----              | 21                                      | 9.0   |
| 18 to 24 years.....    | 6,281                             | 45                        | 170               | 409             | 426     | 1,590           | 2,284   | 1,078           | 213                | 66                                      | 12.2  |
| 25 to 44 years.....    | 22,637                            | 205                       | 854               | 2,054           | 2,838   | 4,738           | 6,929   | 2,007           | 2,680              | 272                                     | 12.1  |
| 45 years and over..... | 23,571                            | 938                       | 2,613             | 4,068           | 5,684   | 3,265           | 3,301   | 1,280           | 1,679              | 753                                     | 8.7   |
| <b>Female</b> .....    | 61,863                            | 1,171                     | 3,005             | 7,239           | 10,323  | 13,519          | 18,169  | 4,519           | 3,065              | 853                                     | 10.9  |
| 14 to 17 years.....    | 4,896                             | 13                        | 53                | 768             | 1,273   | 2,690           | 71      | 8               | -----              | 20                                      | 9.4   |
| 18 to 24 years.....    | 7,545                             | 53                        | 106               | 377             | 462     | 1,881           | 3,496   | 873             | 252                | 45                                      | 12.2  |
| 25 to 44 years.....    | 23,913                            | 201                       | 628               | 1,879           | 2,654   | 5,009           | 9,829   | 1,909           | 1,565              | 170                                     | 12.2  |
| 45 years and over..... | 25,509                            | 904                       | 2,218             | 4,215           | 5,034   | 3,939           | 4,773   | 1,669           | 1,248              | 600                                     | 8.9   |

 Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 77.

**No. 136. PERSONS 25 YEARS OLD AND OVER, BY YEARS OF SCHOOL COMPLETED, BY COLOR AND SEX: 1940 AND 1950**

[In thousands. As of April. 1950 statistics are estimates based on 20-percent sample; see source for sampling variability. Figures differ from corresponding items in table 141 because of different tabulations; see text, p. 1]

| YEAR AND SEX          | Popula-<br>tion,<br>25 years<br>and<br>over <sup>1</sup> | YEARS OF SCHOOL COMPLETED            |                 |         |                 |         |                 | Median<br>school<br>years<br>com-<br>pleted <sup>3</sup> |                    |
|-----------------------|--|--------------------------------------|-----------------|---------|-----------------|---------|-----------------|--|--------------------|
|                       |  | Elementary school                    |                 |         | High school     |         | College         |  |                    |
|                       |  | Less<br>than 5<br>years <sup>2</sup> | 5 to 7<br>years | 8 years | 1 to 3<br>years | 4 years | 1 to 3<br>years |  | 4 years<br>or more |
| <b>1940</b>           |  |                                      |                 |         |                 |         |                 |  |                    |
| <b>Total</b> .....    | 74,776   | 10,105                               | 13,656          | 20,757  | 11,182          | 10,552  | 4,075           | 3,407  | 8.6                |
| Male.....             | 37,403   | 5,550                                | 7,008           | 10,631  | 5,333           | 4,507   | 1,824           | 2,021  | 8.6                |
| Female.....           | 37,313   | 4,554                                | 6,648           | 10,125  | 5,849           | 6,044   | 2,251           | 1,386  | 8.7                |
| <b>White</b> .....    | 68,000   | 7,322                                | 11,662          | 19,967  | 10,604          | 10,255  | 3,949           | 3,320  | 8.7                |
| Male.....             | 34,114   | 4,035                                | 6,086           | 10,258  | 5,090           | 4,381   | 1,770           | 1,975  | 8.7                |
| Female.....           | 33,886   | 3,287                                | 5,576           | 9,708   | 5,514           | 5,874   | 2,179           | 1,344  | 8.8                |
| <b>Nonwhite</b> ..... | 6,776  | 2,782                                | 1,994           | 790     | 578             | 296     | 127             | 88   | 5.8                |
| Male.....             | 3,349  | 1,616                                | 922             | 373     | 243             | 126     | 54              | 40   | 5.4                |
| Female.....           | 3,427  | 1,267                                | 1,072           | 417     | 335             | 170     | 72              | 42   | 6.1                |
| <b>1950</b>           |  |                                      |                 |         |                 |         |                 |  |                    |
| <b>Total</b> .....    | 87,483   | 9,446                                | 13,911          | 17,706  | 14,801          | 17,664  | 6,259           | 5,285  | 9.3                |
| Male.....             | 42,628   | 5,053                                | 6,994           | 8,822   | 6,976           | 7,511   | 2,903           | 3,027  | 9.0                |
| Female.....           | 44,855   | 4,393                                | 6,917           | 8,884   | 7,824           | 10,153  | 3,356           | 2,258  | 9.0                |
| <b>White</b> .....    | 79,339   | 6,884                                | 11,692          | 16,770  | 13,738          | 17,005  | 6,020           | 5,108  | 9.7                |
| Male.....             | 38,684   | 3,659                                | 5,970           | 8,396   | 6,519           | 7,227   | 2,793           | 2,946  | 9.3                |
| Female.....           | 40,655   | 3,225                                | 5,722           | 8,374   | 7,219           | 9,778   | 3,227           | 2,162  | 10.0               |
| <b>Nonwhite</b> ..... | 8,145  | 2,562                                | 2,219           | 936     | 1,062           | 659     | 239             | 177  | 6.9                |
| Male.....             | 3,945  | 1,304                                | 1,024           | 426     | 458             | 284     | 110             | 81   | 6.4                |
| Female.....           | 4,200  | 1,258                                | 1,195           | 510     | 605             | 375     | 129             | 96   | 7.2                |

<sup>1</sup> Includes 1,042,000 persons for 1940 and 2,413,000 persons for 1950, not reported by years of school completed and not shown separately in this table.

<sup>2</sup> Includes persons reporting no school years completed.

<sup>3</sup> Medians computed on basis of more detailed years of school completed.

 Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1950*, Vol. II, Part 1.

No. 137. CUMULATIVE LEVEL OF SCHOOLING COMPLETED FOR PERSONS 25 YEARS OLD AND OVER, BY COLOR, MARITAL STATUS, AND SEX: 1957

[As of March. See headnote, table 128]

| COLOR, MARITAL STATUS, AND SEX | Total population, 25 years and over (1,000) | PERCENT BY LEVEL OF SCHOOLING COMPLETED |  |                              |                        |                    |                           |
|--------------------------------|---|---|--|------------------------------|------------------------|--------------------|---------------------------|
|                                |   | Total                                   | Completed less than 8 years of elementary school | Completed at least—          |                        |                    | School years not reported |
|                                |   |   |  | 8 years of elementary school | 4 years of high school | 4 years of college |                           |
| <b>COLOR</b>                   |   |   |  |                              |                        |                    |                           |
| Male.....                      | 46,208                                      | 100.0                                   | 23.2   | 74.6                         | 38.8                   | 9.4                | 2.2                       |
| White.....                     | 41,938                                      | 100.0                                   | 20.1   | 77.9                         | 41.1                   | 10.1               | 2.0                       |
| Nonwhite.....                  | 4,270                                       | 100.0                                   | 53.5   | 42.4                         | 16.3                   | 2.6                | 4.1                       |
| <b>Female</b>                  |   |   |  |                              |                        |                    |                           |
| White.....                     | 49,422                                      | 100.0                                   | 20.3   | 78.1                         | 42.6                   | 5.7                | 1.6                       |
| Nonwhite.....                  | 44,888                                      | 100.0                                   | 17.4   | 81.0                         | 45.1                   | 6.0                | 1.6                       |
| Nonwhite.....                  | 4,734                                       | 100.0                                   | 47.8   | 50.2                         | 19.3                   | 2.9                | 1.9                       |
| <b>MARITAL STATUS</b>          |   |   |  |                              |                        |                    |                           |
| Male.....                      | 46,208                                      | 100.0                                   | 23.2   | 74.6                         | 38.8                   | 9.4                | 2.2                       |
| Single.....                    | 4,792                                       | 100.0                                   | 23.1   | 71.9                         | 40.8                   | 12.7               | 5.0                       |
| Married.....                   | 38,214                                      | 100.0                                   | 21.8   | 76.7                         | 40.1                   | 9.5                | 1.5                       |
| Widowed or divorced.....       | 3,202                                       | 100.0                                   | 40.2   | 53.4                         | 19.9                   | 3.9                | 6.4                       |
| <b>Female</b>                  |   |   |  |                              |                        |                    |                           |
| Single.....                    | 49,422                                      | 100.0                                   | 20.3   | 78.1                         | 42.6                   | 5.7                | 1.6                       |
| Married.....                   | 3,749                                       | 100.0                                   | 15.6   | 81.1                         | 55.6                   | 16.2               | 3.3                       |
| Married.....                   | 36,612                                      | 100.0                                   | 17.6   | 81.6                         | 45.5                   | 5.2                | 0.9                       |
| Widowed or divorced.....       | 9,061                                       | 100.0                                   | 33.5   | 63.0                         | 25.7                   | 3.4                | 3.6                       |

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 77.

No. 138. PERCENT DISTRIBUTION BY YEARS OF SCHOOL COMPLETED FOR THE LABOR FORCE 18 TO 64 YEARS OLD, BY SEX: 1940 TO 1957

[Excludes persons for whom years of school completed was not reported. See headnote, table 128]

| YEARS OF SCHOOL COMPLETED               | BOTH SEXES              |              |              |            | MALE                    |              |              |            | FEMALE                  |              |              |            |
|---|-------------------------|--------------|--------------|------------|-------------------------|--------------|--------------|------------|-------------------------|--------------|--------------|------------|
|   | April 1940 <sup>1</sup> | October 1948 | October 1952 | March 1957 | April 1940 <sup>1</sup> | October 1948 | October 1952 | March 1957 | April 1940 <sup>1</sup> | October 1948 | October 1952 | March 1957 |
| <b>Total.....</b>                       | 100.0                   | 100.0        | 100.0        | 100.0      | 100.0                   | 100.0        | 100.0        | 100.0      | 100.0                   | 100.0        | 100.0        | 100.0      |
| <b>Elementary:</b>                      |                         |              |              |            |                         |              |              |            |                         |              |              |            |
| Less than 5 years.....                  | 8.7                     | 7.3          | 6.8          | 5.6        | 9.6                     | 7.9          | 7.0          | 6.3        | 6.3                     | 5.7          | 5.2          | 3.9        |
| 5 to 8 years.....                       | 39.4                    | 32.4         | 29.5         | 26.2       | 42.7                    | 34.0         | 31.6         | 28.2       | 30.4                    | 28.0         | 25.1         | 21.9       |
| <b>High school:</b>                     |                         |              |              |            |                         |              |              |            |                         |              |              |            |
| 1 to 3 years.....                       | 18.1                    | 19.7         | 19.0         | 19.8       | 18.1                    | 20.7         | 19.4         | 20.1       | 18.1                    | 17.3         | 18.2         | 19.1       |
| 4 years.....                            | 20.3                    | 26.5         | 27.9         | 30.5       | 17.2                    | 23.6         | 24.7         | 27.2       | 28.7                    | 33.4         | 34.7         | 37.3       |
| <b>College:</b>                         |                         |              |              |            |                         |              |              |            |                         |              |              |            |
| 1 to 3 years.....                       | 7.0                     | 7.4          | 8.6          | 8.8        | 6.2                     | 7.1          | 8.4          | 8.5        | 9.3                     | 8.2          | 9.1          | 9.3        |
| 4 years or more.....                    | 6.4                     | 6.7          | 8.2          | 9.2        | 6.2                     | 6.7          | 8.4          | 9.6        | 7.2                     | 6.8          | 7.8          | 8.4        |
| <b>Median school years completed...</b> | 9.3                     | 10.6         | 11.2         | 11.8       | 8.8                     | 10.2         | 10.7         | 11.3       | 10.2                    | 11.7         | 12.0         | 12.1       |

<sup>1</sup> 1940 Census of Population figures revised for comparability with current labor force estimates.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50, No. 78.

**No. 139. PERCENT DISTRIBUTION BY TOTAL MONEY INCOME OF PERSONS 14 YEARS OLD AND OVER, BY YEARS OF SCHOOL COMPLETED AND SEX: 1956**

[Education data as of March 1957. Based on about three-fourths of all sample households; see source. See also headnote, table 128]

| TOTAL MONEY INCOME AND SEX        | Total <sup>1</sup> | ELEMENTARY SCHOOL              |              | HIGH SCHOOL  |              | COLLEGE      |                 | Median years of school completed |
|-----------------------------------|--------------------|--------------------------------|--------------|--------------|--------------|--------------|-----------------|----------------------------------|
|                                   |                    | Less than 8 years <sup>2</sup> | 8 years      | 1 to 3 years | 4 years      | 1 to 3 years | 4 years or more |                                  |
| <b>MALE</b>                       |                    |                                |              |              |              |              |                 |                                  |
| Number.....1,000.....             | 56,591             | 12,244                         | 10,156       | 11,869       | 12,469       | 4,417        | 4,568           | 10.5                             |
| Number with income.....1,000..... | 52,016             | 10,981                         | 9,027        | 10,355       | 12,224       | 4,212        | 4,483           | 10.7                             |
| <b>Percent</b> .....              | <b>100.0</b>       | <b>100.0</b>                   | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b>    |                                  |
| Under \$1,000.....                | 17.2               | 29.8                           | 18.2         | 20.7         | 7.0          | 14.0         | 4.0             | 8.6                              |
| \$1,000 to \$1,999.....           | 11.7               | 20.0                           | 13.4         | 9.0          | 8.4          | 8.9          | 5.1             | 8.6                              |
| \$2,000 to \$2,999.....           | 12.1               | 16.8                           | 14.4         | 10.9         | 10.5         | 8.3          | 6.0             | 8.9                              |
| \$3,000 to \$3,999.....           | 14.8               | 14.0                           | 17.5         | 16.3         | 15.6         | 11.7         | 8.8             | 10.1                             |
| \$4,000 to \$4,999.....           | 15.9               | 9.7                            | 16.8         | 18.1         | 20.6         | 15.5         | 12.6            | 11.3                             |
| \$5,000 to \$5,999.....           | 11.9               | 5.6                            | 10.1         | 13.7         | 16.8         | 13.5         | 13.2            | 12.2                             |
| \$6,000 to \$9,999.....           | 12.7               | 3.5                            | 8.3          | 10.2         | 17.5         | 21.0         | 31.0            | 12.5                             |
| \$10,000 and over.....            | 3.6                | 0.5                            | 1.3          | 1.2          | 3.5          | 7.1          | 19.4            | 15.0                             |
| Median income.....                | \$3,608            | \$2,012                        | \$3,229      | \$3,577      | \$4,413      | \$4,458      | \$6,038         |                                  |
| <b>FEMALE</b>                     |                    |                                |              |              |              |              |                 |                                  |
| Number.....1,000.....             | 61,304             | 11,198                         | 10,224       | 13,488       | 18,137       | 4,500        | 3,055           | 11.1                             |
| Number with income.....1,000..... | 31,823             | 5,899                          | 4,845        | 6,606        | 9,399        | 2,631        | 2,145           | 11.3                             |
| <b>Percent</b> .....              | <b>100.0</b>       | <b>100.0</b>                   | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b> | <b>100.0</b>    |                                  |
| Under \$1,000.....                | 46.9               | 69.2                           | 52.3         | 53.2         | 32.4         | 36.5         | 24.3            | 9.5                              |
| \$1,000 to \$1,999.....           | 19.3               | 17.6                           | 23.8         | 20.4         | 19.6         | 18.4         | 11.5            | 10.8                             |
| \$2,000 to \$2,999.....           | 15.7               | 9.3                            | 13.9         | 14.6         | 22.0         | 16.5         | 13.2            | 12.1                             |
| \$3,000 to \$3,999.....           | 11.0               | 3.0                            | 7.0          | 7.7          | 17.5         | 14.8         | 20.0            | 12.4                             |
| \$4,000 to \$4,999.....           | 4.3                | 0.7                            | 2.0          | 2.9          | 5.8          | 7.3          | 15.1            | 12.6                             |
| \$5,000 to \$5,999.....           | 1.5                | 0.1                            | 0.6          | 0.7          | 1.7          | 4.1          | 6.7             | 13.0                             |
| \$6,000 to \$9,999.....           | 0.9                |                                | 0.1          | 0.4          | 0.8          | 1.8          | 7.1             | 15.8                             |
| \$10,000 and over.....            | 0.2                | 0.1                            | 0.1          |              | 0.3          | 0.7          | 2.0             | 14.9                             |
| Median income.....                | \$1,146            | \$724                          | \$957        | \$941        | \$1,898      | \$1,734      | \$3,050         |                                  |

<sup>1</sup> Includes persons not reporting years of school completed, not shown separately.

<sup>2</sup> Includes persons without schooling.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 27.

**No. 140. MEDIAN INCOME IN 1949, FOR MALES 25 YEARS OLD AND OVER WITH INCOME, BY AGE AND YEARS OF SCHOOL COMPLETED: 1950**

[As of April. Based on 3 1/4-percent sample; see source for sampling variability. Median not shown where bases less than 3,000]

| AGE                           | Total <sup>1</sup> | MEDIAN INCOME, BY YEARS OF SCHOOL COMPLETED |                |                |                |                |                |                |                 |
|-------------------------------|--------------------|---|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
|                               |                    | None  | Elementary     |                |                | High school    |                | College        |                 |
|                               |                    |   | 1 to 4 years   | 5 to 7 years   | 8 years        | 1 to 3 years   | 4 years        | 1 to 3 years   | 4 years or more |
| <b>Total 25 and over.....</b> | <b>\$2,699</b>     | <b>\$1,108</b>                              | <b>\$1,365</b> | <b>\$2,035</b> | <b>\$2,533</b> | <b>\$2,917</b> | <b>\$3,285</b> | <b>\$3,522</b> | <b>\$4,407</b>  |
| 25 to 29 years.....           | 2,538              | 1,016                                       | 1,281          | 1,763          | 2,255          | 2,573          | 2,892          | 2,764          | 2,928           |
| 30 to 34 years.....           | 2,968              | 1,133                                       | 1,453          | 2,038          | 2,557          | 2,922          | 3,308          | 3,591          | 4,227           |
| 35 to 44 years.....           | 3,085              | 1,267                                       | 1,562          | 2,252          | 2,803          | 3,178          | 3,523          | 3,962          | 5,142           |
| 45 to 54 years.....           | 2,980              | 1,465                                       | 1,741          | 2,371          | 2,912          | 3,209          | 3,687          | 4,099          | 5,549           |
| 55 to 64 years.....           | 2,553              | 1,736                                       | 1,727          | 2,172          | 2,601          | 2,927          | 3,436          | 3,601          | 5,142           |
| 65 to 74 years.....           | 1,379              | 827   | 846            | 1,164          | 1,505          | 1,771          | 2,262          | 2,362          | 3,597           |
| 75 years and over.....        | 757                | 491   | 569            | 690            | 800            | 947            | 1,217          | 1,328          | 1,892           |

<sup>1</sup> Includes a small number for whom years of school completed was not reported.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1950*, Vol. IV, Part 5B.

No. 141. YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS OLD AND OVER, BY STATES AND FOR PUERTO RICO: 1950

[Population in thousands. Based on 20-percent sample; see source for sampling variability. These figures differ from corresponding figures in table 136 because of different tabulations; see text, p. 1. For definition of median, see p. 103]

| STATE OR OTHER AREA      | Population 25 years old and over <sup>1</sup> | YEARS OF SCHOOL COMPLETED      |              |         |              |         |              |                 | MEDIAN SCHOOL YEARS COMPLETED |      |        |       |           |
|--------------------------|---|--------------------------------|--------------|---------|--------------|---------|--------------|-----------------|-------------------------------|------|--------|-------|-----------|
|                          |   | Elementary school              |              |         | High school  |         | College      |                 | All classes                   |      |        | White | Non-white |
|                          |   | Less than 5 years <sup>2</sup> | 5 to 7 years | 8 years | 1 to 3 years | 4 years | 1 to 3 years | 4 years or more | Total                         | Male | Female |       |           |
| Cont. U.S.               | 87,571  | 9,455                          | 13,962       | 17,742  | 14,858       | 17,679  | 6,262        | 5,284           | 9.3                           | 9.0  | 9.6    | 9.7   | 6.9       |
| N.E.                     | 5,675   | 451                            | 750          | 1,082   | 1,061        | 1,416   | 390          | 380             | 10.4                          | 10.1 | 10.6   | 10.4  | 8.7       |
| Maine.....               | 517   | 34                             | 65           | 114     | 103          | 131     | 35           | 25              | 10.2                          | 9.5  | 10.8   | 10.2  | 8.5       |
| N.H.....                 | 316   | 20                             | 40           | 78      | 55           | 72      | 23           | 19              | 9.8                           | 9.4  | 10.3   | 9.9   | 8.8       |
| Vt.....                  | 212   | 12                             | 24           | 57      | 40           | 48      | 18           | 12              | 10.0                          | 9.1  | 10.7   | 10.0  | 8.8       |
| Mass.....                | 2,901   | 229                            | 370          | 465     | 560          | 788     | 208          | 208             | 10.9                          | 10.6 | 11.1   | 10.9  | 9.1       |
| R.I.....                 | 479   | 46                             | 85           | 90      | 97           | 93      | 26           | 28              | 9.3                           | 9.3  | 9.4    | 9.4   | 8.5       |
| Conn.....                | 1,249   | 110                            | 166          | 277     | 206          | 283     | 81           | 87              | 9.8                           | 9.5  | 10.0   | 9.8   | 8.4       |
| M.A.                     | 18,774  | 1,767                          | 2,749        | 4,220   | 3,174        | 3,998   | 1,026        | 1,241           | 9.3                           | 9.2  | 9.4    | 9.5   | 8.4       |
| N.Y.....                 | 9,437   | 894                            | 1,221        | 2,097   | 1,588        | 2,025   | 551          | 695             | 9.6                           | 9.6  | 9.6    | 9.7   | 8.0       |
| N.J.....                 | 3,044   | 281                            | 461          | 683     | 513          | 653     | 170          | 206             | 9.3                           | 9.3  | 9.3    | 9.5   | 8.1       |
| Pa.....                  | 6,293   | 591                            | 1,007        | 1,440   | 1,074        | 1,319   | 305          | 340             | 9.0                           | 8.9  | 9.1    | 9.0   | 8.2       |
| E.N.C.                   | 18,102  | 1,320                          | 2,424        | 4,491   | 3,187        | 3,981   | 1,250        | 1,011           | 9.6                           | 9.2  | 9.9    | 9.7   | 8.4       |
| Ohio.....                | 4,745   | 329                            | 663          | 1,081   | 858          | 1,098   | 321          | 271             | 9.9                           | 9.6  | 10.2   | 10.0  | 8.4       |
| Ind.....                 | 2,289   | 151                            | 312          | 583     | 395          | 538     | 146          | 120             | 9.6                           | 9.2  | 9.9    | 9.7   | 8.3       |
| Ill.....                 | 5,393   | 421                            | 674          | 1,425   | 880          | 1,135   | 385          | 318             | 9.3                           | 9.1  | 9.5    | 9.5   | 8.5       |
| Mich.....                | 3,068   | 276                            | 402          | 802     | 754          | 802     | 252          | 194             | 9.9                           | 9.5  | 10.2   | 10.0  | 8.5       |
| Wis.....                 | 2,006   | 143                            | 293          | 590     | 270          | 409     | 146          | 108             | 8.9                           | 8.8  | 9.1    | 8.9   | 8.4       |
| W.N.C.                   | 8,243   | 509                            | 1,074        | 2,412   | 1,184        | 1,741   | 674          | 433             | 9.0                           | 8.9  | 9.8    | 9.1   | 8.2       |
| Minn.....                | 1,725   | 100                            | 223          | 535     | 230          | 351     | 150          | 97              | 9.0                           | 8.8  | 9.8    | 9.0   | 8.8       |
| Iowa.....                | 1,630   | 60                             | 183          | 430     | 240          | 373     | 127          | 78              | 8.8                           | 9.0  | 10.7   | 9.9   | 8.6       |
| Mo.....                  | 2,404   | 204                            | 370          | 700     | 339          | 437     | 159          | 119             | 8.8                           | 8.8  | 8.9    | 8.9   | 8.0       |
| N. Dak.....              | 326   | 20                             | 52           | 107     | 34           | 53      | 31           | 15              | 8.7                           | 8.6  | 8.9    | 8.8   | 7.0       |
| S. Dak.....              | 357   | 21                             | 43           | 119     | 46           | 68      | 36           | 18              | 8.9                           | 8.8  | 8.9    | 8.9   | 8.1       |
| Nebr.....                | 773   | 38                             | 82           | 212     | 122          | 191     | 67           | 39              | 10.1                          | 9.3  | 10.8   | 10.1  | 8.8       |
| Kans.....                | 1,119   | 56                             | 121          | 300     | 173          | 268     | 104          | 67              | 10.2                          | 9.4  | 10.8   | 10.3  | 8.7       |
| S.A.                     | 11,359  | 2,017                          | 2,752        | 1,379   | 1,892        | 1,602   | 754          | 673             | 8.6                           | 8.3  | 8.8    | 9.2   | 5.9       |
| Del.....                 | 189   | 18                             | 31           | 32      | 30           | 39      | 11           | 14              | 9.8                           | 9.4  | 10.2   | 10.4  | 7.2       |
| Md.....                  | 1,362   | 149                            | 318          | 206     | 222          | 243     | 82           | 95              | 8.9                           | 8.8  | 9.0    | 9.5   | 6.9       |
| D.C.....                 | 525   | 36                             | 71           | 61      | 80           | 126     | 57           | 68              | 12.0                          | 11.7 | 12.1   | 12.4  | 8.8       |
| Va.....                  | 1,800   | 315                            | 489          | 153     | 281          | 262     | 133          | 113             | 8.5                           | 8.0  | 8.8    | 9.3   | 6.1       |
| W. Va.....               | 1,040   | 143                            | 232          | 258     | 136          | 152     | 57           | 45              | 8.5                           | 8.4  | 8.6    | 8.6   | 7.6       |
| N.C.....                 | 2,020   | 425                            | 590          | 182     | 367          | 191     | 120          | 102             | 7.9                           | 7.6  | 8.2    | 8.6   | 5.9       |
| S.C.....                 | 1,007   | 276                            | 261          | 86      | 180          | 78      | 55           | 54              | 7.6                           | 7.3  | 7.9    | 9.0   | 4.8       |
| Ga.....                  | 1,778   | 430                            | 470          | 167     | 303          | 176     | 106          | 79              | 7.8                           | 7.5  | 8.1    | 8.8   | 4.9       |
| Fla.....                 | 1,637   | 224                            | 274          | 284     | 284          | 335     | 132          | 103             | 9.6                           | 9.2  | 10.0   | 10.0  | 5.8       |
| E.S.C.                   | 5,942   | 1,204                          | 1,387        | 1,038   | 864          | 778     | 319          | 229             | 8.3                           | 8.1  | 8.5    | 8.7   | 5.7       |
| Ky.....                  | 1,653   | 200                            | 330          | 407     | 187          | 199     | 82           | 59              | 8.4                           | 8.3  | 8.5    | 8.5   | 7.3       |
| Tenn.....                | 1,757   | 322                            | 403          | 322     | 251          | 254     | 101          | 72              | 8.4                           | 8.3  | 8.6    | 8.6   | 6.6       |
| Ala.....                 | 1,659   | 352                            | 416          | 103     | 261          | 194     | 78           | 57              | 7.9                           | 7.7  | 8.2    | 8.8   | 5.4       |
| Miss.....                | 1,073   | 270                            | 239          | 146     | 165          | 132     | 58           | 41              | 8.1                           | 7.7  | 8.4    | 9.0   | 5.1       |
| W.S.C.                   | 7,871   | 1,404                          | 1,612        | 1,044   | 1,438        | 1,179   | 580          | 429             | 8.8                           | 8.6  | 9.0    | 9.3   | 6.0       |
| Ark.....                 | 1,001   | 198                            | 233          | 183     | 157          | 129     | 52           | 31              | 8.3                           | 8.2  | 8.5    | 8.7   | 5.6       |
| La.....                  | 1,415   | 406                            | 325          | 135     | 205          | 161     | 78           | 67              | 7.6                           | 7.4  | 7.9    | 8.8   | 4.6       |
| Okla.....                | 1,243   | 137                            | 218          | 247     | 202          | 228     | 105          | 77              | 9.1                           | 8.9  | 9.6    | 9.4   | 7.8       |
| Tex.....                 | 4,213   | 664                            | 830          | 479     | 874          | 662     | 345          | 254             | 9.3                           | 8.9  | 9.6    | 9.7   | 7.0       |
| Mt.                      | 2,724   | 234                            | 312          | 524     | 465          | 627     | 295          | 195             | 10.7                          | 10.0 | 11.3   | 10.8  | 7.3       |
| Mont.....                | 336   | 21                             | 40           | 84      | 51           | 74      | 36           | 20              | 10.1                          | 9.0  | 11.2   | 10.2  | 8.0       |
| Idaho.....               | 314   | 15                             | 32           | 76      | 59           | 73      | 36           | 17              | 10.6                          | 9.8  | 11.3   | 10.6  | 8.4       |
| Wyo.....                 | 168   | 9                              | 16           | 32      | 28           | 39      | 17           | 11              | 11.1                          | 10.2 | 12.0   | 11.1  | 8.5       |
| Colo.....                | 757   | 53                             | 84           | 155     | 123          | 179     | 81           | 62              | 10.9                          | 10.2 | 11.5   | 10.9  | 9.8       |
| N. Mex.....              | 326   | 59                             | 60           | 44      | 50           | 59      | 30           | 22              | 9.3                           | 9.0  | 9.7    | 9.5   | 5.8       |
| Ariz.....                | 303   | 56                             | 52           | 62      | 64           | 81      | 38           | 29              | 10.0                          | 9.5  | 10.5   | 10.6  | 5.5       |
| Utah.....                | 344   | 15                             | 28           | 54      | 72           | 96      | 46           | 26              | 12.0                          | 11.8 | 12.0   | 12.0  | 8.0       |
| Nev.....                 | 97  | 7                              | 9            | 16      | 18           | 25      | 11           | 7               | 11.5                          | 10.8 | 12.0   | 11.7  | 7.4       |
| Pac.                     | 8,880   | 549                            | 902          | 1,553   | 1,592        | 2,357   | 974          | 695             | 11.5                          | 11.0 | 11.9   | 11.6  | 8.9       |
| Wash.....                | 1,412   | 66                             | 141          | 204     | 252          | 370     | 146          | 102             | 11.2                          | 10.5 | 11.8   | 11.3  | 8.8       |
| Oreg.....                | 910   | 39                             | 91           | 207     | 168          | 229     | 93           | 61              | 10.0                          | 10.2 | 11.6   | 10.9  | 8.0       |
| Calif.....               | 6,558   | 445                            | 670          | 1,052   | 1,172        | 1,759   | 735          | 533             | 11.6                          | 11.2 | 11.9   | 11.8  | 8.0       |
| Alaska <sup>3</sup>      | 67  | 0                              | 6            | 10      | 11           | 17      | 8            | 5               | 11.3                          | 10.8 | 12.1   | 12.2  | 4.0       |
| Hawaii <sup>4</sup>      | 247   | 59                             | 40           | 32      | 36           | 49      | 13           | 15              | 8.7                           | 8.6  | 8.9    | (4)   | (1)       |
| Puerto Rico <sup>5</sup> | 842   | 546                            | 137          | 58      | 40           | 30      | 14           | 15              | 3.7                           | 4.1  | 3.3    | 3.8   | 3.4       |

<sup>1</sup> Includes persons for whom years of school completed was not reported, not shown separately.

<sup>2</sup> Includes persons reporting no school years completed.

<sup>3</sup> Based on complete-count data. <sup>4</sup> Not available.

**No. 142. PROJECTIONS OF EDUCATIONAL ATTAINMENT FOR PERSONS 25 YEARS OLD AND OVER, BY SEX: 1960 TO 1980**

[In thousands. As of spring of year. Excludes data for Alaska and Hawaii. Data based on projected age-grade specific attainment rates from the 1950 Census and Current Population Surveys of October 1952 and March 1957. Series A and B in 1970 and 1980 imply the following assumptions regarding trends in educational attainment: A—continuation of short-term past trends in attainment of younger adult age groups; B—continuation of long-term past trends in attainment of younger adult age groups. Figures are based on projections of population as published in Series P-25, No. 187]

| DATE AND SEX               | Total population | YEARS OF SCHOOL COMPLETED |                   |              |               |               |               |               |                 | Median school years completed |
|----------------------------|------------------|---------------------------|-------------------|--------------|---------------|---------------|---------------|---------------|-----------------|-------------------------------|
|                            |                  | None                      | Elementary school |              |               | High school   |               | College       |                 |                               |
|                            |                  |                           | 1 to 4 years      | 5 to 7 years | 8 years       | 1 to 3 years  | 4 years       | 1 to 3 years  | 4 years or more |                               |
| <b>Total: 1960</b> .....   | 99,042           | 1,771                     | 6,255             | 13,189       | 17,310        | 18,701        | 26,147        | 8,167         | 7,522           | 10.8                          |
| 1970—Series A.....         | 110,033          | 1,359                     | 5,003             | 11,404       | 14,564        | 21,913        | 35,427        | 10,288        | 10,078          | 12.0                          |
| Series B.....              | 110,033          | 1,374                     | 5,042             | 11,650       | 14,861        | 22,133        | 34,986        | 10,123        | 9,866           | 12.0                          |
| <b>1980—Series A</b> ..... | <b>130,783</b>   | <b>1,101</b>              | <b>4,062</b>      | <b>9,471</b> | <b>11,987</b> | <b>26,194</b> | <b>40,804</b> | <b>13,800</b> | <b>14,367</b>   | <b>12.3</b>                   |
| Series B.....              | 130,783          | 1,156                     | 4,200             | 10,578       | 12,718        | 27,132        | 48,702        | 13,164        | 13,636          | 12.2                          |
| <b>Male: 1960</b> .....    | <b>47,844</b>    | <b>879</b>                | <b>3,373</b>      | <b>6,451</b> | <b>8,743</b>  | <b>8,891</b>  | <b>11,016</b> | <b>3,955</b>  | <b>4,535</b>    | <b>10.5</b>                   |
| 1970—Series A.....         | 52,578           | 659                       | 2,682             | 5,598        | 7,201         | 10,327        | 14,720        | 5,175         | 6,216           | 11.9                          |
| Series B.....              | 52,578           | 667                       | 2,707             | 5,691        | 7,311         | 10,669        | 14,396        | 5,073         | 6,063           | 11.8                          |
| <b>1980—Series A</b> ..... | <b>62,547</b>    | <b>550</b>                | <b>2,219</b>      | <b>4,619</b> | <b>5,893</b>  | <b>12,361</b> | <b>20,576</b> | <b>7,260</b>  | <b>9,080</b>    | <b>12.3</b>                   |
| Series B.....              | 62,547           | 578                       | 2,306             | 4,932        | 6,263         | 13,451        | 19,590        | 6,843         | 8,585           | 12.2                          |
| <b>Female: 1960</b> .....  | <b>51,198</b>    | <b>892</b>                | <b>2,882</b>      | <b>6,718</b> | <b>8,567</b>  | <b>9,810</b>  | <b>15,131</b> | <b>4,212</b>  | <b>2,987</b>    | <b>11.0</b>                   |
| 1970—Series A.....         | 57,455           | 700                       | 2,321             | 5,806        | 7,363         | 11,586        | 20,707        | 5,113         | 3,862           | 12.1                          |
| Series B.....              | 57,455           | 707                       | 2,335             | 5,959        | 7,560         | 11,464        | 20,590        | 5,050         | 3,803           | 12.0                          |
| <b>1980—Series A</b> ..... | <b>68,236</b>    | <b>551</b>                | <b>1,843</b>      | <b>4,851</b> | <b>6,095</b>  | <b>13,833</b> | <b>29,228</b> | <b>6,560</b>  | <b>5,287</b>    | <b>12.2</b>                   |
| Series B.....              | 68,236           | 578                       | 1,894             | 5,146        | 6,455         | 13,681        | 29,112        | 6,321         | 5,051           | 12.2                          |

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 91.

**No. 143. ILLITERACY OF PERSONS 14 YEARS OLD AND OVER, BY AGE, COLOR, SEX, AND URBAN AND RURAL RESIDENCE: 1947 AND 1952**

[In thousands. As of October. Data relate to civilian noninstitutional population based on Current Population Survey. Population base was 1940 extended to survey dates; data will differ from results obtained by revised estimating procedure; see Technical Note, p. 203. Persons unable to both read and write in any language were classified as illiterate. Information on illiteracy was obtained in 1952 only for persons completing less than 6 years of school, and in 1947 only for persons completing less than 5 years of school. Persons completing more than that amount were classified as being literate]

| AGE, SEX, AND RESIDENCE          | 1947           |              |            |                             |             | 1952           |              |            |                             |             |
|----------------------------------|----------------|--------------|------------|-----------------------------|-------------|----------------|--------------|------------|-----------------------------|-------------|
|                                  | Population     | Illiterate   |            | Percent illiterate by color |             | Population     | Illiterate   |            | Percent illiterate by color |             |
|                                  |                | Number       | Percent    | White                       | Non-white   |                | Number       | Percent    | White                       | Non-white   |
| <b>Total, 14 and over</b> .....  | <b>106,428</b> | <b>2,838</b> | <b>2.7</b> | <b>1.8</b>                  | <b>11.0</b> | <b>110,074</b> | <b>2,780</b> | <b>2.5</b> | <b>1.8</b>                  | <b>10.2</b> |
| 14 to 24 years.....              | 24,257         | 232          | 1.0        | 0.6                         | 4.4         | 21,716         | 250          | 1.2        | 0.8                         | 3.9         |
| 25 to 34 years.....              | 22,481         | 310          | 1.4        | 0.8                         | 7.2         | 23,138         | 280          | 1.2        | 0.7                         | 6.4         |
| 35 to 44 years.....              | 19,898         | 420          | 2.1        | 1.3                         | 9.7         | 21,220         | 284          | 1.3        | 0.8                         | 6.6         |
| 45 to 54 years.....              | 10,625         | 506          | 3.0        | 2.0                         | 13.8        | 17,794         | 486          | 2.7        | 1.8                         | 11.5        |
| 55 to 64 years.....              | 12,052         | 662          | 5.2        | 4.2                         | 19.1        | 13,946         | 694          | 4.5        | 3.5                         | 18.1        |
| 65 years and over.....           | 10,515         | 709          | 6.7        | 4.9                         | 32.4        | 12,260         | 846          | 6.9        | 5.0                         | 33.3        |
| <b>Urban</b> .....               | <b>64,900</b>  | <b>1,267</b> | <b>2.0</b> | (1)                         | (1)         | <b>72,678</b>  | <b>1,450</b> | <b>2.0</b> | (1)                         | (1)         |
| Rural nonfarm.....               | 22,026         | 539          | 2.4        | (1)                         | (1)         | 22,122         | 464          | 2.1        | (1)                         | (1)         |
| Rural farm.....                  | 19,501         | 1,032        | 5.3        | (1)                         | (1)         | 15,274         | 866          | 5.7        | (1)                         | (1)         |
| <b>Male, 14 and over</b> .....   | <b>51,733</b>  | <b>1,557</b> | <b>3.0</b> | <b>1.9</b>                  | <b>14.2</b> | <b>52,144</b>  | <b>1,554</b> | <b>3.0</b> | <b>2.1</b>                  | <b>12.7</b> |
| 14 to 24 years.....              | 11,706         | 158          | 1.3        | (1)                         | (1)         | 9,776          | 178          | 1.8        | 1.2                         | 7.2         |
| 25 to 34 years.....              | 10,726         | 192          | 1.8        | (1)                         | (1)         | 10,936         | 170          | 1.6        | 0.8                         | 9.7         |
| 35 to 44 years.....              | 9,717          | 262          | 2.7        | (1)                         | (1)         | 10,200         | 170          | 1.7        | 1.2                         | 7.5         |
| 45 to 54 years.....              | 8,235          | 281          | 3.4        | (1)                         | (1)         | 8,688          | 276          | 3.2        | 2.2                         | 12.8        |
| 55 to 64 years.....              | 6,344          | 318          | 5.0        | (1)                         | (1)         | 6,816          | 322          | 4.7        | 3.6                         | 19.4        |
| 65 years and over.....           | 5,005          | 348          | 7.0        | (1)                         | (1)         | 5,728          | 438          | 7.6        | 5.6                         | 35.8        |
| <b>Urban</b> .....               | <b>30,851</b>  | <b>590</b>   | <b>1.9</b> | (1)                         | (1)         | <b>33,588</b>  | <b>704</b>   | <b>2.1</b> | (1)                         | (1)         |
| Rural nonfarm.....               | 10,776         | 309          | 2.9        | (1)                         | (1)         | 10,650         | 288          | 2.7        | (1)                         | (1)         |
| Rural farm.....                  | 10,107         | 659          | 6.5        | (1)                         | (1)         | 7,936          | 562          | 7.1        | (1)                         | (1)         |
| <b>Female, 14 and over</b> ..... | <b>54,693</b>  | <b>1,280</b> | <b>2.3</b> | <b>1.7</b>                  | <b>8.2</b>  | <b>57,930</b>  | <b>1,226</b> | <b>2.1</b> | <b>1.5</b>                  | <b>8.2</b>  |
| 14 to 24 years.....              | 12,550         | 74           | 0.6        | (1)                         | (1)         | 11,940         | 72           | 0.6        | 0.5                         | 1.4         |
| 25 to 34 years.....              | 11,754         | 118          | 1.0        | (1)                         | (1)         | 12,202         | 110          | 0.9        | 0.6                         | 3.8         |
| 35 to 44 years.....              | 10,181         | 158          | 1.6        | (1)                         | (1)         | 11,020         | 114          | 1.0        | 0.5                         | 5.9         |
| 45 to 54 years.....              | 8,390          | 225          | 2.7        | (1)                         | (1)         | 9,106          | 210          | 2.3        | 1.4                         | 10.4        |
| 55 to 64 years.....              | 6,308          | 344          | 5.5        | (1)                         | (1)         | 7,130          | 312          | 4.4        | 3.4                         | 16.9        |
| 65 years and over.....           | 5,510          | 361          | 6.6        | (1)                         | (1)         | 6,532          | 408          | 6.2        | 4.4                         | 31.2        |
| <b>Urban</b> .....               | <b>34,049</b>  | <b>677</b>   | <b>2.0</b> | (1)                         | (1)         | <b>39,120</b>  | <b>746</b>   | <b>1.9</b> | (1)                         | (1)         |
| Rural nonfarm.....               | 11,250         | 230          | 2.0        | (1)                         | (1)         | 11,472         | 176          | 1.5        | (1)                         | (1)         |
| Rural farm.....                  | 9,395          | 373          | 4.0        | (1)                         | (1)         | 7,338          | 304          | 4.1        | (1)                         | (1)         |

1 Not available.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 45.

No. 144. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY: 1900 TO 1956

| ITEM   | 1900               | 1920    | 1940    | 1950    | 1954              | 1956              |
|--|--------------------|---------|---------|---------|-------------------|-------------------|
| <b>ENROLLMENT AND TEACHERS</b>   |                    |         |         |         |                   |                   |
| Total population <sup>1</sup> .....1,000..   | 75,995             | 104,512 | 130,880 | 148,665 | 158,313           | 164,303           |
| Population 5-17 years, inclusive <sup>1</sup> .....do.....   | 21,573             | 27,550  | 30,150  | 30,204  | 34,540            | 37,202            |
| Percent of total population.....   | 28.4               | 26.4    | 23.0    | 20.3    | 21.8              | 22.7              |
| Pupils enrolled.....1,000..  | 15,503             | 21,578  | 25,434  | 25,111  | 28,836            | 31,163            |
| Percent of total population.....   | 20.4               | 20.6    | 19.4    | 16.9    | 18.2              | 19.0              |
| Percent of population 5-17, inclusive.....   | 71.9               | 78.3    | 84.4    | 83.1    | 83.5              | 83.6              |
| Average daily attendance.....1,000..   | 10,633             | 16,150  | 22,042  | 22,284  | 25,644            | 27,740            |
| Percent of pupils enrolled.....  | 68.6               | 74.8    | 86.7    | 88.7    | 88.9              | 89.0              |
| Average length of term in days.....  | 144.3              | 161.9   | 175.0   | 177.9   | 178.0             | 178.0             |
| Average number of days attended per enrolled pupil.....  | 99.0               | 121.2   | 151.7   | 157.9   | 158.9             | 158.5             |
| Teachers <sup>2</sup> .....1,000..   | 423                | 657     | 875     | 914     | 1,042             | 1,149             |
| Male.....do.....   | 127                | 93      | 195     | 195     | <sup>3</sup> 256  | <sup>3</sup> 209  |
| Percent.....   | 29.9               | 14.1    | 22.2    | 21.3    | <sup>3</sup> 24.6 | <sup>3</sup> 20.0 |
| Female.....1,000..   | 296                | 565     | 681     | 719     | <sup>3</sup> 786  | <sup>3</sup> 850  |
| <b>RECEIPTS</b>  |                    |         |         |         |                   |                   |
| Total receipts.....mil. dol..  | 220                | 970     | 2,261   | 5,437   | 7,867             | 9,687             |
| State taxes and appropriations.....do.....   | 38                 | 134     | 659     | 2,123   | 2,790             | 3,700             |
| Intermediate and local taxes and appropriations.....do.....  | 149                | 759     | 1,490   | 2,901   | 4,337             | 5,117             |
| All other sources.....do.....  | 32                 | 77      | 111     | 414     | 740               | 870               |
| <b>EXPENDITURE</b>   |                    |         |         |         |                   |                   |
| Total expenditure.....do.....  | 215                | 1,036   | 2,344   | 5,838   | 9,092             | 10,955            |
| Current expenditure for day schools <sup>4</sup> .....do.....                                      | 180                | 801     | 1,942   | 4,687   | 6,791             | 8,251             |
| Other current expenditure <sup>5</sup> .....do.....  |                    | 3       | 13      | 36      | 92                | 101               |
| Capital outlay.....do.....   | 35                 | 164     | 258     | 1,014   | 2,055             | 2,387             |
| Interest.....do.....   |                    | 18      | 131     | 101     | 154               | 210               |
| In current dollars:  |                    |         |         |         |                   |                   |
| Total expenditure:   |                    |         |         |         |                   |                   |
| Salaries of total instructional staff.....do.....  | 138                | 500     | 1,314   | 2,896   | 4,201             | 5,103             |
| Average annual salary per member.....dollars.....  | 325                | 871     | 1,441   | 3,010   | 3,825             | 4,156             |
| Per capita of total population.....do.....   | 2.83               | 9.91    | 17.91   | 30.27   | 57.43             | 66.68             |
| Per pupil in average daily attendance in day schools <sup>6</sup> .....do.....                     | 20.21              | 64.16   | 105.74  | 258.85  | 350.90            | 388.00            |
| Current expenditure per pupil in average daily attendance in day schools <sup>7</sup> .....do..... | <sup>8</sup> 16.67 | 53.52   | 88.09   | 208.83  | 264.76            | 294.22            |
| In 1956 dollars:   |                    |         |         |         |                   |                   |
| Total expenditure:   |                    |         |         |         |                   |                   |
| Average annual salary per member of total instructional staff.....do.....                          |                    | 1,229   | 2,772   | 3,416   | 3,821             | 4,156             |
| Per capita of total population.....do.....   |                    | 13.98   | 34.46   | 44.57   | 57.37             | 66.68             |
| Per pupil in average daily attendance in day schools <sup>6</sup> .....do.....                     |                    | 90.53   | 203.44  | 293.79  | 350.55            | 398.06            |
| Current expenditure per pupil in average daily attendance in day schools <sup>7</sup> .....do..... |                    | 75.52   | 160.49  | 237.02  | 264.50            | 294.22            |

<sup>1</sup> For 1900, enumerated population as of June 1; for all other years, estimated as of July 1 of preceding year (1919, 1929, etc.); excludes Armed Forces overseas.

<sup>2</sup> Includes librarians and other nonsupervisory instructional staff; excludes supervisors and principals. Prior to 1940, figures represent number of persons employed rather than number of positions.

<sup>3</sup> Estimated.

<sup>4</sup> Through 1950, includes community services.

<sup>5</sup> Comprises summer schools, community colleges, and adult education, and beginning 1954, community services.

<sup>6</sup> Based on current expenditure allocable to pupil costs, capital outlay, and interest.

<sup>7</sup> Based on expenditure allocable to pupil costs.

<sup>8</sup> Includes interest.

Source (except for population statistics): Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, Chapter 1, Statistical Summary of Education, and Chapter 2, Statistics of State School Systems.

**NO. 145. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, BY GRADE: 1940 TO 1956**  
[In thousands]

| SCHOOL AND GRADE                              | 1940          | 1942          | 1944          | 1946          | 1948          | 1950          | 1952          | 1954          | 1956          |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Pupils enrolled.....</b>                   | <b>25,434</b> | <b>24,562</b> | <b>23,267</b> | <b>23,300</b> | <b>23,945</b> | <b>25,111</b> | <b>26,563</b> | <b>28,836</b> | <b>31,163</b> |
| <b>Kindergarten and grades 1 to 8.....</b>    | <b>18,832</b> | <b>18,175</b> | <b>17,713</b> | <b>17,678</b> | <b>18,291</b> | <b>19,387</b> | <b>20,681</b> | <b>22,546</b> | <b>24,290</b> |
| Kindergarten.....                             | 595           | 626           | 697           | 773           | 989           | 1,034         | 1,272         | 1,474         | 1,564         |
| First.....                                    | 3,018         | 2,931         | 2,879         | 2,895         | 2,951         | 3,170         | 2,957         | 3,666         | 3,495         |
| Second.....                                   | 2,333         | 2,215         | 2,221         | 2,319         | 2,363         | 2,645         | 2,670         | 2,940         | 3,242         |
| Third.....                                    | 2,332         | 2,175         | 2,163         | 2,191         | 2,259         | 2,396         | 2,718         | 2,960         | 3,291         |
| Fourth.....                                   | 2,322         | 2,197         | 2,080         | 2,094         | 2,183         | 2,264         | 2,559         | 2,665         | 2,848         |
| Fifth.....                                    | 2,248         | 2,166         | 2,017         | 2,006         | 2,055         | 2,151         | 2,320         | 2,607         | 2,481         |
| Sixth.....                                    | 2,176         | 2,124         | 1,998         | 1,910         | 1,940         | 2,066         | 2,166         | 2,449         | 2,470         |
| Seventh.....                                  | 2,108         | 2,061         | 1,965         | 1,837         | 1,898         | 1,947         | 2,083         | 2,242         | 2,542         |
| Eighth.....                                   | 1,701         | 1,680         | 1,694         | 1,654         | 1,653         | 1,734         | 1,936         | 2,032         | 2,357         |
| <b>Grades 9 to 12 and post-graduates.....</b> | <b>6,601</b>  | <b>6,388</b>  | <b>5,554</b>  | <b>5,622</b>  | <b>5,653</b>  | <b>5,725</b>  | <b>5,882</b>  | <b>6,290</b>  | <b>6,873</b>  |
| Ninth year.....                               | 2,011         | 1,927         | 1,775         | 1,728         | 1,673         | 1,761         | 1,820         | 1,944         | 2,143         |
| Tenth year.....                               | 1,767         | 1,706         | 1,520         | 1,555         | 1,503         | 1,513         | 1,582         | 1,717         | 1,849         |
| Eleventh year.....                            | 1,486         | 1,451         | 1,230         | 1,256         | 1,272         | 1,275         | 1,338         | 1,412         | 1,543         |
| Twelfth year.....                             | 1,282         | 1,273         | 1,010         | 1,032         | 1,131         | 1,134         | 1,111         | 1,190         | 1,326         |
| Postgraduate.....                             | 55            | 31            | 20            | 50            | 76            | 42            | 31            | 27            | 13            |

**NO. 146. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—EXPENDITURE, BY PURPOSE: 1930 TO 1956**

| PURPOSE                                      | 1930             |              | 1940             |              | 1950             |              | 1956              |              |
|--|------------------|--------------|------------------|--------------|------------------|--------------|-------------------|--------------|
|  | Total (\$1,000)  | Per-cent     | Total (\$1,000)  | Per-cent     | Total (\$1,000)  | Per-cent     | Total (\$1,000)   | Per-cent     |
| <b>Total expenditure, all schools.....</b>   | <b>2,316,791</b> | <b>100.0</b> | <b>2,344,049</b> | <b>100.0</b> | <b>5,837,642</b> | <b>100.0</b> | <b>10,955,047</b> | <b>100.0</b> |
| Total current expenditure, all schools.....  | 1,853,377        | 80.0         | 1,955,166        | 83.4         | 4,722,888        | 80.9         | 8,352,102         | 76.2         |
| Current expenditure for day schools.....     | 1,843,552        | 79.6         | 1,941,799        | 82.8         | 4,687,274        | 80.3         | 8,251,420         | 75.3         |
| Administration.....                          | 78,690           | 3.4          | 91,571           | 3.9          | 220,050          | 3.8          | 372,956           | 3.4          |
| Instruction.....                             | 1,317,727        | 56.9         | 1,403,285        | 59.9         | 3,112,340        | 53.3         | 5,501,921         | 50.2         |
| Plant operation.....                         | 216,072          | 9.3          | 194,365          | 8.3          | 427,687          | 7.3          | 752,739           | 6.9          |
| Plant maintenance.....                       | 78,810           | 3.4          | 73,321           | 3.1          | 214,164          | 3.7          | 319,530           | 2.9          |
| Fixed charges.....                           | 50,270           | 2.2          | 60,116           | 2.1          | 201,469          | 4.5          | 531,303           | 4.9          |
| Other school services <sup>1</sup> .....     | 101,983          | 4.4          | 129,141          | 5.5          | 451,663          | 7.7          | 772,851           | 7.1          |
| Other current expenditure <sup>2</sup> ..... | 9,825            | 0.4          | 13,367           | 0.6          | 35,614           | 0.6          | 100,743           | 0.9          |
| Capital outlay.....                          | 370,878          | 16.0         | 257,974          | 11.0         | 1,014,176        | 17.4         | 2,387,187         | 21.8         |
| Interest.....                                | 92,536           | 4.0          | 130,909          | 5.6          | 100,578          | 1.7          | 215,699           | 2.0          |

<sup>1</sup> Through 1950, items included under "other school services" were listed under "auxiliary services," a more comprehensive classification which also included community services.

<sup>2</sup> Comprises current expenditures for summer schools, adult education, community colleges, and for 1956, community services.

Source of tables 145 and 146: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of State School Systems.

**NO. 147. HIGH-SCHOOL AND COLLEGE GRADUATES, BY SEX: 1900 TO 1956**  
[Data cover graduates of both public and private institutions. See also table 165]

| YEAR OF GRADUATION | HIGH SCHOOL |         |         | COLLEGE <sup>1</sup> |         |         |
|--------------------|-------------|---------|---------|----------------------|---------|---------|
|                    | Total       | Male    | Female  | Total                | Male    | Female  |
| 1900.....          | 94,883      | 38,075  | 56,808  | 27,410               | 22,173  | 5,237   |
| 1920.....          | 311,266     | 123,684 | 187,582 | 43,622               | 31,980  | 16,642  |
| 1940.....          | 1,221,475   | 578,718 | 642,757 | 186,500              | 109,546 | 76,954  |
| 1950.....          | 1,199,700   | 570,700 | 629,000 | 432,058              | 328,841 | 103,217 |
| 1952.....          | 1,196,500   | 569,200 | 627,300 | 329,986              | 225,981 | 104,005 |
| 1954.....          | 1,276,100   | 612,500 | 663,600 | 290,825              | 186,528 | 104,297 |
| 1956.....          | 1,414,800   | 679,500 | 735,300 | 308,812              | 198,233 | 110,579 |

<sup>1</sup> Bachelor's or first professional degree.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education.

No. 148. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, TEACHERS, AND SCHOOLROOMS, BY STATES: FALL 1958

[Enrollment data, compiled in the fall, are not directly comparable with the cumulative statistics on enrollment which, in *Biennial Survey of Education in the United States*, are given for an entire school year. Except as noted, schools are classified by type of organization, rather than by grade-group; elementary includes kindergarten and secondary includes junior high schools. Preliminary data]

| STATE                   | PUPILS ENROLLED |            | CLASSROOM TEACHERS |            |  |            | PUPILS IN EXCESS OF NORMAL CAPACITY OF SCHOOL PLANTS IN USE |            | Instruc-tion rooms sched-uled for com-pletion during fiscal 1959 |
|-------------------------|-----------------|------------|--------------------|------------|--|------------|---|------------|--|
|                         |                 |            | Total <sup>1</sup> |            | Teaching under standard credentials <sup>2</sup> |            |   |            |  |
|                         | Elemen-tary     | Second-ary | Elemen-tary        | Second-ary | Elemen-tary                                      | Second-ary | Elemen-tary   | Second-ary |  |
| Cont. U.S. <sup>3</sup> | 23,315,000      | 10,622,000 | 812,000            | 489,000    | 68,000   | 21,000     | 1,250,000   | 593,000    | 68,000   |
| New England             | 1,198,387       | 538,346    | 43,630             | 27,100     | 2,361  | 948        | 57,300  | 37,385     | 2,768  |
| Maine                   | 144,657         | 46,965     | 5,282              | 2,371      | 283  | 94         | 6,709   | 3,265      | 87   |
| New Hampshire           | 69,051          | 29,902     | 2,652              | 1,400      | 157  | 84         | 2,606   | 2,024      | 108  |
| Vermont                 | 50,953          | 20,108     | 2,010              | 1,035      | 250  | 90         | 3,244   | 1,408      | 117  |
| Massachusetts           | 541,735         | 267,365    | 19,868             | 13,172     | 528  | 316        | 29,852  | 19,077     | 1,332  |
| Rhode Island            | 474,858         | 450,307    | 42,652             | 42,336     | 143  | 164        | 42,497  | 41,838     | 270  |
| Connecticut             | 5317,133        | 5123,699   | 11,166             | 6,726      | 1,000  | 200        | 12,392  | 9,743      | 854  |
| Middle Atlantic         | 3,504,906       | 2,005,727  | 127,250            | 94,427     | 6,800  | 4,300      | 173,738   | 122,574    | 9,616  |
| New York                | 1,596,470       | 1,028,112  | 60,357             | 50,877     | 2,000  | 3,000      | 118,000   | 83,000     | 6,100  |
| New Jersey              | 6734,000        | 5237,000   | 28,300             | 13,200     | 4,500  | 1,100      | 46,000  | 33,000     | 1,000  |
| Pennsylvania            | 1,174,436       | 740,615    | 38,593             | 30,350     | 300  | 200        | 69,738  | 66,574     | 1,916  |
| E. North Central        | 4,503,410       | 2,079,566  | 161,794            | 93,108     | 18,194   | 5,157      | 165,594   | 88,997     | 14,073   |
| Ohio                    | 1,230,097       | 552,540    | 40,030             | 25,782     | 4,000  | 1,008      | 32,347  | 7,537      | 3,383  |
| Indiana                 | 4555,100        | 4354,900   | 17,721             | 15,279     | 2,706  | 794        | 15,000  | 10,000     | 2,000  |
| Illinois                | 1,196,306       | 415,839    | 45,743             | 21,297     | 4,458  | 991        | 28,977  | 8,680      | 2,487  |
| Michigan                | 1,026,907       | 576,287    | 39,700             | 22,300     | 6,250  | 2,250      | 87,770  | 62,280     | 4,500  |
| Wisconsin               | 495,000         | 180,000    | 18,600             | 8,450      | 780  | 114        | 1,500   | 500        | 1,709  |
| W. North Central        | 2,108,074       | 865,597    | 82,913             | 47,605     | 1,725  | 742        | (?)   | (?)        | 4,540  |
| Minnesota               | 400,000         | 250,800    | 15,500             | 12,525     | 494  | 156        | 13,000  | 9,000      | 1,500  |
| Iowa                    | 374,086         | 180,137    | 14,531             | 10,215     | 231  | 106        | 29,000  | 8,000      | 600  |
| Missouri                | 607,689         | 3179,730   | 30,480             | 8,200      | 322  | 155        | 37,505  | 11,095     | 1,500  |
| North Dakota            | 895,373         | 31,630     | 4,977              | 1,902      | 210  | 32         | 2,000   | 1,000      | 200  |
| South Dakota            | 100,580         | 36,028     | 5,732              | 2,275      | 155  | 165        | 4,498   | 2,361      | 212  |
| Nebraska                | 191,346         | 76,272     | 9,398              | 4,028      | 313  | 128        | 7,764   | 3,123      | 218  |
| Kansas                  | 5330,000        | 5111,000   | 12,300             | 7,800      | (?)  | (?)        | (?)   | (?)        | 410  |
| South Atlantic          | 3,669,211       | 1,707,591  | 121,446            | 72,135     | 10,345   | 2,747      | (?)   | (?)        | 8,720  |
| Delaware                | 43,897          | 29,654     | 1,783              | 1,451      | 426  | 60         | 1,512   | 945        | 378  |
| Maryland                | 342,670         | 214,870    | 11,228             | 9,556      | 3,724  | 1,372      | 35,792  | 25,179     | 1,214  |
| Dist. of Col.           | 75,382          | 37,648     | 2,362              | 1,727      | 600  | 300        | 14,078  | 1,815      | 135  |
| Virginia <sup>4</sup>   | 10565,377       | 10238,342  | 18,445             | 11,338     | 2,015  | 363        | 48,044  | 23,600     | 1,669  |
| West Virginia           | 292,700         | 165,725    | 10,064             | 6,394      | 1,027  | 290        | 15,047  | 11,383     | 178  |
| North Carolina          | 810,380         | 250,491    | 26,150             | 9,850      | 1,604  | 262        | (?)   | (?)        | 1,525  |
| South Carolina          | 373,254         | 184,958    | 12,096             | 7,066      | 28   | 14         | 10,200  | 7,400      | 611  |
| Georgia                 | 641,799         | 251,632    | 20,625             | 10,325     | 436  | 55         | 72,361  | 20,166     | 1,149  |
| Florida                 | 523,452         | 334,271    | 18,693             | 13,828     | 485  | 31         | 50,950  | 25,153     | 2,031  |
| E. South Central        | 1,952,694       | 763,419    | 60,737             | 32,280     | 9,100  | 2,450      | 126,154   | 52,237     | 5,839  |
| Kentucky                | 446,257         | 168,350    | 15,167             | 7,435      | 2,128  | 672        | 36,200  | 14,450     | 1,000  |
| Tennessee               | 588,437         | 181,069    | 20,550             | 7,245      | 1,000  | 300        | 20,353  | 6,784      | 1,100  |
| Alabama                 | 472,000         | 308,000    | 14,500             | 11,500     | 2,700  | 900        | 37,000  | 19,000     | 963  |
| Mississippi             | 446,000         | 106,000    | 10,620             | 6,100      | 3,272  | 578        | 32,601  | 12,003     | 2,776  |
| W. South Central        | 2,601,781       | 970,543    | 85,464             | 47,803     | 5,625  | 3,850      | 148,293   | 53,288     | 7,125  |
| Arkansas <sup>5</sup>   | 262,800         | 157,900    | 8,020              | 5,810      | 2,210  | 1,520      | 14,000  | 5,400      | 400  |
| Louisiana               | 488,832         | 166,359    | 16,440             | 8,937      | 1,083  | 399        | 22,004  | 7,717      | 1,808  |
| Oklahoma                | 11330,140       | 204,284    | 11,251             | 8,188      | 78   | 86         | 2,150   | 1,090      | 1,000  |
| Texas                   | 1,514,000       | 442,000    | 49,783             | 24,808     | 2,255  | 1,845      | 110,139   | 38,481     | 8,917  |
| Mountain                | 985,592         | 491,561    | 36,446             | 22,322     | 2,392  | 437        | 79,530  | 29,694     | 3,220  |
| Montana                 | 81,652          | 45,249     | 4,315              | 2,374      | 314  | 40         | 2,701   | 1,886      | 192  |
| Idaho                   | 91,393          | 58,245     | 3,339              | 2,695      | 951  | 26         | 4,249   | 2,609      | 285  |
| Wyoming                 | 59,817          | 18,401     | 2,514              | 1,106      | 250  | 120        | 2,250   | 750        | 120  |
| Colorado                | 229,464         | 131,508    | 8,760              | 6,417      | 275  | 70         | 15,378  | 10,331     | 1,000  |
| New Mexico              | 125,642         | 78,495     | 4,825              | 3,100      | 11   | —          | 14,742  | 8,942      | 604  |
| Arizona                 | 125,280         | 58,454     | 6,877              | 2,338      | 109  | —          | 27,570  | 679        | 303  |
| Utah                    | 134,531         | 83,626     | 4,343              | 3,447      | 469  | —          | 9,420   | 4,115      | 543  |
| Nevada                  | 38,813          | 17,583     | 1,473              | 845        | 13   | —          | 3,040   | 382        | 173  |
| Pacific                 | 2,790,797       | 1,199,268  | 92,133             | 51,967     | 11,613   | 3,550      | 91,891  | 30,395     | 12,439   |
| Washington              | 451,447         | 144,403    | 15,110             | 6,680      | 1,800  | 500        | 12,000  | 11,500     | 949  |
| Oregon                  | 5264,350        | 594,865    | 10,423             | 4,278      | 1,813  | 50         | 4,891   | 3,895      | 490  |
| California              | 2,075,000       | 960,000    | 66,600             | 38,000     | 8,000  | 3,000      | 75,000  | 15,000     | 11,000   |
| Alaska                  | 30,330          | 6,088      | 1,275              | 316        | 115  | 20         | 2,419   | 1,879      | 109  |
| Hawaii                  | 482,995         | 451,472    | 42,703             | 41,691     | 4,635  | 4,215      | 41,268  | 41,700     | 321  |

<sup>1</sup> Excludes supervisors, principals, librarians, etc.   
<sup>2</sup> Some teachers may have met the State minimum general education requirements (which vary from State to State), but lack required hours of professional education.   
<sup>3</sup> Includes estimates for nonreporting States.   
<sup>4</sup> Reported by grade group; kindergarten through grade 6 for elementary, and grades 7-12 for secondary.   
<sup>5</sup> Reported by grade group; kindergarten through grade 8 for elementary, and grades 9-12 for secondary.   
<sup>6</sup> Incomplete; includes difference between normal capacity and total number attending schools on multiple sessions.   
<sup>7</sup> Not available.   
<sup>8</sup> Excludes kindergarten.   
<sup>9</sup> Includes schools closed by administrative authority.   
<sup>10</sup> Includes enrollment as of June 30, 1958, for closed schools in Charlottesville and Norfolk.   
<sup>11</sup> Data for fall 1957.

NO. 149. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, BY STATES AND FOR OTHER AREAS: 1930 TO 1956

[In thousands. See also table 148]

| STATE OR OTHER AREA            | 1930                    |                        | 1940                    |                        | 1950                    |                        | 1954                    |                        | 1956                    |                        |
|--------------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|
|                                | Elementary <sup>1</sup> | Secondary <sup>2</sup> |
| Continental U.S.....           | 21,279                  | 4,399                  | 18,822                  | 6,601                  | 19,387                  | 5,725                  | 22,546                  | 6,290                  | 24,290                  | 6,873                  |
| <b>New England.....</b>        | <b>1,194</b>            | <b>298</b>             | <b>990</b>              | <b>410</b>             | <b>962</b>              | <b>331</b>             | <b>1,159</b>            | <b>327</b>             | <b>1,252</b>            | <b>358</b>             |
| Maine.....                     | 124                     | 30                     | 124                     | 40                     | 124                     | 34                     | 135                     | 34                     | <sup>3</sup> 141        | <sup>3</sup> 36        |
| New Hampshire.....             | 60                      | 14                     | 54                      | 22                     | 53                      | 18                     | 64                      | 19                     | 70                      | 21                     |
| Vermont.....                   | 54                      | 12                     | 51                      | 14                     | 49                      | 12                     | 50                      | 14                     | 56                      | 15                     |
| Massachusetts.....             | 594                     | 165                    | 481                     | 219                    | 454                     | 178                    | <sup>4</sup> 541        | <sup>4</sup> 170       | 582                     | 184                    |
| Rhode Island.....              | 101                     | 17                     | 84                      | 31                     | 71                      | 25                     | <sup>5</sup> 90         | <sup>5</sup> 21        | 92                      | 25                     |
| Connecticut.....               | 260                     | 59                     | 196                     | 85                     | 210                     | 63                     | 280                     | 69                     | 311                     | 77                     |
| <b>Middle Atlantic.....</b>    | <b>4,028</b>            | <b>843</b>             | <b>3,324</b>            | <b>1,472</b>           | <b>3,095</b>            | <b>1,128</b>           | <b>3,668</b>            | <b>1,128</b>           | <b>3,914</b>            | <b>1,192</b>           |
| New York.....                  | 1,717                   | 425                    | 1,515                   | 712                    | 1,458                   | 540                    | 1,776                   | 526                    | 1,899                   | 589                    |
| New Jersey.....                | 672                     | 120                    | 503                     | 214                    | 495                     | 180                    | 623                     | 171                    | 679                     | 185                    |
| Pennsylvania.....              | 1,639                   | 298                    | 1,306                   | 546                    | 1,142                   | 408                    | 1,268                   | 431                    | 1,336                   | 438                    |
| <b>East North Central.....</b> | <b>3,897</b>            | <b>979</b>             | <b>3,248</b>            | <b>1,392</b>           | <b>3,478</b>            | <b>1,132</b>           | <b>4,199</b>            | <b>1,249</b>           | <b>4,595</b>            | <b>1,356</b>           |
| Ohio.....                      | 1,012                   | 266                    | 842                     | 372                    | 917                     | 286                    | 1,145                   | 329                    | 1,254                   | 364                    |
| Indiana.....                   | 523                     | 144                    | 474                     | 197                    | 524                     | 166                    | 627                     | 186                    | 676                     | 204                    |
| Illinois.....                  | 1,095                   | 301                    | 873                     | 376                    | 871                     | 283                    | 1,044                   | 320                    | 1,141                   | 346                    |
| Michigan.....                  | 809                     | 162                    | 683                     | 287                    | 810                     | 260                    | 975                     | 265                    | <sup>3</sup> 1,085      | <sup>3</sup> 285       |
| Wisconsin.....                 | 458                     | 106                    | 376                     | 160                    | 355                     | 138                    | 408                     | 150                    | 459                     | <sup>6</sup> 157       |
| <b>West North Central.....</b> | <b>2,284</b>            | <b>570</b>             | <b>1,917</b>            | <b>728</b>             | <b>1,828</b>            | <b>584</b>             | <b>2,057</b>            | <b>631</b>             | <b>2,171</b>            | <b>672</b>             |
| Minnesota.....                 | 453                     | 99                     | 365                     | 147                    | 359                     | 123                    | 414                     | 139                    | 443                     | 121                    |
| Iowa.....                      | 437                     | 117                    | 364                     | 139                    | 365                     | 113                    | 399                     | 123                    | 421                     | 159                    |
| Missouri.....                  | 524                     | 132                    | 525                     | 176                    | 499                     | 145                    | 549                     | 155                    | 575                     | 168                    |
| North Dakota.....              | 140                     | 30                     | 106                     | 34                     | 88                      | 27                     | 95                      | 29                     | 96                      | 31                     |
| South Dakota.....              | 134                     | 31                     | 98                      | 38                     | 89                      | 29                     | 98                      | 31                     | 105                     | 32                     |
| Nebraska.....                  | 256                     | 69                     | 195                     | 81                     | 168                     | 60                     | 189                     | 61                     | 196                     | 62                     |
| Kansas.....                    | 340                     | 92                     | 264                     | 112                    | 261                     | 87                     | 314                     | 94                     | 335                     | 90                     |
| <b>South Atlantic.....</b>     | <b>3,271</b>            | <b>484</b>             | <b>3,120</b>            | <b>804</b>             | <b>3,251</b>            | <b>809</b>             | <b>3,762</b>            | <b>924</b>             | <b>4,040</b>            | <b>1,025</b>           |
| Delaware.....                  | 35                      | 7                      | 32                      | 12                     | 35                      | 11                     | 45                      | 12                     | 61                      | 14                     |
| Maryland.....                  | 235                     | 42                     | 219                     | 68                     | 270                     | 65                     | <sup>7</sup> 344        | <sup>7</sup> 85        | 393                     | 102                    |
| District of Columbia.....      | 65                      | 16                     | 71                      | 25                     | 75                      | 22                     | 86                      | 24                     | 87                      | 24                     |
| Virginia.....                  | 489                     | 74                     | 454                     | 114                    | 480                     | 118                    | 565                     | 130                    | 612                     | 138                    |
| West Virginia.....             | 347                     | 49                     | 361                     | 92                     | 349                     | 90                     | 351                     | 101                    | 352                     | 106                    |
| North Carolina.....            | 750                     | 117                    | 684                     | 202                    | 704                     | 181                    | 762                     | 206                    | 801                     | 223                    |
| South Carolina.....            | 416                     | 53                     | 395                     | 87                     | 415                     | 79                     | 445                     | 94                     | 459                     | 105                    |
| Georgia.....                   | 633                     | 81                     | 612                     | 126                    | 571                     | 147                    | 667                     | 141                    | 705                     | 159                    |
| Florida.....                   | 301                     | 45                     | 292                     | 77                     | 353                     | 97                     | 498                     | 130                    | 580                     | 154                    |
| <b>East South Central.....</b> | <b>2,189</b>            | <b>246</b>             | <b>2,155</b>            | <b>379</b>             | <b>2,009</b>            | <b>421</b>             | <b>2,060</b>            | <b>479</b>             | <b>2,091</b>            | <b>527</b>             |
| Kentucky.....                  | 526                     | 62                     | 507                     | 97                     | 487                     | 96                     | 484                     | 108                    | 478                     | 107                    |
| Tennessee.....                 | 568                     | 70                     | 540                     | 108                    | 539                     | 120                    | 575                     | 141                    | 597                     | 158                    |
| Alabama.....                   | 562                     | 61                     | 586                     | 100                    | 556                     | 124                    | 563                     | 140                    | 580                     | 154                    |
| Mississippi.....               | 543                     | 52                     | 521                     | 73                     | 447                     | 81                     | 430                     | 89                     | 436                     | 95                     |
| <b>West South Central.....</b> | <b>2,437</b>            | <b>444</b>             | <b>2,226</b>            | <b>653</b>             | <b>2,147</b>            | <b>539</b>             | <b>2,405</b>            | <b>650</b>             | <b>2,561</b>            | <b>719</b>             |
| Arkansas.....                  | 410                     | 46                     | 392                     | 73                     | 329                     | 78                     | 329                     | 86                     | 326                     | 93                     |
| Louisiana.....                 | 377                     | 58                     | 374                     | 99                     | 400                     | 84                     | 443                     | 109                    | 474                     | 125                    |
| Oklahoma.....                  | 578                     | 104                    | 472                     | 140                    | 340                     | 101                    | 364                     | 119                    | 374                     | 128                    |
| Texas.....                     | 1,072                   | 236                    | 987                     | 341                    | 1,078                   | 273                    | 1,269                   | 335                    | 1,387                   | 378                    |
| <b>Mountain.....</b>           | <b>1,728</b>            | <b>171</b>             | <b>671</b>              | <b>235</b>             | <b>761</b>              | <b>226</b>             | <b>940</b>              | <b>270</b>             | <b>1,032</b>            | <b>298</b>             |
| Montana.....                   | 96                      | 25                     | 75                      | 32                     | 80                      | 26                     | 90                      | 29                     | 97                      | 31                     |
| Idaho.....                     | 94                      | 27                     | 87                      | 34                     | 91                      | 31                     | 102                     | 35                     | 108                     | 37                     |
| Wyoming.....                   | 43                      | 11                     | 40                      | 16                     | 46                      | 14                     | 53                      | 15                     | 54                      | 16                     |
| Colorado.....                  | 197                     | 43                     | 163                     | 58                     | 177                     | 52                     | 226                     | 63                     | 257                     | 70                     |
| New Mexico.....                | 89                      | 13                     | 109                     | 23                     | 121                     | 27                     | 138                     | 35                     | 140                     | 40                     |
| Arizona.....                   | 89                      | 15                     | 88                      | 22                     | 112                     | 28                     | 158                     | 40                     | 177                     | 46                     |
| Utah.....                      | 105                     | 33                     | 93                      | 43                     | 115                     | 39                     | 139                     | 44                     | 151                     | 47                     |
| Nevada.....                    | 14                      | 4                      | 15                      | 6                      | 20                      | 6                      | 35                      | 9                      | 42                      | 11                     |
| <b>Pacific.....</b>            | <b>1,251</b>            | <b>365</b>             | <b>1,181</b>            | <b>528</b>             | <b>1,856</b>            | <b>558</b>             | <b>2,296</b>            | <b>635</b>             | <b>2,633</b>            | <b>727</b>             |
| Washington.....                | 259                     | 85                     | 226                     | 106                    | 309                     | 92                     | 371                     | 107                    | 435                     | 127                    |
| Oregon.....                    | 155                     | 48                     | 128                     | 61                     | 189                     | 66                     | 237                     | 76                     | 256                     | 83                     |
| California.....                | 837                     | 232                    | 828                     | 362                    | 1,358                   | 399                    | <sup>8</sup> 1,688      | <sup>8</sup> 452       | <sup>9</sup> 1,942      | <sup>9</sup> 517       |
| Alaska.....                    | 3                       | 1                      | 5                       | 2                      | 12                      | 2                      | 24                      | 4                      | 27                      | 5                      |
| Hawaii.....                    | 65                      | 7                      | 70                      | 22                     | 65                      | 25                     | <sup>(11)</sup>         | <sup>(11)</sup>        | -----                   | -----                  |
| American Samoa.....            | 2                       | -----                  | 3                       | <sup>(10)</sup>        | 3                       | 1                      | 5                       | <sup>(10)</sup>        | 5                       | 1                      |
| Canal Zone.....                | 6                       | 1                      | 6                       | 1                      | 8                       | 2                      | 10                      | 2                      | 9                       | 2                      |
| Guam.....                      | 4                       | <sup>(10)</sup>        | 5                       | <sup>(10)</sup>        | <sup>(11)</sup>         | <sup>(11)</sup>        | 9                       | 2                      | 10                      | 2                      |
| Puerto Rico.....               | 214                     | 7                      | 270                     | 16                     | 362                     | 48                     | 448                     | 57                     | <sup>12</sup> 478       | <sup>12</sup> 67       |

<sup>1</sup> Kindergarten through grade 8. <sup>2</sup> Grades 9 through 12 and postgraduates; 1930 data include secondary pupils in local normal and vocational schools. <sup>3</sup> Membership at close of year.

<sup>4</sup> As of Oct. 1, 1953. <sup>5</sup> Estimate from school census. <sup>6</sup> Excludes vocational schools. <sup>7</sup> As of Oct. 31, 1953.

<sup>8</sup> As of Mar. 31, 1954. <sup>9</sup> As of Mar. 31, 1955. <sup>10</sup> Less than 500 pupils. <sup>11</sup> Not available.

<sup>12</sup> As of February 1956.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States* and records.

TYPE OF SCHOOLS

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No. 150. NUMBER OF SCHOOLS OF SPECIFIED TYPES, BY STATES AND FOR OTHER AREAS: 1956

| STATE OR OTHER AREA             | PUBLIC SCHOOLS<br>(excluding kindergarten) |           | NONPUBLIC SCHOOLS<br>(excluding kindergarten) |                    | INSTITUTIONS OF HIGHER EDUCATION <sup>1</sup> |                      | Schools of nursing not affiliated with colleges and universities <sup>2</sup> |
|---------------------------------|--|-----------|---|--------------------|---|----------------------|---|
|                                 | Elementary                                 | Secondary | Elementary                                    | Secondary          | Publicly controlled                           | Privately controlled |   |
| <b>Continental U.S.</b> .....   | 104,427                                    | 26,046    | <sup>3</sup> 12,372                           | <sup>3</sup> 3,887 | <sup>4</sup> 650                              | 1,200                | 921   |
| <b>New England</b> .....        | 4,928                                      | 1,147     | 979   | 496                | 38  | 114                  | 97  |
| Maine.....                      | 1,109                                      | 228       | <sup>3</sup> 104                              | <sup>3</sup> 69    | 7   | 10                   | 6   |
| New Hampshire.....              | 425  | 91        | 82  | 62                 | 3   | 5                    | 11  |
| Vermont.....                    | 625  | 80        | <sup>3</sup> 34                               | <sup>3</sup> 23    | 4   | 10                   | 6   |
| Massachusetts.....              | 1,722                                      | 521       | <sup>3</sup> 498                              | <sup>3</sup> 223   | 16  | 58                   | 52  |
| Rhode Island.....               | 293  | 66        | 78  | 31                 | 2   | 9                    | 5   |
| Connecticut.....                | 754  | 161       | 183   | 93                 | 6   | 22                   | 17  |
| <b>Middle Atlantic</b> .....    | 9,943                                      | 2,637     | 2,796   | 891                | 63  | 235                  | 234   |
| New York.....                   | 3,784                                      | 1,352     | <sup>3</sup> 1,242                            | 488                | 37  | 107                  | 92  |
| New Jersey.....                 | 1,622                                      | 295       | <sup>3</sup> 466                              | 117                | 10  | 28                   | 37  |
| Pennsylvania.....               | 4,537                                      | 990       | <sup>3</sup> 1,088                            | <sup>3</sup> 286   | 16  | 100                  | 105   |
| <b>East North Central</b> ..... | 18,848                                     | 4,293     | 3,309   | 772                | 90  | 228                  | 184   |
| Ohio.....                       | 2,943                                      | 1,140     | 687   | 164                | 9   | 52                   | 54  |
| Indiana.....                    | 2,159                                      | 883       | 350   | 63                 | 6   | 34                   | 18  |
| Illinois.....                   | 4,345                                      | 897       | 994   | 184                | 18  | 82                   | 72  |
| Michigan.....                   | 4,825                                      | 808       | 641   | 255                | 22  | 32                   | 21  |
| Wisconsin.....                  | 4,470                                      | 595       | <sup>3</sup> 637                              | <sup>3</sup> 106   | 35  | 28                   | 10  |
| <b>West North Central</b> ..... | 26,018                                     | 3,970     | 1,852   | 475                | 98  | 138                  | 104   |
| Minnesota.....                  | 4,421                                      | 666       | 659   | 95                 | 15  | 27                   | 17  |
| Iowa.....                       | 5,451                                      | 896       | <sup>3</sup> 364                              | 131                | 19  | 31                   | 22  |
| Missouri.....                   | 3,436                                      | 611       | <sup>3</sup> 424                              | <sup>3</sup> 101   | 15  | 36                   | 23  |
| North Dakota.....               | 2,407                                      | 380       | <sup>3</sup> 97                               | <sup>3</sup> 23    | 11  | 1                    | 8   |
| South Dakota.....               | 3,066                                      | 289       | <sup>3</sup> 88                               | <sup>3</sup> 28    | 7   | 8                    | 5   |
| Nebraska.....                   | 4,416                                      | 496       | 246   | 58                 | 10  | 12                   | 10  |
| Kansas.....                     | 2,762                                      | 632       | 214   | 39                 | 21  | 23                   | 19  |
| <b>South Atlantic</b> .....     | 12,611                                     | 4,190     | 890   | 376                | 84  | 193                  | 138   |
| Delaware.....                   | 120  | 37        | <sup>3</sup> 42                               | <sup>3</sup> 15    | 2   | 2                    | 6   |
| Maryland.....                   | 786  | 223       | 366   | 70                 | 12  | 20                   | 18  |
| District of Columbia.....       | 125  | 38        | 60  | 32                 | 2   | 22                   | 4   |
| Virginia.....                   | 2,190                                      | 474       | <sup>3</sup> 74                               | <sup>3</sup> 74    | 8   | 32                   | 29  |
| West Virginia.....              | 3,090                                      | 380       | 60  | 27                 | 10  | 10                   | 17  |
| North Carolina.....             | 2,158                                      | 920       | 62  | 41                 | 16  | 39                   | 29  |
| South Carolina.....             | 1,308                                      | 305       | 37  | 14                 | 7   | 23                   | 12  |
| Georgia.....                    | 1,615                                      | 1,251     | <sup>3</sup> 52                               | <sup>3</sup> 35    | 10  | 28                   | 10  |
| Florida.....                    | 1,210                                      | 472       | <sup>3</sup> 137                              | 62                 | 8   | 17                   | 13  |
| <b>East South Central</b> ..... | 11,805                                     | 3,118     | 517   | 208                | 48  | 101                  | 45  |
| Kentucky.....                   | 3,925                                      | 496       | 496   | 69                 | 9   | 31                   | 9   |
| Tennessee.....                  | 3,009                                      | 532       | <sup>3</sup> 90                               | <sup>3</sup> 46    | 7   | 37                   | 12  |
| Alabama.....                    | 2,539                                      | 1,367     | 123   | 50                 | 9   | 17                   | 11  |
| Mississippi.....                | 2,332                                      | 723       | 60  | 43                 | 23  | 16                   | 13  |
| <b>West South Central</b> ..... | 9,348                                      | 4,055     | 825   | 279                | 87  | 79                   | 47  |
| Arkansas.....                   | 1,563                                      | 681       | 55  | 22                 | 9   | 10                   | 6   |
| Louisiana.....                  | 1,437                                      | 596       | 294   | 95                 | 9   | 11                   | 6   |
| Oklahoma.....                   | 2,299                                      | 982       | <sup>3</sup> 91                               | <sup>3</sup> 40    | 22  | 9                    | 8   |
| Texas.....                      | 4,049                                      | 1,796     | <sup>3</sup> 415                              | <sup>3</sup> 122   | 47  | 49                   | 27  |
| <b>Mountain</b> .....           | 4,552                                      | 1,291     | 388   | 131                | 45  | 21                   | 23  |
| Montana.....                    | 1,054                                      | 185       | <sup>3</sup> 61                               | <sup>3</sup> 22    | 8   | 3                    | 3   |
| Idaho.....                      | 478  | 176       | 45  | 11                 | 4   | 3                    | 4   |
| Wyoming.....                    | 543  | 131       | <sup>3</sup> 12                               | <sup>3</sup> 2     | 2   | —                    | —   |
| Colorado.....                   | 831  | 357       | <sup>3</sup> 94                               | <sup>3</sup> 23    | 13  | 8                    | 8   |
| New Mexico.....                 | 614  | 176       | 101   | 36                 | 7   | 2                    | 1   |
| Arizona.....                    | 447  | 82        | <sup>3</sup> 54                               | <sup>3</sup> 24    | 5   | 2                    | 4   |
| Utah.....                       | 387  | 147       | <sup>3</sup> 12                               | <sup>3</sup> 11    | 5   | 3                    | 3   |
| Nevada.....                     | 198  | 37        | 9   | 2                  | 1   | —                    | —   |
| <b>Pacific</b> .....            | 6,374                                      | 1,345     | 816   | 259                | 92  | 91                   | 49  |
| Washington.....                 | 1,124                                      | 410       | <sup>3</sup> 142                              | <sup>3</sup> 53    | 14  | 12                   | 11  |
| Oregon.....                     | 1,085                                      | 226       | <sup>3</sup> 97                               | <sup>3</sup> 28    | 8   | 18                   | 5   |
| California.....                 | 4,165                                      | 709       | <sup>3</sup> 577                              | 178                | 70  | 61                   | 33  |
| Alaska.....                     | 127  | 30        | 18  | 8                  | 1   | —                    | —   |
| Hawaii.....                     | 167  | 71        | 99  | 19                 | 1   | —                    | 2   |
| American Samoa.....             | 45   | 7         | 6   | —                  | —   | —                    | —   |
| Canal Zone.....                 | 16   | 10        | —   | —                  | —   | —                    | —   |
| Guam.....                       | 20   | 2         | 2   | 1                  | 1   | —                    | —   |
| Puerto Rico.....                | 1,806                                      | 345       | 139   | 79                 | 1   | 3                    | 8   |
| Virgin Islands.....             | 25   | 3         | 11  | 3                  | —   | —                    | —   |

<sup>1</sup> Comprises universities, colleges, professional schools, teachers colleges, normal schools, and junior colleges.

<sup>2</sup> October 1955. <sup>3</sup> Partially estimated.

<sup>4</sup> Includes 5 U. S. Service Academics, not shown separately. <sup>5</sup> Data for 1953-54.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1954-56*, Chapter 1, Statistical Summary of Education.

**No. 151. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, ATTENDANCE, AND HIGH SCHOOL GRADUATES, BY STATES AND FOR OTHER AREAS: 1956**

[Includes data for kindergartens. Excludes data for residential schools for exceptional children, observation and practice schools, preparatory departments of colleges and universities, Federal schools for Indians, and Federal schools on Federal installations]

| STATE OR OTHER AREA             | Enrollment (1,000) | Average daily attendance (1,000) | Percent of pupils enrolled attending daily | Average length of term in days | Average number of days attended per pupil enrolled | High school graduates |
|---------------------------------|--------------------|----------------------------------|--|--------------------------------|--|-----------------------|
| <b>Continental U.S.</b> .....   | <b>81,163</b>      | <b>27,740</b>                    | <b>89.0</b>                                | <b>178.0</b>                   | <b>158.5</b>                                       | <b>1,252,054</b>      |
| <b>New England</b> .....        | <b>1,610</b>       | <b>1,451</b>                     | <b>90.1</b>                                |                                |  | <b>67,976</b>         |
| Maine.....                      | 1 177              | 164                              | 92.8                                       | 181.3                          | 168.2  | 6,744                 |
| New Hampshire.....              | 90                 | 81                               | 89.8                                       | 178.0                          | 158.1  | 3,856                 |
| Vermont.....                    | 71                 | 64                               | 90.6                                       | 173.8                          | 157.5  | 2,802                 |
| Massachusetts.....              | 766                | 689                              | 89.9                                       | 172.2                          | 154.9  | 35,139                |
| Rhode Island.....               | 117                | 103                              | 87.6                                       | 180.0                          | 157.7  | 4,360                 |
| Connecticut.....                | 389                | 350                              | 90.0                                       | 179.3                          | 161.4  | 15,075                |
| <b>Middle Atlantic</b> .....    | <b>5,107</b>       | <b>4,491</b>                     | <b>87.9</b>                                |                                |  | <b>216,586</b>        |
| New York.....                   | 2,468              | 2,115                            | 85.7                                       | 180.9                          | 155.0  | 90,077                |
| New Jersey.....                 | 865                | 766                              | 88.6                                       | 180.6                          | 160.0  | 35,416                |
| Pennsylvania.....               | 1,774              | 1,610                            | 90.7                                       | 182.0                          | 165.2  | 84,493                |
| <b>East North Central</b> ..... | <b>5,950</b>       | <b>5,330</b>                     | <b>89.6</b>                                |                                |  | <b>260,216</b>        |
| Ohio.....                       | 1,618              | 1,468                            | 90.7                                       | 177.1                          | 160.7  | 67,579                |
| Indiana.....                    | 879                | 742                              | 84.4                                       | 174.7                          | 147.4  | 39,030                |
| Illinois.....                   | 1,487              | 1,309                            | 88.1                                       | 186.9                          | 164.6  | 64,439                |
| Michigan.....                   | 1 1,370            | 1,264                            | 92.3                                       | 180.0                          | 166.2  | 55,347                |
| Wisconsin.....                  | 2 596              | 547                              | 91.8                                       | 176.8                          | 162.2  | 33,821                |
| <b>West North Central</b> ..... | <b>2,844</b>       | <b>2,523</b>                     | <b>88.7</b>                                |                                |  | <b>133,562</b>        |
| Minnesota.....                  | 594                | 545                              | 91.7                                       | 173.6                          | 159.2  | 31,206                |
| Iowa.....                       | 551                | 492                              | 89.4                                       | 179.8                          | 160.7  | 26,749                |
| Missouri.....                   | 742                | 631                              | 85.0                                       | 181.8                          | 154.4  | 29,417                |
| North Dakota.....               | 127                | 112                              | 92.6                                       | 177.0                          | 163.9  | 6,307                 |
| South Dakota.....               | 137                | 120                              | 87.2                                       | 179.0                          | 156.1  | 6,734                 |
| Nebraska.....                   | 258                | 237                              | 92.0                                       | 177.8                          | 163.6  | 13,238                |
| Kansas.....                     | 435                | 381                              | 87.7                                       | 172.4                          | 151.2  | 19,911                |
| <b>South Atlantic</b> .....     | <b>5,064</b>       | <b>4,464</b>                     | <b>88.1</b>                                |                                |  | <b>172,671</b>        |
| Delaware.....                   | 65                 | 57                               | 87.9                                       | 181.8                          | 150.8  | 2,600                 |
| Maryland.....                   | 495                | 438                              | 88.4                                       | 182.5                          | 161.3  | 15,765                |
| District of Columbia.....       | 111                | 95                               | 85.6                                       | 176.6                          | 151.2  | 3,034                 |
| Virginia.....                   | 750                | 668                              | 89.0                                       | 180.0                          | 160.3  | 25,653                |
| West Virginia.....              | 458                | 416                              | 90.8                                       | 183.0                          | 167.3  | 19,283                |
| North Carolina.....             | 1,024              | 927                              | 90.6                                       | 180.0                          | 163.0  | 38,161                |
| South Carolina.....             | 563                | 482                              | 85.5                                       | 180.0                          | 153.9  | 16,970                |
| Georgia.....                    | 894                | 747                              | 86.5                                       | 180.0                          | 155.7  | 25,298                |
| Florida.....                    | 734                | 632                              | 86.1                                       | 180.1                          | 155.1  | 24,637                |
| <b>East South Central</b> ..... | <b>2,617</b>       | <b>2,306</b>                     | <b>88.1</b>                                |                                |  | <b>88,376</b>         |
| Kentucky.....                   | 598                | 535                              | 89.5                                       | 172.8                          | 154.6  | 20,025                |
| Tennessee.....                  | 755                | 678                              | 89.8                                       | 175.9                          | 157.9  | 26,361                |
| Alabama.....                    | 733                | 649                              | 88.5                                       | 175.5                          | 156.3  | 26,100                |
| Mississippi.....                | 531                | 444                              | 83.5                                       | 168.6                          | 140.7  | 15,900                |
| <b>West South Central</b> ..... | <b>3,280</b>       | <b>2,881</b>                     | <b>87.8</b>                                |                                |  | <b>125,704</b>        |
| Arkansas.....                   | 419                | 360                              | 86.1                                       | 178.2                          | 149.0  | 16,636                |
| Louisiana.....                  | 599                | 532                              | 88.8                                       | 179.3                          | 159.3  | 21,320                |
| Oklahoma.....                   | 502                | 453                              | 90.2                                       | 172.3                          | 155.5  | 23,457                |
| Texas.....                      | 1 1,760            | 1 1,536                          | 87.3                                       | 175.2                          | 152.9  | 64,291                |
| <b>Mountain</b> .....           | <b>1,330</b>       | <b>1,163</b>                     | <b>87.4</b>                                |                                |  | <b>52,362</b>         |
| Montana.....                    | 128                | 116                              | 90.5                                       | 171.7                          | 155.4  | 5,843                 |
| Idaho.....                      | 145                | 131                              | 90.3                                       | 172.0                          | 155.3  | 6,883                 |
| Wyoming.....                    | 70                 | 64                               | 90.8                                       | 177.0                          | 160.3  | 3,134                 |
| Colorado.....                   | 327                | 275                              | 84.1                                       | 178.0                          | 149.7  | 12,314                |
| New Mexico.....                 | 186                | 161                              | 86.4                                       | 180.0                          | 155.5  | 6,244                 |
| Arizona.....                    | 223                | 191                              | 85.6                                       | 165.2                          | 141.4  | 7,110                 |
| Utah.....                       | 199                | 181                              | 91.3                                       | 174.1                          | 158.9  | 9,045                 |
| Nevada.....                     | 52                 | 44                               | 83.1                                       | 177.3                          | 147.4  | 1,780                 |
| <b>Pacific</b> .....            | <b>3,359</b>       | <b>3,133</b>                     | <b>93.3</b>                                |                                |  | <b>134,601</b>        |
| Washington.....                 | 561                | 475                              | 84.6                                       | 178.9                          | 151.4  | 22,599                |
| Oregon.....                     | 339                | 298                              | 88.1                                       | 180.0                          | 158.6  | 15,256                |
| California.....                 | 2 2,459            | 2 2,360                          | 95.9                                       | 175.9                          | 168.7  | 90,740                |
| Alaska.....                     | 32                 | 27                               | 83.5                                       | 170.8                          | 142.7  | 670                   |
| Hawaii.....                     | 119                | 113                              | 94.6                                       | 175.0                          | 165.5  | 5,293                 |
| American Samoa.....             | 5                  |                                  |  | 180.0                          |  | 48                    |
| Canal Zone.....                 | 11                 | 10                               | 87.2                                       | 172.6                          | 150.6  | 402                   |
| Guam.....                       | 12                 | 10                               | 87.2                                       | 179.7                          | 156.7  | 333                   |
| Puerto Rico.....                | 2 545              | 483                              | 88.6                                       | 191.0                          | 169.3  | 15,479                |
| Virgin Islands.....             | 6                  | 5                                | 92.0                                       | 185.0                          | 170.3  | 150                   |

1 Membership at close of year. 2 Excludes postgraduates. 3 Excludes vocational schools.

4 Includes an estimate of average daily attendance in kindergarten.

5 Estimated by Office of Education. 6 As of March 31, 1956. 7 Includes "excused absences."

8 As of February 1956.

9 Includes pupils receiving commercial diplomas, veterans and adults completing secondary schools.

 Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1954-56*, Chapter 2, Statistics of State School Systems.

ELEMENTARY AND SECONDARY SCHOOLS

No. 152. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—NUMBER AND SALARIES OF TEACHERS, BY STATES AND FOR OTHER AREAS: 1940 TO 1956

| STATE OR OTHER AREA        | NUMBER OF TEACHERS <sup>1</sup> |         |           |           | SALARIES OF TOTAL INSTRUCTIONAL STAFF |           |                          |       |       |       |
|----------------------------|---------------------------------|---------|-----------|-----------|---------------------------------------|-----------|--------------------------|-------|-------|-------|
|                            | 1940                            | 1950    | 1954      | 1956      | Total (\$1,000)                       |           | Average salary (dollars) |       |       |       |
|                            |                                 |         |           |           | 1954                                  | 1956      | 1940                     | 1950  | 1954  | 1956  |
| Continental U.S.           | 875,477                         | 913,671 | 1,042,313 | 1,149,223 | 4,200,542                             | 5,103,118 | 1,441                    | 3,010 | 3,825 | 4,156 |
| New England.....           | 49,930                          | 50,773  | 57,668    | 62,872    | 231,748                               | 279,618   | 1,748                    | 3,153 | —     | —     |
| Maine.....                 | 6,156                           | 6,323   | 7,154     | 7,126     | 17,727                                | 21,007    | 894                      | 2,115 | 2,427 | 2,881 |
| New Hampshire.....         | 2,045                           | 2,816   | 3,240     | 3,530     | 11,101                                | 13,066    | 1,258                    | 2,712 | 3,252 | 3,510 |
| Vermont.....               | 2,653                           | 2,405   | 2,622     | 2,730     | 8,142                                 | 9,333     | 2,037                    | 3,348 | 3,280 | 3,105 |
| Massachusetts.....         | 24,760                          | 24,596  | 27,572    | 20,863    | 118,201                               | 139,365   | 1,809                    | 3,204 | 4,006 | 4,337 |
| Rhode Island.....          | 3,788                           | 3,984   | 4,087     | 4,520     | 16,864                                | 21,371    | 3,861                    | 3,568 | 3,881 | 4,442 |
| Connecticut.....           | 9,419                           | 10,649  | 12,993    | 15,094    | 59,713                                | 75,476    | 2,467                    | 3,433 | 4,274 | 4,730 |
| Middle Atlantic.....       | 165,500                         | 162,389 | 180,006   | 201,482   | 831,799                               | 1,035,742 | 2,604                    | 3,706 | 4,658 | 5,277 |
| New York.....              | 80,553                          | 79,070  | 89,279    | 98,146    | 437,612                               | 546,235   | 2,003                    | 3,511 | 4,271 | 4,747 |
| New Jersey.....            | 25,084                          | 27,107  | 31,654    | 35,399    | 141,479                               | 175,007   | 3,813                    | 3,511 | 4,074 | 4,490 |
| Pennsylvania.....          | 60,963                          | 55,610  | 59,073    | 67,937    | 252,708                               | 313,000   | 1,640                    | 3,006 | 3,400 | 3,400 |
| East North Central.....    | 164,354                         | 172,264 | 199,831   | 220,656   | 852,133                               | 1,057,838 | 1,570                    | 3,296 | 4,012 | 4,397 |
| Ohio.....                  | 43,671                          | 43,650  | 51,139    | 56,808    | 212,100                               | 258,911   | 1,487                    | 3,088 | 3,886 | 4,370 |
| Indiana.....               | 21,469                          | 23,428  | 26,655    | 29,084    | 117,801                               | 140,347   | 1,433                    | 3,401 | 4,016 | 4,757 |
| Illinois.....              | 45,965                          | 47,224  | 51,577    | 57,113    | 235,584                               | 292,420   | 1,700                    | 3,458 | 4,353 | 4,711 |
| Michigan.....              | 32,716                          | 37,157  | 47,175    | 51,191    | 197,495                               | 250,205   | 1,570                    | 3,420 | 3,960 | 4,127 |
| Wisconsin.....             | 20,563                          | 20,805  | 22,085    | 25,560    | 80,054                                | 106,046   | 1,942                    | 3,007 | 3,840 | 4,127 |
| West North Central.....    | 115,716                         | 104,003 | 115,160   | 122,664   | 378,706                               | 446,614   | 1,276                    | 3,013 | 3,687 | 4,121 |
| Minnesota.....             | 21,080                          | 19,574  | 22,110    | 23,976    | 84,451                                | 102,662   | 1,019                    | 2,420 | 2,897 | 3,181 |
| Iowa.....                  | 22,450                          | 21,919  | 24,535    | 25,935    | 74,634                                | 86,560    | 1,159                    | 2,581 | 3,186 | 3,520 |
| Missouri.....              | 26,423                          | 22,494  | 24,260    | 20,180    | 81,615                                | 90,222    | 1,487                    | 2,581 | 3,063 | 3,020 |
| North Dakota.....          | 7,262                           | 6,537   | 6,981     | 7,169     | 10,068                                | 11,475    | 745                      | 2,324 | 2,638 | 2,943 |
| South Dakota.....          | 7,897                           | 7,127   | 7,539     | 7,779     | 20,184                                | 22,892    | 807                      | 2,064 | 2,822 | 3,073 |
| Nebraska.....              | 16,904                          | 15,008  | 17,422    | 18,014    | 37,337                                | 42,631    | 1,014                    | 2,025 | 3,268 | 3,678 |
| Kansas.....                | 18,737                          | 11,919  | 12,422    | 13,014    | 37,337                                | 42,631    | 1,014                    | 2,025 | —     | —     |
| Neb. Kansas.....           | 18,611                          | 18,611  | 18,611    | 18,611    | 61,424                                | 74,260    | 1,084                    | 3,273 | 4,042 | 4,501 |
| South Atlantic.....        | 120,914                         | 135,012 | 156,406   | 171,140   | 551,936                               | 650,333   | 1,642                    | 3,594 | 4,148 | 4,513 |
| Delaware.....              | 1,626                           | 1,846   | 2,378     | 2,755     | 10,186                                | 13,000    | 1,084                    | 3,273 | 4,042 | 4,501 |
| Maryland.....              | 8,688                           | 11,059  | 14,077    | 16,019    | 65,177                                | 81,699    | 1,642                    | 3,594 | 4,148 | 4,513 |
| District of Columbia.....  | 3,057                           | 3,320   | 3,401     | 3,716     | 17,803                                | 21,288    | 2,350                    | 3,920 | 4,797 | 5,394 |
| Virginia.....              | 17,374                          | 19,055  | 22,844    | 25,494    | 77,431                                | 95,477    | 809                      | 2,328 | 3,082 | 3,422 |
| West Virginia.....         | 14,232                          | 14,145  | 14,414    | 14,011    | 51,208                                | 52,037    | 1,170                    | 2,425 | 3,053 | 3,112 |
| North Carolina.....        | 24,530                          | 27,491  | 31,051    | 33,301    | 110,404                               | 120,046   | 940                      | 2,088 | 3,354 | 3,400 |
| South Carolina.....        | 15,042                          | 16,763  | 17,990    | 18,665    | 51,804                                | 57,937    | 743                      | 1,891 | 2,617 | 3,005 |
| Georgia.....               | 22,846                          | 24,380  | 27,586    | 28,050    | 81,356                                | 94,830    | 770                      | 1,903 | 2,892 | 3,191 |
| Florida.....               | 13,189                          | 16,957  | 21,066    | 23,239    | 78,567                                | 94,310    | 1,012                    | 2,958 | 3,785 | 4,130 |
| East South Central.....    | 78,127                          | 77,538  | 79,181    | 84,055    | 216,922                               | 267,237   | 2,672                    | 3,758 | 4,593 | 5,008 |
| Kentucky.....              | 18,802                          | 18,097  | 19,293    | 20,405    | 67,844                                | 82,811    | 828                      | 1,936 | 2,520 | 2,698 |
| Tennessee.....             | 20,147                          | 22,202  | 22,761    | 22,761    | 89,204                                | 101,802   | 2,312                    | 3,012 | 3,875 | 3,186 |
| Alabama.....               | 19,405                          | 21,612  | 22,705    | 24,455    | 65,884                                | 86,161    | 742                      | 2,111 | 2,783 | 3,560 |
| Mississippi.....           | 14,773                          | 15,027  | 16,817    | 16,414    | 30,547                                | 40,221    | 559                      | 1,304 | 1,804 | 2,436 |
| West South Central.....    | 93,091                          | 94,796  | 106,811   | 116,932   | 389,726                               | 453,587   | 987                      | 2,853 | 3,280 | 3,378 |
| Arkansas.....              | 12,852                          | 12,846  | 13,251    | 13,561    | 31,566                                | 33,040    | 584                      | 1,801 | 2,280 | 2,378 |
| Louisiana.....             | 14,870                          | 15,652  | 18,372    | 20,400    | 65,979                                | 84,892    | 1,000                    | 2,983 | 3,504 | 3,885 |
| Oklahoma.....              | 20,204                          | 15,921  | 18,340    | 19,283    | 62,603                                | 73,480    | 1,014                    | 2,730 | 3,271 | 3,703 |
| Texas.....                 | 45,205                          | 50,398  | 56,848    | 63,688    | 226,978                               | 261,575   | 1,079                    | 3,122 | 3,880 | 3,983 |
| Mountain.....              | 33,662                          | 36,937  | 44,191    | 50,246    | 176,989                               | 216,760   | 1,290                    | 3,003 | 3,580 | 3,693 |
| Montana.....               | 5,195                           | 4,584   | 5,703     | 6,247     | 20,680                                | 23,039    | 1,184                    | 2,062 | 3,510 | 3,550 |
| Idaho.....                 | 4,513                           | 4,449   | 4,763     | 5,116     | 17,014                                | 19,468    | 1,067                    | 2,481 | 3,362 | 3,611 |
| Wyoming.....               | 2,551                           | 2,548   | 2,901     | 3,141     | 10,894                                | 12,796    | 1,130                    | 2,708 | 3,640 | 4,012 |
| Colorado.....              | 8,918                           | 9,233   | 10,951    | 12,268    | 41,978                                | 52,006    | 1,037                    | 3,621 | 4,127 | 4,492 |
| New Mexico.....            | 3,798                           | 4,008   | 6,137     | 6,862     | 27,178                                | 33,284    | 1,144                    | 3,215 | 4,401 | 4,479 |
| Arizona.....               | 3,384                           | 5,146   | 6,635     | 6,068     | 30,013                                | 37,567    | 1,544                    | 3,556 | 3,748 | 3,922 |
| Utah.....                  | 4,417                           | 4,911   | 5,554     | 6,537     | 23,165                                | 27,564    | 1,394                    | 3,103 | 3,784 | 4,496 |
| Nevada.....                | 886                             | 1,158   | 1,630     | 2,007     | 6,137                                 | 9,046     | 2,101                    | 4,006 | 4,784 | 5,243 |
| Pacific.....               | 56,183                          | 79,959  | 105,059   | 119,176   | 570,583                               | 695,938   | 1,706                    | 3,487 | 4,163 | 4,423 |
| Washington.....            | 10,583                          | 14,624  | 17,474    | 19,932    | 80,203                                | 96,148    | 1,333                    | 3,323 | 4,163 | 4,423 |
| Oregon.....                | 7,206                           | 10,226  | 12,800    | 13,676    | 54,011                                | 64,712    | 1,333                    | 3,323 | 4,163 | 4,423 |
| California.....            | 38,304                          | 55,109  | 73,885    | 85,668    | 435,400                               | 534,628   | 2,351                    | 4,298 | 5,787 | 5,243 |
| Alaska <sup>12</sup> ..... | 302                             | 528     | 1,020     | 1,180     | 5,292                                 | 6,680     | (19)                     | 4,269 | 5,016 | 5,431 |
| Hawaii.....                | 3,091                           | 3,214   | 3,696     | 4,043     | 16,286                                | 18,439    | 1,830                    | 3,508 | 4,172 | 4,230 |
| American Samoa.....        | 65                              | 163     | 169       | 221       | (18)                                  | (18)      | (18)                     | (18)  | (18)  | (18)  |
| Canal Zone.....            | 200                             | 309     | 377       | 351       | 1,622                                 | 1,967     | 1,634                    | 3,519 | 4,005 | 5,288 |
| Guam.....                  | 139                             | 269     | 362       | 383       | 1,311                                 | 1,621     | 309                      | (18)  | 3,379 | 3,657 |
| Puerto Rico.....           | 6,066                           | 8,968   | 10,158    | 11,495    | 20,689                                | 22,524    | 834                      | 1,509 | 1,922 | 1,893 |
| Virgin Islands.....        | 117                             | 148     | (18)      | 190       | (18)                                  | 600       | 680                      | (18)  | (18)  | 2,940 |

<sup>1</sup> Includes other nonsupervisory instructional staff; excludes supervisors and principals except when not reported separately. <sup>2</sup> Includes certified clerks. <sup>3</sup> Estimated. <sup>4</sup> Includes administrators.  
<sup>5</sup> Excludes vocational schools. <sup>6</sup> Includes 273 administrators, and includes 22 kindergarten teachers.  
<sup>7</sup> Includes community colleges. <sup>8</sup> Includes teachers in junior colleges. <sup>9</sup> For 1938.  
<sup>10</sup> Includes salaries of instructional staff in community colleges, summer schools, and adult education.  
<sup>11</sup> Represents weighted average of median salaries of total instructional staff in elementary and secondary schools.  
<sup>12</sup> Excludes Federal schools for natives. <sup>13</sup> Not available.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of State School Systems.

No. 153. PUBLIC SCHOOLS—EXPENDITURE, BY STATES AND FOR OTHER AREAS; 1956  
 [In thousands of dollars, except averages per pupil]

| STATE OR OTHER AREA | Total <sup>1</sup> | CURRENT EXPENDITURE      |                        |                 |                                  |                                  | Capital outlay | Interest |
|---------------------|--------------------|--------------------------|------------------------|-----------------|----------------------------------|----------------------------------|----------------|----------|
|                     |                    | Elementary and secondary |                        | Adult education | Com-munity services <sup>3</sup> | Com-munity colleges <sup>4</sup> |                |          |
|                     |                    | Total                    | Per pupil <sup>2</sup> |                 |                                  |                                  |                |          |
| Continental U.S.    | 10,955,047         | 8,249,786                | 294.22                 | 30,554          | 35,868                           | 31,468                           | 2,387,187      | 215,699  |
| New England         | 556,787            | 454,872                  | 221.52                 | 2,121           | 885                              | 318                              | 93,155         | 5,100    |
| Maine               | 39,911             | 36,312                   | 221.52                 | 57              | —                                | 201                              | 2,855          | 486      |
| New Hampshire       | 29,559             | 22,941                   | 22.64                  | 44              | 379                              | —                                | 5,761          | 434      |
| Vermont             | 21,024             | 16,939                   | 22.66                  | 17              | 3                                | —                                | 3,806          | 255      |
| Massachusetts       | 272,537            | 226,085                  | 328.20                 | 1,365           | 503                              | 117                              | 44,377         | —        |
| Rhode Island        | 37,350             | 33,397                   | 324.92                 | 91              | —                                | —                                | 3,855          | —        |
| Connecticut         | 156,406            | 119,198                  | 340.87                 | 547             | —                                | —                                | 32,511         | 3,025    |
| Middle Atlantic     | 2,239,472          | 1,729,259                | 417.75                 | 9,321           | 13,390                           | 161                              | 434,441        | 52,566   |
| New York            | 1,256,339          | 899,963                  | 425.61                 | 8,449           | 13,300                           | —                                | 207,293        | 37,245   |
| New Jersey          | 399,081            | 292,543                  | 381.96                 | 872             | —                                | —                                | 90,949         | 8,311    |
| Pennsylvania        | 584,052            | 536,753                  | 333.45                 | —               | —                                | —                                | 40,199         | 7,100    |
| East North Central  | 2,286,923          | 1,695,266                | 415.36                 | 6,061           | 4,478                            | 4,180                            | 529,337        | 46,338   |
| Ohio                | 573,343            | 415,367                  | 282.91                 | 985             | 1,520                            | —                                | 139,077        | 15,465   |
| Indiana             | 260,008            | 216,131                  | 291.22                 | 1,032           | —                                | —                                | 40,060         | 1,922    |
| Illinois            | 627,899            | 462,778                  | 353.48                 | 2,456           | —                                | —                                | 145,399        | 17,196   |
| Michigan            | 581,448            | 417,775                  | 330.40                 | —               | 2,609                            | 4,180                            | 147,220        | 9,655    |
| Wisconsin           | 244,225            | 183,215                  | 334.91                 | 1,588           | 349                              | —                                | 56,963         | 2,110    |
| West North Central  | 998,537            | 739,449                  | 330.40                 | 1,719           | 1,346                            | 2,754                            | 232,595        | 19,564   |
| Minnesota           | 258,676            | 176,736                  | 324.57                 | 899             | —                                | 841                              | 71,409         | 6,394    |
| Iowa                | 186,992            | 147,257                  | 299.05                 | —               | 1,327                            | 753                              | 36,393         | 2,589    |
| Missouri            | 222,219            | 166,509                  | 263.94                 | —               | —                                | —                                | 51,866         | 3,844    |
| North Dakota        | 41,687             | 33,684                   | 286.80                 | —               | —                                | —                                | 7,571          | 432      |
| South Dakota        | 44,392             | 37,001                   | 309.49                 | —               | —                                | —                                | 6,968          | 422      |
| Nebraska            | 86,589             | 65,888                   | 277.51                 | 820             | 19                               | —                                | 18,270         | 1,544    |
| Kansas              | 157,982            | 112,374                  | 294.68                 | —               | —                                | 1,160                            | 40,109         | 4,330    |
| South Atlantic      | 1,299,368          | 982,615                  | 365.35                 | 6,447           | 582                              | 542                              | 286,457        | 22,299   |
| Delaware            | 29,004             | 20,960                   | 365.35                 | 23              | —                                | —                                | 8,294          | 327      |
| Maryland            | 186,622            | 130,109                  | 297.09                 | 735             | 137                              | 542                              | 49,738         | 5,267    |
| Dist. of Columbia   | 38,060             | 33,084                   | 348.87                 | 601             | 14                               | —                                | 4,235          | —        |
| Virginia            | 188,478            | 142,570                  | 213.50                 | 1,073           | —                                | —                                | 41,447         | 3,182    |
| West Virginia       | 96,059             | 81,982                   | 197.18                 | 261             | 431                              | —                                | 12,403         | 981      |
| North Carolina      | 225,311            | 174,934                  | 188.69                 | 1,330           | —                                | —                                | 45,111         | 3,926    |
| South Carolina      | 141,732            | 90,601                   | 188.09                 | 954             | —                                | —                                | 47,428         | 2,750    |
| Georgia             | 166,676            | 144,945                  | 194.03                 | 820             | —                                | —                                | 19,391         | 1,521    |
| Florida             | 226,826            | 163,430                  | 257.60                 | 641             | —                                | (?)                              | 58,410         | 4,345    |
| East South Central  | 468,321            | 409,775                  | 365.35                 | 2,105           | 240                              | 5,087                            | 48,119         | 2,946    |
| Kentucky            | 96,095             | 90,087                   | 188.26                 | 806             | 227                              | —                                | 4,754          | 1,121    |
| Tennessee           | 155,927            | 128,072                  | 188.95                 | 739             | —                                | —                                | 25,091         | 1,077    |
| Alabama             | 134,070            | 121,773                  | 187.64                 | 284             | 13                               | —                                | 11,339         | 660      |
| Mississippi         | 81,329             | 69,843                   | 157.47                 | 276             | —                                | 5,087                            | 6,035          | 88       |
| West South Central  | 960,223            | 728,091                  | 365.35                 | 2,543           | 1,006                            | 13,028                           | 188,045        | 26,714   |
| Arkansas            | 71,690             | 57,826                   | 160.47                 | 851             | —                                | —                                | 11,112         | 1,902    |
| Louisiana           | 191,806            | 149,885                  | 281.68                 | 1,277           | —                                | —                                | 35,155         | 5,489    |
| Oklahoma            | 150,036            | 112,998                  | 249.35                 | —               | —                                | 200                              | 34,505         | 2,332    |
| Texas               | 546,691            | 407,383                  | 265.23                 | 415             | 1,006                            | 12,828                           | 107,273        | 16,991   |
| Mountain            | 593,138            | 348,159                  | 336.36                 | 236             | 879                              | 2,194                            | 142,866        | 8,543    |
| Montana             | 51,722             | 40,483                   | 348.56                 | 53              | —                                | 58                               | 10,408         | 720      |
| Idaho               | 42,904             | 32,220                   | 245.89                 | —               | —                                | —                                | 9,832          | 863      |
| Wyoming             | 35,114             | 21,922                   | 344.77                 | —               | 75                               | —                                | 12,616         | 501      |
| Colorado            | 126,001            | 84,061                   | 305.58                 | —               | 381                              | 1,324                            | 37,395         | 2,900    |
| New Mexico          | 73,040             | 51,049                   | 318.01                 | —               | 191                              | —                                | 21,590         | 762      |
| Arizona             | 83,138             | 59,049                   | 312.35                 | —               | —                                | 812                              | 21,232         | 1,446    |
| Utah                | 68,801             | 48,596                   | 240.50                 | 134             | 232                              | —                                | 23,946         | 777      |
| Nevada              | 21,038             | 15,179                   | 348.31                 | 49              | —                                | —                                | 5,827          | 534      |
| Pacific             | 1,642,281          | 1,162,394                | 418.66                 | —               | 13,062                           | 3,206                            | 432,172        | 31,538   |
| Washington          | 225,113            | 157,705                  | 332.11                 | —               | —                                | 3,206                            | 60,943         | 3,199    |
| Oregon              | 136,818            | 106,412                  | 356.53                 | —               | —                                | —                                | 27,593         | 2,814    |
| California          | 1,280,350          | 898,127                  | 343.54                 | (?)             | 13,062                           | (?)                              | 343,636        | 25,525   |
| Alaska              | 13,093             | 11,179                   | 418.66                 | —               | —                                | —                                | 1,073          | 241      |
| Hawaii              | 30,551             | 27,417                   | 243.55                 | 132             | —                                | —                                | 2,628          | 375      |
| Canal Zone          | 3,098              | 2,707                    | 272.84                 | —               | 71                               | —                                | 121            | 199      |
| Guam                | 3,600              | 2,143                    | 204.16                 | 10              | —                                | —                                | 78             | 1,369    |
| Puerto Rico         | 51,131             | 43,678                   | 90.44                  | 3,492           | 2,121                            | —                                | 1,805          | —        |
| Virgin Islands      | 1,099              | 1,016                    | 187.11                 | 13              | —                                | —                                | —              | 19       |

<sup>1</sup> Includes \$2,853,000 expended for summer schools and \$1,633,000 current expenditure for elementary and secondary schools not chargeable to pupils, not shown separately. <sup>2</sup> Per pupil in average daily attendance.

<sup>3</sup> Includes public libraries operated by local school districts, nonpublic schools where authorized by law, community centers, and recreational activities. <sup>4</sup> Under jurisdiction of local school districts.

<sup>5</sup> Total excludes \$211,000 expended by State and local schoolhousing authorities.

<sup>6</sup> Includes summer schools. <sup>7</sup> Community colleges included with elementary and secondary schools.

<sup>8</sup> Includes agricultural high schools operated in conjunction with junior colleges.

<sup>9</sup> \$37,472,000 for summer schools, adult education, and community colleges, not separately shown, included with elementary and secondary schools, but omitted in computing expenditure per pupil.

<sup>10</sup> Excludes \$3,890,172 expended through Alaska Public Works Program.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1954-56*, Chapter 2, Statistics of State School Systems.

No. 154. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, WHITE AND NEGRO, FOR 18 STATES: 1950, 1952, AND 1954

| STATE                         | ENROLLMENT IN—     |                    |                    |                    |                    |                    | AVERAGE DAYS ATTENDANCE PER PUPIL ENROLLED, 1954 |              |
|-------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--|--------------|
|                               | White schools      |                    |                    | Negro schools      |                    |                    | White  | Negro        |
|                               | 1950               | 1952               | 1954               | 1950               | 1952               | 1954               |  |              |
|                               |                    |                    |                    |                    |                    |                    |  |              |
| <b>Total, 18 States</b> ..... | <b>7, 424, 114</b> | <b>7, 889, 787</b> | <b>8, 401, 389</b> | <b>2, 396, 946</b> | <b>2, 472, 333</b> | <b>2, 581, 546</b> | <b>156.7</b>                                     | <b>150.6</b> |
| Alabama.....                  | 437, 779           | 439, 901           | 460, 507           | 242, 287           | 239, 373           | 243, 140           | 155.2  | 151.6        |
| Arkansas.....                 | 305, 287           | 310, 445           | 315, 111           | 101, 797           | 100, 101           | 99, 844            | 150.2  | 143.5        |
| Delaware.....                 | 37, 835            | 41, 578            | 47, 237            | 8, 220             | 8, 765             | 9, 908             | 158.2  | 150.7        |
| District of Columbia.....     | 50, 573            | 50, 174            | 49, 106            | 45, 760            | 51, 096            | 60, 029            | 144.0  | 152.3        |
| Florida.....                  | 333, 454           | 411, 179           | 487, 698           | 116, 382           | 127, 531           | 140, 770           | 153.8  | 150.6        |
| Georgia.....                  | 467, 370           | 496, 363           | 533, 508           | 250, 667           | 255, 870           | 274, 123           | 103.2  | 145.8        |
| Kentucky.....                 | 525, 759           | 532, 226           | 553, 051           | 37, 124            | 36, 404            | 38, 517            | 148.5  | 153.7        |
| Louisiana.....                | 299, 766           | 316, 122           | 343, 914           | 183, 597           | 198, 257           | 208, 577           | 161.5  | 154.1        |
| Maryland.....                 | 261, 417           | 302, 016           | 338, 308           | 73, 601            | 80, 715            | 89, 984            | 164.5  | 159.9        |
| Mississippi.....              | 263, 043           | 267, 565           | 263, 478           | 263, 797           | 268, 348           | 263, 930           | 153.6  | 132.3        |
| Missouri.....                 | 588, 141           | 611, 086           | 637, 705           | 56, 316            | 61, 997            | 65, 962            | 156.4  | 157.9        |
| North Carolina.....           | 617, 638           | 641, 081           | 683, 284           | 267, 065           | 273, 188           | 284, 782           | 104.1  | 158.8        |
| Oklahoma.....                 | 403, 570           | 473, 374           | 446, 989           | 37, 603            | 36, 902            | 36, 111            | 150.3  | 159.6        |
| South Carolina.....           | 272, 305           | 284, 541           | 304, 908           | 221, 880           | 227, 658           | 234, 529           | 157.5  | 145.0        |
| Tennessee.....                | 552, 858           | 565, 892           | 598, 247           | 106, 927           | 110, 780           | 118, 048           | 155.7  | 158.9        |
| Texas.....                    | 1, 152, 914        | 1, 249, 156        | 1, 388, 828        | 201, 253           | 206, 592           | 215, 465           | 152.9  | 146.9        |
| Virginia.....                 | 440, 807           | 476, 499           | 523, 165           | 157, 060           | 162, 268           | 172, 112           | 160.2  | 157.9        |
| West Virginia.....            | 412, 998           | 414, 589           | 426, 345           | 25, 500            | 25, 978            | 25, 646            | 158.5  | 161.0        |

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of State School Systems.

No. 155. PRIVATE ELEMENTARY AND SECONDARY SCHOOLS—INSTRUCTIONAL STAFF AND ENROLLMENT, BY STATES AND FOR PUERTO RICO: 1956

[Includes data for kindergartens. Excludes data for private residential schools for exceptional children and private vocational and trade schools. Estimated on basis of earlier surveys]

| STATE OR OTHER AREA     | In-structional staff | NUMBER OF PUPILS   |                    |                 | STATE OR OTHER AREA | In-structional staff | NUMBER OF PUPILS |             |            |
|-------------------------|----------------------|--------------------|--------------------|-----------------|---------------------|----------------------|------------------|-------------|------------|
|                         |                      | Total              | Elem-entary        | Sec-ondary      |                     |                      | Total            | Elem-entary | Sec-ondary |
| <b>Cont. U.S.</b> ..... | <b>144, 350</b>      | <b>4, 709, 360</b> | <b>3, 886, 360</b> | <b>823, 000</b> | Nebraska.....       | 1, 520               | 40, 500          | 33, 460     | 7, 040     |
| Alabama.....            | 880                  | 24, 640            | 19, 310            | 5, 330          | Nevada.....         | 80                   | 3, 460           | 2, 100      | 1, 360     |
| Arizona.....            | 730                  | 21, 500            | 14, 870            | 6, 630          | New Hamp-shire..... | 1, 240               | 30, 730          | 22, 870     | 7, 860     |
| Arkansas.....           | 390                  | 9, 310             | 7, 380             | 1, 930          | New Jersey.....     | 6, 920               | 250, 070         | 213, 930    | 36, 740    |
| California.....         | 8, 840               | 261, 000           | 216, 460           | 45, 440         | New Mexico.....     | 580                  | 23, 040          | 20, 130     | 2, 910     |
| Colorado.....           | 1, 110               | 32, 130            | 25, 740            | 6, 390          | New York.....       | 20, 400              | 718, 260         | 611, 640    | 106, 620   |
| Connecticut.....        | 3, 080               | 74, 240            | 62, 230            | 12, 010         | North Carolina..... | 610                  | 13, 480          | 10, 490     | 2, 990     |
| Delaware.....           | 440                  | 15, 150            | 12, 900            | 2, 250          | North Dakota.....   | 500                  | 15, 730          | 12, 700     | 3, 030     |
| Dist. of Co-lumbia..... | 840                  | 22, 810            | 16, 420            | 6, 390          | Ohio.....           | 8, 640               | 298, 090         | 247, 030    | 51, 060    |
| Florida.....            | 2, 050               | 44, 540            | 31, 590            | 12, 950         | Oklahoma.....       | 550                  | 15, 950          | 12, 840     | 3, 110     |
| Georgia.....            | 770                  | 15, 660            | 9, 990             | 5, 670          | Oregon.....         | 950                  | 26, 120          | 21, 240     | 4, 880     |
| Idaho.....              | 180                  | 5, 980             | 4, 970             | 1, 010          | Pennsylvania.....   | 13, 900              | 489, 430         | 400, 980    | 88, 450    |
| Illinois.....           | 12, 070              | 441, 150           | 366, 640           | 74, 510         | Rhode Island.....   | 1, 560               | 44, 630          | 37, 850     | 6, 680     |
| Indiana.....            | 2, 740               | 104, 550           | 87, 600            | 17, 050         | South Carolina..... | 370                  | 8, 170           | 6, 260      | 1, 910     |
| Iowa.....               | 2, 790               | 74, 820            | 59, 090            | 14, 860         | South Dakota.....   | 530                  | 13, 330          | 11, 260     | 2, 070     |
| Kansas.....             | 1, 370               | 39, 090            | 33, 520            | 6, 440          | Tennessee.....      | 980                  | 25, 480          | 17, 180     | 8, 300     |
| Kentucky.....           | 2, 320               | 68, 220            | 51, 540            | 16, 680         | Texas.....          | 3, 430               | 114, 120         | 99, 780     | 14, 340    |
| Louisiana.....          | 3, 590               | 114, 690           | 95, 860            | 18, 800         | Utah.....           | 160                  | 4, 180           | 3, 360      | 820        |
| Maine.....              | 1, 230               | 32, 310            | 22, 010            | 10, 300         | Vermont.....        | 630                  | 15, 860          | 10, 760     | 5, 100     |
| Maryland.....           | 2, 160               | 101, 800           | 86, 580            | 15, 220         | Virginia.....       | 1, 690               | 39, 550          | 30, 050     | 9, 500     |
| Massachusetts.....      | 7, 870               | 220, 680           | 179, 600           | 41, 080         | Washington.....     | 1, 330               | 41, 130          | 32, 980     | 8, 150     |
| Michigan.....           | 6, 090               | 254, 290           | 205, 810           | 48, 980         | West Virginia.....  | 530                  | 13, 500          | 9, 600      | 3, 900     |
| Minnesota.....          | 3, 900               | 125, 490           | 107, 090           | 18, 400         | Wisconsin.....      | 5, 420               | 194, 210         | 168, 320    | 25, 890    |
| Mississippi.....        | 730                  | 17, 760            | 13, 340            | 4, 420          | Wyoming.....        | 100                  | 3, 660           | 3, 420      | 240        |
| Missouri.....           | 3, 970               | 126, 130           | 102, 410           | 23, 720         | Alaska.....         | 110                  | 1, 830           | 1, 610      | 220        |
| Montana.....            | 510                  | 16, 000            | 12, 910            | 3, 090          | Hawaii.....         | ---                  | 26, 740          | 16, 390     | 10, 350    |
|                         |                      |                    |                    |                 | Puerto Rico.....    | 1, 460               | 48, 310          | 36, 020     | 12, 290    |

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1954-56*, Chapter 2, Statistics of State School Systems.

No. 156. SCHOOL AND COLLEGE ENROLLMENT AND EXPENDITURE: 1920 TO 1956

| ITEM   | 1920                | 1930                 | 1940                  | 1950                    | 1954                    | 1956                 |
|--|---------------------|----------------------|-----------------------|-------------------------|-------------------------|----------------------|
| <b>ENROLLMENT</b>  |                     |                      |                       |                         |                         |                      |
| <b>Total</b> <sup>1</sup> .....                                    | 24,061,778          | 29,652,377           | 29,751,203            | 31,319,271              | 35,911,050              | 39,103,046           |
| <b>Kindergarten</b> .....  | 510,949             | 786,463              | 660,909               | 1,175,312               | 1,809,445               | 1,837,604            |
| Public <sup>2</sup> .....  | 481,266             | 723,443              | 594,647               | 1,034,203               | 1,474,007               | 1,564,396            |
| Nonpublic <sup>2</sup> .....                                       | 29,683              | 54,456               | 57,341                | <sup>3</sup> 133,000    | <sup>3</sup> 317,000    | <sup>3</sup> 263,000 |
| Subcollegiate departments of institutions of higher education..... | ( <sup>5</sup> )    | ( <sup>5</sup> )     | ( <sup>5</sup> )      | ( <sup>5</sup> )        | 4,869                   | <sup>4</sup> 4,869   |
| Residential schools for exceptional children <sup>6</sup> .....    | ( <sup>5</sup> )    | <sup>7</sup> 5,164   | 5,777                 | <sup>8</sup> 4,459      | 9,300                   | ( <sup>5</sup> )     |
| Federal schools for Indians.....                                   | ( <sup>5</sup> )    | 3,400                | 3,144                 | 3,650                   | 3,869                   | <sup>4</sup> 4,939   |
| Federal schools on Federal installations.....                      | ( <sup>5</sup> )    | ( <sup>5</sup> )     | ( <sup>5</sup> )      | ( <sup>5</sup> )        | 400                     | 400                  |
| <b>Grades 1 to 8</b> .....   | 20,452,773          | 22,953,377           | 20,466,112            | 21,031,929              | 24,477,920              | 26,494,491           |
| Public <sup>2</sup> .....  | 18,897,661          | 20,555,150           | 18,237,451            | 18,352,663              | 21,071,800              | 22,725,861           |
| Nonpublic <sup>2</sup> .....                                       | 1,455,878           | 2,255,430            | 2,095,938             | 2,574,777               | 3,274,840               | 3,623,390            |
| Subcollegiate departments of institutions of higher education..... | ( <sup>5</sup> )    | ( <sup>5</sup> )     | 59,547                | 35,682                  | 47,532                  | <sup>4</sup> 47,532  |
| Residential schools for exceptional children.....                  | <sup>9</sup> 99,234 | <sup>7</sup> 124,153 | 55,954                | <sup>8</sup> 48,804     | 56,000                  | <sup>10</sup> 61,700 |
| Federal schools for Indians.....                                   | ( <sup>5</sup> )    | 18,644               | 17,222                | 19,973                  | 19,948                  | 20,638               |
| Federal schools on Federal installations.....                      | ( <sup>5</sup> )    | ( <sup>5</sup> )     | ( <sup>5</sup> )      | ( <sup>5</sup> )        | 7,800                   | 15,400               |
| <b>Grades 9 to 12 and postgraduate</b> .....                       | 2,500,176           | 4,811,800            | 7,129,979             | 6,453,009               | 7,108,973               | 7,774,951            |
| Public high schools <sup>2</sup> .....                             | 2,200,389           | 4,399,422            | 6,601,444             | 5,724,621               | 6,200,245               | 6,872,586            |
| Nonpublic high schools <sup>2</sup> .....                          | 213,920             | 341,158              | 457,768               | 672,362                 | 747,323                 | 823,000              |
| Subcollegiate departments of institutions of higher education..... | 81,367              | 59,287               | 54,070                | 38,162                  | 40,457                  | <sup>4</sup> 49,457  |
| Residential schools for exceptional children.....                  | <sup>9</sup> 4,500  | <sup>7</sup> 4,388   | 9,727                 | <sup>8</sup> 9,734      | 12,600                  | 18,400               |
| Federal schools for Indians.....                                   | ( <sup>5</sup> )    | 7,545                | 6,970                 | 8,080                   | 8,748                   | 11,108               |
| Federal schools on Federal installations.....                      | ( <sup>5</sup> )    | ( <sup>5</sup> )     | ( <sup>5</sup> )      | ( <sup>5</sup> )        | 600                     | 400                  |
| <b>Higher education</b> <sup>1</sup> .....                         | 597,880             | 1,100,737            | 1,494,203             | 2,659,021               | 2,514,712               | 2,996,000            |
| Publicly controlled.....   | 315,382             | 532,647              | 796,531               | 1,354,902               | 1,356,481               | 1,687,000            |
| Privately controlled.....  | 282,498             | 568,090              | 697,672               | 1,304,119               | 1,158,231               | 1,309,000            |
| <b>EXPENDITURE (\$1,000)<sup>11</sup></b>                          |                     |                      |                       |                         |                         |                      |
| <b>Elementary and secondary schools:</b>                           |                     |                      |                       |                         |                         |                      |
| Public <sup>2</sup> .....  | 1,036,151           | 2,318,790            | 2,344,049             | 5,837,643               | 9,092,449               | 10,955,047           |
| Nonpublic <sup>2</sup> .....                                       | ( <sup>5</sup> )    | 233,277              | 227,000               | 782,967                 | 1,354,079               | 1,626,848            |
| <b>Institutions of higher education:</b>                           |                     |                      |                       |                         |                         |                      |
| Public <sup>12</sup> .....   | 115,597             | 288,909              | <sup>13</sup> 332,562 | <sup>13</sup> 1,174,125 | <sup>13</sup> 1,616,463 | 1,963,607            |
| Nonpublic <sup>12</sup> .....                                      | 100,769             | 343,340              | <sup>13</sup> 273,163 | <sup>13</sup> 949,150   | <sup>13</sup> 1,186,637 | 1,445,581            |

<sup>1</sup> Excludes schools of nursing not affiliated with institutions of higher education.  
<sup>2</sup> Excludes subcollegiate departments of institutions of higher education, residential schools for exceptional children, and Federal schools.  
<sup>3</sup> U.S. Bureau of the Census, *Current Population Reports*, Series P-20. <sup>4</sup> 1954 data. <sup>5</sup> Not available.  
<sup>6</sup> Schools for the blind, deaf, mentally deficient, epileptics, and delinquents.  
<sup>7</sup> 1927 data. <sup>8</sup> 1946 data. <sup>9</sup> 1918 data. <sup>10</sup> Includes kindergarten. <sup>11</sup> Includes capital outlay.  
<sup>12</sup> Expenditures for all departments, including preparatory.  
<sup>13</sup> Excludes expenditures for auxiliary enterprises and activities, scholarships, fellowships, prizes and other noneducational current expenditures included in prior years, amounting to \$59,034,000 for public institutions and \$93,665,000 for private institutions for 1940; \$255,474,000 and \$283,743,000 for 1950; \$295,288,000 and \$316,281,000 for 1954; and \$361,075,000 and \$372,019,000 for 1955.

No. 157. JUNIOR COLLEGES—NUMBER AND ENROLLMENT: 1920 TO 1955

| YEAR                    | ALL SCHOOLS REPORTING |            | PUBLICLY CONTROLLED |            | PRIVATELY CONTROLLED |            |
|-------------------------|-----------------------|------------|---------------------|------------|----------------------|------------|
|                         | Number                | Enrollment | Number              | Enrollment | Number               | Enrollment |
| 1920.....               | 52                    | 8,102      | 10                  | 2,940      | 42                   | 5,162      |
| 1930.....               | 277                   | 55,616     | 129                 | 36,501     | 148                  | 19,115     |
| 1940.....               | 456                   | 149,854    | 217                 | 107,553    | 239                  | 42,301     |
| 1942.....               | 461                   | 141,272    | 231                 | 100,783    | 230                  | 40,489     |
| 1944.....               | 413                   | 88,208     | 210                 | 60,884     | 203                  | 28,324     |
| 1946.....               | 464                   | 156,456    | 242                 | 109,640    | 222                  | 46,816     |
| 1948.....               | 472                   | 240,178    | 242                 | 178,196    | 230                  | 61,977     |
| 1950.....               | 483                   | 242,740    | 256                 | 187,695    | 227                  | 55,045     |
| 1952 <sup>1</sup> ..... | 480                   | 229,991    | 265                 | 182,870    | 215                  | 47,121     |
| 1954 <sup>1</sup> ..... | 495                   | 324,696    | 270                 | 270,928    | 225                  | 53,768     |
| 1955, November 1.....   | 481                   | 335,676    | 268                 | 280,671    | 213                  | 55,005     |

<sup>1</sup> Excludes public junior colleges (designated as normal schools or teachers colleges) as follows: 1952, 28 colleges, enrollment 1,184; 1954, 23 colleges, enrollment 1,108; 1955, 22 colleges, enrollment 1,314.

Source of tables 156 and 157: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education.

No. 158. INSTITUTIONS OF HIGHER EDUCATION—FACULTY AND ENROLLMENT, BY SEX, AND INCOME AND EXPENDITURE: 1940 TO 1956

[All money figures in thousands of dollars. Data cover universities, colleges, professional schools, junior colleges, teachers' colleges, and normal schools, both publicly and privately controlled, regular session. For student enrollment and total expenditures for earlier years, see table 156]

| ITEM   | 1940      | 1950 <sup>1</sup> | 1952 <sup>1</sup> | 1954 <sup>1</sup> | 1956 <sup>1</sup> |
|--|-----------|-------------------|-------------------|-------------------|-------------------|
| Number of institutions reporting staff, enrollment, and degrees conferred..... | 1,708     | 1,851             | 1,832             | 1,863             | 1,850             |
| <b>Faculty<sup>2</sup></b> .....   | 131,552   | 210,349           | 198,477           | 265,911           | 298,910           |
| Male.....  | 94,536    | 157,691           | 150,041           | 204,871           | 230,342           |
| Female.....  | 37,016    | 52,658            | 48,436            | 61,040            | 68,568            |
| <b>Resident college enrollment</b> .....                                       | 1,494,203 | 2,659,021         | 2,301,884         | 2,514,712         | 2,637,245         |
| Male.....  | 893,250   | 1,853,068         | 1,510,650         | 1,613,466         | 1,748,198         |
| Female.....  | 600,953   | 805,953           | 791,234           | 901,246           | 889,047           |
| Number of institutions reporting income and expenditures.....                  | 1,609     | 1,851             | 1,832             | 1,863             | 1,850             |
| <b>Current income</b> .....  | 715,211   | 2,374,645         | 2,562,451         | 2,945,550         | 3,603,370         |
| Educational and general income.....  | 571,288   | 1,833,845         | 2,020,878         | 2,338,569         | 2,859,268         |
| Student fees.....  | 200,807   | 304,610           | 446,591           | 551,424           | 722,215           |
| Endowment earnings.....  | 71,304    | 96,341            | 112,859           | 127,475           | 145,000           |
| Federal Government.....  | 38,860    | 524,319           | 451,011           | 417,097           | 489,801           |
| State governments.....   | 151,222   | 491,636           | 611,302           | 740,042           | 878,349           |
| Local governments.....   | 24,392    | 61,700            | 72,013            | 88,198            | 106,857           |
| Private gifts and grants.....  | 40,453    | 118,627           | 149,826           | 190,899           | 245,085           |
| Organized activities related to instructional departments.....                 | 32,777    | 111,987           | 136,442           | 164,880           | 191,829           |
| Miscellaneous.....   | 11,383    | 34,625            | 40,885            | 58,553            | 80,133            |
| Auxiliary enterprises and activities.....                                      | 143,923   | 511,265           | 509,545           | 574,770           | 691,738           |
| Other noneducational income.....   | (3)       | 29,635            | 32,027            | 32,212            | 52,364            |
| Receipts for plant expansion.....  | 66,209    | 528,747           | 355,614           | 408,667           | 821,133           |
| Receipts for increase of endowment and other nonexpendable funds.....          | 44,518    | 116,932           | 164,308           | 190,903           | 350,410           |
| <b>Current expenditure</b> .....   | 674,689   | 2,245,661         | 2,471,008         | 2,882,864         | 3,499,463         |
| Educational and general.....   | 521,990   | 1,706,444         | 1,921,209         | 2,271,296         | 2,766,367         |
| Administration and general expense.....  | 62,827    | 213,070           | 233,844           | 288,147           | 355,207           |
| Instruction and departmental research.....                                     | 280,248   | 780,994           | 823,117           | 990,555           | 1,140,655         |
| Organized research.....  | 27,266    | 225,341           | 317,927           | 372,643           | 500,793           |
| Libraries.....   | 19,487    | 56,147            | 60,612            | 72,944            | 85,563            |
| Plant operation and maintenance.....   | 69,612    | 225,110           | 240,446           | 277,874           | 324,229           |
| Organized activities related to instruction.....                               | 27,225    | 119,108           | 147,854           | 189,905           | 222,007           |
| Extension and public services.....   | 35,325    | 86,674            | 97,408            | 112,227           | 137,914           |
| Auxiliary enterprises and activities.....                                      | 124,184   | 476,401           | 477,672           | 537,532           | 637,606           |
| Scholarships, fellowships, and prizes.....                                     | 28,514    | 62,816            | 72,127            | 74,935            | 95,490            |
| Expenditure for plant expansion.....   | 83,765    | 416,831           | 403,317           | 530,804           | 680,505           |

<sup>1</sup> Figures include estimates for institutions not reporting.

<sup>2</sup> Includes administrative officers, extension service, correspondence courses, and organized research in addition to regular staff. Prior to 1954 represents "Staff reduced to full-time basis." For 1954 and 1956, total number of different persons (not reduced to full-time basis); data as of November 1953 and November 1955, respectively.

<sup>3</sup> Not reported separately.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education.

No. 159. INSTITUTIONS OF HIGHER EDUCATION—ENROLLMENT, BY TYPE OF INSTITUTION AND BY SEX: 1957 AND 1958

[In thousands. Opening (fall) enrollment of degree-credit students. Includes estimates. Includes data for outlying areas]

| TYPE OF INSTITUTION               | 1957  |       |        |                              | 1958  |       |        |                              |
|-----------------------------------|-------|-------|--------|------------------------------|-------|-------|--------|------------------------------|
|                                   | Total | Male  | Female | First-time students enrolled | Total | Male  | Female | First-time students enrolled |
| <b>All institutions</b> .....     | 3,068 | 2,003 | 1,065  | 730                          | 3,259 | 2,110 | 1,148  | 781                          |
| Universities.....                 | 1,373 | 984   | 390    | 242                          | 1,436 | 1,017 | 419    | 256                          |
| Liberal arts colleges.....        | 827   | 463   | 364    | 205                          | 909   | 508   | 401    | 226                          |
| Independent professional schools: |       |       |        |                              |       |       |        |                              |
| Teachers colleges.....            | 205   | 141   | 153    | 75                           | 323   | 161   | 162    | 86                           |
| Technological schools.....        | 98    | 92    | 6      | 20                           | 97    | 92    | 7      | 19                           |
| Theological schools.....          | 36    | 29    | 6      | 5                            | 37    | 29    | 7      | 5                            |
| Other.....                        | 71    | 56    | 14     | 14                           | 70    | 55    | 15     | 13                           |
| Junior colleges.....              | 370   | 238   | 132    | 168                          | 387   | 249   | 138    | 175                          |

Source: Department of Health, Education, and Welfare, Office of Education; *Opening Enrollment in Higher Educational Institutions, Fall*.

No. 160. RETENTION RATE PER 1,000 STUDENTS ATTENDING SCHOOL FROM FIFTH GRADE THROUGH FIRST YEAR OF COLLEGE: 1937-1945 TO 1949-1957

| GRADE OR YEAR                        | STUDENT BODY OF— |              |              |              |              |              |              |              |              |              |              |              |              |
|--------------------------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                                      | 1937 to 1945     | 1938 to 1946 | 1939 to 1947 | 1940 to 1948 | 1941 to 1949 | 1942 to 1950 | 1943 to 1951 | 1944 to 1952 | 1945 to 1953 | 1946 to 1954 | 1947 to 1955 | 1948 to 1956 | 1949 to 1957 |
| Elementary: Fifth <sup>1</sup> ..... | 1,000            | 1,000        | 1,000        | 1,000        | 1,000        | 1,000        | 1,000        | 1,000        | 1,000        | 1,000        | 1,000        | 1,000        | 1,000        |
| Sixth.....                           | 954              | 954          | 955          | 963          | 968          | 952          | 954          | 972          | 952          | 959          | 954          | 971          | 984          |
| Seventh.....                         | 895              | 901          | 908          | 916          | 910          | 905          | 909          | 914          | 929          | 944          | 945          | 948          | 956          |
| Eighth.....                          | 849              | 850          | 853          | 846          | 836          | 834          | 847          | 870          | 858          | 875          | 919          | 919          | 929          |
| High school: I.....                  | 830              | 811          | 796          | 781          | 781          | 789          | 807          | 827          | 848          | 872          | 872          | 858          | 863          |
| II.....                              | 704              | 679          | 655          | 673          | 697          | 698          | 713          | 745          | 748          | 765          | 775          | 748          | 795          |
| III.....                             | 554              | 519          | 532          | 552          | 566          | 581          | 604          | 630          | 650          | 662          | 641          | 670          | 706          |
| IV.....                              | 425              | 428          | 444          | 476          | 507          | 514          | 539          | 557          | 549          | 552          | 583          | 594          | 619          |
| Graduates.....                       | 893              | 398          | 419          | 450          | 481          | 488          | 505          | 524          | 522          | 524          | 553          | 559          | 581          |
| Year of graduation.....              | 1944             | 1945         | 1946         | 1947         | 1948         | 1949         | 1950         | 1951         | 1952         | 1953         | 1954         | 1955         | 1956         |
| College: I.....                      | 121              | (*)          | (*)          | (*)          | (*)          | (*)          | 205          | 218          | 234          | 266          | 283          | 286          | .....        |

<sup>1</sup> Fourth grade in 11-grade system; fifth grade in 12-grade system.

<sup>2</sup> Lack of detailed information regarding veteran students makes impossible the calculation of retention rates.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, Chapter I, Statistical Summary of Education.

No. 161. INSTITUTIONS OF HIGHER EDUCATION—FACULTY, STUDENTS, AND EARNED DEGREES CONFERRED IN NEGRO INSTITUTIONS: 1950, 1954, AND 1956

| ITEM                                   | 1950    | 1954   | Total  | 1956   |                      |                                |                              |                      |
|--|---------|--------|--------|--|----------------------|--------------------------------|------------------------------|----------------------|
|  |         |        |        | Universities, colleges, and professional schools |                      | Teachers colleges <sup>1</sup> | Junior colleges <sup>2</sup> |                      |
|  |         |        |        | Publicly controlled                              | Privately controlled |                                | Publicly controlled          | Privately controlled |
| Number of institutions.....            | 105     | 106    | 98     | 21   | 58                   | 12                             | 4                            | 8                    |
| Faculty <sup>3</sup> 4.....            | 6,933   | 7,302  | 7,724  | 3,360  | 3,379                | 744                            | 81                           | 169                  |
| Male.....                              | 4,151   | 4,495  | 4,726  | 2,050  | 2,152                | 406                            | 84                           | 84                   |
| Female.....                            | 2,782   | 2,807  | 2,998  | 1,310  | 1,227                | 338                            | 47                           | 76                   |
| RESIDENT COLLEGE STUDENTS              |         |        |        |  |                      |                                |                              |                      |
| Regular session:                       |         |        |        |  |                      |                                |                              |                      |
| Total.....                             | 76,561  | 75,146 | 74,761 | 33,186   | 29,867               | 16,144                         | 642                          | 922                  |
| Male.....                              | 40,677  | 31,712 | 33,915 | 16,200   | 13,864               | 3,111                          | 355                          | 385                  |
| Female.....                            | 35,884  | 43,434 | 40,846 | 16,986   | 16,003               | 7,033                          | 287                          | 537                  |
| Graduate.....                          | 2,304   | 3,207  | 2,879  | 1,585  | 830                  | 464                            | .....                        | .....                |
| Male.....                              | 1,161   | 1,351  | 1,105  | 588  | 414                  | 103                            | .....                        | .....                |
| Female.....                            | 1,143   | 1,856  | 1,774  | 997  | 416                  | 361                            | .....                        | .....                |
| First time in any college.....         | 21,368  | 22,563 | 21,970 | 10,066   | 8,092                | 2,917                          | 344                          | 351                  |
| Male.....                              | 10,613  | 10,060 | 10,344 | 5,192  | 3,742                | 987                            | 172                          | 251                  |
| Female.....                            | 10,755  | 12,503 | 11,626 | 4,874  | 4,350                | 1,930                          | 172                          | 300                  |
| EARNED DEGREES CONFERRED               |         |        |        |  |                      |                                |                              |                      |
| Bachelor's and first professional..... | 13,108  | 11,903 | 12,084 | 4,596  | 5,120                | 2,068                          | .....                        | .....                |
| Male.....                              | 6,467   | 3,318  | 4,323  | 1,935  | 1,958                | 430                            | .....                        | .....                |
| Female.....                            | 6,641   | 8,085  | 7,761  | 2,961  | 3,162                | 1,638                          | .....                        | .....                |
| Master's and second professional.....  | 768     | 1,306  | 1,378  | 950  | 387                  | 91                             | .....                        | .....                |
| Male.....                              | 335     | 540    | 537    | 355  | 151                  | 31                             | .....                        | .....                |
| Female.....                            | 433     | 766    | 841    | 595  | 186                  | 60                             | .....                        | .....                |
| OTHER TYPES OF STUDENTS <sup>4</sup>   |         |        |        |  |                      |                                |                              |                      |
| Extension courses.....                 | } 4,563 |        | {      | 2,730  | 1,399                | 448                            | .....                        | 19                   |
| Correspondence courses.....            |         |        |        | 183  | .....                | .....                          | .....                        | .....                |
| Adult education.....                   |         |        |        | 329  | 278                  | .....                          | .....                        | .....                |
| Terminal occupational education.....   |         |        |        | 844  | 656                  | 51                             | .....                        | 51                   |
| Short-course enrollments.....          | 638     |        | 441    | 101  | 315                  | 129                            | .....                        | 25                   |

<sup>1</sup> All publicly controlled.

<sup>2</sup> Includes community colleges, technical institutes, normal schools, and other higher educational institutions restricted to less than 4 years of work on the undergraduate or terminal-occupational level.

<sup>3</sup> Total number of different persons (not reduced to full-time basis). Includes administrative officers, extension service, correspondence courses, and organized research in addition to regular staff.

<sup>4</sup> 1956 data as of November 1955.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of Higher Education.

No. 162. INSTITUTIONS OF HIGHER EDUCATION—ENROLLMENT OF TOTAL AND OF FIRST-TIME STUDENTS, BY SEX, BY STATES AND FOR OTHER AREAS: 1958

[Opening (fall) enrollment of degree-credit students. Includes estimates.]

| STATE OR OTHER AREA                 | TOTAL ENROLLMENT   |                    |                    | FIRST-TIME STUDENTS |                 |                 |
|-------------------------------------|--------------------|--------------------|--------------------|---------------------|-----------------|-----------------|
|                                     | Total              | Male               | Female             | Total               | Male            | Female          |
| <b>Continental U.S.</b> .....       | <b>3, 226, 038</b> | <b>2, 092, 218</b> | <b>1, 133, 820</b> | <b>772, 292</b>     | <b>463, 865</b> | <b>308, 427</b> |
| <b>New England</b> .....            | <b>216, 878</b>    | <b>144, 514</b>    | <b>72, 364</b>     | <b>52, 305</b>      | <b>33, 103</b>  | <b>19, 202</b>  |
| Maine.....                          | 11, 992            | 7, 826             | 4, 166             | 3, 206              | 2, 137          | 1, 129          |
| New Hampshire.....                  | 10, 866            | 7, 282             | 3, 584             | 2, 931              | 1, 790          | 1, 141          |
| Vermont.....                        | 8, 060             | 4, 954             | 3, 106             | 2, 524              | 1, 441          | 1, 083          |
| Massachusetts.....                  | 125, 951           | 83, 948            | 42, 003            | 31, 072             | 19, 724         | 11, 348         |
| Rhode Island.....                   | 16, 677            | 10, 670            | 6, 007             | 4, 417              | 2, 855          | 1, 562          |
| Connecticut.....                    | 43, 332            | 29, 834            | 13, 498            | 8, 005              | 5, 150          | 2, 939          |
| <b>Middle Atlantic</b> .....        | <b>575, 175</b>    | <b>378, 959</b>    | <b>196, 216</b>    | <b>111, 941</b>     | <b>69, 375</b>  | <b>42, 566</b>  |
| New York.....                       | 326, 846           | 208, 040           | 118, 806           | 56, 888             | 33, 989         | 22, 890         |
| New Jersey.....                     | 73, 268            | 50, 602            | 22, 666            | 15, 488             | 10, 281         | 5, 207          |
| Pennsylvania.....                   | 175, 061           | 120, 317           | 54, 744            | 30, 565             | 26, 105         | 14, 460         |
| <b>East North Central</b> .....     | <b>627, 017</b>    | <b>399, 590</b>    | <b>227, 517</b>    | <b>144, 177</b>     | <b>84, 478</b>  | <b>59, 699</b>  |
| Ohio.....                           | 156, 385           | 99, 627            | 56, 758            | 39, 545             | 22, 975         | 10, 570         |
| Indiana.....                        | 85, 852            | 57, 516            | 28, 336            | 20, 716             | 12, 695         | 8, 020          |
| Illinois.....                       | 173, 222           | 110, 788           | 62, 434            | 38, 627             | 22, 687         | 15, 940         |
| Michigan.....                       | 143, 962           | 90, 498            | 53, 464            | 29, 259             | 17, 203         | 11, 996         |
| Wisconsin.....                      | 67, 596            | 41, 071            | 26, 525            | 16, 031             | 8, 858          | 7, 173          |
| <b>West North Central</b> .....     | <b>305, 041</b>    | <b>195, 564</b>    | <b>109, 477</b>    | <b>77, 873</b>      | <b>45, 152</b>  | <b>32, 721</b>  |
| Minnesota.....                      | 70, 163            | 43, 689            | 26, 494            | 10, 345             | 9, 200          | 7, 145          |
| Iowa.....                           | 51, 919            | 32, 427            | 19, 492            | 13, 695             | 7, 909          | 5, 786          |
| Missouri.....                       | 77, 012            | 51, 265            | 25, 747            | 18, 477             | 10, 477         | 8, 000          |
| North Dakota.....                   | 12, 618            | 8, 568             | 4, 050             | 3, 907              | 2, 285          | 1, 682          |
| South Dakota.....                   | 14, 610            | 9, 490             | 6, 120             | 4, 447              | 2, 662          | 1, 785          |
| Nebraska.....                       | 30, 525            | 18, 966            | 11, 559            | 7, 530              | 4, 405          | 3, 134          |
| Kansas.....                         | 48, 104            | 31, 179            | 17, 015            | 13, 403             | 8, 214          | 6, 189          |
| <b>South Atlantic</b> .....         | <b>376, 602</b>    | <b>238, 156</b>    | <b>138, 446</b>    | <b>89, 642</b>      | <b>51, 482</b>  | <b>38, 160</b>  |
| Delaware.....                       | 0, 865             | 4, 531             | 2, 334             | 1, 495              | 872             | 623             |
| Maryland.....                       | 46, 029            | 31, 794            | 14, 235            | 9, 348              | 5, 558          | 3, 790          |
| District of Columbia.....           | 41, 738            | 27, 677            | 14, 061            | 4, 753              | 2, 646          | 2, 107          |
| Virginia.....                       | 54, 104            | 31, 166            | 22, 938            | 13, 473             | 6, 470          | 7, 003          |
| West Virginia.....                  | 27, 918            | 16, 997            | 10, 921            | 7, 187              | 4, 301          | 2, 886          |
| North Carolina.....                 | 61, 872            | 38, 534            | 23, 338            | 17, 019             | 9, 718          | 7, 301          |
| South Carolina.....                 | 29, 764            | 19, 359            | 10, 405            | 7, 534              | 4, 476          | 3, 058          |
| Georgia.....                        | 48, 739            | 31, 556            | 17, 183            | 13, 066             | 7, 040          | 5, 426          |
| Florida.....                        | 59, 573            | 36, 542            | 23, 031            | 15, 767             | 9, 801          | 5, 966          |
| <b>East South Central</b> .....     | <b>173, 899</b>    | <b>108, 496</b>    | <b>65, 403</b>     | <b>47, 604</b>      | <b>27, 590</b>  | <b>19, 414</b>  |
| Kentucky.....                       | 42, 703            | 26, 088            | 16, 615            | 11, 014             | 6, 304          | 4, 710          |
| Tennessee.....                      | 56, 910            | 35, 309            | 21, 601            | 15, 100             | 9, 010          | 6, 150          |
| Alabama.....                        | 44, 036            | 28, 596            | 15, 530            | 11, 290             | 6, 773          | 4, 487          |
| Mississippi.....                    | 30, 250            | 18, 593            | 11, 657            | 9, 570              | 5, 503          | 4, 067          |
| <b>West South Central</b> .....     | <b>304, 492</b>    | <b>202, 812</b>    | <b>100, 680</b>    | <b>78, 366</b>      | <b>48, 235</b>  | <b>30, 131</b>  |
| Arkansas.....                       | 23, 054            | 14, 588            | 8, 466             | 6, 783              | 4, 222          | 2, 561          |
| Louisiana.....                      | 52, 479            | 32, 926            | 19, 553            | 13, 964             | 8, 028          | 5, 936          |
| Oklahoma.....                       | 53, 105            | 37, 273            | 15, 832            | 14, 303             | 9, 697          | 4, 606          |
| Texas.....                          | 175, 854           | 119, 025           | 56, 829            | 43, 316             | 26, 288         | 17, 028         |
| <b>Mountain</b> .....               | <b>152, 691</b>    | <b>102, 020</b>    | <b>50, 671</b>     | <b>40, 846</b>      | <b>25, 116</b>  | <b>15, 730</b>  |
| Montana.....                        | 11, 235            | 7, 666             | 3, 569             | 3, 623              | 2, 207          | 1, 326          |
| Idaho.....                          | 10, 829            | 7, 232             | 3, 597             | 3, 700              | 2, 496          | 1, 294          |
| Wyoming.....                        | 6, 362             | 3, 975             | 2, 387             | 1, 832              | 1, 068          | 764             |
| Colorado.....                       | 44, 778            | 28, 595            | 16, 183            | 10, 410             | 5, 901          | 4, 509          |
| New Mexico.....                     | 15, 554            | 11, 241            | 4, 313             | 3, 844              | 2, 618          | 1, 226          |
| Arizona.....                        | 29, 607            | 19, 520            | 10, 087            | 8, 522              | 5, 498          | 3, 024          |
| Utah.....                           | 30, 972            | 21, 622            | 9, 350             | 7, 948              | 4, 675          | 3, 273          |
| Nevada.....                         | 3, 354             | 2, 169             | 1, 185             | 877                 | 563             | 314             |
| <b>Pacific</b> .....                | <b>482, 435</b>    | <b>309, 409</b>    | <b>173, 026</b>    | <b>128, 362</b>     | <b>77, 558</b>  | <b>50, 804</b>  |
| Washington.....                     | 57, 385            | 37, 692            | 19, 693            | 15, 704             | 9, 417          | 6, 287          |
| Oregon.....                         | 38, 530            | 23, 887            | 14, 643            | 9, 576              | 5, 487          | 4, 089          |
| California.....                     | 386, 520           | 247, 830           | 138, 690           | 103, 082            | 62, 654         | 40, 428         |
| <b>U.S. Service Academies</b> ..... | <b>11, 808</b>     | <b>11, 788</b>     | <b>20</b>          | <b>1, 776</b>       | <b>1, 776</b>   | -----           |
| Alaska.....                         | 1, 977             | 1, 032             | 945                | 1, 008              | 488             | 520             |
| Hawaii.....                         | 8, 399             | 4, 914             | 3, 485             | 2, 008              | 1, 009          | 939             |
| Canal Zone.....                     | 214                | 98                 | 116                | 119                 | 54              | 65              |
| Guam.....                           | 576                | 291                | 285                | 241                 | 154             | 87              |
| Puerto Rico.....                    | 21, 352            | 11, 873            | 9, 479             | 5, 407              | 2, 995          | 2, 412          |

Source: Department of Health, Education, and Welfare, Office of Education; *Opening Enrollment in Higher Educational Institutions, Fall, 1958.*

No. 160. RETENTION RATE PER 1,000 STUDENTS ATTENDING SCHOOL FROM FIFTH GRADE THROUGH FIRST YEAR OF COLLEGE: 1937-1945 TO 1949-1957

| GRADE OR YEAR                        | STUDENT BODY OF— |                  |                  |                  |                  |                  |              |              |              |              |              |              |              |
|--------------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                                      | 1937 to 1945     | 1938 to 1946     | 1939 to 1947     | 1940 to 1948     | 1941 to 1949     | 1942 to 1950     | 1943 to 1951 | 1944 to 1952 | 1945 to 1953 | 1946 to 1954 | 1947 to 1955 | 1948 to 1956 | 1949 to 1957 |
| Elementary: Fifth <sup>1</sup> ..... | 1,000            | 1,000            | 1,000            | 1,000            | 1,000            | 1,000            | 1,000        | 1,000        | 1,000        | 1,000        | 1,000        | 1,000        | 1,000        |
| Sixth.....                           | 954              | 954              | 955              | 963              | 968              | 952              | 954          | 972          | 952          | 959          | 954          | 971          | 984          |
| Seventh.....                         | 895              | 901              | 908              | 916              | 910              | 905              | 909          | 914          | 929          | 944          | 945          | 948          | 956          |
| Eighth.....                          | 849              | 850              | 853              | 846              | 836              | 834              | 847          | 870          | 858          | 875          | 919          | 919          | 929          |
| High school: I.....                  | 830              | 811              | 796              | 781              | 781              | 789              | 807          | 827          | 848          | 872          | 872          | 858          | 883          |
| II.....                              | 704              | 679              | 655              | 673              | 697              | 698              | 713          | 745          | 748          | 760          | 775          | 748          | 795          |
| III.....                             | 554              | 519              | 532              | 552              | 566              | 581              | 604          | 630          | 650          | 662          | 641          | 670          | 706          |
| IV.....                              | 425              | 428              | 444              | 476              | 507              | 514              | 539          | 557          | 549          | 552          | 583          | 594          | 619          |
| Graduates.....                       | 893              | 398              | 410              | 460              | 481              | 488              | 505          | 524          | 522          | 524          | 553          | 559          | 581          |
| Year of graduation.....              | 1944             | 1945             | 1946             | 1947             | 1948             | 1949             | 1950         | 1951         | 1952         | 1953         | 1954         | 1955         | 1956         |
| College: I.....                      | 121              | ( <sup>2</sup> ) | 205          | 218          | 234          | 266          | 283          | 286          | .....        |

<sup>1</sup> Fourth grade in 11-grade system; fifth grade in 12-grade system.

<sup>2</sup> Lack of detailed information regarding veteran students makes impossible the calculation of retention rates.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, Chapter 1, Statistical Summary of Education.

No. 161. INSTITUTIONS OF HIGHER EDUCATION—FACULTY, STUDENTS, AND EARNED DEGREES CONFERRED IN NEGRO INSTITUTIONS: 1950, 1954, AND 1956

| ITEM                                   | 1950   | 1954   | 1956   |  |                      |                                |                              |                      |
|--|--------|--------|--------|--|----------------------|--------------------------------|------------------------------|----------------------|
|  |        |        | Total  | Universities, colleges, and professional schools |                      | Teachers colleges <sup>1</sup> | Junior colleges <sup>2</sup> |                      |
|  |        |        |        | Publicly controlled                              | Privately controlled |                                | Publicly controlled          | Privately controlled |
| Number of institutions.....            | 105    | 106    | 98     | 21   | 53                   | 12                             | 4                            | 8                    |
| Faculty <sup>3</sup> .....             | 6,933  | 7,302  | 7,724  | 3,360  | 3,379                | 744                            | 81                           | 160                  |
| Male.....                              | 4,151  | 4,495  | 4,726  | 2,050  | 2,152                | 406                            | 34                           | 54                   |
| Female.....                            | 2,782  | 2,807  | 2,998  | 1,310  | 1,227                | 338                            | 47                           | 76                   |
| RESIDENT COLLEGE STUDENTS              |        |        |        |  |                      |                                |                              |                      |
| Regular session:                       |        |        |        |  |                      |                                |                              |                      |
| Total.....                             | 76,561 | 75,148 | 74,761 | 33,186   | 29,867               | 10,144                         | 642                          | 622                  |
| Male.....                              | 40,677 | 31,712 | 33,915 | 16,200   | 13,864               | 3,111                          | 355                          | 365                  |
| Female.....                            | 35,884 | 43,434 | 40,846 | 16,986   | 16,003               | 7,033                          | 287                          | 537                  |
| Graduate.....                          | 2,304  | 3,207  | 2,879  | 1,585  | 830                  | 404                            | .....                        | .....                |
| Male.....                              | 1,161  | 1,351  | 1,105  | 588  | 414                  | 103                            | .....                        | .....                |
| Female.....                            | 1,143  | 1,856  | 1,774  | 997  | 416                  | 361                            | .....                        | .....                |
| First time in any college.....         | 21,368 | 22,563 | 21,970 | 10,066   | 8,002                | 2,917                          | 344                          | 531                  |
| Male.....                              | 10,613 | 10,060 | 10,344 | 5,192  | 3,742                | 987                            | 172                          | 251                  |
| Female.....                            | 10,755 | 12,503 | 11,625 | 4,874  | 4,350                | 1,930                          | 172                          | 300                  |
| EARNED DEGREES CONFERRED               |        |        |        |  |                      |                                |                              |                      |
| Bachelor's and first professional..... |        |        |        |  |                      |                                |                              |                      |
| Male.....                              | 13,108 | 11,903 | 12,084 | 4,896  | 5,120                | 2,068                          | .....                        | .....                |
| Female.....                            | 6,467  | 3,818  | 4,323  | 1,935  | 1,958                | 430                            | .....                        | .....                |
| Female.....                            | 6,641  | 8,085  | 7,761  | 2,961  | 3,162                | 1,638                          | .....                        | .....                |
| Master's and second professional.....  |        |        |        |  |                      |                                |                              |                      |
| Male.....                              | 708    | 1,306  | 1,378  | 950  | 387                  | 91                             | .....                        | .....                |
| Female.....                            | 385    | 540    | 587    | 355  | 151                  | 31                             | .....                        | .....                |
| Female.....                            | 433    | 766    | 841    | 595  | 186                  | 60                             | .....                        | .....                |
| OTHER TYPES OF STUDENTS <sup>4</sup>   |        |        |        |  |                      |                                |                              |                      |
| Extension courses.....                 | .....  | 4,563  | 4,596  | 2,730  | 1,399                | 448                            | .....                        | 19                   |
| Correspondence courses.....            | .....  | .....  | 183    | 183  | .....                | .....                          | .....                        | .....                |
| Adult education.....                   | .....  | .....  | 329    | 278  | .....                | .....                          | 51                           | .....                |
| Terminal occupational education.....   | .....  | .....  | 844    | 656  | 51                   | 129                            | .....                        | 8                    |
| Short-course enrollments.....          | .....  | 638    | 441    | 101  | 315                  | .....                          | .....                        | 25                   |

<sup>1</sup> All publicly controlled.

<sup>2</sup> Includes community colleges, technical institutes, normal schools, and other higher educational institutions restricted to less than 4 years of work on the undergraduate or terminal-occupational level.

<sup>3</sup> Total number of different persons (not reduced to full-time basis). Includes administrative officers, extension service, correspondence courses, and organized research in addition to regular staff.

<sup>4</sup> 1956 data as of November 1955.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of Higher Education.

**No. 162. INSTITUTIONS OF HIGHER EDUCATION—ENROLLMENT OF TOTAL AND OF FIRST-TIME STUDENTS, BY SEX, BY STATES AND FOR OTHER AREAS: 1958**

[Opening (fall) enrollment of degree-credit students. Includes estimates]

| STATE OR OTHER AREA                 | TOTAL ENROLLMENT   |                    |                    | FIRST-TIME STUDENTS |                 |                 |
|-------------------------------------|--------------------|--------------------|--------------------|---------------------|-----------------|-----------------|
|                                     | Total              | Male               | Female             | Total               | Male            | Female          |
| <b>Continental U.S.</b> .....       | <b>3, 226, 038</b> | <b>2, 092, 218</b> | <b>1, 133, 820</b> | <b>772, 292</b>     | <b>463, 865</b> | <b>308, 427</b> |
| <b>New England</b> .....            | <b>216, 878</b>    | <b>144, 514</b>    | <b>72, 364</b>     | <b>52, 305</b>      | <b>33, 103</b>  | <b>19, 202</b>  |
| Maine.....                          | 11, 002            | 7, 822             | 4, 186             | 3, 200              | 2, 137          | 1, 129          |
| New Hampshire.....                  | 10, 866            | 8, 282             | 3, 584             | 2, 931              | 1, 790          | 1, 141          |
| Vermont.....                        | 8, 060             | 4, 954             | 3, 106             | 2, 524              | 1, 441          | 1, 083          |
| Massachusetts.....                  | 125, 951           | 83, 948            | 42, 003            | 31, 072             | 19, 724         | 11, 348         |
| Rhode Island.....                   | 16, 677            | 10, 670            | 6, 007             | 4, 417              | 2, 855          | 1, 562          |
| Connecticut.....                    | 48, 332            | 29, 834            | 13, 498            | 8, 095              | 5, 156          | 2, 939          |
| <b>Middle Atlantic</b> .....        | <b>575, 175</b>    | <b>378, 959</b>    | <b>196, 216</b>    | <b>111, 941</b>     | <b>69, 375</b>  | <b>42, 566</b>  |
| New York.....                       | 326, 846           | 208, 040           | 118, 806           | 56, 888             | 33, 989         | 22, 899         |
| New Jersey.....                     | 73, 268            | 50, 602            | 22, 666            | 15, 488             | 10, 281         | 5, 207          |
| Pennsylvania.....                   | 175, 061           | 120, 317           | 54, 747            | 39, 565             | 25, 105         | 14, 400         |
| <b>East North Central</b> .....     | <b>627, 017</b>    | <b>399, 500</b>    | <b>227, 517</b>    | <b>144, 177</b>     | <b>84, 478</b>  | <b>59, 699</b>  |
| Ohio.....                           | 156, 385           | 99, 027            | 56, 753            | 39, 545             | 22, 975         | 16, 570         |
| Indiana.....                        | 86, 852            | 57, 510            | 28, 330            | 20, 715             | 12, 695         | 8, 020          |
| Illinois.....                       | 173, 222           | 110, 788           | 62, 434            | 38, 627             | 22, 687         | 15, 940         |
| Michigan.....                       | 143, 962           | 90, 498            | 53, 404            | 29, 259             | 17, 203         | 11, 996         |
| Wisconsin.....                      | 67, 596            | 41, 071            | 26, 525            | 16, 031             | 8, 858          | 7, 173          |
| <b>West North Central</b> .....     | <b>305, 041</b>    | <b>195, 564</b>    | <b>109, 477</b>    | <b>77, 873</b>      | <b>45, 152</b>  | <b>32, 721</b>  |
| Minnesota.....                      | 70, 163            | 43, 669            | 26, 494            | 16, 345             | 9, 200          | 7, 145          |
| Iowa.....                           | 51, 919            | 32, 427            | 19, 492            | 13, 695             | 7, 909          | 5, 786          |
| Missouri.....                       | 77, 012            | 51, 265            | 25, 747            | 18, 477             | 10, 477         | 8, 000          |
| North Dakota.....                   | 12, 618            | 8, 568             | 4, 050             | 3, 967              | 2, 285          | 1, 682          |
| South Dakota.....                   | 14, 610            | 9, 490             | 5, 120             | 4, 447              | 2, 662          | 1, 785          |
| Nebraska.....                       | 30, 525            | 18, 966            | 11, 559            | 7, 539              | 4, 405          | 3, 134          |
| Kansas.....                         | 48, 194            | 31, 170            | 17, 015            | 13, 403             | 8, 214          | 5, 189          |
| <b>South Atlantic</b> .....         | <b>376, 602</b>    | <b>238, 156</b>    | <b>138, 446</b>    | <b>89, 642</b>      | <b>51, 482</b>  | <b>38, 160</b>  |
| Delaware.....                       | 6, 865             | 4, 631             | 2, 334             | 1, 495              | 872             | 623             |
| Maryland.....                       | 46, 029            | 31, 794            | 14, 235            | 9, 348              | 5, 558          | 3, 790          |
| District of Columbia.....           | 41, 738            | 27, 677            | 14, 061            | 4, 753              | 2, 046          | 2, 107          |
| Virginia.....                       | 54, 104            | 31, 166            | 22, 938            | 13, 473             | 6, 470          | 7, 003          |
| West Virginia.....                  | 27, 918            | 16, 997            | 10, 921            | 7, 187              | 4, 301          | 2, 886          |
| North Carolina.....                 | 61, 872            | 38, 534            | 23, 338            | 17, 019             | 9, 718          | 7, 301          |
| South Carolina.....                 | 29, 764            | 19, 359            | 10, 405            | 7, 534              | 4, 476          | 3, 058          |
| Georgia.....                        | 48, 739            | 31, 556            | 17, 183            | 13, 060             | 7, 640          | 6, 420          |
| Florida.....                        | 59, 573            | 36, 542            | 23, 031            | 15, 767             | 9, 801          | 5, 966          |
| <b>East South Central</b> .....     | <b>173, 899</b>    | <b>108, 496</b>    | <b>65, 403</b>     | <b>47, 004</b>      | <b>27, 590</b>  | <b>19, 414</b>  |
| Kentucky.....                       | 42, 703            | 26, 088            | 16, 615            | 11, 014             | 6, 304          | 4, 710          |
| Tennessee.....                      | 56, 910            | 35, 309            | 21, 601            | 15, 100             | 9, 010          | 6, 160          |
| Alabama.....                        | 44, 036            | 28, 506            | 15, 530            | 11, 200             | 6, 773          | 4, 487          |
| Mississippi.....                    | 30, 250            | 18, 593            | 11, 657            | 9, 570              | 5, 503          | 4, 067          |
| <b>West South Central</b> .....     | <b>304, 492</b>    | <b>203, 812</b>    | <b>109, 680</b>    | <b>78, 366</b>      | <b>48, 235</b>  | <b>30, 131</b>  |
| Arkansas.....                       | 23, 054            | 14, 588            | 8, 466             | 6, 783              | 4, 222          | 2, 561          |
| Louisiana.....                      | 52, 479            | 32, 926            | 19, 553            | 13, 964             | 8, 028          | 5, 936          |
| Oklahoma.....                       | 53, 105            | 37, 273            | 15, 832            | 14, 303             | 9, 697          | 4, 606          |
| Texas.....                          | 175, 854           | 119, 025           | 60, 829            | 43, 316             | 26, 288         | 17, 028         |
| <b>Mountain</b> .....               | <b>152, 691</b>    | <b>102, 020</b>    | <b>50, 671</b>     | <b>40, 846</b>      | <b>25, 116</b>  | <b>15, 730</b>  |
| Montana.....                        | 11, 235            | 7, 666             | 3, 569             | 3, 023              | 2, 207          | 1, 326          |
| Idaho.....                          | 10, 820            | 7, 232             | 3, 507             | 3, 700              | 2, 496          | 1, 294          |
| Wyoming.....                        | 6, 362             | 3, 975             | 2, 387             | 1, 832              | 1, 068          | 764             |
| Colorado.....                       | 44, 778            | 28, 595            | 16, 183            | 10, 410             | 5, 901          | 4, 509          |
| New Mexico.....                     | 15, 554            | 11, 241            | 4, 313             | 3, 844              | 2, 618          | 1, 226          |
| Arizona.....                        | 29, 607            | 19, 520            | 10, 087            | 8, 522              | 5, 498          | 3, 024          |
| Utah.....                           | 30, 672            | 21, 622            | 9, 350             | 7, 948              | 4, 675          | 3, 273          |
| Nevada.....                         | 3, 354             | 2, 169             | 1, 185             | 877                 | 503             | 314             |
| <b>Pacific</b> .....                | <b>482, 435</b>    | <b>309, 409</b>    | <b>173, 026</b>    | <b>128, 362</b>     | <b>77, 558</b>  | <b>50, 804</b>  |
| Washington.....                     | 57, 385            | 37, 692            | 19, 693            | 15, 704             | 9, 417          | 6, 287          |
| Oregon.....                         | 38, 530            | 23, 887            | 14, 643            | 9, 576              | 5, 487          | 4, 089          |
| California.....                     | 386, 520           | 247, 830           | 138, 690           | 103, 082            | 62, 654         | 40, 428         |
| <b>U.S. Service Academies</b> ..... | <b>11, 808</b>     | <b>11, 788</b>     | <b>20</b>          | <b>1, 776</b>       | <b>1, 776</b>   | <b>-----</b>    |
| Alaska.....                         | 1, 977             | 1, 032             | 945                | 1, 008              | 488             | 520             |
| Hawaii.....                         | 8, 399             | 4, 614             | 3, 485             | 2, 008              | 1, 069          | 939             |
| Canal Zone.....                     | 214                | 98                 | 116                | 119                 | 64              | 65              |
| Guam.....                           | 576                | 291                | 285                | 241                 | 154             | 87              |
| Puerto Rico.....                    | 21, 352            | 11, 873            | 9, 479             | 5, 407              | 2, 995          | 2, 412          |

 Source: Department of Health, Education, and Welfare, Office of Education; *Opening Enrollment in Higher Educational Institutions, Fall, 1958.*

No. 163. INSTITUTIONS OF HIGHER EDUCATION—NUMBER, FACULTY, AND ENROLLMENT, BY STATES AND FOR OTHER AREAS: 1956

[See headnote, table 158]

| STATE OR OTHER AREA           | Number of institutions | FACULTY <sup>1</sup> |               | RESIDENT ENROLLMENT (degree credit) <sup>2</sup> |                |                     | Veterans enrolled in degree-credit courses <sup>(3)</sup> | EARNED DEGREES CONFERRED        |  |              |
|-------------------------------|------------------------|----------------------|---------------|--|----------------|---------------------|---|---------------------------------|--|--------------|
|                               |                        | Male                 | Female        | Total  |                | First-time students |   | Bachelor's and 1st professional | 2nd level (master's except 1st professional) | Doctorates   |
|                               |                        |                      |               | Male   | Female         |                     |   |                                 |  |              |
| <b>Continental U.S.</b> ..... | <b>1,850</b>           | <b>230,342</b>       | <b>63,568</b> | <b>1,748,198</b>                                 | <b>889,047</b> | <b>702,012</b>      | <b>455,211</b>  | <b>308,812</b>                  | <b>59,258</b>                                | <b>8,903</b> |
| New England.....              | 152                    | 19,420               | 5,311         | 121,275  | 56,118         | 47,978              | 26,956  | 25,611                          | 5,161  | 911          |
| Maine.....                    | 17                     | 785                  | 276           | 5,404  | 2,698          | 2,637               | 1,199   | 1,568                           | 148  | .....        |
| New Hampshire.....            | 8                      | 884                  | 248           | 6,329  | 2,684          | 2,020               | 1,094   | 1,594                           | 85   | .....        |
| Vermont.....                  | 14                     | 848                  | 335           | 4,319  | 2,953          | 2,337               | 603   | 1,264                           | 172  | 3            |
| Massachusetts.....            | 74                     | 11,509               | 2,826         | 71,266   | 33,232         | 27,403              | 16,504  | 15,021                          | 3,548  | 642          |
| Rhode Island.....             | 11                     | 1,283                | 425           | 8,078  | 8,668          | 3,831               | 2,034   | 1,693                           | 131  | 84           |
| Connecticut.....              | 28                     | 4,116                | 1,201         | 25,789   | 10,883         | 9,060               | 5,462   | 4,471                           | 1,077  | 239          |
| Middle Atlantic.....          | 298                    | 46,019               | 11,498        | 353,303  | 163,265        | 110,125             | 85,374  | 60,254                          | 14,257                                       | 2,963        |
| New York.....                 | 144                    | 27,464               | 7,067         | 207,248  | 103,953        | 60,132              | 48,238  | 34,170                          | 9,703  | 1,862        |
| New Jersey.....               | 38                     | 4,434                | 1,034         | 39,523   | 16,048         | 13,044              | 11,080  | 6,050                           | 1,167  | 184          |
| Pennsylvania.....             | 116                    | 14,112               | 3,897         | 106,532  | 43,264         | 36,949              | 26,056  | 20,034                          | 3,367  | 517          |
| East North Central.....       | 318                    | 45,546               | 13,096        | 341,374  | 176,900        | 133,969             | 82,373  | 60,004                          | 11,669                                       | 2,319        |
| Ohio.....                     | 61                     | 10,982               | 2,897         | 86,585   | 48,619         | 35,483              | 21,288  | 15,098                          | 2,080  | 833          |
| Indiana.....                  | 40                     | 6,505                | 1,585         | 48,184   | 22,462         | 21,253              | 11,443  | 9,456                           | 2,137  | 471          |
| Illinois.....                 | 100                    | 14,837               | 4,394         | 97,460   | 51,690         | 35,217              | 22,621  | 16,077                          | 3,402  | 788          |
| Michigan.....                 | 54                     | 7,348                | 2,174         | 75,289   | 39,327         | 26,115              | 17,878  | 12,606                          | 3,022  | 433          |
| Wisconsin.....                | 63                     | 5,874                | 2,046         | 33,865   | 19,302         | 15,901              | 9,143   | 6,177                           | 1,028  | 344          |
| West North Central.....       | 236                    | 21,632               | 7,894         | 155,714  | 84,550         | 72,478              | 43,439  | 29,665                          | 4,253  | 815          |
| Minnesota.....                | 42                     | 3,020                | 1,826         | 31,604   | 18,699         | 14,293              | 9,686   | 5,708                           | 907  | 280          |
| Iowa.....                     | 50                     | 4,148                | 1,451         | 27,671   | 15,879         | 13,352              | 6,958   | 5,368                           | 913  | 264          |
| Missouri.....                 | 51                     | 5,854                | 1,858         | 43,271   | 21,363         | 18,897              | 12,134  | 7,413                           | 953  | 166          |
| North Dakota.....             | 12                     | 826                  | 305           | 6,192  | 8,062          | 3,323               | 2,016   | 1,109                           | 166  | 8            |
| South Dakota.....             | 15                     | 852                  | 324           | 6,779  | 3,557          | 3,078               | 2,135   | 1,286                           | 188  | .....        |
| Nebraska.....                 | 22                     | 2,377                | 826           | 15,185   | 8,482          | 6,793               | 4,096   | 3,070                           | 374  | .....        |
| Kansas.....                   | 44                     | 3,655                | 1,304         | 25,012   | 13,508         | 12,142              | 6,414   | 4,711                           | 762  | .....        |
| South Atlantic.....           | 277                    | 28,369               | 9,579         | 194,790  | 108,712        | 81,742              | 54,233  | 37,614                          | 5,668  | 783          |
| Delaware.....                 | 4                      | 625                  | 114           | 2,803  | 1,590          | 1,127               | 713   | 390                             | 157  | .....        |
| Maryland.....                 | 32                     | 4,750                | 1,240         | 27,706   | 12,417         | 8,016               | 6,437   | 4,167                           | 615  | 168          |
| District of Columbia.....     | 24                     | 3,891                | 914           | 25,001   | 11,041         | 5,396               | 6,864   | 3,539                           | 1,020  | 165          |
| Virginia.....                 | 40                     | 3,519                | 1,401         | 22,478   | 15,878         | 11,047              | 4,876   | 5,066                           | 458  | .....        |
| West Virginia.....            | 20                     | 1,295                | 562           | 13,981   | 8,439          | 7,004               | 4,490   | 2,769                           | 467  | .....        |
| North Carolina.....           | 55                     | 4,423                | 1,985         | 31,433   | 19,602         | 15,707              | 8,898   | 7,262                           | 1,144  | 264          |
| South Carolina.....           | 30                     | 1,898                | 817           | 15,224   | 8,780          | 7,143               | 3,820   | 4,077                           | 322  | 13           |
| Georgia.....                  | 47                     | 4,172                | 1,326         | 27,031   | 15,062         | 11,420              | 8,087   | 5,186                           | 648  | 84           |
| Florida.....                  | 25                     | 3,896                | 1,130         | 29,153   | 15,003         | 13,982              | 10,030  | 5,138                           | 847  | 119          |
| East South Central.....       | 149                    | 11,803               | 5,208         | 85,316   | 52,389         | 38,828              | 26,455  | 19,626                          | 3,082  | 178          |
| Kentucky.....                 | 40                     | 2,128                | 1,166         | 20,808   | 13,286         | 9,014               | 5,631   | 4,380                           | 596  | .....        |
| Tennessee.....                | 44                     | 4,571                | 1,601         | 28,109   | 16,239         | 12,171              | 7,743   | 5,841                           | 1,419  | 169          |
| Alabama.....                  | 26                     | 2,864                | 1,387         | 21,236   | 12,995         | 9,066               | 7,927   | 5,610                           | 582  | .....        |
| Mississippi.....              | 39                     | 2,240                | 1,064         | 15,163   | 9,869          | 8,547               | 5,154   | 3,395                           | 485  | .....        |
| West South Central.....       | 166                    | 18,201               | 6,304         | 174,377  | 85,376         | 72,681              | 50,372  | 30,768                          | 6,727  | 445          |
| Arkansas.....                 | 19                     | 1,528                | 579           | 11,959   | 6,276          | 5,688               | 3,638   | 2,734                           | 480  | .....        |
| Louisiana.....                | 30                     | 3,787                | 1,363         | 27,222   | 16,004         | 11,672              | 6,512   | 5,867                           | 642  | .....        |
| Oklahoma.....                 | 31                     | 3,084                | 1,043         | 32,830   | 13,617         | 14,153              | 10,890  | 5,650                           | 1,418  | .....        |
| Texas.....                    | 96                     | 9,802                | 3,329         | 102,366  | 49,476         | 41,138              | 29,332  | 16,517                          | 4,178  | 79           |
| Mountain.....                 | 66                     | 5,190                | 2,519         | 72,509   | 36,581         | 32,613              | 21,645  | 13,039                          | 2,810  | 264          |
| Montana.....                  | 11                     | 800                  | 295           | 6,013  | 3,198          | 2,779               | 1,978   | 1,031                           | 148  | .....        |
| Idaho.....                    | 7                      | 709                  | 227           | 5,764  | 2,719          | 3,133               | 1,676   | 1,005                           | 133  | .....        |
| Wyoming.....                  | 2                      | 353                  | 146           | 2,877  | 1,584          | 1,407               | 702   | 495                             | 131  | .....        |
| Colorado.....                 | 21                     | 3,085                | 810           | 20,659   | 11,284         | 9,099               | 5,513   | 4,301                           | 1,190  | 148          |
| New Mexico.....               | 7                      | 1,000                | 259           | 7,847  | 2,925          | 2,762               | 2,470   | 1,180                           | 381  | .....        |
| Arizona.....                  | 9                      | 2,058                | 273           | 11,114   | 5,599          | 4,893               | 3,351   | 1,949                           | 483  | .....        |
| Utah.....                     | 8                      | 2,058                | 465           | 16,358   | 8,440          | 7,881               | 5,568   | 2,818                           | 317  | .....        |
| Nevada.....                   | 1                      | 220                  | 95            | 1,371  | 892            | 969                 | 342   | 200                             | 27   | .....        |
| Pacific.....                  | 183                    | 29,004               | 7,139         | 241,365  | 125,155        | 109,560             | 64,364  | 30,715                          | 5,564  | 1,225        |
| Washington.....               | 26                     | 3,411                | 1,263         | 28,198   | 14,285         | 12,745              | 7,436   | 5,671                           | 640  | 154          |
| Oregon.....                   | 20                     | 2,650                | 820           | 19,152   | 10,822         | 9,069               | 4,879   | 3,581                           | 655  | 167          |
| California.....               | 131                    | 22,937               | 5,056         | 194,015  | 100,543        | 87,746              | 52,049  | 21,433                          | 4,269  | 264          |
| U.S. Service Academies.....   | 5                      | 1,167                | 20            | 8,271  | 1              | 2,038               | .....   | 1,516                           | 67   | .....        |
| Alaska.....                   | 1                      | 186                  | 51            | 563  | 416            | 368                 | 88  | 39                              | 6  | .....        |
| Hawaii.....                   | 1                      | 357                  | 135           | 2,591  | 2,449          | 1,503               | 966   | 663                             | 163  | .....        |
| Canal Zone.....               | 1                      | 15                   | 11            | 100  | 94             | 124                 | .....   | .....                           | .....  | .....        |
| Guam.....                     | 1                      | 18                   | 7             | 96   | 140            | 70                  | 4   | .....                           | .....  | .....        |
| Puerto Rico.....              | 4                      | 1,189                | 703           | 9,671  | 7,808          | 5,374               | 3,881   | 1,784                           | 13   | .....        |

<sup>1</sup> See footnote 3, table 161.

<sup>2</sup> November 1955.

<sup>3</sup> Resident and extension. Data are included, as appropriate, in columns giving data on resident enrollment.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1954-56*, Chapter 4, Statistics of Higher Education.

No. 164. INSTITUTIONS OF HIGHER EDUCATION—VALUE OF PROPERTY, ENDOWMENTS, AND OTHER PERMANENT FUNDS, INCOME, AND EXPENDITURE, BY STATES AND FOR OTHER AREAS: 1956

[In thousands of dollars]

| STATE OR OTHER AREA    | Value of plant and plant funds <sup>1</sup> | NONEXPENDABLE FUNDS                |              | INCOME FOR—        |                   |                 | EXPENDITURE        |                 |
|------------------------|---|------------------------------------|--------------|--------------------|-------------------|-----------------|--------------------|-----------------|
|                        |   | Endowment and annuity <sup>2</sup> | Student loan | Current operations | Nonexpended funds | Plant expansion | Current operations | Plant expansion |
| Continental U.S.       | 9,440,780                                   | 3,777,414                          | 58,352       | 3,603,370          | 350,410           | 821,133         | 3,499,463          | 680,505         |
| New England            | 811,099                                     | 826,707                            | 10,678       | 327,927            | 77,189            | 63,414          | 317,553            | 38,623          |
| Maine                  | 38,649                                      | 24,513                             | 206          | 13,637             | 1,940             | 2,750           | 13,375             | 1,797           |
| New Hampshire          | 31,930                                      | 47,031                             | 985          | 17,475             | 7,510             | 1,802           | 16,932             | 1,590           |
| Vermont                | 30,039                                      | 17,011                             | 477          | 13,301             | 572               | 3,784           | 12,688             | 2,361           |
| Massachusetts          | 439,093                                     | 500,460                            | 6,450        | 206,376            | 41,338            | 28,681          | 200,600            | 20,447          |
| Rhode Island           | 52,037                                      | 32,071                             | 159          | 19,352             | 5,300             | 2,652           | 10,191             | 1,707           |
| Connecticut            | 218,532                                     | 205,621                            | 2,401        | 57,786             | 20,490            | 23,745          | 54,707             | 10,661          |
| Middle Atlantic        | 1,585,519                                   | 899,979                            | 8,447        | 618,451            | 62,243            | 126,324         | 602,520            | 109,639         |
| New York               | 795,076                                     | 469,026                            | 4,403        | 350,061            | 39,335            | 64,481          | 350,622            | 52,235          |
| New Jersey             | 228,061                                     | 111,725                            | 1,315        | 64,924             | 4,118             | 18,223          | 62,355             | 19,104          |
| Pennsylvania           | 562,382                                     | 229,228                            | 2,720        | 104,466            | 18,790            | 43,620          | 180,543            | 38,300          |
| East North Central     | 1,891,050                                   | 539,189                            | 9,826        | 745,198            | 54,507            | 197,696         | 723,617            | 158,692         |
| Ohio                   | 408,641                                     | 149,271                            | 3,338        | 152,915            | 21,387            | 41,924          | 146,264            | 35,448          |
| Indiana                | 289,763                                     | 60,846                             | 1,096        | 109,582            | 5,684             | 33,063          | 106,859            | 28,970          |
| Illinois               | 510,738                                     | 252,836                            | 2,556        | 232,726            | 23,052            | 60,578          | 225,728            | 27,209          |
| Michigan               | 497,224                                     | 49,258                             | 2,020        | 170,580            | 2,581             | 65,085          | 175,069            | 50,822          |
| Wisconsin              | 184,684                                     | 26,978                             | 816          | 70,386             | 1,803             | 17,066          | 69,697             | 16,163          |
| West North Central     | 886,058                                     | 221,393                            | 5,240        | 335,846            | 19,436            | 72,286          | 319,319            | 63,565          |
| Minnesota              | 206,309                                     | 79,560                             | 1,053        | 83,070             | 5,904             | 13,467          | 77,974             | 13,293          |
| Iowa                   | 152,045                                     | 32,038                             | 750          | 74,604             | 3,443             | 14,219          | 71,640             | 13,777          |
| Missouri               | 221,141                                     | 69,794                             | 2,017        | 70,828             | 7,862             | 15,819          | 68,246             | 14,404          |
| North Dakota           | 45,815                                      | 6,466                              | 157          | 12,780             | 105               | 3,663           | 11,660             | 1,398           |
| South Dakota           | 34,061                                      | 5,189                              | 249          | 12,690             | 293               | 1,900           | 12,038             | 3,236           |
| Nebraska               | 87,049                                      | 11,609                             | 469          | 30,391             | 236               | 13,227          | 29,439             | 7,814           |
| Kansas                 | 136,838                                     | 16,085                             | 536          | 50,983             | 1,503             | 9,082           | 48,322             | 9,583           |
| South Atlantic         | 1,309,180                                   | 389,442                            | 8,892        | 434,555            | 38,203            | 95,154          | 426,862            | 92,924          |
| Delaware               | 21,844                                      | 14,277                             | 32           | 6,479              | 1,848             | 2,110           | 6,314              | 1,683           |
| Maryland               | 162,701                                     | 69,158                             | 205          | 71,588             | 10,676            | 11,804          | 70,677             | 8,726           |
| District of Columbia   | 122,468                                     | 22,049                             | 370          | 45,039             | 3,236             | 12,289          | 43,980             | 10,807          |
| Virginia               | 178,271                                     | 72,839                             | 1,245        | 64,627             | 5,264             | 10,967          | 63,056             | 8,271           |
| West Virginia          | 86,842                                      | 6,145                              | 206          | 24,480             | 603               | 11,308          | 27,430             | 10,748          |
| North Carolina         | 301,099                                     | 108,726                            | 2,536        | 84,648             | 7,104             | 19,068          | 82,928             | 20,620          |
| South Carolina         | 113,576                                     | 14,104                             | 1,276        | 32,794             | 1,124             | 6,653           | 32,365             | 7,781           |
| Georgia                | 153,888                                     | 70,849                             | 2,011        | 48,240             | 7,056             | 9,182           | 46,110             | 8,893           |
| Florida                | 168,491                                     | 11,295                             | 921          | 56,660             | 1,202             | 11,678          | 63,993             | 15,625          |
| East South Central     | 504,512                                     | 157,987                            | 3,716        | 171,801            | 11,985            | 33,761          | 168,497            | 29,561          |
| Kentucky               | 130,933                                     | 43,410                             | 904          | 37,457             | 2,870             | 11,019          | 37,007             | 9,371           |
| Tennessee              | 171,561                                     | 78,427                             | 1,594        | 58,070             | 5,627             | 11,558          | 58,055             | 9,120           |
| Alabama                | 112,083                                     | 28,083                             | 1,129        | 40,112             | 2,808             | 7,529           | 44,535             | 7,114           |
| Mississippi            | 80,935                                      | 7,107                              | 89           | 29,562             | 690               | 3,655           | 28,900             | 3,956           |
| West South Central     | 898,960                                     | 494,032                            | 5,904        | 293,199            | 61,226            | 77,640          | 281,085            | 64,162          |
| Arkansas               | 74,677                                      | 10,918                             | 409          | 25,124             | 1,302             | 5,646           | 24,036             | 7,090           |
| Louisiana              | 153,090                                     | 40,626                             | 447          | 58,044             | 4,088             | 8,439           | 68,160             | 9,899           |
| Oklahoma               | 168,831                                     | 20,470                             | 2,465        | 50,761             | 2,245             | 20,110          | 48,590             | 8,264           |
| Texas                  | 502,302                                     | 422,018                            | 2,583        | 168,070            | 53,591            | 43,445          | 149,693            | 38,909          |
| Mountain               | 376,464                                     | 45,124                             | 1,577        | 138,838            | 2,782             | 57,208          | 132,023            | 41,823          |
| Montana                | 41,563                                      | 4,921                              | 163          | 13,208             | 117               | 7,573           | 12,745             | 4,183           |
| Idaho                  | 37,456                                      | 10,165                             | 70           | 10,770             | 670               | 2,811           | 10,218             | 1,632           |
| Wyoming                | 21,600                                      | 7,410                              | 184          | 7,974              | 681               | 2,160           | 6,723              | 1,132           |
| Colorado               | 105,318                                     | 10,845                             | 600          | 44,690             | 531               | 11,721          | 42,668             | 8,065           |
| New Mexico             | 47,020                                      | 7,234                              | 47           | 17,431             | 633               | 11,565          | 16,655             | 7,222           |
| Arizona                | 48,932                                      | 1,614                              | 77           | 16,369             | 47                | 8,644           | 15,631             | 7,050           |
| Utah                   | 66,777                                      | 1,920                              | 163          | 25,207             | 30                | 11,757          | 24,489             | 11,473          |
| Nevada                 | 7,798                                       | 1,006                              | 255          | 3,189              | 73                | 977             | 2,904              | 1,166           |
| Pacific                | 1,053,547                                   | 293,562                            | 4,072        | 489,117            | 22,869            | 96,024          | 479,609            | 79,991          |
| Washington             | 166,619                                     | 56,885                             | 395          | 60,014             | 2,799             | 13,526          | 57,252             | 10,409          |
| Oregon                 | 116,689                                     | 10,784                             | 927          | 37,689             | 606               | 11,890          | 36,810             | 6,268           |
| California             | 770,239                                     | 225,893                            | 2,750        | 391,414            | 19,564            | 70,608          | 385,547            | 63,240          |
| U.S. Service Academies | 124,389                                     | -----                              | -----        | 48,439             | -----             | 1,622           | 48,376             | 1,607           |
| Alaska                 | 5,579                                       | 623                                | 33           | 3,094              | 600               | 828             | 2,928              | 1,117           |
| Hawaii                 | 13,416                                      | 270                                | 35           | 6,244              | 17                | 2,494           | 6,125              | 2,481           |
| Canal Zone             | 317   | -----                              | -----        | 125                | -----             | 2               | 125                | 2               |
| Guam                   | 223   | -----                              | -----        | 100                | -----             | -----           | 100                | -----           |
| Puerto Rico            | 24,745                                      | 441                                | 61           | 15,840             | 24                | 1,543           | 16,004             | 1,446           |

<sup>1</sup> Grounds, buildings, equipment, and unexpended plant funds.<sup>2</sup> Comprises all nonexpended funds other than student loans.Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1964-66*, Chapter 4, Statistics of Higher Education.

No. 165. EARNED DEGREES CONFERRED, BY LEVEL OF DEGREE: 1940 TO 1958

[Beginning 1948, includes Alaska, Hawaii, and Puerto Rico]

| YEAR      | Total   | Bachelor's and first professional degrees | Second-level degrees | Doctorate | YEAR      | Total   | Bachelor's and first professional degrees | Second-level degrees | Doctorate |
|-----------|---------|---|----------------------|-----------|-----------|---------|---|----------------------|-----------|
| 1940..... | 216,521 | 186,500                                   | 26,731               | 3,290     | 1952..... | 408,194 | 331,924                                   | 63,587               | 7,683     |
| 1942..... | 213,491 | 185,346                                   | 24,648               | 3,497     | 1953..... | 374,189 | 304,857                                   | 61,023               | 8,309     |
| 1944..... | 141,582 | 125,863                                   | 13,414               | 2,305     | 1954..... | 358,699 | 292,880                                   | 56,823               | 8,996     |
| 1946..... | 157,340 | 136,174                                   | 19,200               | 1,966     | 1955..... | 354,445 | 287,401                                   | 58,204               | 8,840     |
| 1948..... | 318,749 | 272,311                                   | 42,449               | 3,989     | 1956..... | 379,495 | 311,298                                   | 59,294               | 8,908     |
| 1949..... | 422,511 | 366,698                                   | 50,783               | 5,050     | 1957..... | 411,058 | 340,347                                   | 61,955               | 8,756     |
| 1950..... | 498,586 | 433,734                                   | 58,219               | 6,633     | 1958..... | 440,304 | 365,748                                   | 65,614               | 8,942     |
| 1951..... | 456,822 | 384,352                                   | 66,132               | 7,338     |           |         |   |                      |           |

Source: Department of Health, Education, and Welfare, Office of Education; circular No. 570, *Earned Degrees Conferred by Higher Educational Institutions, 1956-57*.

No. 166. LAND-GRANT INSTITUTIONS—FINANCES AND STUDENTS: 1957

[Income and expenditure figures for year ending June 30. Land-grant colleges and universities are so called because public lands were granted to the States for their establishment or support. They all conform to certain broad policy stipulations of Federal law]

| ITEM  | 52 institutions  | 17 institutions <sup>1</sup> | ITEM                                | Total   | Male    | Female  |
|---|------------------|------------------------------|-------------------------------------|---------|---------|---------|
| <b>CURRENT INCOME (\$1,000)</b>                                       |                  |                              | <b>STUDENTS</b>                     |         |         |         |
| <b>Total.....</b>   | <b>1,212,231</b> | <b>32,041</b>                | <b>52 institutions:</b>             |         |         |         |
| Educational and general.....  | 1,026,883        | 23,515                       | Resident and extension,             |         |         |         |
| Student tuition and fees.....   | 105,926          | 2,921                        | total.....                          | 715,381 | 511,415 | 203,966 |
| Federal Government.....   | 295,338          | 590                          | Degree-credit.....                  | 640,888 | 450,587 | 184,301 |
| From Veterans Adm.....  | 738              | 41                           | Resident.....                       | 529,547 | 390,930 | 138,617 |
| Regular appropriations.....   | 80,434           | 473                          | Undergraduate.....                  | 457,917 | 335,702 | 122,215 |
| Grants or contractual amounts for research.....                       | 207,027          | 57                           | Graduate.....                       | 71,630  | 55,228  | 16,402  |
| Other grants or payments.....   | 7,134            | 28                           | Extension.....                      | 111,341 | 65,657  | 45,684  |
| State governments.....  | 473,879          | 18,708                       | Nondegree-credit.....               | 74,493  | 54,823  | 19,665  |
| Local governments.....  | 5,905            | 137                          | Resident.....                       | 19,907  | 13,687  | 6,280   |
| Endowment earnings.....   | 12,182           | 27                           | Adult education.....                | 16,737  | 10,874  | 5,863   |
| Private gifts and grants.....   | 45,879           | 40                           | Terminal occupational.....          | 3,230   | 2,813   | 417     |
| Sales and services of organized activities.....                       | 60,215           | 949                          | Extension.....                      | 54,526  | 41,141  | 13,385  |
| Miscellaneous.....  | 27,560           | 133                          | Other enrollments, total.....       | 303,344 | 199,802 | 103,542 |
| Auxiliary enterprises.....  | 174,583          | 8,217                        | Correspondence.....                 | 106,572 | 58,116  | 48,456  |
| Scholarships, fellowships, and prizes.....                            | 10,765           | 309                          | Degree-credit.....                  | 63,836  | 32,534  | 31,302  |
|   |                  |                              | Nondegree-credit.....               | 42,736  | 25,582  | 17,154  |
|   |                  |                              | Short courses.....                  | 196,451 | 141,425 | 55,026  |
|   |                  |                              | Individual lessons only.....        | 321     | 261     | 60      |
| <b>CURRENT EXPENDITURE (\$1,000)</b>                                  |                  |                              | <b>17 institutions:<sup>1</sup></b> |         |         |         |
| <b>Total.....</b>   | <b>1,186,306</b> | <b>31,281</b>                | Resident and extension,             |         |         |         |
| Educational and general.....  | 1,006,024        | 23,115                       | total.....                          | 33,128  | 16,630  | 16,498  |
| Administration and general instruction and departmental research..... | 77,058           | 3,222                        | Degree-credit.....                  | 31,542  | 15,270  | 16,272  |
| Organized research.....   | 312,832          | 12,685                       | Resident.....                       | 29,070  | 14,814  | 14,256  |
| Extension and public services.....                                    | 320,529          | 55                           | Undergraduate.....                  | 27,381  | 14,173  | 13,203  |
| Libraries.....  | 124,914          | 207                          | Graduate.....                       | 1,689   | 636     | 1,053   |
| Operation and maintenance of the physical plant.....                  | 21,396           | 861                          | Extension.....                      | 2,472   | 456     | 2,016   |
| Organized activities related to educational departments.....          | 81,628           | 4,855                        | Nondegree-credit.....               | 1,586   | 1,360   | 226     |
| Auxiliary enterprises.....  | 67,667           | 1,230                        | Resident.....                       | 1,078   | 852     | 226     |
| Scholarships, fellowships, and prizes.....                            | 163,786          | 7,595                        | Adult education.....                | 268     | 143     | 125     |
|   |                  |                              | Terminal occupational.....          | 810     | 709     | 101     |
|   |                  |                              | Extension.....                      | 508     | 508     | -----   |
|   |                  |                              | Other enrollments.....              | 1,404   | 897     | 597     |
|   |                  |                              | Correspondence.....                 | 64      | 5       | 59      |
|   |                  |                              | Degree-credit.....                  | 64      | 5       | 59      |
|   |                  |                              | Nondegree-credit.....               | -----   | -----   | -----   |
|   |                  |                              | Short courses.....                  | 1,430   | 892     | 538     |
|   |                  |                              | Individual lessons only.....        | -----   | -----   | -----   |

<sup>1</sup> Attended predominantly by Negro students.

Source: Department of Health, Education, and Welfare, Office of Education; *Statistics of Land-Grant Colleges and Universities*, circular No. 541.

EARNED DEGREES CONFERRED

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No. 167. EARNED DEGREES CONFERRED, BY FIELD OF STUDY, LEVEL OF DEGREE, AND SEX: 1957

[Includes Alaska, Hawaii, and Puerto Rico]

| MAJOR FIELD OF STUDY   | BACHELOR'S AND FIRST PROFESSIONAL DEGREES <sup>1</sup> |         |         | SECOND-LEVEL DEGREES <sup>2</sup> |        |        | DOCTORATE |       |        |
|--|--|---------|---------|-----------------------------------|--------|--------|-----------|-------|--------|
|  | Total  | Male    | Female  | Total                             | Male   | Female | Total     | Male  | Female |
| All fields.....  | 340,347  | 222,738 | 117,609 | 61,955                            | 41,332 | 20,623 | 8,756     | 7,817 | 939    |
| Agriculture.....   | 5,490  | 5,340   | 150     | 953                               | 934    | 19     | 289       | 270   | 10     |
| Animal husbandry.....  | 1,374  | 1,347   | 27      | 170                               | 170    |        | 59        | 57    | 2      |
| All other.....   | 4,116  | 3,993   | 123     | 783                               | 764    | 19     | 230       | 222   | 8      |
| Architecture (excluding architectural engineering).....        | 1,493  | 1,433   | 60      | 208                               | 199    | 9      | 3         | 3     |        |
| Biological sciences <sup>3</sup> .....                         | 13,868   | 10,724  | 3,144   | 1,801                             | 1,432  | 369    | 1,103     | 991   | 112    |
| Biological and premedical, general.....                        | 4,632  | 4,088   | 544     | 70                                | 57     | 13     | 6         | 6     |        |
| Biology, general.....  | 5,688  | 3,942   | 1,746   | 457                               | 338    | 119    | 138       | 115   | 23     |
| Zoology, general.....  | 1,993  | 1,566   | 427     | 309                               | 246    | 63     | 174       | 156   | 18     |
| All other.....   | 1,555  | 1,128   | 427     | 965                               | 791    | 174    | 785       | 714   | 71     |
| Business and commerce.....                                     | 46,760   | 42,849  | 3,911   | 3,270                             | 3,147  | 123    | 93        | 93    |        |
| Accounting.....  | 10,069   | 9,667   | 402     | 414                               | 396    | 18     | 14        | 14    |        |
| Other specific major fields.....                               | 18,698   | 17,629  | 1,069   | 1,817                             | 1,749  | 68     | 37        | 37    |        |
| General, without major specialization.....                     | 14,937   | 13,877  | 1,060   | 929                               | 899    | 30     | 42        | 42    |        |
| All other.....   | 3,056  | 1,676   | 1,380   | 110                               | 103    | 7      |           |       |        |
| Education.....   | 77,722   | 23,275  | 54,447  | 30,972                            | 16,455 | 14,517 | 1,533     | 1,241 | 292    |
| Specialized teaching fields.....                               | 30,986   | 16,742  | 14,244  | 5,919                             | 3,690  | 2,259  | 241       | 190   | 51     |
| General teaching fields.....                                   | 45,255   | 6,072   | 30,183  | 9,310                             | 3,252  | 6,058  | 1,998     | 1,481 | 50     |
| Nonteaching fields.....  | 1,94   | 79      | 115     | 14,566                            | 8,874  | 5,692  | 1,036     | 808   | 175    |
| All other.....   | 1,287  | 382     | 905     | 1,177                             | 699    | 508    | 58        | 42    | 16     |
| Engineering.....   | 31,211   | 31,130  | 81      | 5,233                             | 5,217  | 16     | 596       | 595   | 1      |
| English and journalism.....                                    | 17,998   | 7,870   | 10,128  | 2,255                             | 1,246  | 1,009  | 354       | 277   | 77     |
| English and literature (including comparative literature)..... | 15,426   | 6,169   | 9,257   | 2,032                             | 1,070  | 962    | 350       | 273   | 77     |
| Journalism.....  | 2,572  | 1,701   | 871     | 223                               | 176    | 47     | 4         | 4     |        |
| Fine and applied arts.....                                     | 11,785   | 5,470   | 6,315   | 2,387                             | 1,460  | 927    | 246       | 194   | 52     |
| Music.....   | 3,127  | 1,318   | 1,809   | 1,055                             | 667    | 388    | 92        | 78    | 14     |
| Speech and dramatic arts.....                                  | 3,601  | 1,786   | 1,815   | 727                               | 419    | 308    | 127       | 97    | 30     |
| All other.....   | 5,057  | 2,366   | 2,691   | 605                               | 374    | 231    | 27        | 19    | 8      |
| Foreign languages and literature.....                          | 4,322  | 1,724   | 2,598   | 880                               | 474    | 406    | 215       | 168   | 47     |
| Forestry.....  | 1,129  | 1,125   | 4       | 169                               | 169    |        | 52        | 52    |        |
| Geography.....   | 699  | 574     | 125     | 182                               | 156    | 26     | 47        | 45    | 2      |
| Health professions.....  | 23,075   | 14,815  | 8,260   | 1,385                             | 880    | 505    | 150       | 143   | 7      |
| Dentistry, D.D.S. and D.M.D. only.....                         | 3,038  | 3,011   | 27      |                                   |        |        |           |       |        |
| Medicine, M.D. only.....                                       | 6,785  | 6,432   | 353     |                                   |        |        |           |       |        |
| Nursing.....   | 5,750  | 50      | 5,700   | 310                               | 8      | 302    |           |       |        |
| Pharmacy (excl. pharmacology).....                             | 3,542  | 3,181   | 361     | 117                               | 112    | 5      | 63        | 61    | 2      |
| All other.....   | 3,960  | 2,141   | 1,819   | 958                               | 760    | 198    | 87        | 82    | 5      |
| Home economics.....  | 4,614  | 69      | 4,545   | 481                               | 13     | 468    | 46        | 14    | 32     |
| Law (LL. B., J.D., or higher degrees).....                     | 8,832  | 8,559   | 273     | 456                               | 455    | 21     | 31        | 30    | 1      |
| Library science.....   | 1,542  | 369     | 1,173   | 198                               | 46     | 152    | 9         | 5     | 4      |
| Mathematical subjects.....                                     | 5,546  | 3,826   | 1,720   | 965                               | 777    | 188    | 249       | 236   | 13     |
| Military, naval, or air force science.....                     | 1,808  | 1,807   | 1       |                                   |        |        |           |       |        |
| Philosophy.....  | 2,833  | 2,526   | 307     | 292                               | 240    | 43     | 85        | 77    | 8      |
| Physical sciences <sup>4</sup> .....                           | 12,984   | 11,321  | 1,613   | 2,704                             | 2,483  | 221    | 1,674     | 1,603 | 71     |
| Chemistry (incl. biochemistry).....                            | 6,591  | 5,297   | 1,294   | 1,047                             | 913    | 134    | 1,003     | 955   | 48     |
| Physics.....   | 2,745  | 2,623   | 122     | 825                               | 797    | 28     | 453       | 439   | 14     |
| Geology.....   | 2,548  | 2,459   | 89      | 548                               | 532    | 16     | 129       | 127   | 2      |
| All other.....   | 1,050  | 942     | 108     | 284                               | 241    | 43     | 89        | 82    | 7      |
| Psychology.....  | 6,191  | 3,525   | 2,666   | 1,095                             | 793    | 332    | 550       | 496   | 90     |
| Religion.....  | 8,298  | 6,886   | 1,412   | 1,114                             | 925    | 189    | 246       | 232   | 14     |
| Religious education and Bible.....                             | 2,964  | 1,879   | 1,085   | 390                               | 249    | 141    | 40        | 33    | 7      |
| Theology.....  | 4,526  | 4,467   | 59      | 598                               | 572    | 26     | 133       | 128   | 5      |
| All other.....   | 808  | 540     | 268     | 136                               | 104    | 32     | 73        | 71    | 2      |
| Social sciences <sup>4</sup> .....                             | 44,165   | 31,012  | 13,153  | 4,552                             | 3,562  | 990    | 1,098     | 998   | 100    |
| Social sciences, general.....                                  | 7,472  | 5,079   | 2,393   | 513                               | 358    | 155    | 18        | 17    | 1      |
| Economics (excl. agric. econ.).....                            | 6,878  | 6,214   | 664     | 600                               | 550    | 50     | 236       | 227   | 9      |
| History.....   | 11,692   | 8,161   | 3,531   | 1,250                             | 913    | 343    | 314       | 282   | 32     |
| Political science or government.....                           | 5,874  | 4,765   | 1,109   | 535                               | 467    | 68     | 156       | 149   | 7      |
| Sociology.....   | 6,383  | 2,852   | 3,531   | 515                               | 292    | 223    | 134       | 118   | 16     |
| Social work, social administration.....                        | 1,901  | 695     | 1,206   | 33                                | 21     | 12     | 18        | 7     | 11     |
| All other.....   | 3,965  | 3,246   | 719     | 1,094                             | 955    | 139    | 222       | 198   | 24     |
| Trade and industrial training.....                             | 1,336  | 1,331   | 5       |                                   |        |        | 87        | 81    | 6      |
| Miscellaneous.....   | 6,696  | 5,178   | 1,518   | 403                               | 310    | 93     |           |       |        |

<sup>1</sup>Includes master's degrees when they constitute the first-professional degree in their respective fields.  
<sup>2</sup>Excludes such degrees as master of library science, master of social work, master of business administration, etc., when these constitute first-professional degrees. <sup>3</sup>Excludes psychology, listed independently.  
<sup>4</sup>Excludes geography, listed independently.  
<sup>5</sup>Excludes geography, philosophy, and psychology, listed independently.

Source: Department of Health, Education, and Welfare, Office of Education; circular No. 527, *Earned Degrees Conferred by Higher Educational Institutions, 1956-57*.

### No. 168. SPECIAL SCHOOLS AND CLASSES FOR EXCEPTIONAL CHILDREN—ENROLLMENT, BY TYPE OF CHILD: 1948 AND 1953

[Covers public elementary and secondary day schools. Excludes data for truant, delinquent, and maladjusted children; home- and hospital-bound children; and exceptional children enrolled in residential schools]

| TYPE                                       | 1948             |                  |                    |                   |                       | 1953             |                    |                    |                   |                       |
|--|------------------|------------------|--------------------|-------------------|-----------------------|------------------|--------------------|--------------------|-------------------|-----------------------|
|  | States reporting | Places reporting | Enrollment         |                   | Teachers <sup>1</sup> | States reporting | Places reporting   | Enrollment         |                   | Teachers <sup>1</sup> |
|  |                  |                  | Elementary schools | Secondary schools |                       |                  |                    | Elementary schools | Secondary schools |                       |
| Total.....                                 | <sup>2</sup> 49  | <sup>3</sup> 973 | 294,624            | 43,505            | 9,665                 | <sup>2</sup> 49  | <sup>3</sup> 1,785 | 389,158            | 108,058           | 14,316                |
| Mentally retarded.....                     | 46               | 714              | 74,512             | 12,518            | 4,961                 | 48               | 1,244              | 84,878             | 28,687            | 7,067                 |
| Speech-defective.....                      | 40               | 450              | 173,246            | 9,062             | 1,256                 | 49               | 1,087              | 254,179            | 52,568            | 2,256                 |
| Crippled.....                              | 36               | 269              | 13,288             | 1,222             | 1,018                 | 45               | 596                | 15,924             | 1,889             | 1,498                 |
| Hard-of-hearing.....                       | 34               | 256              | 8,580              | 1,865             | 421                   | 46               | 497                | 9,080              | 2,252             | 480                   |
| Partially seeing.....                      | 32               | 239              | 6,466              | 1,190             | 595                   | 39               | 408                | 6,544              | 1,470             | 647                   |
| Special health problems <sup>4</sup> ..... | 23               | 103              | 10,821             | 604               | 468                   | 40               | 330                | 10,106             | 1,289             | 808                   |
| Deaf.....                                  | 29               | 102              | 3,217              | 297               | 269                   | 34               | 185                | 3,446              | 480               | 479                   |
| Blind.....                                 | 13               | 31               | 414                | 115               | 56                    | 19               | 67                 | 658                | 181               | 95                    |
| Mentally gifted.....                       | 9                | 14               | 4,080              | 16,632            | 622                   | 15               | 27                 | 3,653              | 19,233            | 926                   |

<sup>1</sup> Comprises full-time and part-time teachers. A teacher serving more than one type of exceptional child is reported only with the type to which she devotes the major portion of her time.

<sup>2</sup> Includes District of Columbia.

<sup>3</sup> Total number of different places reporting a program for one or more of the specified types of exceptional children; not the sum of the figures reported in the column.

<sup>4</sup> Not reported in the 1947-48 survey. Figures for 1948 are the sum of those for "delicate" and "epileptic."

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of Special Education for Exceptional Children.

### No. 169. PUBLIC LIBRARY SYSTEMS—SELECTED DATA: 1956 AND 1957

[For fiscal years]

| ITEM  | IN CITIES OF 1,000,000 OR MORE |        | IN CITIES OF 100,000 TO 999,999 |         | IN CITIES OF 50,000 TO 99,999 |        | County and regional libraries serving 50,000 or more, 1957 |
|---|--------------------------------|--------|---------------------------------|---------|-------------------------------|--------|--|
|   | 1956                           | 1957   | 1956                            | 1957    | 1956                          | 1957   |  |
| Population served <sup>1</sup> .....1,000..         | 17,404                         | 17,404 | 29,788                          | 29,726  | 9,516                         | 9,521  | 16,062   |
| Number of volumes:                                  |                                |        |                                 |         |                               |        |  |
| Added during year.....do.....                       | 1,654                          | 1,638  | 2,934                           | 2,988   | 970                           | 945    | 1,482  |
| By purchase.....do.....                             | 1,353                          | 1,347  | 1,771                           | 2,066   | 720                           | 735    | 1,096  |
| By other means.....do.....                          | 168                            | 163    | 149                             | 185     | 53                            | 51     | 58   |
| Undistributed.....do.....                           | 133                            | 129    | 1,013                           | 737     | 197                           | 159    | 329  |
| Per capita.....do.....                              | 0.095                          | 0.094  | 0.098                           | 0.101   | 0.102                         | 0.099  | 0.087  |
| At end of year.....1,000..                          | 13,589                         | 14,060 | 44,501                          | 45,630  | 13,510                        | 14,067 | 15,700   |
| Per capita.....do.....                              | 0.78                           | 0.81   | 1.49                            | 1.53    | 1.42                          | 1.48   | 0.93   |
| Circulation.....1,000..                             | 53,026                         | 54,926 | 125,761                         | 131,469 | 44,843                        | 47,327 | 69,043   |
| Adult.....do.....                                   | 28,642                         | 29,583 | 49,365                          | 62,688  | 18,758                        | 20,293 | 21,807   |
| Juvenile.....do.....                                | 18,945                         | 20,560 | 54,986                          | 56,872  | 21,784                        | 24,179 | 30,155   |
| Undistributed.....do.....                           | 5,439                          | 4,782  | 21,410                          | 22,509  | 4,301                         | 2,855  | 17,085   |
| Per capita.....do.....                              | 3.05                           | 3.16   | 4.22                            | 4.42    | 4.71                          | 4.97   | 4.07   |
| Operating expenditures <sup>2</sup> .....\$1,000..  | 29,273                         | 30,590 | 59,678                          | 64,239  | 14,308                        | 15,836 | 18,483   |
| Per capita.....do.....                              | \$1.68                         | \$1.76 | \$2.00                          | \$2.16  | \$1.51                        | \$1.67 | \$1.99   |
| Salaries (incl. building staff).....\$1,000..       | 20,469                         | 22,051 | 43,817                          | 47,107  | 9,781                         | 10,839 | 11,811   |
| Percent of total operating expenditures.....do..... | 69.9                           | 72.1   | 73.4                            | 73.3    | 68.0                          | 68.4   | 63.9   |
| Books and periodicals.....\$1,000..                 | 3,607                          | 3,918  | 7,287                           | 7,693   | 2,206                         | 2,373  | 3,476  |
| Percent of total operating expenditures.....do..... | 12.3                           | 12.8   | 12.2                            | 12.0    | 15.4                          | 15.0   | 18.8   |

<sup>1</sup> Based on 1950 Census. Area served may include city and adjacent territory.

<sup>2</sup> Includes expenditures not shown separately.

Source: Department of Health, Education, and Welfare, Office of Education; *Statistics of Public Libraries in Cities with Populations of 100,000 or More*, *Statistics of Public Library Systems in Cities with Population of 50,000 to 99,999*, and *Statistics of County and Regional Libraries Serving Populations of 50,000 or More*.

**No. 170. INSTITUTIONS OF HIGHER EDUCATION—ENROLLMENT IN SUMMER SESSION AND IN EXTENSION AND CORRESPONDENCE WORK: 1920 TO 1956**

| YEAR | Summer session <sup>1</sup> | Extension and correspondence <sup>2</sup> | YEAR                        |   |
|------|-----------------------------|---|-----------------------------|---|
|      |                             |   | Summer session <sup>1</sup> | Extension and correspondence <sup>2</sup> |
| 1920 | 132,489                     | 101,662                                   | 1940                        | 456,679                                   |
| 1922 | 220,311                     | 155,163                                   | 1942                        | 426,849                                   |
| 1924 | 278,125                     | 194,147                                   | 1944                        | 479,326                                   |
| 1926 | 340,461                     | 324,819                                   | 1946                        | 515,602                                   |
| 1928 | 382,776                     | 360,246                                   | 1948                        | 955,429                                   |
| 1930 | 388,755                     | 354,133                                   | 1950                        | 943,021                                   |
| 1932 | 414,260                     | 440,186                                   | 1952                        | 889,752                                   |
| 1934 | 303,754                     | 253,001                                   | 1954                        | 796,070                                   |
| 1936 | 370,026                     | 297,921                                   | 1956                        | 1,047,068                                 |
| 1938 | 429,364                     | 371,173                                   |                             |   |

<sup>1</sup> For odd years, 1919, 1921, etc.      <sup>2</sup> Collegiate and noncollegiate students.

<sup>3</sup> Extension enrollment only.      Enrollment in correspondence courses was 136,606 in November 1953 and 156,602 in November 1955, respectively.      <sup>4</sup> Not available.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education.

**No. 171. VOCATIONAL PROGRAMS, FEDERALLY AIDED—NUMBER OF TEACHERS AND STUDENTS, BY TYPE OF PROGRAM AND BY SEX: 1940 TO 1957**

[For years ending June 30. Institutions Federally aided are reimbursed from Federal funds provided under act known as "The Smith-Hughes Act," or the "National Vocational Education Act of 1917," and subsequent acts extending benefits of vocational education to Alaska, Hawaii, Puerto Rico, and Virgin Islands, and providing for further development of vocational education of less-than-college grade. These acts, administered by Office of Education, provide appropriations for reimbursement in part from Federal funds for expenditures by States and local communities for vocational education. Includes Hawaii and Puerto Rico, and beginning 1955, Alaska and Virgin Islands]

| ITEM AND SEX                            | TEACHERS |        |        |        |                   | STUDENTS  |           |           |           |                   |
|---|----------|--------|--------|--------|-------------------|-----------|-----------|-----------|-----------|-------------------|
|   | 1940     | 1950   | 1955   | 1956   | 1957 <sup>1</sup> | 1940      | 1950      | 1955      | 1956      | 1957 <sup>1</sup> |
| <b>Total, all programs <sup>2</sup></b> |          |        |        |        |                   | 2,290,741 | 3,364,613 | 3,314,255 | 3,413,159 | 3,521,555         |
| Male                                    |          |        |        |        |                   | 1,279,109 | 1,715,609 | 1,700,552 | 1,731,781 | 1,806,157         |
| Female                                  |          |        |        |        |                   | 1,011,632 | 1,648,914 | 1,613,703 | 1,681,378 | 1,715,398         |
| Evening                                 | 17,744   | 20,902 | 30,722 | 31,255 | 35,709            | 728,937   | 1,520,971 | 1,389,000 | 1,456,327 | 1,523,152         |
| Part-time                               | 14,600   | 12,324 | 11,583 | 12,981 | 13,039            | 525,358   | 596,295   | 396,184   | 309,303   | 385,101           |
| All-day <sup>3</sup>                    | 25,675   | 29,733 | 34,757 | 34,471 | 35,685            | 1,030,446 | 1,247,347 | 1,529,071 | 1,557,520 | 1,613,242         |
| <b>Agriculture</b>                      |          | 13,852 | 20,277 | 20,469 | 20,853            | 584,133   | 764,975   | 776,138   | 785,599   | 774,850           |
| Male                                    |          |        |        |        |                   | 583,034   | 764,975   | 776,138   | 785,599   | 774,850           |
| Female                                  |          |        |        |        |                   | 1,099     |           |           |           |                   |
| Evening                                 | 4,976    | 3,149  | 6,481  | 6,524  | 6,824             | 192,246   | 345,007   | 272,363   | 277,840   | 270,130           |
| Part-time                               | 3,727    | 1,240  | 2,807  | 2,833  | 2,944             | 62,489    | 43,071    | 46,811    | 47,450    | 46,478            |
| All-day <sup>3</sup>                    | 9,018    | 9,463  | 10,989 | 11,112 | 11,085            | 329,398   | 376,897   | 456,964   | 460,300   | 458,242           |
| <b>Trades and industry</b>              |          | 25,511 | 29,895 | 29,036 | 32,698            | 758,409   | 804,602   | 870,954   | 883,719   | 951,761           |
| Male                                    |          |        |        |        |                   | 602,182   | 687,847   | 762,043   | 773,629   | 844,040           |
| Female                                  |          |        |        |        |                   | 156,227   | 116,755   | 108,911   | 110,090   | 106,821           |
| Evening                                 | 5,769    | 8,312  | 12,678 | 11,509 | 14,430            | 167,908   | 269,734   | 421,321   | 430,640   | 492,883           |
| Part-time                               | 9,449    | 8,671  | 6,448  | 7,556  | 7,453             | 383,579   | 312,129   | 195,702   | 197,381   | 197,438           |
| All-day <sup>3</sup>                    | 6,940    | 8,528  | 10,769 | 9,971  | 10,815            | 206,922   | 222,739   | 253,931   | 246,098   | 261,440           |
| <b>Home economics</b>                   |          | 19,657 | 23,752 | 24,955 | 26,021            | 818,766   | 1,430,366 | 1,431,808 | 1,486,816 | 1,507,940         |
| Male                                    |          |        |        |        |                   | 24,746    | 70,336    | 50,918    | 47,784    | 47,442            |
| Female                                  |          |        |        |        |                   | 794,020   | 1,360,030 | 1,380,890 | 1,439,032 | 1,460,498         |
| Evening                                 | 4,857    | 6,978  | 9,811  | 10,548 | 11,191            | 245,850   | 666,676   | 530,725   | 565,753   | 552,753           |
| Part-time                               | 1,192    | 937    | 942    | 1,019  | 1,045             | 72,790    | 115,979   | 82,907    | 70,532    | 65,137            |
| All-day <sup>3</sup>                    | 9,017    | 11,742 | 12,999 | 13,388 | 13,785            | 500,126   | 647,711   | 813,176   | 850,531   | 890,060           |
| <b>Distributive occupations</b>         |          | 3,939  | 3,138  | 4,247  | 4,861             | 129,433   | 364,670   | 235,355   | 257,025   | 279,903           |
| Male                                    |          |        |        |        |                   | 69,147    | 192,541   | 110,853   | 124,769   | 138,874           |
| Female                                  |          |        |        |        |                   | 60,286    | 172,129   | 124,502   | 132,256   | 141,029           |
| Evening                                 | 2,142    | 2,463  | 1,752  | 2,674  | 3,264             | 122,933   | 239,554   | 164,591   | 173,085   | 203,795           |
| Part-time                               | 232      | 1,476  | 1,386  | 1,573  | 1,597             | 6,500     | 125,116   | 70,764    | 83,040    | 70,108            |
| <b>Practical nursing</b>                |          |        |        |        | 446               |           |           |           |           | 7,101             |
| Male                                    |          |        |        |        |                   |           |           |           |           | 51                |
| Female                                  |          |        |        |        |                   |           |           |           |           | 7,050             |
| Evening (extension)                     |          |        |        |        |                   |           |           |           |           | 3,591             |
| All-day (preparatory)                   |          |        |        |        |                   |           |           |           |           | 3,510             |

<sup>1</sup> Provisional.      <sup>2</sup> Totals for teachers omitted because of duplications in State reports by types of schools.

<sup>3</sup> Includes day unit classes.

Source: Department of Health, Education, and Welfare, Office of Education; *Digest of Annual Reports of State Boards for Vocational Education*.

No. 172. VOCATIONAL PROGRAMS, FEDERALLY AIDED—TOTAL AND FEDERAL EXPENDITURES, 1920 TO 1957, AND BY STATES AND FOR OTHER AREAS, 1957

[In thousands of dollars. For years ending June 30. For 1920 and 1930, total includes expenditures for teacher-training not shown separately; beginning 1940, expenditures for teacher-training included in respective programs. Includes Hawaii 1930 to 1956; Puerto Rico, 1940 to 1956; Virgin Islands, 1954 to 1956; and Alaska, 1955 and 1956. See headnote, table 171]

| YEAR AND STATE OR OTHER AREA | ALL VOCATIONAL EDUCATION <sup>1</sup> |         | AGRICULTURAL EDUCATION |         | TRADE AND INDUSTRIAL EDUCATION |         | HOME ECONOMICS EDUCATION |         | DISTRIBUTIVE OCCUPATIONS |         |
|------------------------------|---------------------------------------|---------|------------------------|---------|--------------------------------|---------|--------------------------|---------|--------------------------|---------|
|                              | Total funds                           | Federal | Total funds            | Federal | Total funds                    | Federal | Total funds              | Federal | Total funds              | Federal |
| 1920.....                    | 8,535                                 | 2,477   | 2,437                  | 890     | 3,397                          | 700     | 1,054                    | 156     |                          |         |
| 1930.....                    | 29,909                                | 7,404   | 8,743                  | 3,174   | 8,815                          | 1,719   | 4,382                    | 678     |                          |         |
| 1940.....                    | 55,081                                | 20,004  | 18,373                 | 7,346   | 22,561                         | 7,105   | 13,072                   | 4,616   | 1,074                    | 637     |
| 1950.....                    | 128,717                               | 26,623  | 38,523                 | 10,087  | 47,869                         | 8,612   | 36,916                   | 6,241   | 5,408                    | 1,683   |
| 1954.....                    | 151,289                               | 25,419  | 49,976                 | 10,117  | 50,916                         | 8,627   | 45,291                   | 6,257   | 5,105                    | 417     |
| 1955.....                    | 164,761                               | 30,351  | 53,707                 | 11,826  | 55,560                         | 9,999   | 49,461                   | 7,701   | 6,033                    | 825     |
| 1956.....                    | 175,886                               | 33,180  | 56,668                 | 12,668  | 59,522                         | 10,694  | 53,232                   | 8,389   | 6,424                    | 1,430   |
| 1957 <sup>2</sup>            |                                       |         |                        |         |                                |         |                          |         |                          |         |
| Cont. U.S.....               | 187,529                               | 36,152  | 59,087                 | 13,233  | 62,863                         | 11,185  | 56,185                   | 8,595   | 8,063                    | 2,392   |
| Alabama.....                 | 4,500                                 | 1,005   | 1,888                  | 510     | 984                            | 179     | 1,484                    | 253     | 132                      | 54      |
| Arizona.....                 | 1,220                                 | 197     | 299                    | 63      | 399                            | 56      | 473                      | 54      | 36                       | 15      |
| Arkansas.....                | 3,069                                 | 749     | 1,457                  | 415     | 286                            | 88      | 1,196                    | 191     | 98                       | 31      |
| California.....              | 11,853                                | 1,874   | 2,217                  | 394     | 5,560                          | 894     | 3,163                    | 368     | 904                      | 172     |
| Colorado.....                | 1,651                                 | 321     | 376                    | 114     | 556                            | 94      | 591                      | 80      | 108                      | 22      |
| Connecticut.....             | 2,567                                 | 342     | 172                    | 69      | 2,071                          | 172     | 271                      | 72      | 46                       | 23      |
| Delaware.....                | 702                                   | 170     | 160                    | 52      | 398                            | 55      | 168                      | 43      | 70                       | 15      |
| District of Columbia.....    | 455                                   | 106     |                        |         | 205                            | 50      | 115                      | 40      | 35                       | 16      |
| Florida.....                 | 5,725                                 | 602     | 1,269                  | 150     | 2,244                          | 209     | 1,880                    | 155     | 259                      | 49      |
| Georgia.....                 | 6,471                                 | 1,075   | 2,880                  | 520     | 776                            | 201     | 2,634                    | 286     | 167                      | 56      |
| Idaho.....                   | 1,014                                 | 217     | 406                    | 92      | 275                            | 54      | 298                      | 51      | 28                       | 14      |
| Illinois.....                | 8,378                                 | 1,650   | 2,830                  | 462     | 2,242                          | 679     | 2,970                    | 336     | 307                      | 152     |
| Indiana.....                 | 4,785                                 | 956     | 1,496                  | 378     | 1,448                          | 276     | 1,726                    | 245     | 115                      | 57      |
| Iowa.....                    | 3,312                                 | 825     | 1,635                  | 414     | 501                            | 150     | 1,079                    | 211     | 93                       | 46      |
| Kansas.....                  | 2,327                                 | 574     | 1,092                  | 242     | 415                            | 126     | 688                      | 135     | 83                       | 34      |
| Kentucky.....                | 3,108                                 | 1,008   | 1,326                  | 501     | 417                            | 158     | 1,232                    | 271     | 90                       | 45      |
| Louisiana.....               | 5,487                                 | 724     | 1,947                  | 313     | 1,485                          | 184     | 1,876                    | 180     | 179                      | 47      |
| Maine.....                   | 619                                   | 215     | 187                    | 83      | 142                            | 62      | 282                      | 66      | 7                        | 3       |
| Maryland.....                | 1,836                                 | 443     | 836                    | 124     | 1,157                          | 171     | 266                      | 110     | 77                       | 38      |
| Massachusetts.....           | 7,799                                 | 721     | 590                    | 89      | 5,800                          | 397     | 1,212                    | 141     | 154                      | 76      |
| Michigan.....                | 6,866                                 | 1,336   | 1,667                  | 413     | 2,630                          | 482     | 2,070                    | 309     | 463                      | 113     |
| Minnesota.....               | 4,852                                 | 853     | 1,861                  | 395     | 1,318                          | 187     | 1,320                    | 212     | 343                      | 53      |
| Mississippi.....             | 3,689                                 | 923     | 1,846                  | 556     | 418                            | 90      | 1,332                    | 231     | 78                       | 36      |
| Missouri.....                | 4,008                                 | 1,055   | 1,453                  | 459     | 909                            | 262     | 1,271                    | 242     | 247                      | 64      |
| Montana.....                 | 796                                   | 206     | 341                    | 80      | 151                            | 51      | 250                      | 53      | 47                       | 16      |
| Nebraska.....                | 1,578                                 | 416     | 742                    | 208     | 242                            | 76      | 536                      | 106     | 58                       | 23      |
| Nevada.....                  | 531                                   | 173     | 134                    | 53      | 129                            | 50      | 197                      | 46      | 57                       | 14      |
| New Hampshire.....           | 451                                   | 157     | 126                    | 56      | 137                            | 49      | 170                      | 44      | 18                       | 8       |
| New Jersey.....              | 4,038                                 | 728     | 565                    | 98      | 2,544                          | 439     | 684                      | 100     | 205                      | 87      |
| New Mexico.....              | 930                                   | 217     | 388                    | 78      | 163                            | 52      | 303                      | 53      | 54                       | 16      |
| New York.....                | 10,790                                | 2,395   | 1,505                  | 395     | 7,347                          | 1,309   | 1,057                    | 855     | 753                      | 241     |
| North Carolina.....          | 6,249                                 | 1,419   | 3,030                  | 726     | 786                            | 216     | 2,206                    | 393     | 203                      | 66      |
| North Dakota.....            | 912                                   | 275     | 327                    | 134     | 210                            | 52      | 2,340                    | 71      | 31                       | 15      |
| Ohio.....                    | 6,275                                 | 1,618   | 2,065                  | 502     | 2,289                          | 633     | 1,591                    | 341     | 287                      | 112     |
| Oklahoma.....                | 4,782                                 | 658     | 2,297                  | 297     | 866                            | 145     | 1,428                    | 164     | 175                      | 39      |
| Oregon.....                  | 1,580                                 | 386     | 589                    | 139     | 397                            | 103     | 510                      | 108     | 96                       | 27      |
| Pennsylvania.....            | 8,950                                 | 1,936   | 1,917                  | 492     | 5,114                          | 851     | 1,554                    | 484     | 336                      | 87      |
| Rhode Island.....            | 472                                   | 156     | 62                     | 31      | 289                            | 74      | 107                      | 43      | 4                        | 2       |
| South Carolina.....          | 3,606                                 | 720     | 1,635                  | 366     | 594                            | 116     | 1,324                    | 107     | 133                      | 84      |
| South Dakota.....            | 867                                   | 270     | 362                    | 134     | 122                            | 54      | 350                      | 66      | 33                       | 16      |
| Tennessee.....               | 4,586                                 | 1,048   | 1,687                  | 525     | 1,022                          | 192     | 1,759                    | 273     | 94                       | 40      |
| Texas.....                   | 15,089                                | 1,836   | 6,278                  | 708     | 1,026                          | 636     | 6,337                    | 459     | 839                      | 126     |
| Utah.....                    | 1,066                                 | 181     | 293                    | 57      | 478                            | 55      | 242                      | 46      | 41                       | 15      |
| Vermont.....                 | 577                                   | 152     | 87                     | 37      | 219                            | 53      | 175                      | 43      | 31                       | 15      |
| Virginia.....                | 5,286                                 | 960     | 1,592                  | 414     | 1,339                          | 217     | 1,900                    | 260     | 379                      | 69      |
| Washington.....              | 4,070                                 | 668     | 984                    | 172     | 1,532                          | 181     | 1,320                    | 133     | 180                      | 42      |
| West Virginia.....           | 2,081                                 | 612     | 593                    | 244     | 768                            | 126     | 634                      | 194     | 57                       | 28      |
| Wisconsin.....               | 4,926                                 | 937     | 1,707                  | 393     | 1,622                          | 227     | 1,431                    | 229     | 99                       | 43      |
| Wyoming.....                 | 671                                   | 168     | 315                    | 84      | 144                            | 52      | 174                      | 45      | 37                       | 15      |
| Alaska.....                  | 79                                    | 40      | 2                      | 1       | 14                             | 7       | 61                       | 30      | 2                        | 1       |
| Hawaii.....                  | 895                                   | 182     | 235                    | 59      | 403                            | 52      | 197                      | 45      | 47                       | 16      |
| Puerto Rico.....             | 2,156                                 | 653     | 620                    | 288     | 755                            | 106     | 709                      | 224     | 56                       | 27      |
| Virgin Islands.....          | 73                                    | 36      | 1                      | 1       | 40                             | 20      | 26                       | 13      | 5                        | 3       |

<sup>1</sup> Beginning 1957, includes practical nursing, not shown separately. <sup>2</sup> Provisional.

Source: Department of Health, Education, and Welfare, Office of Education; *Digest of Annual Reports of State Boards for Vocational Education.*

VOCATIONAL PROGRAMS

No. 178. VOCATIONAL PROGRAMS, FEDERALLY AIDED—STUDENTS ENROLLED, BY TYPE OF PROGRAM, BY STATES AND FOR OTHER AREAS: 1956 AND 1957

[For years ending June 30. Excludes vocational teacher-training courses. See also headnote, table 171]

| STATE OR OTHER AREA | 1956      |             |                     |                |              | 1957 <sup>1</sup>  |             |                     |                |              |
|---------------------|-----------|-------------|---------------------|----------------|--------------|--------------------|-------------|---------------------|----------------|--------------|
|                     | Total     | Agriculture | Trades and industry | Home economics | Distributive | Total <sup>2</sup> | Agriculture | Trades and industry | Home economics | Distributive |
| Cont. U.S.          | 3,345,332 | 774,638     | 860,545             | 1,457,456      | 252,693      | 3,454,060          | 764,660     | 930,385             | 1,476,757      | 275,379      |
| Alabama             | 72,449    | 24,799      | 17,120              | 28,340         | 2,190        | 75,292             | 24,205      | 21,229              | 27,120         | 2,680        |
| Arizona             | 18,629    | 1,908       | 6,977               | 8,905          | 839          | 25,413             | 2,042       | 8,966               | 14,136         | 200          |
| Arkansas            | 78,874    | 27,552      | 7,933               | 41,738         | 2,251        | 86,235             | 30,675      | 7,096               | 45,776         | 2,582        |
| California          | 311,411   | 17,840      | 109,244             | 129,417        | 54,910       | 331,678            | 19,428      | 119,853             | 131,062        | 61,053       |
| Colorado            | 50,705    | 2,970       | 23,454              | 18,075         | 5,006        | 51,225             | 2,654       | 23,155              | 18,511         | 6,549        |
| Connecticut         | 23,602    | 715         | 14,581              | 6,998          | 1,308        | 26,511             | 753         | 16,334              | 7,322          | 2,091        |
| Delaware            | 8,873     | 994         | 4,141               | 2,770          | 968          | 8,673              | 881         | 4,079               | 2,944          | 701          |
| Dist. of Col.       | 9,626     | 219         | 4,033               | 3,413          | 1,961        | 8,942              |             | 3,406               | 3,087          | 1,849        |
| Florida             | 126,955   | 13,705      | 32,309              | 70,746         | 10,195       | 127,100            | 12,461      | 33,706              | 62,610         | 17,769       |
| Georgia             | 197,601   | 87,237      | 31,481              | 72,050         | 6,833        | 188,688            | 76,255      | 26,592              | 73,815         | 6,890        |
| Idaho               | 12,181    | 3,938       | 2,930               | 5,218          | 95           | 13,361             | 3,903       | 2,851               | 5,894          | 504          |
| Illinois            | 112,953   | 27,807      | 29,881              | 51,689         | 3,576        | 115,234            | 28,248      | 30,171              | 52,142         | 4,374        |
| Indiana             | 67,826    | 15,707      | 18,058              | 32,131         | 1,930        | 72,577             | 17,987      | 17,016              | 34,312         | 3,202        |
| Iowa                | 64,884    | 28,717      | 10,362              | 24,157         | 1,648        | 65,188             | 28,309      | 11,464              | 29,693         | 1,691        |
| Kansas              | 36,400    | 7,472       | 7,340               | 19,032         | 2,565        | 39,973             | 7,249       | 10,698              | 18,371         | 2,839        |
| Kentucky            | 62,781    | 17,796      | 10,834              | 30,342         | 3,809        | 64,458             | 17,266      | 10,177              | 32,092         | 4,104        |
| Louisiana           | 82,598    | 26,480      | 18,771              | 34,209         | 3,129        | 85,265             | 23,635      | 19,124              | 37,842         | 4,664        |
| Maine               | 6,379     | 1,601       | 912                 | 3,955          | 1,472        | 7,204              | 1,472       | 1,522               | 4,753          | 24           |
| Maryland            | 30,044    | 3,655       | 13,638              | 8,919          | 3,932        | 25,006             | 3,581       | 12,679              | 7,906          | 840          |
| Massachusetts       | 66,827    | 1,624       | 26,662              | 36,564         | 2,077        | 69,377             | 1,724       | 27,189              | 38,517         | 1,795        |
| Michigan            | 131,055   | 18,622      | 36,836              | 59,559         | 19,038       | 137,522            | 18,688      | 41,536              | 58,307         | 18,899       |
| Minnesota           | 79,351    | 26,742      | 15,038              | 34,154         | 3,417        | 81,839             | 26,583      | 17,043              | 34,780         | 3,426        |
| Mississippi         | 90,856    | 44,020      | 7,626               | 30,929         | 2,381        | 94,530             | 45,310      | 8,005               | 37,749         | 3,295        |
| Missouri            | 65,375    | 20,234      | 11,421              | 30,708         | 3,012        | 67,066             | 10,805      | 14,048              | 29,198         | 3,652        |
| Montana             | 10,321    | 3,204       | 2,402               | 4,161          | 404          | 10,201             | 3,131       | 2,281               | 4,289          | 500          |
| Nebraska            | 31,061    | 9,634       | 6,199               | 12,834         | 2,394        | 31,551             | 8,902       | 5,681               | 14,683         | 2,285        |
| Nevada              | 5,028     | 617         | 1,566               | 2,710          | 135          | 6,156              | 673         | 1,820               | 3,037          | 590          |
| New Hampshire       | 5,266     | 649         | 1,376               | 3,060          | 181          | 6,211              | 723         | 1,940               | 3,294          | 254          |
| New Jersey          | 25,136    | 2,515       | 17,146              | 4,828          | 647          | 27,707             | 2,626       | 18,868              | 5,591          | 549          |
| New Mexico          | 8,881     | 2,169       | 1,923               | 4,344          | 445          | 9,887              | 2,034       | 2,160               | 5,066          | 596          |
| New York            | 154,960   | 6,571       | 83,785              | 59,441         | 5,103        | 174,282            | 0,232       | 95,752              | 62,608         | 6,219        |
| North Carolina      | 115,374   | 49,864      | 9,666               | 51,958         | 3,986        | 117,904            | 48,861      | 11,346              | 51,833         | 5,478        |
| North Dakota        | 12,263    | 3,570       | 2,233               | 6,111          | 349          | 12,611             | 3,468       | 2,641               | 6,199          | 303          |
| Ohio                | 92,213    | 19,146      | 37,377              | 28,474         | 7,216        | 100,047            | 19,362      | 40,469              | 30,105         | 9,938        |
| Oklahoma            | 68,909    | 29,773      | 9,650               | 27,546         | 1,940        | 68,079             | 28,399      | 10,142              | 26,754         | 2,538        |
| Oregon              | 33,526    | 4,734       | 10,963              | 16,724         | 1,105        | 32,359             | 4,916       | 6,433               | 19,536         | 1,317        |
| Pennsylvania        | 100,582   | 14,118      | 48,729              | 33,140         | 4,595        | 101,833            | 14,400      | 49,884              | 31,752         | 5,797        |
| Rhode Island        | 4,998     | 379         | 2,083               | 2,436          | 100          | 6,455              | 435         | 2,527               | 3,369          | 88           |
| South Carolina      | 108,450   | 43,156      | 11,244              | 50,913         | 3,137        | 105,105            | 41,997      | 10,729              | 48,671         | 3,604        |
| South Dakota        | 11,465    | 3,657       | 2,408               | 4,590          | 830          | 11,358             | 3,522       | 2,405               | 4,705          | 726          |
| Tennessee           | 83,205    | 28,092      | 14,304              | 38,725         | 2,084        | 97,153             | 28,755      | 15,540              | 50,040         | 2,607        |
| Texas               | 322,881   | 60,976      | 43,125              | 167,893        | 50,887       | 306,116            | 63,324      | 47,630              | 147,110        | 47,693       |
| Utah                | 30,405    | 4,738       | 8,704               | 11,831         | 5,132        | 28,900             | 4,384       | 7,537               | 11,862         | 5,117        |
| Vermont             | 4,889     | 1,020       | 1,584               | 2,095          | 190          | 5,361              | 991         | 2,218               | 2,128          | 119          |
| Virginia            | 82,085    | 22,446      | 14,037              | 37,837         | 7,765        | 85,645             | 22,399      | 17,242              | 41,285         | 7,607        |
| Washington          | 93,047    | 9,227       | 34,082              | 38,285         | 11,453       | 103,645            | 8,798       | 45,991              | 38,521         | 10,187       |
| West Virginia       | 31,239    | 6,309       | 10,931              | 13,115         | 884          | 31,880             | 5,902       | 11,039              | 13,509         | 933          |
| Wisconsin           | 95,348    | 24,451      | 23,268              | 44,000         | 3,599        | 101,668            | 22,993      | 28,825              | 45,195         | 4,457        |
| Wyoming             | 5,655     | 1,300       | 1,148               | 2,787          | 360          | 5,589              | 1,415       | 1,380               | 2,480          | 274          |
| Alaska              | 375       |             | 33                  | 342            |              | 654                |             | 104                 | 550            |              |
| Hawaii              | 12,792    | 2,121       | 4,910               | 4,340          | 1,421        | 12,406             | 2,034       | 5,194               | 3,704          | 1,388        |
| Puerto Rico         | 53,911    | 8,792       | 17,972              | 24,270         | 2,877        | 53,553             | 8,108       | 15,826              | 26,386         | 3,147        |
| Virgin Islands      | 749       | 48          | 259                 | 408            | 34           | 882                | 48          | 252                 | 543            | 39           |

<sup>1</sup> Provisional. <sup>2</sup> Includes practical nursing, not shown separately.

Source: Department of Health, Education, and Welfare, Office of Education; *Digest of Annual Reports of State Boards for Vocational Education.*

**No. 174. FEDERAL EXPENDITURES FOR EDUCATION, BY TYPE OF PROGRAM:  
1949 TO 1957**

[In thousands of dollars. Includes outlying areas of the U.S.]

| PROGRAM   | 1949             | 1951             | 1953             | 1955             | 1957             |
|---|------------------|------------------|------------------|------------------|------------------|
| <b>Total expenditures</b> .....   | <b>3,501,406</b> | <b>2,531,337</b> | <b>1,436,231</b> | <b>1,597,248</b> | <b>1,997,825</b> |
| Elementary and secondary education.....   | 161,403          | 223,609          | 454,410          | 540,006          | 656,632          |
| School support in federally affected areas.....                                     |                  | 16,728           | 200,084          | 214,508          | 172,835          |
| Public school construction.....   |                  | 2,956            | 117,804          | 120,768          | 66,882           |
| Public school maintenance and operation.....  |                  | 13,772           | 65,995           | 85,251           | 97,781           |
| School construction on Federal bases.....   |                  |                  | 16,285           | 8,489            | 8,172            |
| School lunch program.....   | 94,777           | 118,082          | 133,540          | 160,414          | 291,579          |
| Vocational education.....   | 26,013           | 26,013           | 24,657           | 29,237           | 36,894           |
| Indians in the U.S.....   | 18,195           | 24,690           | 27,277           | 34,606           | 45,731           |
| Armed Forces—dependent children overseas.....                                       |                  | 802              | 8,911            | 16,421           | 24,375           |
| Operation of public schools.....  | 3,219            | 8,647            | 11,924           | 12,485           | 12,022           |
| District of Columbia.....   | 3,219            | 2,678            | 2,522            | 5,186            | 4,310            |
| Atomic Energy Commission sites.....   |                  | 3,682            | 6,780            | 4,410            | 4,097            |
| Canal Zone.....   |                  | 2,287            | 2,622            | 2,889            | 3,615            |
| Revenue distributed from use and sale of public lands.....                          | 11,535           | 17,605           | 24,130           | 38,310           | 38,618           |
| Revenue distributed from national forests and sub-marginal lands <sup>1</sup> ..... | 6,040            | 8,435            | 17,491           | 16,872           | 29,079           |
| All other.....  | 1,624            | 2,707            | 6,396            | 8,153            | 5,409            |
| Higher education.....   | 3,251,788        | 2,194,528        | 809,583          | 854,152          | 1,032,524        |
| Veterans education and training.....  | 2,703,862        | 1,943,341        | 667,803          | 669,314          | 781,006          |
| Veterans vocational rehabilitation.....   | 335,200          | 176,875          | 57,769           | 40,770           | 30,598           |
| Education of off-duty military personnel.....                                       |                  | 5,127            | 8,663            | 9,363            | 10,553           |
| Navy regular ROTC program.....  | 2,943            | 3,776            | 3,924            | 3,151            | 3,947            |
| National Science Foundation grants.....   |                  |                  | 1,795            | 3,678            | 6,965            |
| Land-grant colleges.....  | 5,030            | 5,030            | 5,030            | 5,052            | 5,052            |
| Howard University.....  | 3,302            | 4,262            | 4,047            | 7,654            | 3,686            |
| Gallaudet College.....  | 321              | 368              | 503              | 674              | 3,162            |
| Surplus property allocated <sup>2</sup> .....                                       | 200,015          | 54,626           | 58,840           | 113,200          | 183,675          |
| All other.....  | 1,115            | 1,123            | 1,209            | 1,236            | 3,880            |
| Adult education.....  | 20,815           | 25,365           | 35,023           | 40,664           | 87,220           |
| Vocational rehabilitation.....  | 18,216           | 21,001           | 22,948           | 24,790           | 37,786           |
| Public Health Service traineeships and training grants.....                         |                  |                  | 7,438            | 11,051           | 30,836           |
| National Science Foundation education in the sciences.....                          |                  |                  | 41               | 316              | 10,948           |
| Department of Labor apprenticeship and training.....                                | 2,599            | 3,183            | 3,324            | 3,160            | 3,399            |
| Public library services.....  |                  |                  |                  |                  | 1,890            |
| All other.....  |                  | 1,181            | 1,272            | 1,347            | 2,361            |
| In-service training of civilian personnel.....                                      |                  | 1                | 359              | 1,549            | 3,485            |
| Education of military and merchant marine personnel.....                            | 22,525           | 23,689           | 25,710           | 23,985           | 34,497           |
| Service academies.....  | 10,434           | 13,647           | 15,956           | 16,351           | 23,480           |
| West Point.....   | 4,875            | 7,223            | 8,474            | 8,717            | 9,804            |
| Annapolis.....  | 5,559            | 6,424            | 7,482            | 7,634            | 8,671            |
| Air Force Academy.....  |                  |                  |                  |                  | 5,005            |
| Coast Guard Academy.....  | 1,952            | 1,768            | 2,513            | 2,435            | 3,265            |
| Federal Merchant Marine School.....   | 3,518            | 2,746            | 2,120            | 11,997           | 2,197            |
| Training of military personnel at civilian institutions.....                        | 2,453            | 2,949            | 3,165            | 2,547            | 4,853            |
| All other.....  | 4,168            | 2,579            | 1,947            | 655              | 702              |
| Research in educational institutions.....   | 44,543           | 64,045           | 73,385           | 94,284           | 133,328          |
| Agricultural extension service.....   | 30,438           | 32,141           | 32,117           | 39,675           | 49,865           |
| Agricultural experiment stations.....   | 10,557           | 12,496           | 12,546           | 19,109           | 28,858           |
| Atomic Energy Commission contract research, fellowships, and other training.....    |                  | 15,226           | 18,441           | 20,069           | 26,620           |
| National Science Foundation obligations for basic research.....                     |                  |                  | 1,813            | 8,009            | 15,268           |
| Office of Education Administration.....   | 2,397            | 2,879            | 5,149            | 3,551            | 4,802            |
| Public Health Service research fellowships.....                                     |                  |                  | 2,017            | 2,562            | 5,397            |
| All other.....  | 1,151            | 1,303            | 1,302            | 1,300            | 2,513            |
| International education.....  | 332              | 100              | 37,761           | 42,608           | 50,139           |
| International Cooperation Administration programs.....                              |                  |                  | 14,042           | 22,518           | 28,510           |
| Educational exchange programs.....  |                  |                  | 23,360           | 19,768           | 18,603           |
| Foreign visitor program.....  |                  |                  |                  |                  | 2,500            |
| Aviation training of foreign nationals.....   | 332              | 100              | 345              | 244              | 432              |
| All other.....  |                  |                  | 14               | 78               | 92               |

<sup>1</sup> Distributed for roads and schools.

<sup>2</sup> To health and educational institutions.

FEDERAL FUNDS

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No. 175. FEDERAL FUNDS ALLOTTED FOR EDUCATION, BY STATES AND OTHER AREAS: 1957

[In thousands of dollars]

| STATE OR OTHER AREA       | Total            | FUNDS ADMINISTERED BY—                  |                                   |                      |                      | FUNDS FOR THE EDUCATION OF VETERANS |                                     | Other          |
|---------------------------|------------------|---|-----------------------------------|----------------------|----------------------|-------------------------------------|-------------------------------------|----------------|
|                           |                  | Dept. of Health, Education, and Welfare |                                   | Dept. of Agriculture |                      | Total 4                             | Education and allowance (P. L. 550) |                |
|                           |                  | Total 1                                 | Aid to Federally affected areas 2 | Total 3              | School lunch program |                                     |                                     |                |
| <b>Total</b> .....        | <b>1,997,824</b> | <b>490,737</b>                          | <b>160,077</b>                    | <b>399,381</b>       | <b>230,547</b>       | <b>813,956</b>                      | <b>766,998</b>                      | <b>293,751</b> |
| Alabama.....              | 48,232           | 13,037                                  | 3,277                             | 10,824               | 7,441                | 24,238                              | 23,232                              | 132            |
| Arizona.....              | 12,556           | 4,447                                   | 1,907                             | 2,462                | 1,644                | 5,251                               | 4,843                               | 197            |
| Arkansas.....             | 22,690           | 6,434                                   | 1,449                             | 6,982                | 4,363                | 9,097                               | 8,098                               | 76             |
| California.....           | 152,014          | 56,668                                  | 31,659                            | 20,170               | 12,873               | 72,210                              | 69,570                              | 2,975          |
| Colorado.....             | 21,690           | 8,215                                   | 3,981                             | 3,237                | 1,932                | 10,069                              | 9,306                               | 169            |
| Connecticut.....          | 17,608           | 5,711                                   | 1,098                             | 3,204                | 2,121                | 7,918                               | 7,605                               | 775            |
| Delaware.....             | 3,659            | 1,785                                   | 164                               | 975                  | 451                  | 869                                 | 833                                 | 31             |
| District of Columbia..... | 18,698           | 1,278                                   | -----                             | 772                  | 424                  | 12,291                              | 11,710                              | 4,357          |
| Florida.....              | 41,959           | 12,381                                  | 4,730                             | 7,575                | 5,716                | 21,668                              | 20,220                              | 335            |
| Georgia.....              | 50,374           | 16,048                                  | 4,851                             | 11,260               | 7,851                | 22,889                              | 22,273                              | 187            |
| Idaho.....                | 6,174            | 1,160                                   | 581                               | 1,886                | 1,072                | 3,110                               | 2,935                               | 17             |
| Illinois.....             | 71,417           | 16,634                                  | 2,634                             | 15,644               | 8,884                | 37,406                              | 35,813                              | 1,633          |
| Indiana.....              | 33,966           | 7,500                                   | 857                               | 8,390                | 5,199                | 17,283                              | 10,340                              | 784            |
| Iowa.....                 | 28,439           | 5,285                                   | 335                               | 7,184                | 3,818                | 15,765                              | 14,971                              | 204            |
| Kansas.....               | 21,104           | 7,542                                   | 3,535                             | 4,973                | 2,900                | 8,342                               | 8,028                               | 247            |
| Kentucky.....             | 28,677           | 7,549                                   | 1,099                             | 9,299                | 5,704                | 11,079                              | 11,053                              | 151            |
| Louisiana.....            | 37,883           | 7,314                                   | 966                               | 11,206               | 9,053                | 18,678                              | 18,650                              | 185            |
| Maine.....                | 8,262            | 3,339                                   | 826                               | 2,031                | 1,100                | 2,800                               | 2,719                               | 32             |
| Maryland.....             | 27,148           | 16,566                                  | 9,096                             | 4,480                | 2,838                | 5,694                               | 5,329                               | 600            |
| Massachusetts.....        | 45,105           | 10,772                                  | 2,172                             | 9,163                | 6,006                | 23,635                              | 21,437                              | 1,635          |
| Michigan.....             | 54,553           | 14,573                                  | 5,522                             | 13,063               | 7,255                | 25,941                              | 24,869                              | 976            |
| Minnesota.....            | 32,819           | 6,199                                   | 536                               | 9,005                | 5,357                | 17,126                              | 16,211                              | 490            |
| Mississippi.....          | 25,837           | 6,141                                   | 681                               | 8,186                | 4,842                | 11,451                              | 10,902                              | 58             |
| Missouri.....             | 42,708           | 9,615                                   | 2,434                             | 9,688                | 5,745                | 23,019                              | 21,929                              | 476            |
| Montana.....              | 7,749            | 3,124                                   | 935                               | 1,609                | 804                  | 2,965                               | 2,783                               | 51             |
| Nebraska.....             | 17,822           | 4,218                                   | 1,420                             | 3,168                | 1,638                | 10,366                              | 9,811                               | 71             |
| Nevada.....               | 2,635            | 1,491                                   | 712                               | 590                  | 168                  | 545                                 | 525                                 | 8              |
| New Hampshire.....        | 5,370            | 1,666                                   | 467                               | 1,268                | 707                  | 2,385                               | 2,187                               | 51             |
| New Jersey.....           | 28,267           | 8,184                                   | 2,316                             | 6,171                | 4,036                | 13,393                              | 12,770                              | 518            |
| New Mexico.....           | 13,756           | 6,219                                   | 4,218                             | 2,979                | 1,779                | 4,363                               | 4,147                               | 205            |
| New York.....             | 105,720          | 25,128                                  | 3,863                             | 22,295               | 12,654               | 55,481                              | 51,344                              | 2,817          |
| North Carolina.....       | 51,369           | 14,075                                  | 1,462                             | 14,031               | 9,593                | 22,761                              | 21,798                              | 502            |
| North Dakota.....         | 8,900            | 1,245                                   | 181                               | 2,271                | 1,198                | 5,855                               | 5,144                               | 30             |
| Ohio.....                 | 57,630           | 13,955                                  | 4,421                             | 16,748               | 10,680               | 26,153                              | 24,603                              | 674            |
| Oklahoma.....             | 36,640           | 13,463                                  | 6,678                             | 7,078                | 4,632                | 15,945                              | 15,204                              | 155            |
| Oregon.....               | 16,871           | 5,922                                   | 1,218                             | 3,580                | 2,304                | 7,127                               | 6,618                               | 242            |
| Pennsylvania.....         | 78,514           | 18,515                                  | 1,670                             | 16,130               | 10,937               | 42,329                              | 39,683                              | 1,541          |
| Rhode Island.....         | 9,840            | 3,595                                   | 1,262                             | 1,260                | 697                  | 4,380                               | 4,121                               | 105            |
| South Carolina.....       | 28,147           | 7,713                                   | 2,287                             | 7,320                | 5,082                | 13,071                              | 12,612                              | 42             |
| South Dakota.....         | 11,764           | 3,323                                   | 1,427                             | 2,404                | 1,249                | 6,013                               | 5,821                               | 24             |
| Tennessee.....            | 39,425           | 9,914                                   | 2,074                             | 11,610               | 7,734                | 17,488                              | 16,632                              | 413            |
| Texas.....                | 98,423           | 27,204                                  | 10,285                            | 17,866               | 12,283               | 52,609                              | 50,167                              | 564            |
| Utah.....                 | 14,548           | 4,000                                   | 1,716                             | 2,172                | 1,470                | 8,107                               | 7,872                               | 269            |
| Vermont.....              | 3,819            | 1,260                                   | 49                                | 1,205                | 622                  | 1,284                               | 1,178                               | 71             |
| Virginia.....             | 43,717           | 24,303                                  | 13,166                            | 8,850                | 5,646                | 10,869                              | 9,781                               | 195            |
| Washington.....           | 32,022           | 14,621                                  | 5,846                             | 5,376                | 3,339                | 11,767                              | 11,203                              | 258            |
| West Virginia.....        | 17,789           | 4,768                                   | 191                               | 5,801                | 4,090                | 7,183                               | 6,657                               | 96             |
| Wisconsin.....            | 31,853           | 5,044                                   | 524                               | 8,644                | 4,380                | 16,182                              | 15,166                              | 1,083          |
| Wyoming.....              | 3,780            | 1,335                                   | 439                               | 997                  | 400                  | 1,418                               | 1,331                               | 30             |
| Alaska.....               | 9,727            | 4,143                                   | 3,389                             | 373                  | 96                   | -----                               | -----                               | 5,212          |
| Hawaii.....               | 6,355            | 4,478                                   | 2,592                             | 1,813                | 1,190                | -----                               | -----                               | 65             |
| Canal Zone.....           | 3,647            | -----                                   | -----                             | -----                | -----                | -----                               | -----                               | 3,647          |
| Guam.....                 | 311              | 287                                     | 287                               | 24                   | 24                   | -----                               | -----                               | -----          |
| Puerto Rico.....          | 11,699           | 3,062                                   | -----                             | 8,634                | 6,555                | -----                               | -----                               | 3              |
| Virgin Islands.....       | 243              | 68                                      | -----                             | 146                  | 146                  | -----                               | -----                               | 28             |
| National 5.....           | 298,727          | 65,668                                  | -----                             | 6,052                | -----                | 7,100                               | -----                               | 219,907        |
| Other.....                | 48,481           | 58,478                                  | -----                             | 20,269               | -----                | 39,448                              | 38,673                              | 38,252         |

1 Includes, in addition to Federally affected areas, funds for support of land-grant colleges, vocational education below college level, vocational rehabilitation, American Printing House for the Blind, value of surplus property transferred to educational institutions, education of Public Health personnel, etc.

2 Areas affected by Federal activity and employment, e. g., defense production, etc.

3 Includes, in addition to school-lunch program, funds for Agricultural Experiment Stations, and Cooperative Agricultural Extension School.

4 Includes also vocational rehabilitation under Public Laws 16 and 894, education and training under Public Law 346, and educational assistance for war orphans under Public Law 634.

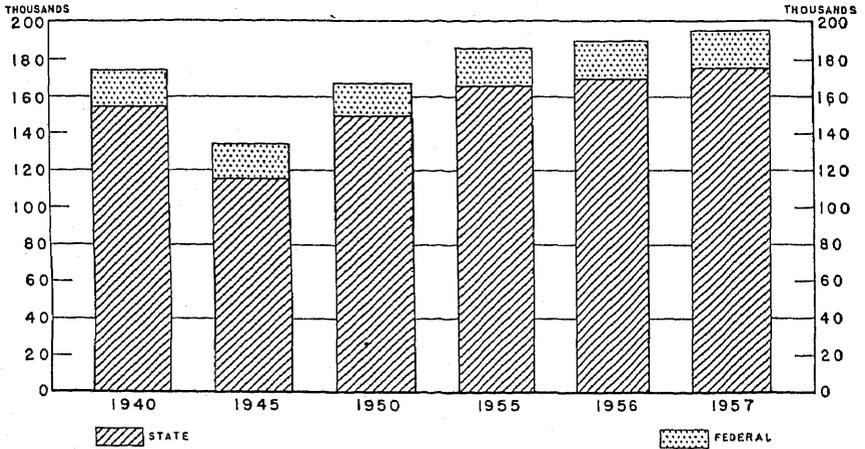
5 Federal funds allotted to national programs which cannot be reported by States.

6 Negative reconciliation figure.

Source: Department of Health, Education, and Welfare, Office of Education; biennial report, *Federal Funds for Education*.

FIG. X. PRISONERS PRESENT IN FEDERAL AND STATE PRISONS AT END OF YEAR: 1940 TO 1957

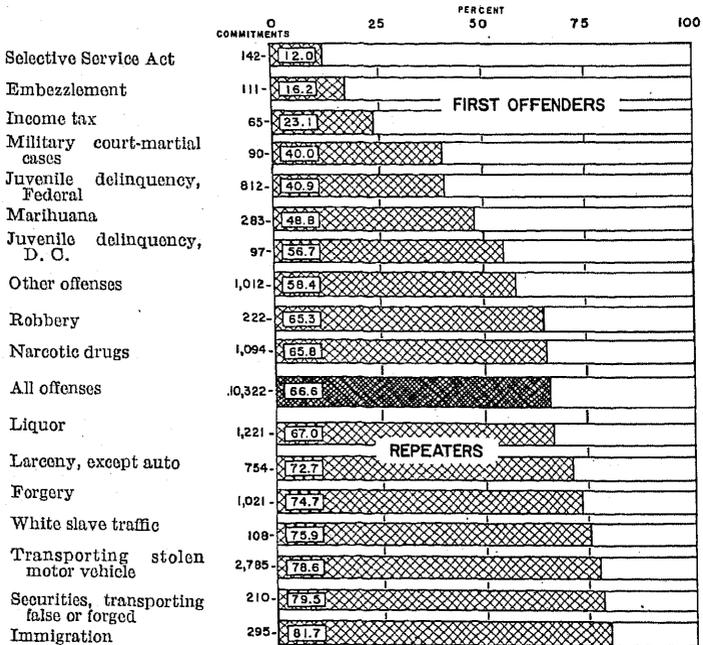
[See table 196]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Department of Justice, Bureau of Prisons.

FIG. XI. PERCENTAGE OF REPEATERS AMONG PRISONERS COMMITTED TO FEDERAL INSTITUTIONS UNDER SENTENCE OF MORE THAN ONE YEAR: 1958

[See table 201]



Source: Department of Justice, Bureau of Prisons.

## Section 5

### Law Enforcement, Federal Courts, and Prisons

This section presents data on crimes, arrests, Federal court cases, the legal profession, Federal and State prisoners, and the use of the death penalty. The more important publications in which figures relating to these subjects appear are: *Uniform Crime Reports*, an annual bulletin of the Federal Bureau of Investigation; the Administrative Office of the U.S. courts *Annual Report of the Director*; and the Bureau of Prisons annual review, *Federal Prisons*, and periodical bulletins and reports in its *National Prisoner Statistics* series.

In addition, limited information concerning juvenile delinquency and the operation of juvenile courts is collected and published by the Children's Bureau of the Department of Health, Education, and Welfare. Data on prosecution and disposition of persons charged with misdemeanors and other minor offenses may be found for some of the larger cities in the annual reports of their municipal courts or governments.

**Law enforcement and legal jurisdiction.**—Law enforcement is for the most part a function of State and local officers and agencies. The U.S. Constitution reserves to the States the general police powers, and only offenses against the U.S. Government and against its employees while engaged in their official duties, and offenses which involve the crossing of State lines or an interference with interstate commerce are made Federal offenses by act of Congress. Consequently, criminal offenses such as murder, robbery, burglary, theft, assault, and rape are violations of State laws unless they involve Federal property or a Federal officer while engaged in his official duties, or unless they occur in Federal territories or reservations or on the high seas. There are 52 separate criminal law jurisdictions in the United States, 1 in each of the 50 States, 1 in the District of Columbia, and the Federal jurisdiction. Each of these has its own criminal law and procedure and its own law enforcement agencies. Yet the general system of law enforcement is quite similar from State to State, although there are among the States often substantial differences in the penalties provided for like offenses.

Law enforcement can be divided into three parts. The first covers the activities of the police agencies, namely, the investigation of crimes and the apprehension of persons suspected of committing them. This function involves agencies such as municipal police, county police, State police, sheriffs, constables, marshals, Federal agents, and many kinds of special officers. The second phase is the prosecution of those charged with criminal offenses to determine whether they are in fact guilty. The agencies concerned include the courts, justices of the peace, municipal, State, and Federal grand juries, and prosecuting court officers. The third division of administration is concerned with the punishment or treatment of those convicted of crime. While the courts usually determine the sentence after conviction, the application of the penalty is carried out by the prison, reformatory, or jail, or by probation or parole officials.

**Crime.**—Nearly all statistical data on crime and criminals are derived from the records and reports of the various agencies engaged in the administration of criminal law. Police statistics present the number of offenses reported, the number of persons arrested, and the offenses cleared by arrest. Arrest records provide data concerning sex, age, race, and other characteristics of the persons arrested and charged with

Note.—This section presents data for the most recent year or period available on February 26, 1959, when the material was organized and sent to the printer. In a few instances, more recent data were added later.

crime. As the police agencies are largely local, a problem is involved in collecting statistical data from the large number of such agencies. The Federal Bureau of Investigation obtains reports from police agencies and publishes summaries for the country as a whole in its annual *Uniform Crime Reports*. However, in publishing the data submitted by chiefs of police in different cities, the Federal Bureau of Investigation does not vouch for their accuracy. They are issued as information which may throw some light on problems of crime and criminal-law enforcement. The great majority of communities are now reporting to the Federal Bureau of Investigation and the reports received cover over 90 percent of both urban and rural population in the United States.

**Courts.**—Court statistics for criminal offenses and the outcome of the prosecutions for the country are quite incomplete. In many States, an annual or biennial publication presents data on the disposition of criminal cases in the trial courts. The only national compilation of such statistics was made by the Bureau of the Census which annually, until 1945, published data in *Judicial Criminal Statistics* on the disposition of criminal cases in the general trial courts.

Comprehensive information is collected on the business of the Federal courts by the Administrative Office of the U.S. courts, and is published in the *Annual Report of the Director*. The bulk of civil litigation in the country is commenced and determined in the various State courts, and only when the U.S. Constitution and acts of Congress specifically confer jurisdiction upon the Federal courts may civil litigation be heard and decided by these courts. The question whether a State court or a Federal court has jurisdiction over a particular civil action is often difficult to determine, but generally speaking the Federal courts have jurisdiction over the following types of cases:

(1) Suits or proceedings by the United States; (2) Suits or proceedings against the United States; (3) Civil actions between private parties arising under the Constitution, laws, or treaties of the United States; (4) Civil actions between private litigants who are citizens of different States; (5) Civil cases involving admiralty, maritime, or prize jurisdiction; (6) All matters and proceedings in bankruptcy.

The Federal courts of original jurisdiction are known as the U.S. district courts, and one or more of these courts is established in every State, Territory, or possession. Appeals from the district courts are taken to intermediate appellate courts of which there are 11. They are known as U.S. courts of appeals. The Supreme Court of the United States is the final and highest appellate court in the Federal system of courts.

**Prisoners.**—Statistics of prisoners committed to penal institutions have been collected and published for a longer period of time than have other criminal statistics. Data on prisoners in Federal and State prisons and reformatories were collected annually by the Bureau of the Census until 1947 when this work was transferred to the Bureau of Prisons. Summary statistics covering persons received and discharged from State prisons and reformatories and from Federal prisons, and persons executed in the United States under civilian authority are now published periodically by the Bureau of Prisons in *National Prisoner Statistics* and in its annual report, *Federal Prisons*. Also, nearly every State publishes annual data either for its whole prison system or for each separate State institution.

No. 176. MAJOR CRIMES KNOWN TO THE POLICE, BY TYPE: 1950 TO 1957

[Figures are estimates based on reports from city and rural law enforcement agencies which cover about 90 percent of the urban population and about 68 percent of the rural population]

| YEAR      | Total     | CRIMINAL HOMICIDE                              |  | Rape <sup>3</sup> | Robbery <sup>4</sup> | Aggravated assault <sup>5</sup> | Burglary—breaking or entering <sup>6</sup> | Larceny—<br>theft <sup>7</sup> | Auto theft <sup>8</sup> |
|-----------|-----------|--|--|-------------------|----------------------|---------------------------------|--|--------------------------------|-------------------------|
|           |           | Murder, nonnegligent manslaughter <sup>1</sup> | Man-slaughter by negligence <sup>2</sup> |                   |                      |                                 |  |                                |                         |
| 1950..... | 1,790,030 | 7,020  | 5,330                                    | 16,580            | 53,230               | 80,950                          | 411,980                                    | 1,044,160                      | 170,780                 |
| 1951..... | 1,882,160 | 6,820  | 5,510                                    | 16,800            | 52,090               | 78,640                          | 407,130                                    | 1,118,210                      | 193,960                 |
| 1952..... | 2,036,510 | 7,210  | 5,650                                    | 17,240            | 58,140               | 87,930                          | 442,760                                    | 1,202,270                      | 215,310                 |
| 1953..... | 2,159,080 | 7,120  | 5,690                                    | 17,900            | 63,100               | 92,600                          | 479,120                                    | 1,267,020                      | 226,530                 |
| 1954..... | 2,267,280 | 6,850  | 5,410                                    | 18,030            | 67,420               | 93,540                          | 519,190                                    | 1,340,870                      | 215,940                 |
| 1955..... | 2,262,450 | 6,850  | 5,610                                    | 19,100            | 57,490               | 92,740                          | 492,530                                    | 1,300,980                      | 227,150                 |
| 1956..... | 2,563,150 | 6,970  | 5,650                                    | 20,300            | 56,770               | 96,430                          | 525,727                                    | 1,587,690                      | 263,720                 |
| 1957..... | 2,796,400 | 6,920  | 5,740                                    | 21,080            | 61,410               | 100,110                         | 590,020                                    | 1,721,170                      | 280,950                 |

- <sup>1</sup> Includes all willful felonious homicides; excludes suicides and justifiable homicides.
- <sup>2</sup> Includes deaths primarily attributable to gross negligence on the part of some individual other than the victim.
- <sup>3</sup> Includes forcible, statutory (no force used—victim under age of consent), and attempted rape.
- <sup>4</sup> Includes the stealing or taking of anything of value by force or violence or by threat of force or violence; includes attempted robbery.
- <sup>5</sup> Includes assault with intent to kill. Excludes simple assault, assault and battery, fighting, etc.
- <sup>6</sup> Includes any unlawful entry to commit a felony or a theft. Includes attempted burglary and burglary followed by larceny.
- <sup>7</sup> Includes theft of property or articles of value (except auto theft) without the use of force and violence or fraud. Excludes larceny resulting from burglary. Larceny refers to articles \$50 and over in value; theft to those under \$50 in value.
- <sup>8</sup> Includes all cases where motor vehicles are driven away and abandoned. Excludes those taken for temporary use when actually returned by the taker.

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, *Uniform Crime Reports for the United States*.

No. 177. URBAN MAJOR CRIMES, BY TYPE: 1937 TO 1957

[Offenses known to the police in 333 cities with 25,000 inhabitants or more; total population represents 67 percent of all cities over 25,000. For definitions of offenses, see footnotes, table 176]

| YEAR      | Total     | CRIMINAL HOMICIDE                 |                             | Rape  | Robbery | Aggravated assault | Burglary—breaking or entering | Larceny—<br>theft<br>(except auto theft) | Auto theft |
|-----------|-----------|-----------------------------------|-----------------------------|-------|---------|--------------------|-------------------------------|--|------------|
|           |           | Murder, nonnegligent manslaughter | Man-slaughter by negligence |       |         |                    |                               |  |            |
| 1937..... | 605,447   | 2,479                             | 1,978                       | 3,047 | 26,696  | 19,841             | 137,757                       | 325,974                                  | 37,675     |
| 1938..... | 613,062   | 2,133                             | 1,428                       | 2,967 | 27,836  | 18,765             | 138,939                       | 346,178                                  | 74,816     |
| 1939..... | 637,514   | 2,223                             | 1,220                       | 3,235 | 26,347  | 19,063             | 145,208                       | 369,442                                  | 70,767     |
| 1940..... | 661,988   | 2,208                             | 1,469                       | 3,207 | 25,269  | 20,812             | 146,361                       | 391,812                                  | 71,350     |
| 1941..... | 661,132   | 2,295                             | 1,852                       | 3,513 | 24,212  | 20,736             | 138,043                       | 393,615                                  | 76,866     |
| 1942..... | 619,165   | 2,278                             | 1,698                       | 3,903 | 22,903  | 22,914             | 123,642                       | 372,664                                  | 69,163     |
| 1943..... | 604,554   | 2,080                             | 1,428                       | 4,349 | 22,636  | 22,126             | 127,368                       | 342,337                                  | 82,280     |
| 1944..... | 621,925   | 2,141                             | 1,424                       | 4,592 | 22,301  | 25,698             | 132,768                       | 346,060                                  | 86,941     |
| 1945..... | 702,720   | 2,361                             | 1,723                       | 5,042 | 27,671  | 28,026             | 156,835                       | 376,488                                  | 105,574    |
| 1946..... | 745,282   | 2,629                             | 1,724                       | 5,225 | 31,023  | 30,228             | 171,029                       | 405,829                                  | 97,590     |
| 1947..... | 708,014   | 2,535                             | 1,451                       | 5,268 | 29,395  | 31,004             | 164,709                       | 396,798                                  | 76,824     |
| 1948..... | 704,410   | 2,538                             | 1,480                       | 4,987 | 27,850  | 31,014             | 163,956                       | 402,543                                  | 70,068     |
| 1949..... | 734,925   | 2,332                             | 1,308                       | 5,137 | 29,693  | 32,144             | 173,312                       | 422,583                                  | 68,416     |
| 1950..... | 736,721   | 2,370                             | 1,544                       | 4,994 | 25,909  | 32,350             | 170,708                       | 425,325                                  | 73,521     |
| 1951..... | 779,458   | 2,302                             | 1,557                       | 5,306 | 26,086  | 31,884             | 160,209                       | 457,977                                  | 85,137     |
| 1952..... | 809,267   | 2,471                             | 1,688                       | 5,302 | 28,844  | 36,136             | 181,216                       | 490,921                                  | 92,889     |
| 1953..... | 845,208   | 2,439                             | 1,599                       | 5,440 | 31,813  | 38,064             | 191,339                       | 476,771                                  | 97,734     |
| 1954..... | 876,275   | 2,352                             | 1,573                       | 5,339 | 34,139  | 37,970             | 206,426                       | 497,201                                  | 91,269     |
| 1955..... | 884,682   | 2,410                             | 1,643                       | 5,910 | 30,675  | 38,785             | 202,600                       | 505,011                                  | 97,588     |
| 1956..... | 1,003,641 | 2,502                             | 1,766                       | 6,502 | 31,471  | 39,439             | 218,248                       | 586,969                                  | 116,744    |
| 1957..... | 1,096,337 | 2,533                             | 1,722                       | 6,752 | 34,641  | 39,833             | 247,845                       | 632,215                                  | 130,796    |

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, *Uniform Crime Reports for the United States*.

## No. 178. URBAN CRIME RATES, BY TYPE, BY STATES: 1956 AND 1957

[Rates based on offenses known per 100,000 population. Population figures used to compute rates based on 1950 Census. Offenses reported by 2,640 cities in 1956 representing an urban population of 80,986,991 for 1950, and 2,781 cities in 1957 representing 81,761,726 for 1950. For definitions of offenses, see footnotes, table 176]

| STATE                             | MURDER,<br>NONNEGLI-<br>GENT MAN-<br>SLAUGHTER |      | ROBBERY |       | AGGRAVATED<br>ASSAULT |       | BURGLARY—<br>BREAKING OR<br>ENTERING |         | LARCENY—<br>THEFT, EXCEPT<br>AUTO |         | AUTO THEFT |       |
|-----------------------------------|--|------|---------|-------|-----------------------|-------|--------------------------------------|---------|-----------------------------------|---------|------------|-------|
|                                   | 1956   | 1957 | 1956    | 1957  | 1956                  | 1957  | 1956                                 | 1957    | 1956                              | 1957    | 1956       | 1957  |
| Cont. U. S.-----                  | 5.0  | 5.1  | 60.0    | 64.3  | 87.4                  | 90.2  | 449.3                                | 502.9   | 1,228.4                           | 1,317.8 | 239.5      | 254.7 |
| New England-----                  | 1.6  | 1.4  | 18.3    | 19.5  | 22.3                  | 21.9  | 318.3                                | 329.6   | 797.5                             | 849.3   | 169.5      | 222.6 |
| Maine-----                        | 1.2  | 1.2  | 13.2    | 9.1   | 9.1                   | 12.4  | 234.0                                | 225.7   | 790.2                             | 1,034.1 | 126.2      | 126.7 |
| New Hampshire-----                | 0.4  | 0.4  | 5.2     | 2.8   | 5.5                   | 2.8   | 189.0                                | 181.3   | 559.3                             | 658.7   | 66.5       | 80.9  |
| Vermont-----                      | 0.9  | 0.9  | 2.8     | 2.8   | 2.8                   | 2.8   | 134.3                                | 138.9   | 594.7                             | 678.7   | 55.0       | 96.7  |
| Massachusetts-----                | 1.4  | 1.3  | 21.4    | 22.9  | 19.6                  | 18.2  | 313.3                                | 318.7   | 796.5                             | 817.0   | 197.0      | 263.6 |
| Rhode Island-----                 | 2.2  | 1.2  | 14.0    | 14.8  | 26.1                  | 25.2  | 403.1                                | 451.3   | 1,078.6                           | 1,127.1 | 136.1      | 200.8 |
| Connecticut-----                  | 2.3  | 2.1  | 16.8    | 19.2  | 37.1                  | 39.4  | 354.3                                | 370.7   | 723.7                             | 804.3   | 146.9      | 173.3 |
| Middle Atlantic-----              | 3.0  | 3.1  | 50.1    | 49.9  | 75.6                  | 83.4  | 360.4                                | 389.4   | 786.0                             | 818.7   | 167.4      | 178.7 |
| New York-----                     | 3.2  | 3.2  | 49.4    | 45.9  | 87.8                  | 96.1  | 378.2                                | 381.4   | 862.9                             | 874.7   | 164.8      | 167.1 |
| New Jersey-----                   | 2.3  | 2.7  | 39.7    | 49.1  | 54.0                  | 63.9  | 388.3                                | 467.9   | 788.6                             | 855.4   | 193.0      | 230.2 |
| Pennsylvania-----                 | 3.1  | 3.1  | 57.6    | 57.9  | 64.6                  | 70.6  | 308.6                                | 358.2   | 632.7                             | 688.7   | 156.8      | 170.7 |
| East North Central-----           | 4.8  | 4.7  | 77.5    | 82.3  | 74.0                  | 70.7  | 361.8                                | 392.5   | 1,154.7                           | 1,221.5 | 189.1      | 204.3 |
| Ohio-----                         | 5.4  | 4.9  | 47.9    | 60.4  | 48.2                  | 39.7  | 327.5                                | 375.3   | 1,150.1                           | 1,263.6 | 177.4      | 205.3 |
| Indiana-----                      | 5.0  | 3.9  | 47.7    | 49.8  | 41.1                  | 50.7  | 487.0                                | 486.5   | 1,354.6                           | 1,496.1 | 265.2      | 291.9 |
| Illinois-----                     | 5.9  | 6.0  | 114.7   | 123.6 | 79.9                  | 78.1  | 328.7                                | 343.7   | 718.7                             | 746.1   | 128.5      | 133.4 |
| Michigan-----                     | 3.9  | 4.1  | 104.6   | 96.1  | 138.3                 | 132.9 | 476.5                                | 534.6   | 1,727.0                           | 1,735.4 | 273.9      | 292.2 |
| Wisconsin-----                    | 1.3  | 1.7  | 9.4     | 10.6  | 21.9                  | 18.3  | 185.5                                | 190.1   | 1,158.3                           | 1,231.1 | 125.0      | 152.5 |
| West North Central-----           | 3.8  | 3.6  | 51.3    | 59.6  | 48.3                  | 53.9  | 380.5                                | 435.6   | 1,312.9                           | 1,381.5 | 212.6      | 214.0 |
| Minnesota-----                    | 1.1  | 1.0  | 39.7    | 38.7  | 7.6                   | 8.8   | 413.9                                | 402.7   | 1,280.7                           | 1,251.9 | 196.6      | 188.0 |
| Iowa-----                         | 0.9  | 1.2  | 10.4    | 15.0  | 9.6                   | 9.0   | 244.8                                | 342.0   | 1,138.4                           | 1,278.6 | 106.7      | 115.8 |
| Missouri-----                     | 7.8  | 7.3  | 98.8    | 126.5 | 107.1                 | 123.1 | 461.5                                | 572.1   | 1,362.2                           | 1,487.5 | 335.3      | 334.7 |
| North Dakota-----                 | 1.3  | 1.3  | 4.5     | 11.0  | 3.8                   | 8.4   | 223.2                                | 209.8   | 1,371.3                           | 1,502.2 | 121.2      | 190.4 |
| South Dakota-----                 | 0.5  | 1.7  | 8.7     | 6.6   | 7.7                   | 0.6   | 205.7                                | 184.4   | 1,061.5                           | 1,067.2 | 55.0       | 71.5  |
| Nebraska-----                     | 2.2  | 2.7  | 26.6    | 17.6  | 29.5                  | 30.5  | 258.2                                | 247.9   | 1,196.6                           | 1,163.7 | 182.4      | 197.4 |
| Kansas-----                       | 4.5  | 4.1  | 42.5    | 39.5  | 56.8                  | 59.3  | 443.2                                | 500.5   | 1,594.7                           | 1,682.4 | 149.1      | 139.8 |
| South Atlantic <sup>1</sup> ----- | 10.0   | 10.2 | 56.0    | 61.4  | 201.3                 | 197.7 | 539.6                                | 613.7   | 1,370.8                           | 1,484.2 | 285.6      | 273.7 |
| Delaware-----                     | 10.7   | 8.4  | 58.3    | 56.2  | 20.5                  | 27.4  | 589.7                                | 607.3   | 1,668.9                           | 1,694.8 | 313.7      | 252.3 |
| Maryland-----                     | 6.3  | 8.1  | 70.5    | 75.3  | 197.7                 | 216.2 | 438.7                                | 394.7   | 1,151.2                           | 1,158.2 | 562.0      | 445.5 |
| Virginia-----                     | 9.1  | 9.2  | 68.2    | 63.5  | 219.6                 | 203.6 | 624.4                                | 642.6   | 1,706.4                           | 1,731.1 | 305.7      | 292.7 |
| West Virginia-----                | 3.9  | 3.7  | 30.9    | 33.3  | 54.7                  | 60.4  | 257.6                                | 269.0   | 607.0                             | 713.4   | 109.3      | 120.4 |
| North Carolina-----               | 11.5   | 12.3 | 25.0    | 28.7  | 355.3                 | 354.7 | 379.5                                | 487.2   | 1,139.1                           | 1,206.1 | 172.1      | 180.8 |
| South Carolina-----               | 9.0  | 9.1  | 34.1    | 32.8  | 112.5                 | 104.6 | 540.1                                | 613.5   | 1,335.4                           | 1,612.4 | 210.2      | 195.9 |
| Georgia-----                      | 15.5   | 13.9 | 40.8    | 44.5  | 169.4                 | 137.0 | 485.5                                | 590.4   | 1,187.6                           | 1,366.4 | 230.3      | 257.3 |
| Florida-----                      | 11.9   | 11.6 | 66.6    | 87.5  | 94.1                  | 113.6 | 928.1                                | 1,093.9 | 2,090.7                           | 2,198.5 | 299.0      | 303.4 |
| East South Central-----           | 12.0   | 12.6 | 47.9    | 42.6  | 115.1                 | 113.8 | 475.0                                | 549.2   | 948.6                             | 1,037.6 | 275.1      | 280.0 |
| Kentucky-----                     | 8.5  | 8.6  | 92.1    | 70.2  | 131.8                 | 124.5 | 606.0                                | 642.7   | 1,376.2                           | 1,267.9 | 557.8      | 520.1 |
| Tennessee-----                    | 14.8   | 12.2 | 42.3    | 36.9  | 101.5                 | 99.8  | 489.5                                | 584.9   | 840.3                             | 1,002.7 | 220.5      | 240.0 |
| Alabama-----                      | 13.8   | 16.2 | 30.2    | 36.6  | 128.0                 | 125.2 | 426.1                                | 518.7   | 817.8                             | 975.9   | 182.5      | 209.1 |
| Mississippi-----                  | 7.6  | 12.9 | 19.1    | 20.6  | 80.4                  | 103.9 | 300.6                                | 365.9   | 723.0                             | 851.6   | 95.5       | 107.6 |
| West South Central-----           | 9.4  | 9.2  | 46.6    | 51.2  | 101.3                 | 102.7 | 608.7                                | 690.0   | 1,501.6                           | 1,658.1 | 297.9      | 334.6 |
| Arkansas-----                     | 8.7  | 7.6  | 47.3    | 33.3  | 126.5                 | 131.6 | 420.6                                | 453.9   | 994.2                             | 1,111.0 | 136.3      | 153.4 |
| Louisiana-----                    | 9.9  | 9.6  | 74.6    | 78.3  | 111.5                 | 94.5  | 478.9                                | 539.9   | 1,141.9                           | 1,171.7 | 531.5      | 507.2 |
| Oklahoma-----                     | 4.2  | 3.6  | 26.0    | 34.5  | 42.0                  | 40.0  | 481.2                                | 644.1   | 1,488.3                           | 1,773.3 | 215.1      | 251.5 |
| Texas-----                        | 10.5   | 10.6 | 43.2    | 49.0  | 109.0                 | 116.4 | 690.4                                | 789.0   | 1,652.4                           | 1,830.5 | 226.4      | 324.4 |
| Mountain-----                     | 3.8  | 4.7  | 65.9    | 76.4  | 52.3                  | 55.4  | 624.2                                | 704.8   | 2,320.2                           | 2,488.9 | 364.5      | 403.3 |
| Montana-----                      | 2.3  | 2.6  | 35.7    | 29.2  | 43.4                  | 25.8  | 356.1                                | 336.3   | 2,187.0                           | 2,221.9 | 247.1      | 261.4 |
| Idaho-----                        | 4.0  | 3.7  | 22.2    | 18.8  | 18.2                  | 14.7  | 344.4                                | 405.3   | 2,320.4                           | 2,284.4 | 161.1      | 154.2 |
| Wyoming-----                      | 4.5  | 2.9  | 24.1    | 43.7  | 15.1                  | 21.8  | 328.7                                | 371.3   | 1,395.3                           | 1,536.9 | 134.2      | 170.4 |
| Colorado-----                     | 3.5  | 3.9  | 97.5    | 120.7 | 61.3                  | 47.7  | 674.5                                | 813.7   | 2,040.2                           | 2,076.4 | 390.5      | 416.4 |
| New Mexico-----                   | 1.7  | 7.0  | 35.0    | 49.0  | 48.2                  | 66.2  | 726.3                                | 920.4   | 2,517.1                           | 3,426.1 | 528.0      | 685.1 |
| Arizona-----                      | 7.3  | 13.9 | 99.4    | 114.6 | 128.3                 | 182.5 | 994.0                                | 1,152.7 | 3,829.2                           | 3,935.0 | 604.1      | 811.3 |
| Utah-----                         | 2.8  | 1.1  | 19.2    | 52.8  | 10.2                  | 34.5  | 248.4                                | 524.3   | 1,371.5                           | 2,149.5 | 152.5      | 222.1 |
| Nevada-----                       | 5.4  | 7.5  | 130.5   | 142.0 | 108.7                 | 67.3  | 1,553.7                              | 1,107.9 | 3,826.6                           | 3,674.8 | 609.0      | 483.9 |
| Pacific-----                      | 4.0  | 4.2  | 99.9    | 115.0 | 109.2                 | 118.6 | 757.2                                | 895.0   | 2,242.1                           | 2,468.1 | 413.6      | 482.1 |
| Washington-----                   | 2.5  | 2.9  | 44.8    | 60.7  | 26.5                  | 19.8  | 555.1                                | 637.6   | 2,003.7                           | 2,219.0 | 313.7      | 375.0 |
| Oregon-----                       | 2.4  | 3.6  | 54.2    | 53.9  | 38.8                  | 34.2  | 443.8                                | 536.3   | 1,949.8                           | 1,976.4 | 196.0      | 261.6 |
| California-----                   | 4.4  | 4.5  | 113.8   | 130.7 | 130.4                 | 144.3 | 822.5                                | 976.4   | 2,311.7                           | 2,561.5 | 451.0      | 523.1 |

<sup>1</sup> Includes District of Columbia, not shown separately.

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, *Uniform Crime Reports for the United States*.

No. 179. HOMICIDES AND SUICIDES, BY TYPE AND SEX: 1930 TO 1957  
[Excludes Armed Forces overseas]

| ITEM                                  | 1930             |                  | 1940             |                  | 1950   |        | 1955   |        | 1957   |        |
|---------------------------------------|------------------|------------------|------------------|------------------|--------|--------|--------|--------|--------|--------|
|                                       | Male             | Female           | Male             | Female           | Male   | Female | Male   | Female | Male   | Female |
| <b>Homicide</b> .....                 | 8,373            | 2,100            | 6,647            | 1,682            | 6,089  | 1,853  | 5,630  | 1,788  | 5,739  | 1,902  |
| Assault by—                           |                  |                  |                  |                  |        |        |        |        |        |        |
| Firearms and explosives.....          | 5,809            | 1,186            | 3,761            | 894              | 3,163  | 1,016  | 2,870  | 937    | 3,043  | 967    |
| Cutting and piercing instruments..... | 1,211            | 342              | 1,660            | 404              | 1,510  | 369    | 1,460  | 357    | 1,468  | 399    |
| Other means.....                      | 1,213            | 570              | 1,105            | 384              | 1,055  | 468    | 988    | 491    | 637    | 535    |
| Intervention of police.....           | ( <sup>1</sup> ) | ( <sup>1</sup> ) | ( <sup>1</sup> ) | ( <sup>1</sup> ) | 280    | 2      | 225    | 2      | 228    | 1      |
| Execution.....                        | 140              | 2                | 121              |                  | 81     |        | 78     |        | 63     |        |
| <b>Suicide</b> .....                  | 14,319           | 4,004            | 14,466           | 4,441            | 13,297 | 3,848  | 12,961 | 3,799  | 12,951 | 3,681  |
| Poisoning.....                        | 3,468            | 2,083            | 3,537            | 2,086            | 2,461  | 1,508  | 2,189  | 1,240  | 2,114  | 1,233  |
| Hanging and strangulation.....        | 2,748            | 520              | 2,776            | 778              | 2,759  | 833    | 2,689  | 902    | 2,683  | 876    |
| Firearms and explosives.....          | 6,088            | 647              | 6,310            | 763              | 6,571  | 806    | 6,808  | 955    | 6,911  | 930    |
| Other.....                            | 2,025            | 754              | 1,843            | 814              | 1,506  | 701    | 1,275  | 702    | 1,243  | 642    |

<sup>1</sup> Not available.

Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

No. 180. MAJOR CRIMES KNOWN TO THE POLICE, BY URBAN AND RURAL POPULATION GROUPS: 1956 AND 1957

[For definitions of offenses, see footnotes, table 176]

| POPULATION GROUP                       | Total     | CRIMINAL HOMICIDE                 |                            | Rape   | Robbery | Aggravated assault | Burglary—breaking or entering | Larceny—(except auto theft) | Auto theft |
|--|-----------|-----------------------------------|----------------------------|--------|---------|--------------------|-------------------------------|-----------------------------|------------|
|  |           | Murder, nonnegligent manslaughter | Manslaughter by negligence |        |         |                    |                               |                             |            |
| <b>URBAN</b>                           |           |                                   |                            |        |         |                    |                               |                             |            |
| <b>Total, 2,585 cities:</b>            |           |                                   |                            |        |         |                    |                               |                             |            |
| 1956.....                              | 1,672,972 | 4,003                             | 2,841                      | 11,818 | 48,397  | 70,170             | 362,023                       | 986,448                     | 187,272    |
| 1957.....                              | 1,821,248 | 4,061                             | 2,815                      | 12,259 | 52,323  | 72,734             | 406,117                       | 1,065,038                   | 205,991    |
| Percent change.....                    | +8.9      | +1.4                              | -0.9                       | +3.7   | +8.1    | +8.7               | +12.2                         | +8.0                        | +9.9       |
| <b>41 cities, 250,000 or more:</b>     |           |                                   |                            |        |         |                    |                               |                             |            |
| 1956.....                              | 802,283   | 2,265                             | 1,520                      | 7,907  | 35,183  | 44,204             | 183,872                       | 417,843                     | 109,789    |
| 1957.....                              | 852,809   | 2,270                             | 1,548                      | 8,282  | 37,731  | 45,694             | 200,834                       | 438,743                     | 117,797    |
| Percent change.....                    | +6.3      | +0.2                              | +1.8                       | +4.7   | +7.2    | +3.4               | +9.4                          | +5.0                        | +7.2       |
| <b>64 cities, 100,000 to 250,000:</b>  |           |                                   |                            |        |         |                    |                               |                             |            |
| 1956.....                              | 229,653   | 554                               | 400                        | 1,111  | 4,805   | 7,900              | 52,015                        | 138,767                     | 24,011     |
| 1957.....                              | 254,704   | 575                               | 402                        | 1,130  | 5,473   | 8,616              | 60,261                        | 150,748                     | 27,599     |
| Percent change.....                    | +10.9     | +3.8                              | -18.0                      | +1.7   | +13.9   | +9.1               | +15.8                         | +8.6                        | +14.6      |
| <b>124 cities, 50,000 to 100,000:</b>  |           |                                   |                            |        |         |                    |                               |                             |            |
| 1956.....                              | 184,972   | 364                               | 283                        | 869    | 2,984   | 6,806              | 36,621                        | 118,959                     | 18,081     |
| 1957.....                              | 201,194   | 374                               | 329                        | 821    | 3,259   | 6,941              | 41,944                        | 127,470                     | 20,066     |
| Percent change.....                    | +8.8      | +2.7                              | +14.2                      | -5.5   | +9.2    | +2.0               | +14.5                         | +7.2                        | +10.9      |
| <b>202 cities, 25,000 to 50,000:</b>   |           |                                   |                            |        |         |                    |                               |                             |            |
| 1956.....                              | 181,874   | 329                               | 269                        | 706    | 2,315   | 4,758              | 34,988                        | 123,352                     | 15,207     |
| 1957.....                              | 201,779   | 332                               | 292                        | 704    | 2,561   | 4,558              | 39,593                        | 130,488                     | 17,251     |
| Percent change.....                    | +10.9     | +0.9                              | +8.6                       | -0.3   | +10.6   | -4.2               | +13.3                         | +10.6                       | +13.4      |
| <b>667 cities, 10,000 to 25,000:</b>   |           |                                   |                            |        |         |                    |                               |                             |            |
| 1956.....                              | 176,212   | 302                               | 151                        | 719    | 1,916   | 4,104              | 34,408                        | 121,787                     | 12,825     |
| 1957.....                              | 197,069   | 339                               | 144                        | 805    | 2,092   | 4,554              | 39,795                        | 134,984                     | 14,956     |
| Percent change.....                    | +12.2     | +12.3                             | -4.6                       | +12.0  | +9.2    | +11.0              | +16.7                         | +10.8                       | +16.6      |
| <b>1,427 cities, less than 10,000:</b> |           |                                   |                            |        |         |                    |                               |                             |            |
| 1956.....                              | 97,978    | 189                               | 123                        | 506    | 1,194   | 2,398              | 20,460                        | 65,740                      | 7,359      |
| 1957.....                              | 113,093   | 171                               | 100                        | 517    | 1,207   | 2,371              | 23,700                        | 76,605                      | 8,422      |
| Percent change.....                    | +15.4     | -9.5                              | -18.7                      | +2.2   | +1.1    | -1.1               | +15.8                         | +16.5                       | +14.4      |
| <b>RURAL <sup>1</sup></b>              |           |                                   |                            |        |         |                    |                               |                             |            |
| 1956.....                              | 810,892   | 1,755                             | 2,186                      | 5,087  | 6,787   | 14,677             | 99,031                        | 154,780                     | 26,739     |
| 1957.....                              | 345,502   | 1,676                             | 2,282                      | 5,291  | 7,809   | 15,194             | 111,164                       | 172,748                     | 29,848     |
| Percent change.....                    | +11.1     | -4.5                              | +4.4                       | +4.0   | +8.5    | +4.2               | +12.3                         | +11.6                       | +11.6      |

<sup>1</sup> Based on reports of 1,394 sheriffs, 153 rural village officers, and 12 State police.

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, *Uniform Crime Reports for the United States*.

### No. 181. OFFENSES KNOWN, OFFENSES CLEARED BY ARREST, PERSONS CHARGED, AND PERSONS FOUND GUILTY IN 211 CITIES OF 25,000 OR MORE: 1956

[54 percent of the city population for those cities over 25,000 represented. Data on persons found guilty pertain to final dispositions and not the dispositions at any preliminary judicial point]

| OFFENSE  | OFFENSES—       |                   | Persons charged (held for prosecution) | PERSONS FOUND GUILTY— |                            |                    |                   |
|--|-----------------|-------------------|--|-----------------------|----------------------------|--------------------|-------------------|
|  | Known to police | Cleared by arrest |  | Total                 | Percent of persons charged | Of offense charged | Of lesser offense |
| <b>Total (part I classes)<sup>1</sup></b> .....                    | <b>558,561</b>  | <b>151,561</b>    | <b>106,709</b>                         | <b>73,719</b>         | <b>69.1</b>                | <b>64,411</b>      | <b>9,305</b>      |
| Criminal homicide:   |                 |                   |  |                       |                            |                    |                   |
| Murder and nonnegligent manslaughter.....                          | 1,432           | 1,328             | 1,340                                  | 803                   | 59.9                       | 616                | 187               |
| Manslaughter by negligence.....                                    | 1,017           | 854               | 767                                    | 316                   | 41.2                       | 255                | 61                |
| Rape.....  | 3,979           | 3,002             | 2,434                                  | 1,491                 | 61.3                       | 1,059              | 432               |
| Robbery.....   | 21,370          | 8,673             | 6,915                                  | 5,386                 | 77.9                       | 4,235              | 1,151             |
| Aggravated assault.....  | 26,622          | 20,592            | 14,180                                 | 7,385                 | 52.1                       | 5,261              | 2,124             |
| Burglary—breaking or entering.....                                 | 112,461         | 33,377            | 21,313                                 | 15,343                | 72.0                       | 12,870             | 2,464             |
| Larceny— theft (except auto theft).....                            | 326,951         | 64,371            | 45,289                                 | 33,754                | 74.5                       | 31,841             | 1,913             |
| Auto theft.....  | 64,720          | 19,364            | 14,471                                 | 9,241                 | 63.9                       | 8,265              | 976               |
| <b>Total (part II classes)</b> .....                               | <b>(2)</b>      | <b>(2)</b>        | <b>11,447,927</b>                      | <b>8,001,188</b>      | <b>69.9</b>                | <b>7,952,076</b>   | <b>49,112</b>     |
| Other assaults.....  | (2)             | (2)               | 43,271                                 | 24,935                | 57.6                       | 23,953             | 982               |
| Forgery and counterfeiting.....                                    | (2)             | (2)               | 4,194                                  | 3,253                 | 77.6                       | 2,891              | 362               |
| Embezzlement and fraud.....  | (2)             | (2)               | 9,740                                  | 6,515                 | 66.9                       | 6,119              | 396               |
| Stolen property; buying, receiving, etc.....                       | (2)             | (2)               | 2,114                                  | 1,222                 | 57.8                       | 1,132              | 90                |
| Weapons; carrying, possessing, etc.....                            | (2)             | (2)               | 9,077                                  | 6,709                 | 73.9                       | 6,402              | 307               |
| Sex offenses (including prostitution and commercialized vice)..... | (2)             | (2)               | 25,487                                 | 18,179                | 71.3                       | 17,504             | 675               |
| Offenses against family and children.....                          | (2)             | (2)               | 15,416                                 | 9,212                 | 59.8                       | 8,909              | 303               |
| Narcotic drug laws.....  | (2)             | (2)               | 5,958                                  | 4,290                 | 72.0                       | 4,177              | 113               |
| Liquor laws.....   | (2)             | (2)               | 21,752                                 | 16,973                | 78.0                       | 16,453             | 515               |
| Drunkenness; disorderly conduct; vagrancy.....                     | (2)             | (2)               | 706,388                                | 512,257               | 72.5                       | 510,558            | 1,699             |
| Gambling.....  | (2)             | (2)               | 30,466                                 | 20,197                | 66.3                       | 20,091             | 106               |
| Driving while intoxicated.....                                     | (2)             | (2)               | 51,176                                 | 44,486                | 86.9                       | 41,186             | 3,300             |
| Traffic and motor vehicle laws.....                                | (2)             | (2)               | 10,408,141                             | 7,260,879             | 69.8                       | 7,222,314          | 38,565            |
| All other offenses.....  | (2)             | (2)               | 114,747                                | 72,081                | 62.8                       | 70,382             | 1,699             |

<sup>1</sup> For definitions of offenses, see footnotes, table 176.   <sup>2</sup> Not available.

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, *Uniform Crime Reports for the United States*.

### No. 182. JUVENILE DELINQUENCY—POLICE ARRESTS OF CHILDREN UNDER 18, CASES HANDLED BY JUVENILE COURTS, AND TOTAL NUMBER OF CHILDREN 10 TO 17 YEARS OLD: 1940 TO 1958

[Index (1940=100)]

| YEAR      | CHILDREN UNDER 18 ARRESTED BY POLICE <sup>1</sup> |       | Juvenile court cases, index <sup>2</sup> | CHILDREN, 10 TO 17 YEARS OLD |       |
|-----------|---|-------|--|------------------------------|-------|
|           | Number  | Index |  | Number <sup>3</sup>          | Index |
| 1940..... | 35,332  | 100   | 100                                      | 19,138,000                   | 100   |
| 1944..... | 46,690  | 132   | 165                                      | 17,738,000                   | 93    |
| 1945..... | 49,566  | 140   | 172                                      | 17,512,000                   | 92    |
| 1946..... | 37,833  | 107   | 148                                      | 17,410,000                   | 91    |
| 1947..... | 34,376  | 97    | 131                                      | 17,344,000                   | 91    |
| 1948..... | 31,750  | 90    | 127                                      | 17,314,000                   | 90    |
| 1949..... | 32,922  | 93    | 136                                      | 17,395,000                   | 91    |
| 1950..... | 34,599  | 98    | 140                                      | 17,397,000                   | 91    |
| 1951..... | 37,259  | 105   | 149                                      | 17,706,000                   | 93    |
| 1952..... | 86,128  | ..... | 166                                      | 18,202,000                   | 95    |
| 1953..... | 149,806   | ..... | 187                                      | 18,981,000                   | 99    |
| 1954..... | 163,666   | ..... | 198                                      | 19,552,000                   | 102   |
| 1955..... | 195,626   | ..... | 216                                      | 20,111,000                   | 105   |
| 1956..... | 234,474   | ..... | 260                                      | 20,624,000                   | 108   |
| 1957..... | 253,817   | ..... | 302                                      | 22,173,000                   | 116   |
| 1958..... | .....   | ..... | .....                                    | 23,446,000                   | 122   |

<sup>1</sup> Data for 1940-1951 based on fingerprint records received by the Federal Bureau of Investigation. Beginning 1952, based on report forms (including arrests of children who were not fingerprinted) sent in by city police departments in varying number of reporting cities; for example, covers 232 cities in 1952, 1,174 in 1953, etc.

<sup>2</sup> Beginning 1955, based on data from a representative national sample of juvenile courts; for earlier years, estimated by Children's Bureau. For an explanation of the limitations of juvenile court statistics, see *Juvenile Court Statistics, 1956* (Children's Bureau Statistical Series No. 47).

<sup>3</sup> Estimates of civilian population published by the Bureau of the Census in *Current Population Reports*, Series P-25.   <sup>4</sup> Provisional.

Source: Department of Justice, Federal Bureau of Investigation; Department of Health, Education, and Welfare, Social Security Administration, Children's Bureau; and Department of Commerce, Bureau of the Census.

No. 183. ARRESTS, BY AGE GROUPS, IN 1,473 CITIES OF 2,500 OR MORE: 1957

[Data for all persons arrested for violations that happened in these reporting cities, covering about 47 percent of the total city population in 1950. Total population 40,176,369, based on 1950 Census. Each person arrested is counted rather than the number of charges that may be filed against one person. Arrest of a juvenile is counted with the offense actually committed even though a technical charge, such as juvenile delinquency, must be filed under local procedure]

| OFFENSE CHARGED                              | Total, all ages  | AGE (years)    |                |                |                |                |                |                | Not known  |
|--|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------|
|  |                  | Under 18       | 18 to 20       | 21 to 24       | 25 to 34       | 35 to 44       | 45 to 49       | 50 and over    |            |
| <b>Total</b> .....                           | <b>2,068,677</b> | <b>253,817</b> | <b>145,872</b> | <b>199,862</b> | <b>482,363</b> | <b>457,286</b> | <b>185,882</b> | <b>342,956</b> | <b>619</b> |
| <b>Criminal homicide:</b>                    |                  |                |                |                |                |                |                |                |            |
| Murder and nonnegligent manslaughter.....    | 2,007            | 133            | 138            | 228            | 621            | 466            | 148            | 273            | -----      |
| Manslaughter by negligence.....              | 1,238            | 74             | 127            | 180            | 356            | 261            | 81             | 159            | -----      |
| Robbery.....                                 | 11,820           | 3,124          | 2,163          | 2,316          | 2,887          | 975            | 176            | 179            | -----      |
| Aggravated assault.....                      | 23,266           | 2,091          | 1,838          | 3,101          | 7,609          | 5,193          | 1,471          | 2,062          | 1          |
| Other assaults.....                          | 81,749           | 6,052          | 6,038          | 11,097         | 28,615         | 18,251         | 4,994          | 6,088          | 14         |
| Burglary—breaking or entering.....           | 51,398           | 28,179         | 6,795          | 5,243          | 6,844          | 2,938          | 690            | 700            | 9          |
| Larceny— theft.....                          | 102,476          | 52,550         | 11,443         | 8,185          | 13,080         | 8,534          | 2,847          | 5,184          | 55         |
| Auto theft.....                              | 29,121           | 19,682         | 3,790          | 2,176          | 2,241          | 911            | 147            | 166            | 8          |
| Embezzlement and fraud.....                  | 16,168           | 454            | 688            | 1,953          | 6,173          | 4,340          | 1,175          | 1,323          | 2          |
| Stolen property; buying, receiving, etc..... | 3,899            | 1,249          | 484            | 467            | 755            | 551            | 141            | 222            | -----      |
| Forgery and counterfeiting.....              | 8,288            | 659            | 819            | 1,266          | 2,958          | 1,709          | 389            | 486            | 2          |
| Rape.....                                    | 4,780            | 932            | 1,178          | 997            | 1,071          | 389            | 90             | 123            | -----      |
| Prostitution and commercialized vice.....    | 12,604           | 122            | 982            | 2,640          | 5,063          | 2,520          | 589            | 775            | 3          |
| Other sex offenses.....                      | 20,968           | 3,417          | 1,839          | 2,881          | 6,007          | 3,793          | 1,177          | 1,854          | -----      |
| Narcotic drug laws.....                      | 7,277            | 219            | 708            | 1,581          | 3,284          | 947            | 253            | 285            | -----      |
| Weapons; carrying, possessing, etc.....      | 16,864           | 2,998          | 2,164          | 2,522          | 4,509          | 2,725          | 805            | 1,139          | 1          |
| Offenses against family and children.....    | 22,444           | 289            | 1,371          | 3,258          | 9,008          | 5,666          | 1,376          | 1,475          | 1          |
| Liquor laws.....                             | 43,347           | 7,125          | 9,120          | 3,182          | 7,051          | 7,786          | 3,095          | 5,384          | 4          |
| Driving while intoxicated.....               | 101,099          | 665            | 3,811          | 10,908         | 30,138         | 28,748         | 11,082         | 15,683         | 4          |
| Disorderly conduct.....                      | 241,167          | 26,029         | 25,784         | 33,988         | 67,085         | 49,987         | 15,697         | 23,587         | 10         |
| Drunkness.....                               | 882,268          | 6,779          | 21,671         | 52,427         | 179,416        | 239,821        | 111,768        | 223,069        | 332        |
| Vagrancy.....                                | 69,520           | 4,705          | 5,799          | 6,513          | 13,746         | 14,505         | 7,234          | 17,014         | 4          |
| Gambling.....                                | 50,462           | 615            | 1,329          | 3,862          | 14,828         | 14,109         | 5,496          | 10,731         | 7          |
| Suspicion.....                               | 84,645           | 15,972         | 14,266         | 13,686         | 21,123         | 11,221         | 3,379          | 4,993          | 5          |
| All other offenses.....                      | 229,742          | 69,703         | 21,527         | 24,567         | 47,320         | 34,939         | 11,587         | 19,952         | 167        |

Source: Department of Justice, Federal Bureau of Investigation; annual bulletin, *Uniform Crime Reports for the United States*.

No. 184. SUMMARY OF POLICE EMPLOYMENT, BY TYPE OF GOVERNMENT: 1957

[As of April. Comprises uniformed policemen, law enforcement agents, and clerical, administrative, and custodial personnel concerned with police protection activities]

| ITEM   | All governments | Federal <sup>1</sup> (civilian) | STATE AND LOCAL |       |       |            |                  |             |
|--|-----------------|---------------------------------|-----------------|-------|-------|------------|------------------|-------------|
|  |                 |                                 | Total           | State | Local |            |                  |             |
|  |                 |                                 |                 |       | Total | Coun- ties | Munic- ipalities | Town- ships |
| Police employees.....1,000..                             | 316             | 22                              | 294             | 28    | 267   | 37         | 215              | 15          |
| Full-time.....do.....                                    | (2)             | (2)                             | 262             | 27    | 235   | 33         | 193              | 8           |
| Part-time.....do.....                                    | (2)             | (2)                             | 32              | 1     | 32    | 4          | 22               | 7           |
| Full-time equivalent.....do.....                         | 290             | 21                              | 269             | 27    | 241   | 34         | 198              | 9           |
| Per 10,000 population <sup>2</sup> .....                 | 17.0            | (3)                             | 15.8            | 1.6   | 14.2  | (2)        | (2)              | (3)         |
| Percent distribution.....                                | 100.0           | 7.4                             | 92.6            | 0.4   | 83.2  | 11.8       | 68.2             | 3.2         |
| Payroll (April).....mil. dol..                           | 108.6           | 11.0                            | 97.6            | 9.6   | 88.0  | 11.5       | 73.3             | 3.2         |
| Full-time employees.....do.....                          | (2)             | (2)                             | 95.3            | 9.6   | 85.7  | 11.2       | 71.7             | 2.9         |
| Part-time employees.....do.....                          | (2)             | (2)                             | 2.3             | ----- | 2.3   | 0.4        | 1.6              | 0.3         |
| Average earnings per full-time employee.....dollars..... | (2)             | (2)                             | 363             | 361   | 365   | 337        | 371              | 341         |
| Police employment as percent of total public employment: |                 |                                 |                 |       |       |            |                  |             |
| Full-time equivalent employment.....                     | 4.1             | (2)                             | 5.6             | 2.3   | 6.7   | 5.7        | 15.3             | 7.7         |
| Payroll (April).....                                     | 4.3             | (2)                             | 6.0             | 2.5   | 7.2   | 6.8        | 15.9             | 8.7         |

<sup>1</sup> Comprises employment in the Federal Bureau of Investigation, Immigration and Naturalization Service, Bureau of Narcotics, and Secret Service.

<sup>2</sup> Not available.

<sup>3</sup> Based on estimated population as of July 1, 1957.

Source: Department of Commerce, Bureau of the Census: 1957 Census of Governments, *Summary of Public Employment*.

144 LAW ENFORCEMENT, FEDERAL COURTS, AND PRISONS

No. 185. U.S. SUPREME COURT—CASES FILED AND DISPOSITION DURING OCTOBER TERMS: 1940 TO 1957

[For years beginning in June. Statutory term of Court begins first Monday in October, but for statistical purposes new term begins upon adjournment of preceding term, usually in June]

| ACTION   | 1940 | 1945  | 1950  | 1953  | 1954  | 1955  | 1956             | 1957  |
|--|------|-------|-------|-------|-------|-------|------------------|-------|
| <b>Total cases:</b>  |      |       |       |       |       |       |                  |       |
| Filed.....   | 977  | 1,316 | 1,181 | 1,302 | 1,397 | 1,644 | 1,802            | 1,639 |
| Disposed of.....   | 985  | 1,292 | 1,202 | 1,293 | 1,352 | 1,630 | 1,670            | 1,756 |
| Remaining on docket.....                                   | 124  | 168   | 119   | 160   | 205   | 219   | 351              | 225   |
| Original cases filed.....                                  | 4    | 1     |       |       |       | 4     | 3                | 2     |
| Appeals filed.....   | 84   | 64    | 77    | 81    | 87    | 104   | 123              | 110   |
| Pauper appeals filed.....                                  |      |       |       |       | 8     | 17    | 24               | 17    |
| <b>Petitions for review:</b>                               |      |       |       |       |       |       |                  |       |
| Filed.....   | 709  | 727   | 582   | 603   | 626   | 787   | 851              | 716   |
| Granted.....   | 174  | 155   | 89    | 78    | 108   | 123   | 139              | 110   |
| Denied or dismissed.....                                   | 592  | 565   | 495   | 522   | 532   | 643   | 664              | 670   |
| <b>Pauper petitions for review:</b>                        |      |       |       |       |       |       |                  |       |
| Filed.....   | 120  | 393   | 404   | 528   | 543   | 583   | 639              | 680   |
| Granted.....   | 19   | 15    | 17    | 10    | 12    | 16    | 38               | 34    |
| Denied or dismissed.....                                   | 101  | 378   | 386   | 507   | 494   | 579   | 584              | 648   |
| <b>Motions for leave to file various writs:</b>            |      |       |       |       |       |       |                  |       |
| Filed.....   |      | 131   | 118   | 90    | 133   | 140   | 162              | 114   |
| Granted.....   |      |       |       |       |       | 2     |                  |       |
| Denied or dismissed.....                                   |      | 131   | 121   | 92    | 126   | 155   | 153              | 119   |
| <b>Method of disposition of cases by—</b>                  |      |       |       |       |       |       |                  |       |
| Written opinions (number of cases).....                    | 195  | 170   | 114   | 84    | 86    | 103   | <sup>1</sup> 112 | 125   |
| Number of written opinions.....                            | 165  | 134   | 91    | 65    | 78    | 82    | <sup>1</sup> 100 | 104   |
| Court opinions not signed by an individual Justice.....    | 86   | 45    | 77    | 86    | 102   | 127   | <sup>2</sup> 134 | 184   |
| Final decrees—original cases.....                          | 1    |       | 5     |       |       | 4     | 3                | 1     |
| Denial or dismissal of petitions for review.....           | 693  | 943   | 881   | 1,029 | 1,026 | 1,222 | 1,248            | 1,318 |
| Denial or withdrawal of motions to file various writs..... |      | 131   | 121   | 92    | 126   | 155   | 153              | 119   |
| Dismissal of pauper appeals.....                           |      |       |       |       | 8     | 16    | 20               | 14    |
| Motion to dismiss or per stipulation.....                  | 10   | 3     | 4     | 2     | 4     | 3     | 3                | 4     |

<sup>1</sup> Includes 2 cases argued on rehearing and decided by 1 opinion, not included in total cases filed and disposed of.  
<sup>2</sup> Includes 1 case disposed of on rehearing, not included in total cases filed and disposed of.

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

No. 186. U.S. COURTS OF APPEALS—CASES COMMENCED: 1940 TO 1958

[For years ending June 30]

| CASES                                   | 1940         | 1945         | 1950         | 1953         | 1954         | 1955         | 1956         | 1957         | 1958         |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| <b>Total cases.....</b>                 | <b>3,505</b> | <b>2,730</b> | <b>2,830</b> | <b>3,226</b> | <b>3,481</b> | <b>3,695</b> | <b>3,588</b> | <b>3,701</b> | <b>3,694</b> |
| Appeals from courts.....                | 2,561        | 2,168        | 2,290        | 2,522        | 2,715        | 3,049        | 2,930        | 3,017        | 3,010        |
| Administrative appeals, total.....      | 800          | 511          | 485          | 639          | 659          | 576          | 609          | 618          | 625          |
| Federal Communications Commission.....  | 15           | 4            | 14           | 13           | 34           | 34           | 53           | 45           | 53           |
| Federal Power Commission.....           | 8            | 4            | 12           | 21           | 15           | 27           | 51           | 53           | 31           |
| Federal Trade Commission.....           | 23           | 26           | 8            | 25           | 11           | 25           | 23           | 19           | 21           |
| National Labor Relations Board.....     | 306          | 103          | 187          | 285          | 294          | 178          | 166          | 201          | 222          |
| The Tax Court of the United States..... | 414          | 331          | 239          | 252          | 271          | 272          | 254          | 255          | 253          |
| Other administrative appeals.....       | 34           | 33           | 45           | 43           | 34           | 40           | 62           | 45           | 45           |
| Original proceedings.....               | 144          | 51           | 55           | 65           | 107          | 70           | 49           | 66           | 59           |

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

No. 187. U.S. DISTRICT COURTS—CIVIL CASES COMMENCED: 1941 TO 1958

[For years ending June 30. Excludes district courts in D.C., Alaska, Canal Zone, Guam, and Virgin Islands]

| TYPE OF CASE  | 1941 <sup>1</sup> | 1945 <sup>1</sup> | 1950   | 1953   | 1954   | 1955   | 1956   | 1957   | 1958   |
|---|-------------------|-------------------|--------|--------|--------|--------|--------|--------|--------|
| <b>Total</b> .....  | 28,909            | 52,144            | 44,454 | 52,674 | 48,182 | 48,308 | 51,284 | 53,343 | 58,464 |
| <b>U.S. cases</b> .....   | 14,544            | 42,087            | 21,854 | 23,166 | 19,167 | 19,504 | 20,600 | 19,227 | 20,739 |
| U.S. plaintiff:   |                   |                   |        |        |        |        |        |        |        |
| Land condemnation.....  | 1,783             | 1,263             | 759    | 982    | 706    | 710    | 820    | 810    | 762    |
| Rationing, price, and rent control (OPA-OHE).....                     |                   | 28,283            | 5,252  | 2,695  | 56     | 27     | 7      | 2      | 3      |
| Defense Production Act 1950 <sup>2</sup> .....                        |                   |                   |        | 1,069  | 42     | 6      | 5      | 1      |        |
| Forfeiture:   |                   |                   |        |        |        |        |        |        |        |
| Food and drug.....  | 2,265             | 3,415             | 1,582  | 1,527  | 1,212  | 1,085  | 903    | 912    | 1,137  |
| Liquor laws.....  | 569               | 593               | 517    | 751    | 687    | 419    | 397    | 415    | 485    |
| Negotiable instruments.....   | 3,206             | 1,639             | 4,156  | 4,245  | 5,814  | 5,684  | 5,717  | 5,871  | 6,465  |
| Other contracts.....  | 341               | 301               | 2,029  | 2,650  | 3,004  | 3,718  | 4,809  | 3,290  | 3,353  |
| Other U.S. plaintiff.....   | 4,492             | 2,912             | 3,431  | 3,644  | 3,290  | 3,939  | 3,890  | 3,958  | 4,014  |
| <b>U.S. defendant:</b>  |                   |                   |        |        |        |        |        |        |        |
| Habeas corpus (not including deportations).....                       | 318               | 475               | 409    | 346    | 395    | 362    | 429    | 339    | 408    |
| Admiralty.....  | 36                | 2,016             | 468    | 691    | 582    | 388    | 310    | 191    | 211    |
| Tax suits.....  | 779               | 402               | 896    | 1,051  | 863    | 905    | 1,038  | 1,141  | 1,316  |
| Federal Tort Claims Act.....  |                   |                   | 1,013  | 1,041  | 1,118  | 864    | 915    | 1,057  | 1,157  |
| Other.....  | 755               | 738               | 1,342  | 2,474  | 1,898  | 1,407  | 1,351  | 1,240  | 1,428  |
| <b>Private cases</b> .....  | 14,365            | 10,057            | 22,600 | 29,508 | 29,015 | 28,804 | 30,684 | 34,116 | 37,725 |
| Federal question.....   | 5,427             | 3,563             | 6,743  | 8,928  | 7,492  | 7,117  | 7,602  | 8,143  | 8,894  |
| Antitrust laws.....   | 110               | 26                | 155    | 207    | 159    | 206    | 225    | 184    | 260    |
| Copyright.....  | 590               | 133               | 164    | 199    | 208    | 284    | 297    | 357    | 419    |
| Patent.....   | 953               | 226               | 689    | 557    | 578    | 667    | 636    | 623    | 644    |
| Trade-mark.....   | 173               | 91                | 204    | 192    | 193    | 210    | 247    | 243    | 285    |
| Employers' Liability Act.....   | 100               | 412               | 1,034  | 1,316  | 1,282  | 1,363  | 1,327  | 1,358  | 1,897  |
| Fair Labor Standards Act.....   | 816               | 597               | 245    | 215    | 182    | 151    | 125    | 173    | 217    |
| Habeas corpus.....  | 127               | 586               | 560    | 548    | 597    | 660    | 734    | 778    | 765    |
| Jones Act.....  | 949               | 384               | 1,716  | 2,463  | 2,253  | 2,067  | 2,392  | 2,712  | 3,054  |
| Rationing, price, and rent control (OPA-OHE-Def. Prod. Act 1950)..... |                   | 384               | 631    | 527    | 251    | 8      | 4      | 3      |        |
| Other.....  | 1,639             | 774               | 1,295  | 2,704  | 1,789  | 1,501  | 1,015  | 1,712  | 1,863  |
| Diversity of citizenship.....   | 7,286             | 5,268             | 13,124 | 17,374 | 18,598 | 19,121 | 20,524 | 23,223 | 25,706 |
| Contract.....   | 2,685             | 2,141             | 4,862  | 5,624  | 6,484  | 6,650  | 7,216  | 7,581  | 8,523  |
| Tort.....   | 3,631             | 2,763             | 7,572  | 11,170 | 11,503 | 11,842 | 12,582 | 14,954 | 16,228 |
| Other.....  | 970               | 364               | 690    | 580    | 611    | 629    | 746    | 688    | 665    |
| Admiralty.....  | 1,652             | 1,226             | 2,733  | 3,205  | 2,925  | 2,506  | 2,558  | 2,750  | 3,125  |

<sup>1</sup> Excludes Hawaii and Puerto Rico.

<sup>2</sup> Excludes rent control cases which are included with rationing, price, and rent control.

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

No. 188. U.S. DISTRICT COURTS—TRIALS BEGUN: 1945 TO 1958

[For years ending June 30. For purposes of this table, a trial was defined as a contested proceeding (other than a hearing on a motion) before either court or jury in which evidence was introduced and final judgment sought]

| TYPE OF TRIAL                | 1945  | 1950  | 1952   | 1953   | 1954   | 1955   | 1956   | 1957   | 1958   |
|------------------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
| <b>Total</b> .....           | 9,779 | 9,572 | 10,073 | 10,768 | 11,275 | 11,138 | 11,198 | 10,443 | 10,888 |
| <b>Civil trials</b> .....    | 5,265 | 6,539 | 6,668  | 6,861  | 6,958  | 7,049  | 7,341  | 6,884  | 7,067  |
| Non-jury.....                | 3,561 | 4,276 | 4,179  | 4,272  | 4,182  | 4,110  | 3,810  | 3,595  | 3,666  |
| Jury.....                    | 1,704 | 2,263 | 2,489  | 2,589  | 2,776  | 2,939  | 3,531  | 3,289  | 3,391  |
| <b>Criminal trials</b> ..... | 4,514 | 3,033 | 3,405  | 3,907  | 4,317  | 4,089  | 3,857  | 3,559  | 3,831  |
| Non-jury.....                | 1,503 | 961   | 1,167  | 1,361  | 1,493  | 1,351  | 1,319  | 1,214  | 1,326  |
| Jury.....                    | 3,011 | 2,072 | 2,238  | 2,546  | 2,824  | 2,738  | 2,538  | 2,345  | 2,505  |

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

**No. 189. U.S. DISTRICT COURTS—CIVIL CASES TERMINATED, BY BASIS OF JURISDICTION AND MAJOR NATURE OF SUIT: 1958**

[For year ending June 30. Excludes district courts in D.C., Alaska, Canal Zone, Guam, and Virgin Islands. Excludes data for land condemnation cases]

| BASIS OF JURISDICTION AND NATURE OF SUIT    | Total         | JUDGMENT WITHOUT CONTEST OR BY CONSENT               |                               |                               |                                |                           | CONTESTED JUDGMENT—                             |                                |  |                            |
|---|---------------|--|-------------------------------|-------------------------------|--------------------------------|---------------------------|---|--------------------------------|--|----------------------------|
|   |               | Dis-<br>missed<br>for<br>want of<br>prose-<br>cution | De-<br>fault<br>judg-<br>ment | Con-<br>sent<br>judg-<br>ment | Con-<br>sent<br>dis-<br>missal | Other<br>dispo-<br>sition | By de-<br>cision<br>of court<br>before<br>trial | After<br>non-<br>jury<br>trial | By<br>court<br>during<br>jury<br>trial | On<br>jury<br>ver-<br>dict |
| <b>Total cases</b> .....                    | <b>51,439</b> | <b>1,049</b>   | <b>8,004</b>                  | <b>6,851</b>                  | <b>25,179</b>                  | <b>1,648</b>              | <b>4,051</b>                                    | <b>2,490</b>                   | <b>223</b>                             | <b>1,944</b>               |
| U.S. cases.....                             | 19,176        | 236  | 7,438                         | 2,455                         | 5,593                          | 322                       | 1,894   | 1,127                          | 16                                     | 95                         |
| Private cases.....                          | 32,263        | 813  | 566                           | 4,396                         | 19,586                         | 1,326                     | 2,157   | 1,363                          | 207                                    | 1,849                      |
| <b>U.S. plaintiff</b> .....                 | <b>14,626</b> | <b>146</b>   | <b>7,427</b>                  | <b>2,109</b>                  | <b>3,671</b>                   | <b>81</b>                 | <b>708</b>                                      | <b>439</b>                     | <b>8</b>                               | <b>37</b>                  |
| Enforcement of Federal statutes:            |               |  |                               |                               |                                |                           |   |                                |  |                            |
| Denaturalization.....                       | 418           | 4  | 151                           | 30                            | 131                            |                           | 46  | 5                              |  | 1                          |
| Fair Labor Standards Act.....               | 845           | 4  | 48                            | 434                           | 290                            |                           | 30  | 30                             | 1                                      | 4                          |
| Other enforcement suits.....                | 340           | 19   | 10                            | 98                            | 118                            | 4                         | 59  | 31                             |  | 1                          |
| Forfeitures:                                |               |  |                               |                               |                                |                           |   |                                |  |                            |
| Food and drug.....                          | 1,085         | 2  | 509                           | 440                           | 65                             | 7                         | 59  | 2                              |  | 1                          |
| Liquor.....                                 | 463           | 2  | 154                           | 74                            | 44                             | 3                         | 65  | 110                            | 1                                      | 16                         |
| Other forfeitures.....                      | 221           | 1  | 82                            | 36                            | 18                             | 25                        | 21  | 36                             |  | 2                          |
| Contract actions:                           |               |  |                               |                               |                                |                           |   |                                |  |                            |
| Negotiable instruments.....                 | 5,952         | 47   | 4,280                         | 397                           | 1,081                          | 8                         | 84  | 49                             | 1                                      | 5                          |
| Other contracts.....                        | 3,208         | 46   | 1,651                         | 166                           | 1,116                          | 10                        | 151   | 61                             | 1                                      | 6                          |
| Other U.S. plaintiff.....                   | 2,094         | 21   | 542                           | 434                           | 758                            | 20                        | 193   | 115                            | 4                                      | 7                          |
| <b>U.S. defendant</b> .....                 | <b>4,550</b>  | <b>90</b>  | <b>11</b>                     | <b>346</b>                    | <b>1,922</b>                   | <b>241</b>                | <b>1,186</b>                                    | <b>688</b>                     | <b>8</b>                               | <b>58</b>                  |
| Habeas corpus.....                          | 482           | 4  |                               | 1                             | 72                             | 12                        | 362   | 31                             |  |                            |
| Tort Claims Act.....                        | 1,111         | 20   | 1                             | 206                           | 555                            | 30                        | 60  | 233                            |  | 6                          |
| Tax suits.....                              | 1,201         | 14   | 2                             | 22                            | 655                            | 101                       | 126   | 231                            | 6                                      | 44                         |
| Other U.S. defendant.....                   | 1,756         | 52   | 8                             | 117                           | 640                            | 98                        | 638   | 193                            | 2                                      | 8                          |
| <b>Federal question</b> .....               | <b>7,937</b>  | <b>302</b>   | <b>112</b>                    | <b>619</b>                    | <b>5,067</b>                   | <b>204</b>                | <b>1,010</b>                                    | <b>345</b>                     | <b>24</b>                              | <b>254</b>                 |
| Copyright.....                              | 349           | 11   | 41                            | 56                            | 196                            | 2                         | 26  | 17                             |  |                            |
| Employers' Liability Act.....               | 1,297         | 8  | 2                             | 45                            | 1,000                          | 52                        | 15  | 17                             | 9                                      | 149                        |
| Fair Labor Standards Act.....               | 213           | 5  | 1                             | 21                            | 110                            | 12                        | 29  | 29                             | 1                                      | 5                          |
| Habeas corpus.....                          | 728           | 12   | 2                             | 2                             | 70                             | 1                         | 613   | 28                             |  |                            |
| Jones Act.....                              | 2,658         | 149  | 6                             | 124                           | 2,187                          | 53                        | 40  | 18                             | 8                                      | 73                         |
| Miller Act.....                             | 485           | 29   | 13                            | 43                            | 337                            | 4                         | 23  | 28                             | 1                                      | 7                          |
| Patent.....                                 | 610           | 15   | 1                             | 151                           | 399                            | 24                        | 23  | 86                             | 1                                      |                            |
| Other Federal question.....                 | 1,597         | 73   | 46                            | 177                           | 858                            | 56                        | 241   | 122                            | 4                                      | 20                         |
| <b>Diversity of citizenship</b> .....       | <b>21,805</b> | <b>431</b>   | <b>381</b>                    | <b>3,614</b>                  | <b>12,622</b>                  | <b>1,057</b>              | <b>1,079</b>                                    | <b>851</b>                     | <b>182</b>                             | <b>1,588</b>               |
| Contracts:                                  |               |  |                               |                               |                                |                           |   |                                |  |                            |
| Insurance.....                              | 3,537         | 30   | 18                            | 1,906                         | 959                            | 97                        | 151   | 153                            | 24                                     | 199                        |
| Other contracts.....                        | 3,792         | 106  | 276                           | 453                           | 2,017                          | 122                       | 400   | 290                            | 22                                     | 106                        |
| Real property.....                          | 438           | 13   | 15                            | 44                            | 220                            | 40                        | 49  | 48                             |  | 9                          |
| Torts:                                      |               |  |                               |                               |                                |                           |   |                                |  |                            |
| Personal injury, motor vehicle.....         | 8,309         | 140  | 45                            | 780                           | 5,678                          | 445                       | 198   | 160                            | 61                                     | 802                        |
| Personal injury, other negli-<br>gence..... | 4,226         | 90   | 3                             | 325                           | 2,918                          | 243                       | 130   | 93                             | 59                                     | 365                        |
| Other diversity.....                        | 1,593         | 52   | 24                            | 106                           | 830                            | 110                       | 151   | 107                            | 10                                     | 107                        |
| <b>Admiralty</b> .....                      | <b>2,521</b>  | <b>80</b>  | <b>73</b>                     | <b>163</b>                    | <b>1,897</b>                   | <b>65</b>                 | <b>68</b>                                       | <b>167</b>                     | <b>1</b>                               | <b>7</b>                   |

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

**No. 190. U.S. DISTRICT COURTS—CIVIL CASES TERMINATED, BY TIME INTERVAL FROM FILING TO DISPOSITION: 1950, 1955, AND 1958**

[For years ending June 30. Covers only cases in which a trial was held. Excludes district courts in D. C., Alaska, Canal Zone, Guam, and Virgin Islands. Excludes data for land condemnation, forfeiture, and habeas corpus cases. For definition of median, see table 23]

| TIME INTERVAL                      | 1950         |              |              | 1955         |              |              | 1958         |              |              |
|------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                                    | Total cases  | Non-jury     | Jury         | Total cases  | Non-jury     | Jury         | Total cases  | Non-jury     | Jury         |
| <b>Total</b> .....                 | <b>5,020</b> | <b>3,320</b> | <b>1,700</b> | <b>5,239</b> | <b>2,806</b> | <b>2,433</b> | <b>5,404</b> | <b>2,587</b> | <b>2,817</b> |
| Less than 6 months.....            | 1,118        | 721          | 397          | 866          | 398          | 468          | 784          | 341          | 443          |
| 6 months to 1 year.....            | 1,574        | 1,011        | 563          | 1,308        | 617          | 691          | 1,556        | 643          | 913          |
| 1 to 2 years.....                  | 1,448        | 937          | 511          | 1,561        | 865          | 696          | 1,750        | 816          | 934          |
| 2 years and over.....              | 880          | 651          | 229          | 1,504        | 926          | 578          | 1,314        | 787          | 527          |
| Less than 1 year..... percent..... | 53.6         | 52.2         | 56.5         | 41.5         | 36.2         | 47.6         | 43.3         | 38.0         | 48.1         |
| Median interval..... months.....   | 11.2         | 11.5         | 10.4         | 14.6         | 16.7         | 12.6         | 13.9         | 15.3         | 12.4         |

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

**No. 191. U.S. DISTRICT COURTS—CRIMINAL PROCEEDINGS COMMENCED, BY MAJOR OFFENSE GROUPS: 1950 TO 1958**

[For years ending June 30. Figures for defendants are smaller in some instances than corresponding figures for cases, because defendants appearing in more than one case have been counted only once]

| NATURE OF PROCEEDING AND OFFENSE  | 1950          |               | 1955          |               | 1957          |               | 1958          |               |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|   | Cases         | Defendants    | Cases         | Defendants    | Cases         | Defendants    | Cases         | Defendants    |
| <b>Total</b> .....  | <b>36,383</b> | <b>42,582</b> | <b>35,310</b> | <b>41,149</b> | <b>28,120</b> | <b>34,309</b> | <b>28,897</b> | <b>35,015</b> |
| <b>Proceeding commenced by—</b>   |               |               |               |               |               |               |               |               |
| Indictment.....   | 15,850        | 20,641        | 14,314        | 18,625        | 14,536        | 19,111        | 14,848        | 19,388        |
| Information—indictment waived.....                                      | 6,270         | 6,850         | 8,722         | 9,370         | 7,619         | 8,242         | 8,487         | 9,117         |
| Information—other.....  | 14,143        | 14,964        | 12,148        | 13,025        | 5,842         | 6,837         | 5,441         | 6,888         |
| All other proceedings.....  | 120           | 137           | 126           | 129           | 123           | 119           | 121           | 122           |
| <b>Offense:</b>   |               |               |               |               |               |               |               |               |
| Transportation, etc., of stolen motor vehicles.....                     | 2,794         | 3,302         | 3,603         | 4,145         | 3,534         | 4,063         | 4,027         | 4,507         |
| Fraud and other theft <sup>1</sup> .....                                | 9,056         | 10,271        | 8,882         | 10,113        | 9,233         | 10,525        | 8,711         | 9,788         |
| White slave traffic.....  | 238           | 270           | 316           | 349           | 242           | 247           | 199           | 218           |
| Narcotics.....  | 2,268         | 2,669         | 1,684         | 2,180         | 1,605         | 2,218         | 1,610         | 2,125         |
| Liquor, Internal Revenue.....   | 3,742         | 5,809         | 3,968         | 5,966         | 4,131         | 6,134         | 4,628         | 6,856         |
| Other liquor.....   | 271           | 294           | 31            | 35            | 40            | 49            | 47            | 62            |
| Antitrust violations.....   | 34            | 488           | 16            | 190           | 18            | 170           | 22            | 161           |
| Food and Drug Act.....  | 368           | 579           | 342           | 589           | 226           | 377           | 275           | 462           |
| Immigration laws.....   | 10,482        | 10,609        | 9,686         | 9,743         | 2,302         | 2,346         | 2,377         | 2,434         |
| Impersonation of Federal officer.....                                   | 223           | 224           | 177           | 180           | 184           | 181           | 158           | 168           |
| Juvenile delinquency.....   | 968           | 1,160         | 1,040         | 1,235         | 1,269         | 1,568         | 1,307         | 1,679         |
| Migratory bird laws.....  | 525           | 699           | 624           | 839           | 511           | 737           | 486           | 671           |
| Motor Carrier Act.....  | 553           | 611           | 297           | 347           | 316           | 356           | 516           | 566           |
| <b>National defense laws:</b>   |               |               |               |               |               |               |               |               |
| Selective Service Acts.....   | 208           | 207           | 466           | 477           | 304           | 303           | 315           | 311           |
| Illegal use of uniform.....   | 112           | 109           | 112           | 109           | 105           | 103           | 120           | 121           |
| Other <sup>2</sup> .....  | 38            | 59            | 125           | 164           | 53            | 75            | 45            | 151           |
| All other U.S. offenses.....  | 1,927         | 2,519         | 1,924         | 2,405         | 1,862         | 2,340         | 1,831         | 2,286         |
| <b>Offenses: local,<sup>3</sup> on U.S. reservations and high seas:</b> |               |               |               |               |               |               |               |               |
| Robbery.....  | 311           | 372           | 193           | 229           | 158           | 223           | 192           | 236           |
| Assault.....  | 385           | 400           | 203           | 191           | 289           | 201           | 252           | 267           |
| Burglary.....   | 462           | 423           | 344           | 329           | 381           | 442           | 363           | 432           |
| Larceny.....  | 391           | 384           | 313           | 341           | 375           | 405           | 402           | 444           |
| Rape and other sex offenses.....  | 203           | 204           | 210           | 215           | 190           | 215           | 172           | 191           |
| All other local, etc., offenses.....                                    | 824           | 830           | 754           | 775           | 793           | 936           | 842           | 979           |

<sup>1</sup> Includes burglary, embezzlement, forgery, income tax violations, theft, etc., interstate commerce and transportation, etc., of stolen property.

<sup>2</sup> Comprises treason, espionage, sabotage, sedition, and other offenses directly associated with national defense.

<sup>3</sup> District of Columbia, Alaska, Canal Zone, Guam, and Virgin Islands.

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

No. 192. U.S. DISTRICT COURTS—CRIMINAL DEFENDANTS DISPOSED OF, BY MAJOR OFFENSE GROUPS: 1958

[For year ending June 30. Excludes district courts in D.C., Alaska, Canal Zone, Guam, and Virgin Islands]

| NATURE OF OFFENSE  | Total         | NOT CONVICTED |                |                | CONVICTED AND SENTENCED |                               |                |                        |  |              |
|--|---------------|---------------|----------------|----------------|-------------------------|-------------------------------|----------------|------------------------|--|--------------|
|  |               | Total         | Dis-<br>missed | Acquit-<br>ted | Total                   | Pleas of<br>guilty<br>or nolo | Con-<br>victed | Type of sentence       |  |              |
|  |               |               |                |                |                         |                               |                | Im-<br>prison-<br>ment | Proba-<br>tion<br>and<br>sus-<br>pended<br>sen-<br>tence | Fine<br>only |
| <b>Total (excluding juvenile delinquency) <sup>1</sup></b> ..... | <b>30,469</b> | <b>3,661</b>  | <b>2,571</b>   | <b>1,090</b>   | <b>26,808</b>           | <b>24,256</b>                 | <b>2,552</b>   | <b>13,288</b>          | <b>10,903</b>  | <b>2,617</b> |
| Transportation, etc., of stolen motor vehicles.....              | 4,430         | 333           | 253            | 80             | 4,097                   | 3,910                         | 187            | 2,985                  | 1,107  | 5            |
| Larceny, fraud, and other theft <sup>2</sup> .....               | 9,611         | 1,027         | 737            | 290            | 8,584                   | 8,028                         | 556            | 3,626                  | 4,448  | 510          |
| White slave traffic.....   | 208           | 55            | 41             | 14             | 153                     | 103                           | 50             | 127                    | 26   | 8            |
| Narcotics.....   | 1,942         | 301           | 217            | 84             | 1,641                   | 1,138                         | 503            | 1,351                  | 282  | 8            |
| Liquor, Internal Revenue.....                                    | 6,344         | 880           | 509            | 371            | 5,464                   | 4,785                         | 679            | 2,192                  | 3,047  | 225          |
| Other liquor.....  | 61            | 12            | 9              | 3              | 49                      | 34                            | 15             | 15                     | 22   | 12           |
| Antitrust violations.....  | 201           | 57            | 50             | 7              | 144                     | 114                           | 30             | -----                  | -----  | 144          |
| Food and Drug Act.....   | 430           | 61            | 54             | 7              | 369                     | 353                           | 16             | 15                     | 98   | 256          |
| Immigration laws.....  | 2,436         | 91            | 79             | 12             | 2,345                   | 2,317                         | 28             | 1,562                  | 737  | 46           |
| Impersonation.....   | 158           | 23            | 15             | 8              | 135                     | 120                           | 15             | 84                     | 51   | -----        |
| Migratory bird laws.....   | 637           | 94            | 63             | 31             | 543                     | 491                           | 52             | 21                     | 27   | 495          |
| Motor Carrier Act.....   | 484           | 26            | 21             | 5              | 458                     | 449                           | 9              | -----                  | 12   | 446          |
| National defense laws:   |               |               |                |                |                         |                               |                |                        |  |              |
| Selective Service Acts.....                                      | 325           | 96            | 66             | 30             | 229                     | 154                           | 75             | 190                    | 36   | 3            |
| Illegal use of uniform.....                                      | 108           | 5             | 4              | 1              | 103                     | 102                           | 1              | 52                     | 46   | 5            |
| Other <sup>3</sup> .....   | 158           | 60            | 57             | 3              | 98                      | 55                            | 43             | 8                      | 52   | 38           |
| Counterfeiting.....  | 87            | 13            | 11             | 2              | 74                      | 65                            | 9              | 54                     | 20   | -----        |
| All other U.S. offenses.....                                     | 2,178         | 448           | 333            | 115            | 1,730                   | 1,505                         | 225            | 723                    | 619  | 388          |
| Offenses committed on U.S. reservations and high seas.....       | 671           | 79            | 52             | 27             | 592                     | 533                           | 59             | 283                    | 273  | 36           |
| Juvenile delinquency.....  | 1,586         | 56            | 35             | 21             | 1,530                   | -----                         | 1,530          | 813                    | 714  | 3            |

<sup>1</sup> Juvenile delinquency cases excluded from totals because proceedings differ in nature from ordinary court trial and because Attorney General has power to designate any public or private agency for custody of juvenile during period for which he is committed.

<sup>2</sup> See footnote 1, table 191.

<sup>3</sup> See footnote 2, table 191.

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

### No. 193. LEGAL PROFESSION—LAWYERS, BY SEX, YEAR OF BIRTH, EDUCATION, AND STATUS IN PRACTICE: 1957

[Includes data for Alaska and Hawaii. Data based on 1958 edition of Martindale-Hubbell Law Directory]

| ITEM                               | Total lawyers | IN CITIES <sup>1</sup> HAVING— |                   | ITEM                                    | Total lawyers | IN CITIES <sup>1</sup> HAVING— |                   |
|------------------------------------|---------------|--------------------------------|-------------------|---|---------------|--------------------------------|-------------------|
|                                    |               | 200,000 inhabitants or more    | Less than 200,000 |   |               | 200,000 inhabitants or more    | Less than 200,000 |
| Total <sup>2</sup> .....           | 262,320       | 139,008                        | 123,312           | <b>Status in practice:</b> <sup>4</sup> |               |                                |                   |
| Total reporting <sup>3</sup> ..... | 235,783       | 124,240                        | 111,543           |   |               |                                |                   |
| Male.....                          | 229,480       | 120,533                        | 108,947           | Government service.....                 | 24,245        | 11,730                         | 12,465            |
| Female.....                        | 6,303         | 3,707                          | 2,596             | Federal.....                            | 12,458        | 9,000                          | 3,458             |
| <b>Year of birth:</b>              |               |                                |                   | State.....                              | 4,000         | 1,134                          | 2,866             |
| 1925 and later.....                | 36,225        | 19,343                         | 16,882            | City or county.....                     | 7,787         | 1,646                          | 6,141             |
| 1915-1924.....                     | 60,235        | 29,757                         | 30,478            | Judicial.....                           | 7,910         | 1,876                          | 6,034             |
| 1905-1914.....                     | 59,491        | 32,476                         | 27,015            | Federal.....                            | 769           | 381                            | 388               |
| 1895-1904.....                     | 41,044        | 23,179                         | 17,865            | State or county.....                    | 5,056         | 1,063                          | 3,993             |
| 1885-1894.....                     | 22,940        | 11,599                         | 11,341            | City.....                               | 2,085         | 432                            | 1,653             |
| 1875-1884.....                     | 10,397        | 4,633                          | 5,764             | Private practice.....                   | 188,955       | 96,571                         | 92,384            |
| 1874 and earlier.....              | 2,098         | 820                            | 1,278             | Individual.....                         | 122,389       | 62,950                         | 59,430            |
| Unknown.....                       | 3,353         | 2,433                          | 920               | Partner.....                            | 54,966        | 25,958                         | 29,008            |
| <b>Education:</b>                  |               |                                |                   | Associate.....                          | 11,600        | 7,603                          | 3,987             |
| Attended college.....              | 191,198       | 99,935                         | 91,263            | Salaried.....                           | 21,054        | 13,711                         | 7,343             |
| College degree.....                | 122,767       | 66,221                         | 56,546            | Private industry.....                   | 18,911        | 12,399                         | 6,512             |
| Attended law school.....           | 214,019       | 115,424                        | 98,595            | Educational institution.....            | 1,504         | 877                            | 627               |
| Law degree.....                    | 188,883       | 103,297                        | 85,586            | Other private employment.....           | 639           | 435                            | 204               |
| Unknown.....                       | 14,893        | 7,430                          | 7,403             | Inactive or retired.....                | 7,661         | 3,052                          | 4,609             |

<sup>1</sup> According to the 1950 Census of Population.

<sup>2</sup> Includes lawyers not reporting and an estimated adjustment (subtraction) to account for duplications.

<sup>3</sup> Includes 4,506 duplications.

<sup>4</sup> If more than one subentry was applicable the individual was tabulated in each.

Source: American Bar Foundation; 1958 *Distribution Supplement to Lawyers in the United States: Distribution and Income* (copyright 1959).

### No. 194. AVERAGE NET INCOME OF LAWYERS, BY AGE AND NUMBER OF YEARS IN PRACTICE: 1954

[Based on sample; see source. Based on total net income received, classified by major source of income. For definition of median, see headnote, table 23]

| AGE AND YEARS IN PRACTICE | ALL LAWYERS           |                  |                  | MAJOR SOURCE OF INCOME |                      |                  |                   |          |         |
|---------------------------|-----------------------|------------------|------------------|------------------------|----------------------|------------------|-------------------|----------|---------|
|                           | Percent in each group | Net income       |                  | Percent in each group  | Independent practice |                  | Salaried practice |          |         |
|                           |                       | Mean             | Median           |                        | Mean                 | Median           | Mean              | Median   |         |
| <b>Total</b> .....        | 100.0                 | \$10,218         | \$7,833          | 100.0                  | \$10,294             | \$7,554          | 100.0             | \$10,068 | \$8,229 |
| <b>AGE</b>                |                       |                  |                  |                        |                      |                  |                   |          |         |
| Under 25 years.....       | ( <sup>1</sup> )      | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>1</sup> )       | ( <sup>2</sup> )     | ( <sup>2</sup> ) | -----             | -----    | -----   |
| 25 to 29 years.....       | 5.7                   | 5,276            | 5,099            | 4.7                    | 4,966                | 4,342            | 7.9               | 5,641    | 5,480   |
| 30 to 34 years.....       | 15.5                  | 6,750            | 6,160            | 12.0                   | 6,656                | 5,679            | 22.4              | 6,849    | 6,392   |
| 35 to 39 years.....       | 14.0                  | 8,925            | 7,827            | 13.8                   | 8,962                | 7,743            | 14.5              | 8,865    | 7,908   |
| 40 to 44 years.....       | 14.6                  | 11,356           | 9,371            | 15.3                   | 11,376               | 9,146            | 13.1              | 11,310   | 9,726   |
| 45 to 49 years.....       | 15.5                  | 12,152           | 9,496            | 16.2                   | 12,075               | 9,257            | 14.3              | 12,323   | 9,974   |
| 50 to 54 years.....       | 12.0                  | 12,844           | 9,728            | 12.7                   | 12,651               | 9,046            | 10.5              | 13,308   | 10,562  |
| 55 to 59 years.....       | 7.2                   | 12,874           | 9,366            | 7.5                    | 12,730               | 8,650            | 6.5               | 13,183   | 10,288  |
| 60 to 64 years.....       | 6.1                   | 12,193           | 8,897            | 6.3                    | 11,973               | 7,500            | 5.6               | 12,086   | 10,194  |
| 65 and over.....          | 0.4                   | 9,046            | 6,474            | 11.5                   | 8,551                | 5,391            | 5.3               | 11,174   | 9,600   |
| <b>YEARS IN PRACTICE</b>  |                       |                  |                  |                        |                      |                  |                   |          |         |
| Under 5 years.....        | 11.0                  | 5,030            | 4,856            | 9.3                    | 4,317                | 3,359            | 16.9              | 5,815    | 5,520   |
| 5 to 9 years.....         | 20.7                  | 7,688            | 7,020            | 18.3                   | 7,652                | 6,730            | 25.4              | 7,742    | 7,193   |
| 10 to 14 years.....       | 9.4                   | 9,741            | 8,706            | 9.1                    | 9,596                | 8,194            | 9.0               | 10,066   | 9,010   |
| 15 to 19 years.....       | 11.0                  | 11,076           | 9,775            | 12.4                   | 11,669               | 9,414            | 10.8              | 11,692   | 10,167  |
| 20 to 24 years.....       | 13.9                  | 12,118           | 9,893            | 14.7                   | 11,944               | 9,424            | 12.4              | 12,530   | 10,488  |
| 25 to 29 years.....       | 12.6                  | 13,181           | 9,839            | 13.8                   | 13,026               | 9,380            | 10.4              | 13,591   | 10,375  |
| 30 to 34 years.....       | 7.1                   | 13,096           | 9,209            | 7.6                    | 12,785               | 8,233            | 6.1               | 13,873   | 10,385  |
| 35 to 39 years.....       | 4.2                   | 13,029           | 9,262            | 4.7                    | 12,794               | 8,259            | 3.3               | 13,695   | 10,575  |
| 40 to 44 years.....       | 4.3                   | 12,309           | 9,278            | 4.9                    | 12,209               | 8,536            | 3.1               | 12,435   | 10,550  |
| 45 or more.....           | 4.2                   | 8,608            | 6,417            | 5.4                    | 8,152                | 6,682            | 1.7               | 11,867   | 11,500  |

<sup>1</sup> Less than 0.05 percent.

<sup>2</sup> Too few cases reported to provide reliable results.

Source: Department of Commerce, Office of Business Economics; *Survey of Current Business*, December 1956.

## No. 195. LEGAL PROFESSION—LAWYERS, BY STATES: 1948 TO 1957

[Data based on 1949, 1952, 1955, and 1958 editions of Martindale-Hubbell Law Directory]

| STATE                | 1948    | 1951    | 1954    | 1957    |         |                     |                                   |                 |
|----------------------|---------|---------|---------|---------|---------|---------------------|-----------------------------------|-----------------|
|                      |         |         |         | Total   | Male    | In private practice | In government or judicial service | With law degree |
| Cont. U. S. 1        | 170,850 | 203,752 | 221,107 | 235,233 | 228,947 | 188,519             | 32,019                            | 188,418         |
| Alabama              | 1,692   | 2,098   | 2,151   | 2,340   | 2,298   | 1,854               | 466                               | 1,930           |
| Arizona              | 669     | 865     | 1,027   | 1,169   | 1,150   | 946                 | 154                               | 943             |
| Arkansas             | 1,478   | 1,628   | 1,689   | 1,946   | 1,612   | 1,338               | 323                               | 1,055           |
| California           | 10,744  | 14,577  | 16,543  | 18,543  | 17,930  | 15,108              | 2,198                             | 14,930          |
| Colorado             | 1,584   | 2,122   | 2,450   | 2,782   | 2,727   | 2,235               | 368                               | 2,436           |
| Connecticut          | 2,013   | 2,515   | 2,945   | 3,182   | 3,119   | 2,611               | 346                               | 2,639           |
| Delaware             | 249     | 316     | 361     | 423     | 419     | 264                 | 42                                | 374             |
| District of Columbia | 4,702   | 6,637   | 8,030   | 10,557  | 10,413  | 4,608               | 5,801                             | 9,934           |
| Florida              | 2,949   | 4,165   | 5,397   | 6,099   | 5,968   | 5,220               | 757                               | 5,275           |
| Georgia              | 2,690   | 3,636   | 3,962   | 3,976   | 3,837   | 3,084               | 659                               | 2,890           |
| Idaho                | 459     | 579     | 614     | 641     | 625     | 511                 | 150                               | 506             |
| Illinois             | 14,144  | 15,643  | 16,482  | 16,885  | 16,356  | 13,691              | 1,570                             | 14,152          |
| Indiana              | 3,781   | 4,119   | 4,308   | 4,311   | 4,225   | 3,439               | 669                               | 3,240           |
| Iowa                 | 2,893   | 3,261   | 3,314   | 3,280   | 3,195   | 2,594               | 461                               | 1,865           |
| Kansas               | 1,823   | 2,220   | 2,373   | 2,473   | 2,419   | 2,054               | 455                               | 2,068           |
| Kentucky             | 2,569   | 3,009   | 2,975   | 3,072   | 2,998   | 2,526               | 526                               | 2,248           |
| Louisiana            | 2,190   | 2,730   | 3,061   | 3,300   | 3,200   | 2,672               | 374                               | 2,571           |
| Maine                | 767     | 887     | 923     | 894     | 867     | 763                 | 173                               | 674             |
| Maryland             | 2,801   | 3,320   | 3,637   | 3,928   | 3,865   | 3,164               | 348                               | 3,411           |
| Massachusetts        | 6,950   | 7,788   | 8,168   | 8,672   | 8,351   | 7,539               | 654                               | 6,951           |
| Michigan             | 5,501   | 6,561   | 7,079   | 7,655   | 7,490   | 6,213               | 944                               | 6,369           |
| Minnesota            | 3,187   | 3,800   | 3,514   | 4,070   | 4,011   | 3,232               | 680                               | 3,204           |
| Mississippi          | 1,368   | 1,606   | 1,638   | 1,856   | 1,812   | 1,482               | 331                               | 1,337           |
| Missouri             | 4,994   | 5,302   | 6,141   | 6,237   | 6,049   | 4,742               | 511                               | 5,062           |
| Montana              | 620     | 794     | 847     | 874     | 852     | 681                 | 160                               | 690             |
| Nebraska             | 1,823   | 2,079   | 2,163   | 2,157   | 2,102   | 1,581               | 406                               | 1,644           |
| Nevada               | 262     | 313     | 356     | 381     | 369     | 330                 | 70                                | 303             |
| New Hampshire        | 410     | 492     | 531     | 548     | 537     | 442                 | 112                               | 429             |
| New Jersey           | 5,827   | 7,042   | 7,372   | 7,662   | 7,592   | 6,748               | 558                               | 5,269           |
| New Mexico           | 439     | 617     | 698     | 811     | 795     | 642                 | 152                               | 672             |
| New York             | 28,618  | 33,260  | 35,360  | 37,110  | 35,928  | 31,819              | 2,355                             | 30,246          |
| North Carolina       | 2,400   | 2,714   | 3,009   | 3,124   | 3,085   | 2,557               | 552                               | 1,832           |
| North Dakota         | 509     | 563     | 632     | 626     | 619     | 474                 | 166                               | 474             |
| Ohio                 | 9,525   | 11,020  | 12,310  | 12,968  | 12,578  | 10,646              | 1,279                             | 10,544          |
| Oklahoma             | 3,379   | 3,740   | 3,948   | 3,901   | 3,764   | 2,840               | 570                               | 2,863           |
| Oregon               | 1,604   | 1,922   | 2,115   | 2,233   | 2,182   | 1,797               | 408                               | 1,698           |
| Pennsylvania         | 8,763   | 9,526   | 10,228  | 10,567  | 10,402  | 9,009               | 823                               | 8,437           |
| Rhode Island         | 719     | 800     | 909     | 977     | 968     | 887                 | 92                                | 802             |
| South Carolina       | 1,150   | 1,399   | 1,486   | 1,565   | 1,525   | 1,309               | 261                               | 1,209           |
| South Dakota         | 625     | 740     | 738     | 737     | 733     | 594                 | 229                               | 567             |
| Tennessee            | 2,750   | 3,284   | 3,457   | 3,579   | 3,494   | 2,830               | 559                               | 3,011           |
| Texas                | 8,223   | 9,997   | 10,636  | 11,357  | 11,119  | 8,723               | 1,517                             | 8,794           |
| Utah                 | 637     | 838     | 876     | 957     | 927     | 782                 | 158                               | 811             |
| Vermont              | 354     | 383     | 403     | 422     | 405     | 333                 | 86                                | 264             |
| Virginia             | 2,590   | 3,515   | 3,775   | 3,884   | 3,802   | 3,094               | 732                               | 2,943           |
| Washington           | 2,429   | 2,967   | 3,230   | 3,302   | 3,241   | 2,697               | 517                               | 2,801           |
| West Virginia        | 1,381   | 1,622   | 1,646   | 1,660   | 1,638   | 1,405               | 227                               | 1,390           |
| Wisconsin            | 3,420   | 4,215   | 4,688   | 5,084   | 4,972   | 4,088               | 701                               | 4,434           |
| Wyoming              | 286     | 380     | 432     | 446     | 435     | 331                 | 100                               | 367             |
| Alaska               | 69      | 94      | 124     | 140     | 133     | 105                 | 32                                | 104             |
| Hawaii               | 191     | 265     | 369     | 410     | 400     | 331                 | 104                               | 361             |

<sup>1</sup> Includes 3,242 duplications for 1948, 4,148 for 1951, 4,440 for 1954, and 4,506 for 1957.

<sup>2</sup> See footnote 4, table 193.

Source: American Bar Foundation (except as noted); *Lawyers in the United States—Distribution and Income*, Part I (copyright 1956), and 1958 *Distribution Supplement to Lawyers in the United States: Distribution and Income* (copyright 1959).

**No. 196. FEDERAL AND STATE PRISONS—PRISONERS PRESENT AND PRISONERS RECEIVED, BY TYPE OF INSTITUTION: 1939 TO 1957**

[Rate per 100,000 estimated civilian population. Includes reformatories; also includes Highway Road Camp felony prisoners in North Carolina]

| YEAR | PRESENT AT END OF YEAR |       |                      |      |                    |       | RECEIVED FROM COURTS |      |                      |      |                    |      |
|------|------------------------|-------|----------------------|------|--------------------|-------|----------------------|------|----------------------|------|--------------------|------|
|      | All institutions       |       | Federal institutions |      | State institutions |       | All institutions     |      | Federal institutions |      | State institutions |      |
|      | Number                 | Rate  | Number               | Rate | Number             | Rate  | Number               | Rate | Number               | Rate | Number             | Rate |
| 1939 | 179,818                | 137.6 | 19,730               | 15.1 | 160,088            | 122.5 | (1)                  | (1)  | (1)                  | (1)  | (1)                | (1)  |
| 1940 | 173,706                | 131.9 | 19,290               | 14.6 | 154,446            | 117.3 | 73,104               | 55.5 | 15,109               | 11.5 | 57,995             | 44.0 |
| 1941 | 165,439                | 125.7 | 18,465               | 14.0 | 146,974            | 111.7 | 68,700               | 52.2 | 15,350               | 11.7 | 53,350             | 40.5 |
| 1942 | 150,384                | 114.8 | 10,023               | 12.7 | 133,761            | 102.2 | 58,858               | 44.9 | 13,725               | 10.5 | 45,133             | 34.5 |
| 1943 | 137,220                | 107.6 | 10,113               | 12.6 | 121,107            | 95.0  | 50,082               | 39.3 | 12,203               | 9.0  | 37,879             | 29.7 |
| 1944 | 132,356                | 104.5 | 18,139               | 14.3 | 114,217            | 90.1  | 50,162               | 39.6 | 14,047               | 11.1 | 36,115             | 28.5 |
| 1945 | 133,649                | 104.8 | 18,638               | 14.6 | 115,011            | 90.2  | 53,212               | 41.7 | 14,171               | 11.1 | 39,041             | 30.6 |
| 1946 | 140,079                | 101.2 | 17,622               | 12.7 | 122,457            | 88.5  | 61,302               | 44.3 | 14,050               | 10.8 | 46,352             | 33.5 |
| 1947 | 151,304                | 106.1 | 17,146               | 12.0 | 134,158            | 94.1  | 64,735               | 45.4 | 12,948               | 9.1  | 51,787             | 39.3 |
| 1948 | 155,977                | 107.4 | 10,328               | 11.2 | 139,049            | 96.2  | 63,690               | 43.9 | 12,430               | 8.6  | 51,266             | 35.3 |
| 1949 | 163,749                | 111.0 | 10,808               | 11.4 | 146,881            | 99.5  | 63,830               | 46.6 | 13,130               | 8.9  | 55,706             | 37.7 |
| 1950 | 166,165                | 110.6 | 17,134               | 11.4 | 149,031            | 99.2  | 69,515               | 46.3 | 14,237               | 9.5  | 55,273             | 36.8 |
| 1951 | 165,680                | 109.7 | 17,395               | 11.5 | 148,285            | 98.1  | 67,164               | 44.5 | 14,120               | 9.3  | 53,044             | 35.1 |
| 1952 | 168,233                | 109.7 | 18,014               | 11.7 | 150,219            | 97.9  | 70,845               | 46.2 | 15,305               | 10.0 | 55,540             | 36.2 |
| 1953 | 173,579                | 111.2 | 19,363               | 12.4 | 154,216            | 98.8  | 74,149               | 47.5 | 16,376               | 10.6 | 57,773             | 37.0 |
| 1954 | 182,901                | 115.0 | 20,003               | 12.6 | 162,898            | 102.4 | 80,790               | 50.8 | 16,685               | 10.5 | 64,111             | 40.3 |
| 1955 | 185,915                | 114.5 | 20,088               | 12.4 | 165,827            | 102.2 | 78,349               | 48.3 | 15,286               | 9.4  | 63,063             | 38.0 |
| 1956 | 189,565                | 114.7 | 20,134               | 12.2 | 169,431            | 102.5 | 77,859               | 47.1 | 13,454               | 8.1  | 64,415             | 39.0 |
| 1957 | 195,414                | 116.0 | 20,420               | 12.1 | 174,994            | 103.9 | 80,409               | 47.7 | 13,305               | 7.9  | 67,104             | 39.8 |

<sup>1</sup> Comparable data not available.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin No. 19.

**No. 197. FEDERAL AND STATE PRISONS—MOVEMENT OF SENTENCED PRISONERS, BY SEX: 1956 AND 1957**

[Includes reformatories. For 1957, includes Highway Road Camp felony prisoners in North Carolina; excluded for 1956]

| MOVEMENT OF SENTENCED PRISONERS                      | 1956    |         |        | 1957    |         |        |
|--|---------|---------|--------|---------|---------|--------|
|  | Total   | Male    | Female | Total   | Male    | Female |
| Prisoners present:                                   |         |         |        |         |         |        |
| January 1  | 185,069 | 177,944 | 7,125  | 189,595 | 182,160 | 7,375  |
| December 31  | 188,730 | 181,355 | 7,375  | 195,414 | 188,113 | 7,301  |
| Percent change                                       | 2.0     | 1.9     | 3.5    | 3.1     | 3.3     | -1.0   |
| Admissions   | 146,581 | 140,629 | 5,952  | 153,912 | 148,179 | 5,733  |
| Admitted, except transfers                           | 98,084  | 92,814  | 5,270  | 101,827 | 96,617  | 5,210  |
| Received from courts                                 | 77,029  | 72,825  | 4,204  | 80,409  | 76,316  | 4,093  |
| Returned as a parole or conditional-release violator | 11,720  | 11,128  | 592    | 12,096  | 11,573  | 523    |
| Returned from escape                                 | 2,251   | 2,143   | 108    | 2,222   | 2,098   | 124    |
| Other admissions                                     | 7,084   | 6,718   | 366    | 7,100   | 6,630   | 470    |
| Transferred from other institutions                  | 48,497  | 47,815  | 682    | 52,085  | 51,662  | 523    |
| Discharges   | 142,920 | 137,218 | 5,702  | 148,063 | 142,256 | 5,807  |
| Discharged, except transfers                         | 94,543  | 90,513  | 5,030  | 96,628  | 91,330  | 5,298  |
| Releases   | 83,099  | 78,632  | 4,467  | 85,356  | 80,732  | 4,624  |
| Conditional  | 47,238  | 44,536  | 2,702  | 48,762  | 46,035  | 2,727  |
| Parole   | 42,203  | 39,833  | 2,430  | 43,357  | 40,851  | 2,506  |
| Conditional pardon                                   | 23      | 22      | 1      | 121     | 117     | 4      |
| Other conditional release                            | 4,952   | 4,681   | 271    | 5,284   | 5,007   | 217    |
| Unconditional  | 35,861  | 34,066  | 1,765  | 36,594  | 34,697  | 1,897  |
| Expiration of sentence                               | 32,698  | 31,054  | 1,644  | 33,408  | 31,764  | 1,644  |
| Pardon   | 128     | 117     | 11     | 131     | 127     | 4      |
| Commutation  | 3,035   | 2,925   | 110    | 3,055   | 2,806   | 249    |
| Escape   | 2,202   | 2,078   | 124    | 2,255   | 2,130   | 125    |
| Death, except execution                              | 657     | 643     | 14     | 735     | 719     | 16     |
| Execution  | 65      | 65      | -----  | 65      | 64      | 1      |
| Other discharges                                     | 8,520   | 8,095   | 425    | 8,217   | 7,685   | 532    |
| Transferred to other institutions                    | 48,377  | 47,705  | 672    | 51,435  | 50,926  | 509    |

<sup>1</sup> Includes prisoner movement incident to court orders and authorized temporary absences.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin Nos. 17 and 19.

No. 198. FEDERAL AND STATE PRISONS—PRISONERS PRESENT AND PRISONERS RECEIVED, BY STATES: 1950 TO 1957

[See headnote, table 198]

| STATE                                   | PRESENT AT END OF YEAR |         |         |         |         | RECEIVED FROM COURTS |        |        |        |        |
|---|------------------------|---------|---------|---------|---------|----------------------|--------|--------|--------|--------|
|   | 1950                   | 1954    | 1955    | 1956    | 1957    | 1950                 | 1954   | 1955   | 1956   | 1957   |
| Cont. U.S.-----                         | 166,165                | 182,901 | 185,915 | 189,565 | 195,414 | 69,515               | 80,796 | 78,349 | 77,869 | 80,409 |
| Federal institutions <sup>1</sup> ----- | 17,134                 | 20,003  | 20,088  | 20,134  | 20,420  | 14,237               | 16,685 | 15,286 | 13,454 | 13,305 |
| State institutions-----                 | 149,031                | 162,898 | 165,827 | 169,431 | 174,994 | 55,278               | 64,111 | 63,063 | 64,415 | 67,104 |
| <b>New England:</b>                     |                        |         |         |         |         |                      |        |        |        |        |
| Maine-----                              | 736                    | 611     | 620     | 646     | 621     | 471                  | 312    | 325    | 362    | 394    |
| New Hampshire-----                      | 235                    | 109     | 198     | 192     | 167     | 72                   | 55     | 76     | 67     | 59     |
| Vermont-----                            | 259                    | 278     | 285     | 254     | 248     | 210                  | 180    | 207    | 158    | 191    |
| Massachusetts-----                      | 2,375                  | 2,092   | 1,995   | 1,879   | 1,894   | 851                  | 693    | 861    | 944    | 983    |
| Rhode Island <sup>2</sup> -----         | 284                    | 289     | 305     | 298     | 253     | 250                  | 202    | 201    | 230    | 86     |
| Connecticut-----                        | 1,020                  | 1,188   | 1,260   | 1,263   | 1,329   | 440                  | 570    | 591    | 603    | 667    |
| <b>Middle Atlantic:</b>                 |                        |         |         |         |         |                      |        |        |        |        |
| New York-----                           | 15,313                 | 16,530  | 17,069  | 17,345  | 17,650  | 3,456                | 4,507  | 4,510  | 4,464  | 4,563  |
| New Jersey-----                         | 3,991                  | 3,796   | 3,782   | 3,944   | 3,848   | 1,555                | 1,697  | 1,679  | 1,865  | 1,878  |
| Pennsylvania-----                       | 7,432                  | 7,205   | 7,342   | 7,462   | 7,614   | 1,867                | 2,320  | 2,187  | 2,282  | 2,249  |
| <b>East North Central:</b>              |                        |         |         |         |         |                      |        |        |        |        |
| Ohio-----                               | 9,128                  | 10,146  | 10,483  | 10,079  | 11,257  | 2,727                | 3,264  | 3,264  | 3,263  | 3,677  |
| Indiana-----                            | 4,738                  | 4,459   | 4,462   | 4,632   | 5,050   | 1,134                | 1,362  | 1,331  | 1,400  | 1,490  |
| Illinois-----                           | 7,886                  | 7,948   | 8,130   | 8,053   | 8,451   | 1,868                | 2,162  | 2,196  | 1,919  | 2,141  |
| Michigan-----                           | 8,591                  | 9,571   | 9,547   | 10,071  | 10,133  | 3,076                | 3,391  | 3,275  | 3,601  | 3,588  |
| Wisconsin-----                          | 2,017                  | 2,210   | 2,281   | 2,336   | 2,282   | 1,051                | 1,210  | 1,265  | 1,283  | 1,270  |
| <b>West North Central:</b>              |                        |         |         |         |         |                      |        |        |        |        |
| Minnesota-----                          | 1,879                  | 1,985   | 1,964   | 2,003   | 2,153   | 679                  | 739    | 653    | 693    | 735    |
| Iowa-----                               | 2,084                  | 2,162   | 2,203   | 2,177   | 2,143   | 632                  | 740    | 731    | 711    | 759    |
| Missouri-----                           | 3,400                  | 3,932   | 3,966   | 3,703   | 3,703   | 1,550                | 1,789  | 1,692  | 1,502  | 1,721  |
| North Dakota-----                       | 235                    | 231     | 228     | 232     | 241     | 124                  | 121    | 126    | 125    | 127    |
| South Dakota-----                       | 451                    | 448     | 423     | 451     | 464     | 302                  | 323    | 291    | 310    | 303    |
| Nebraska-----                           | 1,147                  | 1,010   | 1,030   | 1,072   | 1,091   | 623                  | 532    | 644    | 561    | 626    |
| Kansas-----                             | 1,959                  | 2,113   | 1,974   | 1,932   | 1,945   | 833                  | 770    | 802    | 794    | 807    |
| <b>South Atlantic:</b>                  |                        |         |         |         |         |                      |        |        |        |        |
| Delaware <sup>3</sup> -----             | 158                    | 165     | 172     | 226     | 213     | 123                  | 109    | 127    | 118    | 154    |
| Maryland-----                           | 3,892                  | 4,930   | 4,685   | 5,117   | 5,099   | 3,060                | 4,318  | 3,855  | 4,130  | 4,023  |
| Dist. of Columbia-----                  | 1,478                  | 1,914   | 2,020   | 2,119   | 2,046   | 580                  | 661    | 679    | 733    | 617    |
| Virginia-----                           | 4,439                  | 4,938   | 4,860   | 4,869   | 5,135   | 1,751                | 2,060  | 1,839  | 1,823  | 1,996  |
| West Virginia-----                      | 2,904                  | 2,220   | 2,269   | 2,101   | 2,191   | 702                  | 673    | 625    | 501    | 612    |
| North Carolina-----                     | 5,004                  | 5,530   | 5,334   | 5,497   | 5,702   | 1,928                | 2,362  | 2,384  | 2,469  | 2,607  |
| South Carolina-----                     | 1,513                  | 1,853   | 1,852   | 1,868   | 1,963   | 607                  | 708    | 700    | 734    | 837    |
| Georgia <sup>4</sup> -----              | 4,545                  | 5,442   | 5,701   | 5,908   | 6,285   | 1,006                | 1,983  | 2,067  | 1,955  | 2,223  |
| Florida-----                            | 3,973                  | 4,343   | 4,330   | 5,107   | 5,668   | 1,516                | 1,774  | 2,105  | 2,357  | 2,669  |
| <b>East South Central:</b>              |                        |         |         |         |         |                      |        |        |        |        |
| Kentucky-----                           | 3,259                  | 3,399   | 3,349   | 3,170   | 3,125   | 1,365                | 1,611  | 1,470  | 1,500  | 1,477  |
| Tennessee-----                          | 2,780                  | 2,706   | 2,723   | 2,713   | 2,657   | 1,088                | 984    | 931    | 931    | 956    |
| Alabama <sup>5</sup> -----              | 4,454                  | 5,255   | 5,222   | 5,407   | 5,224   | 2,514                | 3,075  | 3,065  | 3,045  | 2,886  |
| Mississippi-----                        | 2,158                  | 1,970   | 2,080   | 2,011   | 1,967   | 753                  | 657    | 737    | 610    | 657    |
| <b>West South Central:</b>              |                        |         |         |         |         |                      |        |        |        |        |
| Arkansas-----                           | 1,541                  | 1,665   | 1,751   | 1,721   | 1,776   | 695                  | 790    | 787    | 752    | 814    |
| Louisiana-----                          | 2,074                  | 2,842   | 3,026   | 3,220   | 3,363   | 1,164                | 1,173  | 1,342  | 1,288  | 1,499  |
| Oklahoma-----                           | 2,401                  | 2,479   | 2,600   | 2,664   | 2,666   | 1,133                | 1,196  | 1,237  | 1,248  | 1,298  |
| Texas-----                              | 6,424                  | 8,509   | 8,622   | 9,268   | 10,091  | 2,996                | 3,900  | 3,947  | 4,051  | 4,325  |
| <b>Mountain:</b>                        |                        |         |         |         |         |                      |        |        |        |        |
| Montana-----                            | 595                    | 674     | 529     | 586     | 596     | 410                  | 399    | 382    | 421    | 453    |
| Idaho-----                              | 514                    | 511     | 520     | 526     | 538     | 290                  | 295    | 233    | 251    | 262    |
| Wyoming-----                            | 410                    | 326     | 345     | 326     | 352     | 237                  | 244    | 231    | 206    | 244    |
| Colorado-----                           | 1,490                  | 1,783   | 1,800   | 1,912   | 2,006   | 957                  | 1,020  | 929    | 949    | 1,001  |
| New Mexico-----                         | 705                    | 629     | 724     | 764     | 888     | 437                  | 426    | 403    | 375    | 475    |
| Arizona-----                            | 378                    | 1,007   | 1,055   | 1,118   | 1,238   | 452                  | 537    | 540    | 609    | 680    |
| Utah-----                               | 562                    | 560     | 554     | 602     | 567     | 239                  | 167    | 168    | 207    | 195    |
| Nevada-----                             | 240                    | 349     | 373     | 370     | 352     | 172                  | 209    | 218    | 202    | 198    |
| <b>Pacific:</b>                         |                        |         |         |         |         |                      |        |        |        |        |
| Washington-----                         | 2,290                  | 2,438   | 2,443   | 2,468   | 2,422   | 933                  | 887    | 805    | 734    | 754    |
| Oregon-----                             | 1,534                  | 1,516   | 1,552   | 1,557   | 1,400   | 689                  | 609    | 641    | 608    | 638    |
| California-----                         | 11,056                 | 14,572  | 15,230  | 15,532  | 16,918  | 3,122                | 4,232  | 3,638  | 4,432  | 4,801  |

<sup>1</sup> Not included in State figures.

<sup>2</sup> Beginning 1957 excludes misdemeanant prisoners received from court into Adult Correctional Institutions.

<sup>3</sup> Covers only the New Castle County workhouse through 1955; beginning July 1, 1956, also includes the Kent and Sussex County workhouses which were united with it to form a State correctional system.

<sup>4</sup> Includes only prisoners liable to imprisonment in Georgia State Prison.

<sup>5</sup> Beginning June 20, 1957, excludes misdemeanant prisoners received from court.

SOURCE: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin No. 19.

PRISONERS

No. 199. AVERAGE TIME SERVED BY PRISONERS RELEASED FROM FEDERAL INSTITUTIONS FOR FIRST TIME, BY OFFENSE: 1958

[For year ending June 30. Excludes 379 first releases other than by parole, expiration of sentence, and mandatory release, and excludes 431 parole releases of offenders sentenced under the Youth Corrections Act. In computing averages, sentences to life and to more than 45 years were counted as 45 years; minority sentences of juvenile delinquents were counted from date of sentence to 21st birthday]

| OFFENSE   | ALL FIRST RELEASES |                           |                     |                             | BY PAROLE     |                           |                     |                             | BY OTHER TYPES OF RELEASE |                           |                     |                             |
|---|--------------------|---------------------------|---------------------|-----------------------------|---------------|---------------------------|---------------------|-----------------------------|---------------------------|---------------------------|---------------------|-----------------------------|
|   | Number             | Average sentence (months) | Average time served |                             | Number        | Average sentence (months) | Average time served |                             | Number                    | Average sentence (months) | Average time served |                             |
|   |                    |                           | Months              | Percent of average sentence |               |                           | Months              | Percent of average sentence |                           |                           | Months              | Percent of average sentence |
| <b>Total offenses.....</b>                                    | <b>13, 629</b>     | <b>26.1</b>               | <b>16.7</b>         | <b>64.0</b>                 | <b>3, 548</b> | <b>35.6</b>               | <b>15.6</b>         | <b>43.8</b>                 | <b>10, 081</b>            | <b>22.8</b>               | <b>17.0</b>         | <b>74.6</b>                 |
| Counterfeiting.....   | 72                 | 38.1                      | 24.4                | 64.0                        | 25            | 30.4                      | 13.3                | 43.8                        | 47                        | 42.2                      | 30.4                | 72.0                        |
| Drug laws.....  | 1, 175             | 42.4                      | 27.3                | 64.4                        | 312           | 44.7                      | 19.8                | 44.3                        | 863                       | 41.5                      | 30.0                | 72.3                        |
| Embezzlement.....   | 1, 170             | 21.9                      | 10.4                | 47.5                        | 124           | 23.8                      | 10.9                | 42.2                        | 46                        | 11.4                      | 8.1                 | 79.8                        |
| Forgery.....  | 1, 175             | 22.8                      | 13.8                | 63.3                        | 200           | 26.7                      | 12.8                | 47.9                        | 973                       | 22.0                      | 16.5                | 75.0                        |
| Fraud.....  | 237                | 20.5                      | 13.3                | 64.9                        | 70            | 23.2                      | 10.6                | 45.7                        | 167                       | 19.4                      | 14.4                | 74.2                        |
| Immigration.....  | 1, 358             | 10.1                      | 7.7                 | 76.2                        | 108           | 15.2                      | 6.9                 | 45.4                        | 1, 250                    | 9.6                       | 7.8                 | 81.3                        |
| Impersonating Federal officer.....                            | 67                 | 19.5                      | 14.1                | 72.3                        | 10            | 18.4                      | 8.0                 | 32.2                        | 57                        | 19.7                      | 14.6                | 75.9                        |
| Income tax.....   | 178                | 16.6                      | 9.8                 | 59.0                        | 64            | 17.9                      | 8.1                 | 46.3                        | 114                       | 11.8                      | 7.5                 | 79.7                        |
| Juvenile delinquency.....                                     | 770                | 33.6                      | 18.0                | 53.0                        | 500           | 37.2                      | 16.3                | 43.5                        | 270                       | 30.9                      | 21.8                | 72.5                        |
| Kidnaping.....  | 34                 | 183.6                     | 98.3                | 54.1                        | 14            | 233.4                     | 113.1               | 45.1                        | 20                        | 133.4                     | 88.2                | 66.1                        |
| Larceny—theft.....  | 3, 451             | 25.8                      | 18.3                | 70.9                        | 605           | 25.9                      | 12.8                | 49.4                        | 2, 846                    | 25.8                      | 19.5                | 75.6                        |
| Transportation, etc., of stolen motor vehicle.....            | 2, 420             | 27.5                      | 19.6                | 71.3                        | 406           | 28.0                      | 14.2                | 50.7                        | 2, 014                    | 27.4                      | 20.7                | 75.5                        |
| Liquor laws.....  | 2, 030             | 14.1                      | 9.2                 | 65.2                        | 677           | 16.5                      | 7.4                 | 44.8                        | 1, 353                    | 12.9                      | 10.0                | 77.5                        |
| Robbery.....  | 1, 136             | 68.5                      | 53.2                | 54.0                        | 66            | 103.6                     | 49.7                | 41.2                        | 70                        | 85.8                      | 63.1                | 67.3                        |
| Securities, transporting false or forged.....                 | 245                | 31.1                      | 21.8                | 70.1                        | 28            | 34.0                      | 15.5                | 45.6                        | 217                       | 30.7                      | 22.6                | 73.6                        |
| Selective Service Act.....                                    | 196                | 24.5                      | 11.2                | 45.7                        | 148           | 27.1                      | 10.8                | 39.9                        | 48                        | 16.3                      | 12.5                | 76.7                        |
| Wearing military uniform illegally.....                       | 48                 | 12.1                      | 9.2                 | 76.0                        | 3             | 24.0                      | 12.7                | 52.9                        | 45                        | 11.3                      | 9.0                 | 79.6                        |
| White slave traffic.....                                      | 187                | 32.0                      | 21.3                | 66.6                        | 43            | 36.4                      | 16.5                | 45.3                        | 144                       | 30.7                      | 22.8                | 74.3                        |
| Other and unclassifiable.....                                 | 554                | 27.1                      | 17.4                | 64.2                        | 145           | 33.5                      | 14.2                | 42.4                        | 409                       | 22.8                      | 18.5                | 81.1                        |
| District of Columbia cases.....                               | 147                | 69.7                      | 34.5                | 49.5                        | 98            | 59.7                      | 21.1                | 35.3                        | 49                        | 89.6                      | 61.3                | 68.4                        |
| Government reservation, high seas, and territorial cases..... | 1, 111             | 12.4                      | 7.8                 | 62.9                        | 126           | 44.9                      | 19.9                | 44.3                        | 985                       | 8.3                       | 6.2                 | 74.7                        |
| Military court-martial cases.....                             | 279                | 102.4                     | 52.8                | 51.6                        | 152           | 125.0                     | 51.2                | 41.0                        | 127                       | 74.9                      | 54.7                | 73.0                        |

Source: Department of Justice, Bureau of Prisons; annual report, *Federal Prisons*.

### No. 200. SENTENCED FEDERAL PRISONERS RECEIVED FROM THE COURTS, BY OFFENSE: 1937 TO 1958

[For years ending June 30. Data for all Federal prisoners; some committed to non-Federal institutions]

| OFFENSE   | 1937          | 1940          | 1945          | 1950          | 1955          | 1956          | 1957          | 1958          |
|---|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>Total</b> .....  | <b>24,202</b> | <b>23,003</b> | <b>21,200</b> | <b>18,063</b> | <b>20,013</b> | <b>16,700</b> | <b>16,733</b> | <b>16,857</b> |
| Counterfeiting and forgery.....                                     | 1,486         | 1,689         | 673           | 1,534         | 1,714         | 1,626         | 1,587         | 1,615         |
| Drug laws.....  | 1,866         | 2,250         | 1,134         | 2,029         | 1,694         | 1,514         | 1,687         | 1,567         |
| Marihuana.....  | (1)           | 550           | 454           | 878           | 457           | 325           | 414           | 303           |
| Narcotics.....  | (1)           | 1,700         | 680           | 1,151         | 1,237         | 1,189         | 1,273         | 1,264         |
| Embezzlement and fraud.....   | 510           | 750           | 340           | 609           | 487           | 453           | 515           | 540           |
| Immigration.....  | 2,802         | 2,270         | 3,996         | 3,463         | 4,952         | 1,771         | 1,556         | 1,654         |
| Income tax.....   | (1)           | (1)           | 15            | 164           | 237           | 241           | 251           | 189           |
| Juvenile delinquency.....   | 44            | 216           | 911           | 658           | 734           | 825           | 963           | 953           |
| Kidnaping.....  | 44            | 37            | 20            | 41            | 37            | 19            | 34            | 26            |
| Liquor laws.....  | 12,238        | 10,735        | 2,988         | 2,304         | 2,294         | 2,183         | 2,376         | 2,378         |
| Robbery.....  | (1)           | 117           | 45            | 92            | 252           | 212           | 211           | 242           |
| Theft from interstate commerce.....                                 | 808           | 313           | 475           | 270           | 342           | 318           | 310           | 292           |
| Transportation, etc., of stolen motor vehicle.....                  | 1,312         | 1,512         | 1,072         | 2,486         | 2,989         | 2,835         | 3,020         | 3,295         |
| White slave traffic.....  | 370           | 378           | 209           | 185           | 240           | 206           | 195           | 134           |
| Government reservation, D.C., high seas, and territorial cases..... | 1,083         | 1,021         | 986           | 1,145         | 1,458         | 1,365         | 1,592         | 1,607         |
| Other.....  | 2,203         | 1,759         | 1,748         | 2,104         | 1,973         | 1,882         | 1,941         | 1,914         |
| National security offenses.....                                     | 30            | 56            | 6,588         | 979           | 610           | 1,250         | 495           | 391           |
| Selective Service Acts.....   |               |               | 2,613         | 136           | 214           | 136           | 194           | 197           |
| Other national-defense security laws.....                           | (1)           | 11            | 2,150         | 130           | 152           | 132           | 108           | 104           |
| Military court-martial cases:                                       |               |               |               |               |               |               |               |               |
| Army.....   | 30            | 45            | 1,793         | 606           | 219           | 952           | 166           | 82            |
| Navy.....   |               |               | 32            | 107           | 25            | 30            | 27            | 8             |

<sup>1</sup> Not classified separately.

Source: Department of Justice, Bureau of Prisons; annual report, *Federal Prisons*.

### No. 201. FEDERAL PRISONERS BY NUMBER OF PREVIOUS COMMITMENTS, BY OFFENSE: 1958

[For year ending June 30. Known previous commitments under sentence, of prisoners committed to Federal institutions under sentence of more than 1 year]

| OFFENSE  | Total committed | WITH KNOWN PREVIOUS COMMITMENTS |                            |              |              |                | Without known previous commitments |
|--|-----------------|---------------------------------|----------------------------|--------------|--------------|----------------|------------------------------------|
|  |                 | Total                           |                            | With 1       | With 2       | With 3 or more |                                    |
|  |                 | Number                          | Percent of total committed |              |              |                |                                    |
| <b>Total offenses</b> .....  | <b>10,523</b>   | <b>6,871</b>                    | <b>66.6</b>                | <b>2,088</b> | <b>1,497</b> | <b>3,286</b>   | <b>3,452</b>                       |
| Counterfeiting.....  | 55              | 40                              | 72.7                       | 18           | 7            | 15             | 15                                 |
| Drug laws.....   | 1,377           | 868                             | 62.3                       | 262          | 185          | 411            | 519                                |
| Embezzlement.....  | 111             | 18                              | 16.2                       | 11           | 2            | 5              | 93                                 |
| Forgery.....   | 1,021           | 763                             | 74.7                       | 186          | 153          | 424            | 258                                |
| Fraud.....   | 168             | 77                              | 45.8                       | 26           | 15           | 36             | 91                                 |
| Immigration.....   | 295             | 241                             | 81.7                       | 48           | 33           | 160            | 54                                 |
| Impersonating Federal officer.....                                 | 35              | 30                              | 85.7                       | 9            | 4            | 17             | 5                                  |
| Income tax.....  | 65              | 15                              | 23.1                       | 5            | 4            | 6              | 50                                 |
| Juvenile delinquency.....  | 812             | 332                             | 40.9                       | 207          | 83           | 42             | 480                                |
| Kidnaping.....   | 21              | 17                              | 81.0                       | 6            | 6            | 5              | 4                                  |
| Larceny—theft.....   | 3,539           | 2,737                           | 77.3                       | 724          | 613          | 1,400          | 802                                |
| Transportation, etc., of stolen motor vehicle.....                 | 2,785           | 2,189                           | 78.6                       | 589          | 512          | 1,088          | 596                                |
| Liquor laws.....   | 1,221           | 818                             | 67.0                       | 273          | 192          | 353            | 403                                |
| Robbery.....   | 222             | 145                             | 65.3                       | 43           | 31           | 71             | 77                                 |
| Securities, transporting false or forged.....                      | 210             | 167                             | 79.5                       | 40           | 32           | 95             | 43                                 |
| Selective Service Acts.....  | 142             | 17                              | 12.0                       | 9            | 6            | 2              | 125                                |
| Wearing military uniform illegally.....                            | 25              | 22                              | 88.0                       | 4            | 5            | 13             | 3                                  |
| White slave traffic.....   | 108             | 82                              | 75.9                       | 20           | 19           | 43             | 26                                 |
| Other and unclassifiable.....                                      | 312             | 208                             | 66.5                       | 66           | 42           | 100            | 104                                |
| Government reservation, D.C., high seas and territorial cases..... | 494             | 243                             | 50.2                       | 115          | 56           | 77             | 246                                |
| Military court-martial cases.....                                  | 90              | 36                              | 40.0                       | 16           | 9            | 11             | 54                                 |

Source: Department of Justice, Bureau of Prisons; annual report, *Federal Prisons*.

No. 202. PRISONERS EXECUTED UNDER CIVIL AUTHORITY, BY OFFENSE AND RACE: 1930 TO 1958

[Excludes executions by military authorities. The Army (including the Air Force) carried out 158: 148 between 1942 and 1950, 3 each in 1954, 1955, and 1957, and 1 in 1958; 105 of 158 were executed for murder (including 21 involving rape), 52 for rape, and 1 for desertion. The Navy carried out no executions during the period.]

| YEAR           | ALL OFFENSES |       |       |                    | MURDER <sup>2</sup> |       |       | RAPE  |       |       | OTHER OFFENSES <sup>3</sup> |       |       |
|----------------|--------------|-------|-------|--------------------|---------------------|-------|-------|-------|-------|-------|-----------------------------|-------|-------|
|                | Total        | White | Negro | Other <sup>1</sup> | Total               | White | Negro | Total | White | Negro | Total                       | White | Negro |
| All years..... | 3,616        | 1,637 | 1,938 | 41                 | 3,136               | 1,562 | 1,535 | 418   | 41    | 375   | 62                          | 34    | 28    |
| 1930-1939..... | 1,666        | 827   | 816   | 23                 | 1,513               | 803   | 687   | 125   | 10    | 115   | 28                          | 14    | 14    |
| 1940.....      | 124          | 49    | 75    | ---                | 105                 | 44    | 61    | 15    | 2     | 13    | 4                           | 3     | 1     |
| 1941.....      | 123          | 50    | 63    | 1                  | 102                 | 55    | 46    | 20    | 4     | 16    | 1                           | ---   | 1     |
| 1942.....      | 147          | 67    | 80    | ---                | 116                 | 57    | 50    | 24    | 4     | 20    | 7                           | 6     | 1     |
| 1943.....      | 131          | 54    | 74    | 3                  | 118                 | 54    | 63    | 13    | ---   | 11    | ---                         | ---   | ---   |
| 1944.....      | 120          | 47    | 70    | 3                  | 96                  | 45    | 48    | 24    | 2     | 22    | ---                         | ---   | ---   |
| 1945.....      | 117          | 41    | 75    | 1                  | 90                  | 37    | 52    | 26    | 4     | 22    | 1                           | ---   | 1     |
| 1946.....      | 131          | 46    | 84    | 1                  | 107                 | 45    | 61    | 22    | ---   | 22    | 2                           | 1     | 1     |
| 1947.....      | 152          | 42    | 110   | ---                | 128                 | 40    | 88    | 23    | 2     | 21    | 1                           | ---   | 1     |
| 1948.....      | 119          | 35    | 82    | 2                  | 95                  | 32    | 61    | 22    | 1     | 21    | 2                           | 2     | ---   |
| 1949.....      | 119          | 50    | 67    | 2                  | 107                 | 49    | 50    | 10    | ---   | 10    | 2                           | 1     | 1     |
| 1950.....      | 82           | 40    | 42    | ---                | 68                  | 36    | 32    | 13    | 4     | 9     | 1                           | ---   | 1     |
| 1951.....      | 105          | 57    | 47    | 1                  | 87                  | 55    | 31    | 17    | 2     | 15    | 1                           | ---   | 1     |
| 1952.....      | 83           | 36    | 47    | ---                | 71                  | 35    | 36    | 12    | 1     | 11    | ---                         | ---   | ---   |
| 1953.....      | 62           | 30    | 31    | 1                  | 51                  | 25    | 25    | 7     | 1     | 6     | 4                           | 4     | ---   |
| 1954.....      | 81           | 38    | 42    | 1                  | 71                  | 37    | 33    | 9     | 1     | 8     | 1                           | ---   | 1     |
| 1955.....      | 76           | 44    | 32    | ---                | 65                  | 41    | 24    | 7     | 1     | 6     | 4                           | 2     | 2     |
| 1956.....      | 65           | 21    | 43    | 1                  | 52                  | 20    | 31    | 12    | ---   | 12    | 1                           | 1     | ---   |
| 1957.....      | 65           | 34    | 31    | ---                | 54                  | 32    | 22    | 10    | 2     | 8     | 1                           | ---   | 1     |
| 1958.....      | 48           | 20    | 27    | 1                  | 40                  | 20    | 19    | 7     | ---   | 7     | 1                           | ---   | ---   |

<sup>1</sup> All were for murder except 2 for rape in 1943. <sup>2</sup> Includes 20 females; 18 white, 11 Negro.  
<sup>3</sup> 22 armed robbery, 17 kidnaping, 11 burglary, 8 espionage (6 in 1942 and 2 in 1953), 4 aggravated assault.  
<sup>4</sup> Includes 2 females, both executed in 1953, 1 for kidnaping and 1 for espionage.

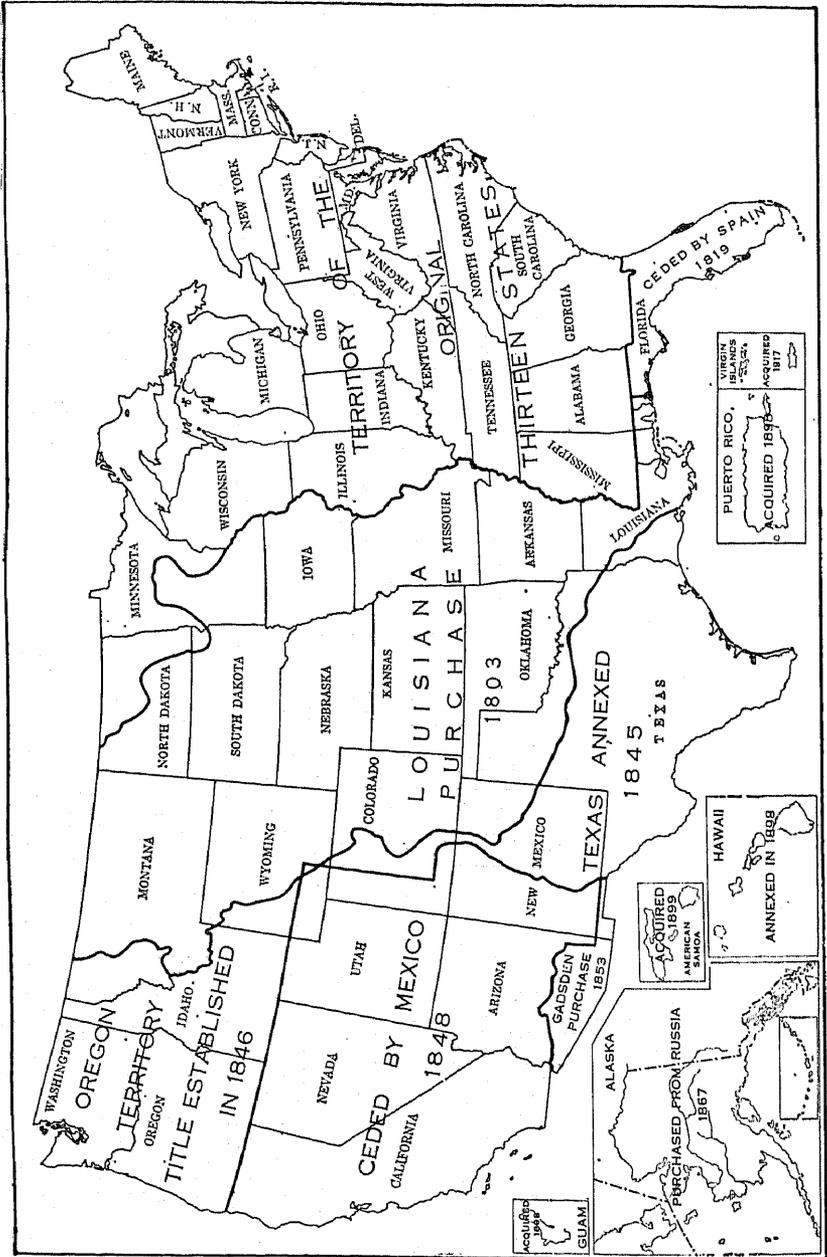
Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin No. 20.

No. 203. PRISONERS EXECUTED UNDER CIVIL AUTHORITY, BY RACE, BY STATES: 1956 TO 1958

| STATE                     | 1956  |       |       | 1957  |       |       | 1958  |       |       |
|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                           | Total | White | Negro | Total | White | Negro | Total | White | Negro |
| Total.....                | 1265  | 121   | 43    | 165   | 134   | 31    | 248   | 20    | 27    |
| Alabama.....              | 1     | ---   | 1     | 2     | 1     | 1     | 1     | ---   | 1     |
| Arizona.....              | 1     | ---   | ---   | 1     | 1     | ---   | 2     | 1     | 1     |
| Arkansas.....             | ---   | ---   | 1     | ---   | ---   | ---   | ---   | ---   | ---   |
| California.....           | 25    | 1     | 3     | 9     | 0     | ---   | 26    | 3     | 2     |
| Colorado.....             | 1     | 1     | ---   | 1     | 1     | ---   | ---   | ---   | ---   |
| District of Columbia..... | ---   | ---   | ---   | 1     | ---   | ---   | ---   | ---   | ---   |
| Florida.....              | 7     | 1     | 6     | 3     | 2     | 1     | 3     | 2     | 1     |
| Georgia.....              | 6     | 1     | 5     | 14    | 4     | 10    | 6     | 1     | 5     |
| Idaho.....                | ---   | ---   | ---   | 1     | 1     | ---   | ---   | ---   | ---   |
| Illinois.....             | ---   | ---   | ---   | ---   | ---   | ---   | 1     | 1     | ---   |
| Kentucky.....             | 3     | ---   | 3     | ---   | ---   | ---   | ---   | ---   | ---   |
| Louisiana.....            | 1     | ---   | 1     | 7     | 1     | 6     | 2     | ---   | 2     |
| Maryland.....             | ---   | ---   | ---   | 1     | 1     | ---   | 1     | ---   | ---   |
| Mississippi.....          | 8     | ---   | 8     | 2     | 1     | 1     | 3     | 1     | 2     |
| Missouri.....             | ---   | ---   | ---   | 1     | 1     | ---   | ---   | ---   | ---   |
| New Jersey.....           | 1     | ---   | 1     | ---   | ---   | ---   | ---   | ---   | ---   |
| New Mexico.....           | 1     | 1     | ---   | ---   | ---   | ---   | 4     | ---   | 1     |
| New York.....             | 6     | 5     | 1     | 4     | 3     | 1     | 4     | 3     | 1     |
| North Carolina.....       | 1     | 1     | 1     | 1     | ---   | 1     | 2     | ---   | 2     |
| Ohio.....                 | 4     | 2     | 2     | 1     | ---   | 1     | 6     | 2     | 4     |
| Oklahoma.....             | 1     | ---   | ---   | 2     | 2     | ---   | ---   | ---   | ---   |
| Pennsylvania.....         | 2     | 1     | 1     | 2     | ---   | ---   | ---   | ---   | ---   |
| South Carolina.....       | 4     | ---   | 4     | 2     | ---   | 2     | ---   | ---   | ---   |
| Tennessee.....            | ---   | ---   | ---   | 2     | 1     | 1     | ---   | ---   | ---   |
| Texas.....                | 7     | 2     | 5     | 5     | 3     | 2     | 0     | ---   | 3     |
| Utah.....                 | 2     | 2     | ---   | ---   | ---   | ---   | 1     | 1     | ---   |
| Virginia.....             | ---   | ---   | ---   | 2     | ---   | 2     | 3     | ---   | 3     |
| Washington.....           | 1     | 1     | ---   | 1     | 1     | ---   | ---   | ---   | ---   |
| West Virginia.....        | 1     | ---   | ---   | ---   | ---   | ---   | 2     | 2     | ---   |

<sup>1</sup> Includes Federal executions not shown by State (1 in 1956 and 2 in 1957).  
<sup>2</sup> Includes 1 American Indian in 1956 and 1 Filipino in 1958.  
Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin Nos. 16, 18, and 20.

FIG. XII. TERRITORIAL EXPANSION OF CONTINENTAL UNITED STATES AND ACQUISITIONS OF OTHER PRINCIPAL AREAS [See table 204]



Source: Department of Commerce, Bureau of the Census.

## Section 6

### Area, Geography, and Climate

Statistics in this section relate to area, climatological, topographic, and hydrologic measurements of the United States. There are few official publications other than those showing area measurements issued infrequently by the Bureau of the Census, which present area and geography statistics of national scope. However, many data are compiled by Federal Government agencies, such as the Geological Survey, the Coast and Geodetic Survey, and the Weather Bureau, which are primarily for particular regions or are collected for internal administrative purposes.

**Area.**—Area measurements in the United States began with measurements for the country as a whole and developed, as mapping progressed, to measurements for the States.

The annual report of the U.S. General Land Office for 1850 contained the first reference to the areas of the several States and Territories, although there was no indication of the method used in obtaining these measurements. The General Land Office was practically the sole source of information concerning the areas of the States and Territories until 1881.

The Bureau of the Census in 1881, as a part of the 1880 Census of Population, laid the foundation for accurate and detailed area measurement in the United States. For the first time an account was given of the method and maps employed, the water bodies included, and the outer limits of the United States used as a basis for measurement.

The same Bureau, in 1940 in its publication *Areas of the United States: 1940* presented the first basic measurement of the United States since its work in 1880. The data presented in that study cover the total land and water areas of the States, counties, cities, and minor civil divisions.

**Geography.**—The Geological Survey, cooperating with State agencies, is responsible for topographic and geologic maps and for basic data concerning the quantity, quality, and movement of surface and ground water.

The Bureau of Land Management conducts cadastral surveys.

The Coast and Geodetic Survey has responsibility for coastal and geodetic surveys and measurement of certain physical phenomena. Authorized in 1807, this agency's original function was to survey and chart the coast of the United States and the outlying islands and fishing banks. In 1871, Congress authorized an extension of the geodetic surveys from coast to coast to provide the States with reference markers for the control of their topographic and geologic mapping and their boundary surveys, and to provide data for use by the Geological Survey and other agencies. Since 1927 the Coast and Geodetic Survey has also been charged with the preparation of aeronautical charts for the United States and possessions.

A civil mapping activity of the Corps of Engineers, the U.S. Lake Survey, was established in 1841. Its primary function is to furnish Great Lakes navigators with reliable charts and information regarding harbor facilities. It also maintains records of the fluctuating levels of the lakes, the flow through connecting rivers, the precipitation over the lakes, and reports on all hydraulic problems relating to the Great Lakes.

**Climate.**—The Weather Bureau is responsible for essentially all meteorologic data. It collects, processes, and publishes climatological data. This Bureau maintains about

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Note.—This section presents data for the most recent year or period available on February 25, 1959, when the material was organized and sent to the printer.

11,000 weather stations. Of this number nearly 3,000 stations produce autographic precipitation records, about 600 take automatic or hourly readings of a series of weather elements, and the remainder record one observation a day. There are few records in existence for stations before 1871 although some earlier and less detailed records began in the 18th century.

Nearly all weather stations have been moved several times in their history. Consequently, the Weather Bureau has adopted the practice of using "normal" values of temperature and precipitation for comparative purposes rather than long-term means which are derived from records taken at the several different locations the stations may have had over the years.

Normal values of temperature and precipitation are based on records for the 30-year period 1921 to 1950, inclusive. Where a station had a record for the entire 30 years from the same instrument site, monthly precipitation normals are the mean of the monthly values for the 30 years. For such stations, the temperature normals were obtained in a similar manner, using normal maximum and normal minimum values to obtain monthly normals. The annual normal temperature is obtained by dividing the sum of the annual normal maximum value and the annual normal minimum value for temperature by 2.

For stations that did not have continuous records from the same instrument site for the entire 30 years, 1921 to 1950, the means have been adjusted to the record at the present site. In these adjustments, a "difference factor" was used for temperature and a "ratio factor" for precipitation. These factors were determined by parallel comparison, either between records at the actual station sites or through a second station that had a continuous record to compare against both sites for obtaining the resultant adjusting factors. Normals were thereafter obtained as outlined above.

This system of normals has three characteristics: (1) The 30-year period (1921 to 1950) adopted for the computations is consistent with the term of years accepted by the World Meteorological Organization for climatic normals; (2) where the station and exposure for records in a given locality have been changed, the whole record has been carefully studied and adjusted to the latest source of records and reports; (3) the normals for maximum and minimum temperatures are separately tabulated and made available for the first time.

The degree-day normals are derived from the values for the monthly normal maximum and minimum temperatures, and are computed on the standard base 65° F. The degree day has been defined as follows: "A unit, based upon temperature difference and time, used in estimating fuel consumption and specifying nominal heating load in winter. For any one day, when the mean temperature is less than 65° F., there exist as many degree days as there are Fahrenheit degrees difference in the temperature between the average temperature for the day and 65° F."

**Historical statistics.**—Tabular headnotes (as "See also *Historical Statistics, 1789-1945*, series B 24-25") provide cross-references, where applicable, to *Historical Statistics of the United States, 1789-1945*, and its *Continuation to 1952*. See preface.

No. 204. TERRITORIAL EXPANSION OF CONTINENTAL UNITED STATES AND ACQUISITIONS OF OTHER AREAS

[Boundaries of all territories listed under "Continental United States" were indefinite, at least in part, at time of acquisition. Area figures shown here represent precise determinations of specific territories which have been marked upon maps, based upon interpretations of the several treaties of cession which are necessarily debatable. These determinations were made by a committee consisting of representatives of various governmental agencies in 1912. Subsequently these figures were adjusted to bring them into agreement with remeasurements made in 1940. See also *Historical Statistics, 1789-1946*, series B 24-25]

| ACCESSION                            | Date | Gross area (land and water) | ACCESSION   | Date | Gross area (land and water) |
|--------------------------------------|------|-----------------------------|---|------|-----------------------------|
| <b>Total</b> .....                   |      | <i>Sq. mi.</i><br>3,628,130 | <b>Other:</b>   |      | <i>Sq. mi.</i><br>115,600   |
| Continental United States.....       |      | 3,022,387                   | <i>The Philippines</i> <sup>2</sup> .....                 | 1898 | 3,435                       |
| Territory in 1790 <sup>1</sup> ..... |      | 888,811                     | Puerto Rico.....  |      | 206                         |
| Louisiana Purchase.....              | 1803 | 827,102                     | Guam.....   |      | 76                          |
| By treaty with Spain:                |      |                             | American Samoa.....                                       |      | 553                         |
| Florida.....                         | 1819 | 58,500                      | Canal Zone <sup>6</sup> .....                             |      | 4                           |
| Other areas.....                     | 1819 | 13,443                      | Virgin Islands of the U.S.....                            |      | 133                         |
| Texas.....                           | 1845 | 390,144                     | Trust Territory of the Pacific Islands <sup>7</sup> ..... | 1947 | 8,475                       |
| Oregon.....                          | 1846 | 285,580                     | All other <sup>8</sup> .....                              |      | 38                          |
| Mexican Cession.....                 | 1848 | 529,017                     |   |      |                             |
| Gadsden Purchase.....                | 1853 | 29,640                      |   |      |                             |
| Alaska.....                          | 1867 | 586,400                     |   |      |                             |
| Hawaii.....                          | 1898 | 6,423                       |   |      |                             |

<sup>1</sup> Includes that part of drainage basin of Red River of the North, south of 49th parallel, sometimes considered part of Louisiana Purchase.

<sup>2</sup> Not included in total. Ceded by Spain in 1898, the Philippines constituted a territorial possession of the United States from 1898 to 1946. Granted independence as of July 4, 1946, they then became the Republic of the Philippines.

<sup>3</sup> Acquired 1898; ratified 1899.

<sup>4</sup> Acquired 1899; ratified 1900.

<sup>5</sup> Under jurisdiction of United States in accordance with treaty of Nov. 18, 1903, with Republic of Panama.

<sup>6</sup> Leased (1914) from Republic of Nicaragua for 99 years. <sup>7</sup> Under trusteeship. See table 4, footnote 17.

<sup>8</sup> Comprises following islands with gross areas as indicated: Midway (2), Wake (3), Canton and Enderbury (combined area, 27), Swan (1), Navassa (2), Baker, Howland, and Jarvis (combined area, 3), Johnston and Sand (combined area, less than 0.5), Kingman Reef, Quita Sueno Bank, Roncador Cay, and Serrano Bank (each less than 0.5), and other islands specified in table 4, footnote 10, for which area figures are not available.

Source: Department of Commerce, Bureau of the Census; reports and records.

No. 205. COASTLINE OF THE UNITED STATES, BY STATES

[In miles]

| STATE                | General coast-line <sup>1</sup> | TIDAL SHORELINE      |                       | STATE               | General coast-line <sup>1</sup> | TIDAL SHORELINE      |                       |
|----------------------|---------------------------------|----------------------|-----------------------|---------------------|---------------------------------|----------------------|-----------------------|
|                      |                                 | General <sup>2</sup> | Detailed <sup>3</sup> |                     |                                 | General <sup>2</sup> | Detailed <sup>3</sup> |
| U.S. incl. Alaska... | 11,480                          | 28,009               | 87,581                | Atlantic coast—Con. |                                 |                      |                       |
| U.S. excl. Alaska... | 4,840                           | 12,877               | 53,677                | South Carolina..... | 187                             | 768                  | 2,876                 |
| Atlantic coast.....  | 1,888                           | 6,370                | 28,377                | Virginia.....       | 112                             | 567                  | 3,315                 |
| Connecticut.....     |                                 | 96                   | 618                   | Gulf coast.....     | 1,659                           | 4,097                | 17,437                |
| Delaware.....        | 28                              | 79                   | 381                   | Alabama.....        | 53                              | 199                  | 607                   |
| Florida.....         | 399                             | 618                  | 3,035                 | Florida.....        | 798                             | 1,668                | 5,391                 |
| Georgia.....         | 100                             | 603                  | 2,344                 | Louisiana.....      | 397                             | 985                  | 7,721                 |
| Maine.....           | 228                             | 676                  | 3,478                 | Mississippi.....    | 44                              | 155                  | 359                   |
| Maryland.....        | 31                              | 452                  | 3,190                 | Texas.....          | 367                             | 1,100                | 3,359                 |
| Massachusetts.....   | 192                             | 453                  | 1,519                 | Pacific coast.....  | 1,293                           | 2,410                | 7,863                 |
| New Hampshire.....   | 13                              | 14                   | 131                   | California.....     | 840                             | 1,190                | 3,427                 |
| New Jersey.....      | 130                             | 398                  | 1,792                 | Oregon.....         | 296                             | 312                  | 1,410                 |
| New York.....        | 127                             | 470                  | 1,850                 | Washington.....     | 157                             | 998                  | 3,026                 |
| North Carolina.....  | 301                             | 1,030                | 3,375                 | Alaska.....         | 6,640                           | 15,132               | 33,904                |
| Pennsylvania.....    |                                 |                      | 89                    |                     |                                 |                      |                       |
| Rhode Island.....    | 40                              | 156                  | 384                   |                     |                                 |                      |                       |

<sup>1</sup> Figures are lengths of general outline of seacoast. Measurements made with unit measure of 30 minutes of latitude on charts as near scale of 1:1,200,000 as possible. Shoreline of bays and sounds is included to point where they narrow to width of unit measure, and distance across at such point is included.

<sup>2</sup> Measurements made with unit measure of 3 statute miles on charts of 1:200,000 and 1:400,000 scale when available. Shoreline of bays, sounds, and other bodies of water included to point where they narrow to width of 3 statute miles, and distance across at such point is included.

<sup>3</sup> Figures obtained in 1939-1940 with recording measure on largest scale maps and charts then available. Shoreline of bays, sounds, and other bodies of water included to head of tide-water, or to point where they narrow to width of 100 feet.

Source: Department of Commerce, Coast and Geodetic Survey; *Coastline of the United States*, July 1948, and records.

## No. 206. AREA, BY STATES AND FOR OTHER AREAS: 1950

[Area in square miles. See also table 4]

| STATE OR OTHER AREA                         | Capital          | Year of admission to Statehood | AREA      |            |                   |                    |
|---|------------------|--------------------------------|-----------|------------|-------------------|--------------------|
|   |                  |                                | Total     | Rank order | Land <sup>1</sup> | Water <sup>2</sup> |
| Cont. U.S.                                  |                  |                                | 3,022,387 |            | 2,974,726         | 47,661             |
| <b>New England</b>                          |                  |                                | 66,608    |            | 63,159            | 3,449              |
| Maine                                       | Augusta          | 1820                           | 33,215    | 38         | 31,010            | 2,175              |
| New Hampshire                               | Concord          | 1788                           | 9,304     | 43         | 9,017             | 287                |
| Vermont                                     | Montpelier       | 1791                           | 9,609     | 42         | 9,278             | 331                |
| Massachusetts                               | Boston           | 1788                           | 8,257     | 44         | 7,867             | 390                |
| Rhode Island                                | Providence       | 1790                           | 1,214     | 48         | 1,058             | 155                |
| Connecticut                                 | Hartford         | 1788                           | 5,009     | 46         | 4,890             | 110                |
|   |                  |                                | 102,745   |            | 100,511           | 2,234              |
| <b>Middle Atlantic</b>                      |                  |                                | 49,576    | 29         | 47,944            | 1,632              |
| New York                                    | Albany           | 1787                           | 7,836     | 45         | 7,522             | 314                |
| New Jersey                                  | Trenton          | 1787                           | 45,333    | 32         | 45,045            | 288                |
| Pennsylvania                                | Harrisburg       | 1787                           | 248,283   |            | 244,867           | 3,416              |
| <b>East North Central</b>                   |                  |                                | 41,222    | 34         | 41,000            | 222                |
| Ohio  | Columbus         | 1803                           | 36,291    | 37         | 36,205            | 80                 |
| Indiana                                     | Indianapolis     | 1816                           | 56,400    | 23         | 55,935            | 465                |
| Illinois                                    | Springfield      | 1818                           | 58,216    | 22         | 57,022            | 1,194              |
| Michigan                                    | Lansing          | 1837                           | 56,154    | 25         | 54,705            | 1,449              |
| Wisconsin                                   | Madison          | 1848                           | 517,247   |            | 510,644           | 6,603              |
| <b>West North Central</b>                   |                  |                                | 84,008    | 11         | 80,009            | 4,059              |
| Minnesota                                   | St. Paul         | 1858                           | 56,290    | 24         | 56,045            | 245                |
| Iowa  | Des Moines       | 1840                           | 69,674    | 18         | 69,226            | 448                |
| Missouri                                    | Jefferson City   | 1821                           | 70,065    | 16         | 70,057            | 608                |
| North Dakota                                | Bismarck         | 1889                           | 77,047    | 15         | 76,530            | 517                |
| South Dakota                                | Pierre           | 1889                           | 77,227    | 14         | 76,063            | 564                |
| Nebraska                                    | Lincoln          | 1867                           | 82,276    | 13         | 82,108            | 168                |
| Kansas                                      | Topeka           | 1861                           | 278,902   |            | 268,640           | 10,862             |
| <b>South Atlantic</b>                       |                  |                                | 2,057     | 47         | 1,978             | 79                 |
| Delaware                                    | Dover            | 1787                           | 10,577    | 41         | 9,881             | 696                |
| Maryland                                    | Annapolis        | 1788                           | 61        |            | 61                | 8                  |
| Dist. of Columbia                           |                  |                                | 40,815    | 35         | 39,803            | 922                |
| Virginia                                    | Richmond         | 1788                           | 24,181    | 40         | 24,080            | 101                |
| West Virginia                               | Charleston       | 1863                           | 52,712    | 27         | 49,097            | 3,615              |
| North Carolina                              | Raleigh          | 1788                           | 31,055    | 39         | 30,305            | 750                |
| South Carolina                              | Columbia         | 1788                           | 58,876    | 20         | 58,483            | 393                |
| Georgia                                     | Atlanta          | 1788                           | 58,560    | 21         | 54,262            | 4,298              |
| Florida                                     | Tallahassee      | 1845                           | 181,964   |            | 179,987           | 1,977              |
| <b>East South Central</b>                   |                  |                                | 40,395    | 36         | 39,864            | 531                |
| Kentucky                                    | Frankfort        | 1792                           | 42,244    | 33         | 41,797            | 447                |
| Tennessee                                   | Nashville        | 1796                           | 51,609    | 28         | 51,078            | 531                |
| Alabama                                     | Montgomery       | 1819                           | 47,716    | 31         | 47,248            | 468                |
| Mississippi                                 | Jackson          | 1817                           | 438,885   |            | 430,381           | 8,504              |
| <b>West South Central</b>                   |                  |                                | 53,104    | 26         | 52,675            | 429                |
| Arkansas                                    | Little Rock      | 1836                           | 48,523    | 30         | 46,162            | 3,361              |
| Louisiana                                   | Baton Rouge      | 1812                           | 69,919    | 17         | 69,031            | 888                |
| Oklahoma                                    | Oklahoma City    | 1907                           | 267,339   | 1          | 263,513           | 3,826              |
| Texas                                       | Austin           | 1845                           | 863,887   |            | 857,296           | 6,591              |
| <b>Mountain</b>                             |                  |                                | 147,138   | 3          | 145,878           | 1,260              |
| Montana                                     | Helena           | 1889                           | 83,557    | 12         | 82,769            | 788                |
| Idaho                                       | Boise            | 1890                           | 97,914    | 8          | 97,506            | 408                |
| Wyoming                                     | Cheyenne         | 1890                           | 104,247   | 7          | 103,022           | 325                |
| Colorado                                    | Denver           | 1876                           | 121,066   | 4          | 121,511           | 155                |
| New Mexico                                  | Santa Fe         | 1912                           | 113,909   | 5          | 113,575           | 334                |
| Arizona                                     | Phoenix          | 1912                           | 84,916    | 10         | 82,346            | 2,570              |
| Utah  | Salt Lake City   | 1896                           | 110,540   | 6          | 109,789           | 751                |
| Nevada                                      | Carson City      | 1864                           | 323,866   |            | 319,841           | 4,025              |
| <b>Pacific</b>                              |                  |                                | 68,192    | 19         | 66,786            | 1,406              |
| Washington                                  | Olympia          | 1889                           | 96,981    | 9          | 96,315            | 666                |
| Oregon                                      | Salem            | 1859                           | 168,693   | 2          | 156,740           | 1,953              |
| California                                  | Sacramento       | 1850                           | 586,400   |            | 571,005           | 15,395             |
| Alaska                                      | Juneau           | 1959                           | 6,423     |            | 6,407             | 16                 |
| Hawaii                                      | Honolulu         |                                | 76        |            | 76                |                    |
| American Samoa                              | Pago Pago        |                                | 553       |            | 362               | 191                |
| Canal Zone <sup>4</sup>                     |                  |                                | 206       |            | 203               | 3                  |
| Guam  | Agana            |                                | 3,435     |            | 3,423             | 12                 |
| Puerto Rico                                 | San Juan         |                                | 8,475     |            |                   |                    |
| Trust Terr. of Pacific Islands <sup>5</sup> |                  |                                | 133       |            | 132               | 1                  |
| Virgin Islands of U.S.                      | Charlotte Amalie |                                |           |            |                   |                    |

<sup>1</sup> Dry land and land temporarily or partially covered by water, such as marshland, swamps, and river flood plains; streams, sloughs, estuaries, and canals less than one-eighth of a statute mile in width; and lakes, reservoirs, and ponds less than 40 acres of area.

<sup>2</sup> Permanent inland water surface, such as lakes, reservoirs, and ponds having 40 acres or more of area; streams, sloughs, estuaries, and canals one-eighth of a statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated by less than 1 nautical mile of water; and islands having less than 40 acres of area. Does not include water surface of the oceans, bays, the Gulf of Mexico, the Great Lakes, Long Island Sound, Puget Sound, and the Straits of Juan de Fuca and Georgia, lying within the jurisdiction of the United States but not defined as inland water.

<sup>3</sup> Year of ratification of Constitution; one of the original 13 States.

<sup>4</sup> See table 4, footnote 14.

<sup>5</sup> See table 4, footnote 17.

Source: Department of Commerce, Bureau of the Census; U. S. Census of Population: 1950, Vol. I, reports and records.

**No. 207. WATER AREA, OTHER THAN INLAND WATER, BY PRIMARY BODIES OF WATER, BY STATES**

[In square miles. Includes only that portion of body of water under the jurisdiction of the U.S. Excludes inland waters (see footnote 2, table 206)]

| STATE              | Area          | STATE              | Area   | STATE               | Area   |
|--------------------|---------------|--------------------|--------|---------------------|--------|
| <b>Total</b> ..... | <b>74,364</b> | Louisiana.....     | 1,016  | Ohio.....           | 3,457  |
| Alabama.....       | 500           | Maine.....         | 1,102  | Oregon.....         | 48     |
| California.....    | 69            | Maryland.....      | 1,726  | Pennsylvania.....   | 735    |
| Connecticut.....   | 573           | Massachusetts..... | 959    | Rhode Island.....   | 14     |
| Delaware.....      | 550           | Michigan.....      | 38,575 | South Carolina..... | 138    |
| Florida.....       | 1,735         | Minnesota.....     | 2,212  | Texas.....          | 7      |
| Georgia.....       | 48            | Mississippi.....   | 556    | Virginia.....       | 1,511  |
| Illinois.....      | 1,526         | New Jersey.....    | 384    | Washington.....     | 2,397  |
| Indiana.....       | 228           | New York.....      | 4,376  | Wisconsin.....      | 10,062 |

| BODY OF WATER                            | State               | Area          | BODY OF WATER                     | State            | Area   |
|--|---------------------|---------------|-----------------------------------|------------------|--------|
| <b>Total</b> .....                       |                     | <b>74,364</b> | Gulf of Mexico coastal water..... |                  | 3,837  |
| Atlantic coastal water.....              |                     | 2,298         |                                   | Alabama.....     | 560    |
|  | Florida.....        | 37            |                                   | Florida.....     | 1,608  |
|  | Georgia.....        | 48            |                                   | Louisiana.....   | 1,016  |
|  | Maine.....          | 1,102         |                                   | Mississippi..... | 556    |
|  | Massachusetts.....  | 959           |                                   | Texas.....       | 7      |
|  | Rhode Island.....   | 14            | Lake Michigan.....                | Illinois.....    | 22,178 |
|  | South Carolina..... | 138           |                                   | Indiana.....     | 1,526  |
| Chesapeake Bay.....                      |                     | 3,237         |                                   | Michigan.....    | 228    |
|  | Maryland.....       | 1,726         |                                   | Wisconsin.....   | 13,037 |
|  | Virginia.....       | 1,511         |                                   |                  | 7,387  |
| Delaware Bay.....                        |                     | 665           | New York Harbor.....              |                  | 92     |
|  | Delaware.....       | 350           |                                   | New Jersey.....  | 69     |
|  | New Jersey.....     | 315           |                                   | New York.....    | 23     |
| Lake Erie.....                           |                     | 5,002         | Lake Ontario.....                 | New York.....    | 3,033  |
|  | Michigan.....       | 216           | Pacific coastal water.....        |                  | 343    |
|  | New York.....       | 594           |                                   | California.....  | 69     |
|  | Ohio.....           | 3,457         |                                   | Oregon.....      | 48     |
|  | Pennsylvania.....   | 735           |                                   | Washington.....  | 226    |
| Straits of Georgia and Juan de Fuca..... | Washington.....     | 1,610         | Puget Sound.....                  | Washington.....  | 561    |
| Lake Huron.....                          | Michigan.....       | 8,975         | Lake St. Clair.....               | Michigan.....    | 119    |
| Long Island Sound.....                   |                     | 1,290         | Lake Superior.....                |                  | 21,118 |
|  | Connecticut.....    | 573           |                                   | Michigan.....    | 16,231 |
|  | New York.....       | 726           |                                   | Minnesota.....   | 2,212  |
|  |                     |               |                                   | Wisconsin.....   | 2,675  |

Source: Department of Commerce, Bureau of the Census; *Areas of the United States: 1940.*

**No. 208. LOCATIONS OF EXTREME POINTS OF THE UNITED STATES**

[Excludes islands adjacent to the United States and Alaska]

| EXTREME POINTS                                   | Compass direction | COORDINATES   |               | Distance from geographic center |
|--|-------------------|---------------|---------------|---------------------------------|
|  |                   | Latitude      | Longitude     |                                 |
| United States including Alaska:                  |                   |               |               | <i>Miles</i>                    |
| Butte County, South Dakota.....                  | Center..          | 44°59' N      | 103°38' W     | -----                           |
| Point Barrow, Alaska.....                        | North..           | 71°23' N      | 156°29' W     | 2,574                           |
| West Quoddy Head, Maine.....                     | East..            | 44°49' N      | 66°57' W      | 1,779                           |
| Cape Sable, Florida.....                         | South..           | 25°07' N      | 81°05' W      | 1,850                           |
| Southernmost point in Texas.....                 | South..           | 25°50' N      | 97°24' W      | 1,307                           |
| Cape Prince of Wales, Alaska.....                | West..            | 65°38.5' N    | 168°07' W     | 2,740                           |
| United States excluding Alaska:                  |                   |               |               |                                 |
| Smith County, Kansas.....                        | Center..          | 39°50' N      | 98°35' W      | -----                           |
| The Lake of the Woods projection, Minnesota..... | North..           | 49°23'04.5" N | 95°09'11.6" W | 681                             |
| West Quoddy Head, near Eastport, Maine.....      | East..            | 44°49' N      | 66°57' W      | 1,645                           |
| Cape Sable, Florida.....                         | South..           | 25°07' N      | 81°05' W      | 1,435                           |
| Southernmost point in Texas.....                 | South..           | 25°50' N      | 97°24' W      | 967                             |
| Cape Alava, Washington.....                      | West..            | 48°10' N      | 124°44' W     | 1,416                           |

Note.—The following distances are computed to mean sea level: (a) From West Quoddy Head west along the parallel to the Pacific Ocean is 2,807 miles; (b) from the south point of Texas due north to the 49th parallel is 1,598 miles; and (c) the 2 points farthest apart are Cape Prince of Wales, Alaska, and Mangrove Point, Florida, (a distance of 4,566 miles).

Source: Department of the Interior, Geological Survey; *Boundaries, Areas, Geographic Centers, and Altitudes of the United States and the Several States* (bulletin 817), and records.

## No. 209. LENGTHS OF PRINCIPAL RIVERS

[Includes Alaska. Length represents distance to designated outflow from (a) original head water of named river where name applies to entire length of channel, or (b) upper limit of channel so-named, usually the junction of 2 tributaries or headwater streams]

| RIVER                         | Outflow                              | Length (miles) | RIVER                   | Outflow           | Length (miles) |
|-------------------------------|--------------------------------------|----------------|-------------------------|-------------------|----------------|
| Alabama                       | Mobile River                         | 315            | Missouri                | Mississippi River | 2,466          |
| Allegheny                     | Ohio River                           | 325            | Missouri-Red Rock       | Mississippi River | 2,883          |
| Altamaha-Ocmulgee             | Atlantic Ocean                       | 392            | Mobile-Alabama-Coosa    | Mobile Bay        | 139            |
| Apalachicola-Chattahoochee    | Gulf of Mexico                       | 500            | Neches                  | Sabine Lake       | 280            |
| Arkansas                      | Mississippi River                    | 1,450          | Neosho                  | Arkansas River    | 460            |
| Big Black (Miss.)             | Mississippi River                    | 330            | Neuse                   | Pamlico Sound     | 260            |
| Big Horn                      | Yellowstone River                    | 336            | New                     | Kanawha River     | 255            |
| Black (Mo.-Ark.)              | White River                          | 280            | Niobrara                | Missouri River    | 431            |
| Brazos                        | Gulf of Mexico                       | 870            | Noatak                  | Kotzebue Sound    | 350            |
| Canadian                      | Arkansas River                       | 905            | North Canadian          | Canadian River    | 760            |
| Cape Fear                     | Atlantic Ocean                       | 202            | North Platte            | Platte River      | 618            |
| Cedar (Iowa)                  | Iowa River                           | 329            | Nueces                  | Nueces Bay        | 335            |
| Cheyenne                      | Missouri River                       | 290            | Ohio                    | Mississippi River | 981            |
| Cimarron                      | Arkansas River                       | 600            | Ohio-Allegheny          | Mississippi River | 1,306          |
| Clark Fork-Pend Oreille       | Columbia River                       | 505            | Osage                   | Mississippi River | 500            |
| Colorado (U.S. Mex.)          | Gulf of California                   | 1,450          | Ouachita                | Red River         | 605            |
| Colorado (Texas)              | Matagorda Bay                        | 840            | Owyhee                  | Snake River       | 250            |
| Columbia                      | Pacific Ocean                        | 1,214          | Pearl                   | Gulf of Mexico    | 490            |
| Columbia, Upper               | To mouth of Snake River              | 800            | Pecos                   | Rio Grande        | 735            |
| Colville                      | Beaufort Sea                         | 350            | Pee Dee                 | Winyah Bay        | 213            |
| Connecticut                   | Long Island Sound                    | 407            | Pee Dee-Yadkin          | Winyah Bay        | 435            |
| Coosa                         | Alabama River                        | 286            | Platte                  | Missouri River    | 310            |
| Cumberland                    | Ohio River                           | 687            | Porcupine               | Yukon River       | 450            |
| Delaware                      | Liston Point at Head of Delaware Bay | 280            | Potomac                 | Chesapeake Bay    | 287            |
| Deschutes                     | Columbia River                       | 260            | Powder                  | Yellowstone River | 375            |
| Des Moines                    | Mississippi River                    | 327            | Red (Okla.-Tex.-La.)    | Mississippi River | 1,018          |
| Dolores                       | Colorado River                       | 230            | Red River of the North  | Lake Winnipeg     | 545            |
| Flint                         | Apalachicola River                   | 265            | Republican              | Kansas River      | 445            |
| French Broad                  | Tennessee River                      | 210            | Rio Grande              | Gulf of Mexico    | 1,885          |
| Gila                          | Colorado River                       | 630            | Roanoke                 | Albemarle Sound   | 380            |
| Grand (Mich.)                 | Lake Michigan                        | 260            | Rock (Ill.-Wis.)        | Mississippi River | 300            |
| Green (Ky.)                   | Ohio River                           | 360            | Sabine                  | Sabine Lake       | 360            |
| Green (Utah-Wyo.)             | Colorado River                       | 730            | Sacramento              | Suisun Bay        | 352            |
| Hudson                        | Upper New York Bay                   | 306            | St. Francis             | Mississippi River | 425            |
| Humboldt                      | Humboldt Sink                        | 290            | St. Johns (Fla.)        | Atlantic Ocean    | 276            |
| Illinois                      | Mississippi River                    | 273            | St. Joseph              | Lake Michigan     | 210            |
| Iowa                          | Mississippi River                    | 291            | Salmon (Idaho)          | Snake River       | 420            |
| James (N. Dak.-S. Dak.)       | Missouri River                       | 710            | San Joaquin             | Suisun Bay        | 350            |
| James (Va.)                   | Hampton Roads                        | 340            | San Juan                | Colorado River    | 360            |
| Jefferson-Beaverhead-Red Rock | Missouri River                       | 217            | Santee-Waterloo-Catawba | Atlantic Ocean    | 538            |
| John Day                      | Columbia River                       | 281            | Savannah                | Atlantic Ocean    | 314            |
| Kanawha-New                   | Ohio River                           | 352            | Scioto                  | Ohio River        | 237            |
| Kentucky                      | Ohio River                           | 259            | Smoky Hill              | Kansas River      | 540            |
| Klamath                       | Pacific Ocean                        | 250            | Snake                   | Columbia River    | 1,038          |
| Koyukuk                       | Yukon River                          | 500            | South Platte            | Platte River      | 424            |
| Kuskokwim                     | Kuskokwim Bay                        | 550            | Susquehanna             | Chesapeake Bay    | 444            |
| Little Colorado               | Colorado River                       | 300            | Tallahatchie            | Yazoo River       | 301            |
| Little Missouri               | Missouri River                       | 560            | Tallapoosa              | Alabama River     | 268            |
| Milk                          | Missouri River                       | 625            | Tanana                  | Yukon River       | 800            |
| Minnesota                     | Mississippi River                    | 332            | Tar-Pamlico             | Pamlico Bay       | 215            |
| Mississippi                   | Mouth of SW Pass.                    | 2,348          | Tennessee               | Ohio River        | 652            |
| Mississippi, Upper            | To mouth of Missouri River           | 1,171          | Tennessee-French Broad  | Ohio River        | 862            |
| Mississippi-Missouri-Red Rock | Mouth of SW Pass.                    | 3,860          | Tombigbee               | Mobile River      | 409            |
|                               |                                      |                | Tongue                  | Yellowstone River | 246            |
|                               |                                      |                | Trinity                 | Galveston Bay     | 360            |
|                               |                                      |                | Wabash                  | Ohio River        | 475            |
|                               |                                      |                | Washita                 | Red River         | 500            |
|                               |                                      |                | White (Ark.-Mo.)        | Mississippi River | 690            |
|                               |                                      |                | Wisconsin               | Mississippi River | 430            |
|                               |                                      |                | Yellowstone             | Missouri River    | 671            |
|                               |                                      |                | Yukon                   | Bering Sea        | 1,800          |

Source: Department of the Interior, Geological Survey.

No. 210. AREAS OF SELECTED NATURAL LAKES

[In square miles. Comprises those with surface areas of 100 square miles or more]

| LAKE                    | State                         | Area               | LAKE                       | State                 | Area             |
|-------------------------|-------------------------------|--------------------|----------------------------|-----------------------|------------------|
| Bear                    | Idaho and Utah                | 122                | Pend Oreille               | Idaho                 | 123              |
| Becharof                | Alaska                        | 454                | Pontchartrain <sup>1</sup> | Louisiana             | 625              |
| Calcasieu <sup>1</sup>  | Louisiana                     | 117                | Rainy                      | Minnesota and Canada  | 345              |
| Champlain               | New York, Vermont, and Canada | 490                | Red Lake (Upper and Lower) | Minnesota             | 440              |
| Flathead                | Montana                       | 188                | St. Clair                  | Michigan and Canada   | 460              |
| Great Salt <sup>1</sup> | Utah                          | <sup>2</sup> 1,700 | Salton Sea <sup>1</sup>    | California            | <sup>2</sup> 300 |
| Harna                   | Alaska                        | 1,033              | Tahoe                      | California and Nevada | 193              |
| Lake of the Woods       | Minnesota and Canada          | 1,485              | Teshkepuuk                 | Alaska                | 310              |
| Leech                   | Minnesota                     | 222                | Ugashik                    | Alaska                | 143              |
| Millie Lacs             | Minnesota                     | 208                | Utah                       | Utah                  | 145              |
| Moosehead               | Maine                         | 117                | Winnepigo                  | Wisconsin             | 215              |
| Naknek                  | Alaska                        | 221                | Yellowstone                | Wyoming               | 140              |
| Okechobee               | Florida                       | 700                |                            |                       |                  |

<sup>1</sup> Salty. <sup>2</sup> Variable.

Source: Department of the Interior, Geological Survey.

No. 211. ALTITUDES OF NAMED MOUNTAIN PEAKS

[In feet. Comprises peaks 14,000 feet or over, above sea level]

| SUMMIT                                     | State  | Rank | Altitude | SUMMIT                           | State  | Rank | Altitude |
|--|--------|------|----------|----------------------------------|--------|------|----------|
| Alverstone                                 | Alaska | 14   | 14,500   | Massive                          | Colo.  | 17   | 14,418   |
| Anter                                      | Colo.  | 27   | 14,269   | McKinley                         | Alaska | 1    | 20,320   |
| Augusta                                    | Alaska | 62   | 14,070   | Middle Palisade                  | Calif. | 72   | 14,040   |
| Barnard                                    | Calif. | 84   | 14,003   | Missouri                         | Colo.  | 64   | 14,067   |
| Bear                                       | Alaska | 11   | 14,850   | Muir                             | Calif. | 76   | 14,025   |
| Belford                                    | Colo.  | 39   | 14,197   | North Maroon Peak                | Colo.  | 87   | 14,000   |
| Bierstadt                                  | Colo.  | 69   | 14,046   | North Palisade                   | Calif. | 35   | 14,242   |
| Blackburn                                  | Alaska | 5    | 16,523   | North Peak                       | Alaska | 2    | 19,370   |
| Blanca Peak                                | Colo.  | 22   | 14,317   | Oxford                           | Colo.  | 49   | 14,153   |
| Bona                                       | Alaska | 6    | 16,421   | Pikes Peak                       | Colo.  | 55   | 14,110   |
| Bross                                      | Colo.  | 43   | 14,169   | Point Success                    | Wash.  | 50   | 14,150   |
| Brown Tower                                | Alaska | 13   | 14,530   | Princeton                        | Colo.  | 38   | 14,197   |
| Cameron                                    | Colo.  | 36   | 14,238   | Pyramid (Pitkin County)          | Colo.  | 85   | 14,000   |
| Capitol                                    | Colo.  | 56   | 14,100   | Quandary                         | Colo.  | 32   | 14,252   |
| Castle (Gunnison-Pitkin Counties)          | Colo.  | 30   | 14,259   | Ranier                           | Wash.  | 19   | 14,410   |
| Columbia                                   | Colo.  | 61   | 14,073   | Red Cloud                        | Colo.  | 67   | 14,050   |
| Crestone                                   | Colo.  | 24   | 14,291   | Russell                          | Calif. | 42   | 14,190   |
| Crestone Needle (Custer-Saguache Counties) | Colo.  | 41   | 14,191   | St. Elias                        | Alaska | 3    | 18,008   |
| Culebra                                    | Colo.  | 63   | 14,069   | Sanford                          | Alaska | 7    | 16,208   |
| Democrat                                   | Colo.  | 52   | 14,142   | San Luis                         | Colo.  | 81   | 14,014   |
| Elbert                                     | Colo.  | 16   | 14,431   | Shasta                           | Calif. | 45   | 14,162   |
| El Diente                                  | Colo.  | 46   | 14,159   | Shavano                          | Colo.  | 37   | 14,229   |
| Eolus (Aeolus)                             | Colo.  | 69   | 14,080   | Sherman                          | Colo.  | 74   | 14,037   |
| Evans (Clear Creek County)                 | Colo.  | 20   | 14,260   | Sill, Mount                      | Calif. | 44   | 14,162   |
| Fairweather                                | Alaska | 9    | 15,300   | Sneffels                         | Colo.  | 51   | 14,150   |
| Foraker                                    | Alaska | 4    | 17,395   | Snowmass                         | Colo.  | 60   | 14,077   |
| Grays                                      | Colo.  | 26   | 14,274   | Split                            | Calif. | 60   | 14,058   |
| Grizzly                                    | Colo.  | 86   | 14,000   | Stewart                          | Colo.  | 75   | 14,032   |
| Handies                                    | Colo.  | 68   | 14,049   | Sunlight                         | Colo.  | 65   | 14,000   |
| Harvard                                    | Colo.  | 18   | 14,414   | Sunshine (Pk.)                   | Colo.  | 73   | 14,018   |
| Hubbard                                    | Alaska | 10   | 14,950   | Tabeguache                       | Colo.  | 48   | 14,155   |
| Humbolt                                    | Colo.  | 70   | 14,044   | Torreys                          | Colo.  | 28   | 14,264   |
| Hunter                                     | Alaska | 12   | 14,580   | Tyndall                          | Calif. | 77   | 14,025   |
| Huron                                      | Colo.  | 83   | 14,005   | Uncompahgre                      | Colo.  | 23   | 14,301   |
| Kit Carson                                 | Colo.  | 57   | 14,100   | Vancouver                        | Alaska | 8    | 15,700   |
| Langley                                    | Calif. | 71   | 14,042   | Wetterhorn (Pk.)                 | Colo.  | 79   | 14,017   |
| La Plata                                   | Colo.  | 21   | 14,340   | White                            | Calif. | 34   | 14,246   |
| Liberty Cap                                | Wash.  | 54   | 14,112   | Whitney                          | Calif. | 15   | 14,495   |
| Lincoln                                    | Colo.  | 25   | 14,284   | Williamson                       | Calif. | 20   | 14,384   |
| Lindsey                                    | Colo.  | 53   | 14,125   | Wilson Mountain                  | Colo.  | 33   | 14,246   |
| Little Bear Peak                           | Colo.  | 73   | 14,040   | Wilson (Pk.) (San Miguel County) | Colo.  | 80   | 14,017   |
| Longs                                      | Colo.  | 31   | 14,256   | Windom                           | Colo.  | 58   | 14,091   |
| Maroon Peak                                | Colo.  | 47   | 14,158   | Wrangell                         | Alaska | 82   | 14,006   |
|  |        |      |          | Yale                             | Colo.  | 40   | 14,196   |

Source: Department of the Interior, Geological Survey.

NO. 212. EXTREME AND MEAN ALTITUDES IN THE UNITED STATES, BY STATES AND FOR OTHER AREAS

[In feet]

| STATE OR OTHER AREA | HIGHEST POINT                           |          | LOWEST POINT              |          | Approximate mean altitude |
|---------------------|---|----------|---------------------------|----------|---------------------------|
|                     | Name                                    | Altitude | Name                      | Altitude |                           |
| Cont. U.S.          | Mount Whitney                           | 14,495   | Death Valley              | -282     | 2,500                     |
| Alabama             | Cheaha Mountain                         | 2,407    | Gulf of Mexico            | (1)      | 500                       |
| Arizona             | Humphreys Peak                          | 12,670   | Colorado River            | 100      | 4,100                     |
| Arkansas            | Blue Mountain                           | 2,800    | Quachita River            | 55       | 650                       |
|                     | Magazine Mountain                       | 2,800    |                           |          |                           |
| California          | Mount Whitney                           | 14,495   | Death Valley              | -282     | 2,900                     |
| Colorado            | Mount Elbert                            | 14,431   | Arkansas River            | 3,350    | 6,800                     |
| Connecticut         | N. Bdy.-Mt. Frissell                    | 2,380    | Long Island Sound         | (1)      | 500                       |
| Delaware            | Bright Road                             | 450      | Atlantic Ocean            | (1)      | 60                        |
| Dist. of Col.       | Tenleytown                              | 420      | Potomac River             | (1)      | 150                       |
| Florida             | Sec. 30, T6N, R20W, Walton County       | 345      | Atlantic Ocean            | (1)      | 100                       |
| Georgia             | Brasstown Bald                          | 4,784    | Atlantic Ocean            | (1)      | 600                       |
| Idaho               | Borah Peak                              | 12,662   | Snake River               | 720      | 5,000                     |
| Illinois            | Charles Mound                           | 1,241    | Mississippi River         | 279      | 600                       |
| Indiana             | Greensfork Twp., Randolph County        | 1,240    | Ohio River                | 320      | 700                       |
| Iowa                | Oscola County                           | 1,675    | Mississippi River         | 480      | 1,100                     |
| Kansas              | In T15S R43W, Wallace Co.               | 4,135    | Verdigris River           | 700      | 2,000                     |
| Kentucky            | Black Mountain                          | 4,145    | Mississippi River         | 257      | 750                       |
| Louisiana           | Driskill Mountain                       | 535      | New Orleans               | -5       | 100                       |
| Maine               | Mount Katahdin                          | 5,298    | Atlantic Ocean            | (1)      | 600                       |
| Maryland            | Backbone Mountain, near Kempton, W. Va. | 3,360    | Atlantic Ocean            | (1)      | 350                       |
| Massachusetts       | Mount Greylock                          | 3,491    | Atlantic Ocean            | (1)      | 500                       |
| Michigan            | T50N R31W Sec. 2, Baraga County         | 1,080    | Lake Erie                 | 572      | 900                       |
| Minnesota           | Misquah Hills                           | 2,230    | Lake Superior             | 602      | 1,200                     |
| Mississippi         | Woodall Mountain, near Iuka             | 806      | Gulf of Mexico            | (1)      | 300                       |
| Missouri            | Taum Sauk Mountain                      | 1,772    | St. Francis River         | 230      | 800                       |
| Montana             | Granite Peak                            | 12,799   | Kootenai River            | 1,800    | 3,400                     |
| Nebraska            | Johnson Twp., Kimball Co.               | 5,424    | Southeast corner of State | 840      | 2,600                     |
| Nevada              | White Mountains, Boundary Peak          | 13,145   | Colorado River            | 470      | 5,500                     |
| New Hampshire       | Mount Washington                        | 6,288    | Atlantic Ocean            | (1)      | 1,000                     |
| New Jersey          | High Point                              | 1,801    | Atlantic Ocean            | (1)      | 250                       |
| New Mexico          | Wheeler Peak                            | 13,160   | Red Bluff Res.            | 2,817    | 5,700                     |
|                     |   |          | Atlantic Ocean            | (1)      | 1,000                     |
| New York            | Mount Marcy                             | 5,344    | Atlantic Ocean            | (1)      | 700                       |
| North Carolina      | Mount Mitchell                          | 6,684    | Atlantic Ocean            | (1)      | 1,900                     |
| North Dakota        | Black Butte                             | 3,468    | Red River of the North    | 750      | 850                       |
| Ohio                | Campbell Hill                           | 1,550    | Ohio River                | 433      | 1,300                     |
| Oklahoma            | Black Mesa                              | 4,978    | Red River                 | 300      | 3,300                     |
| Oregon              | Mount Hood                              | 11,245   | Pacific Ocean             | (1)      |                           |
| Pennsylvania        | Negro Mountains (Mount Davls)           | 3,213    | Delaware River            | (1)      | 500                       |
| Rhode Island        | Jerimoth Hill                           | 812      | Atlantic Ocean            | (1)      | 200                       |
| South Carolina      | Sassafras Mountain                      | 3,560    | Atlantic Ocean            | (1)      | 350                       |
| South Dakota        | Horney Peak                             | 7,242    | Pig Stone Lake            | 962      | 2,200                     |
| Tennessee           | Clingmans Dome                          | 6,042    | Mississippi River         | 182      | 900                       |
| Texas               | Guadalupe Peak                          | 8,751    | Gulf of Mexico            | (1)      | 1,700                     |
| Utah                | Kings Peak                              | 13,498   | Beaverdam Creek           | 2,000    | 6,100                     |
| Vermont             | Mount Mansfield                         | 4,893    | Lake Champlain            | (1) 95   | 1,000                     |
| Virginia            | Mount Rogers                            | 5,720    | Atlantic Ocean            | (1)      | 950                       |
| Washington          | Mount Rainier                           | 14,410   | Pacific Ocean             | (1)      | 1,700                     |
| West Virginia       | Spruce Knob                             | 4,860    | Potomac River             | 240      | 1,500                     |
| Wisconsin           | Rib Mountain                            | 1,941    | Lake Michigan             | 581      | 1,050                     |
| Wyoming             | Gannett Peak                            | 13,785   | Belle Fourche River       | 3,100    | 6,700                     |
| Alaska              | Mount McKinley                          | 20,320   | Pacific Ocean             | (1)      |                           |
| Hawaii              | Mauna Kea                               | 13,796   | Pacific Ocean             | (1)      |                           |
| Canal Zone          | Cerro Galera                            | 1,205    | Atlantic Ocean            | (1)      | 100                       |
| Guam                | Mount Lamlan                            | 1,334    | Pacific Ocean             | (1)      |                           |
| Puerto Rico         | Cerro de Punta                          | 4,389    | Atlantic Ocean            | (1)      |                           |
| Samoa               | Lata                                    | 3,056    | Atlantic Ocean            | (1)      |                           |
| Virgin Islands      | Crown Mountain                          | 1,556    | Atlantic Ocean            | (1)      |                           |

1 Sea level.

Source: Department of the Interior, Geological Survey.

## No. 213. ESTIMATED WATER USE: 1900 TO 1980

[In billions of gallons daily average. In preparing these projections, it was estimated that the population residing in continental United States would grow from 171.2 million in 1957 to 230.8 million in 1980, and that the index of industrial production would rise 50 percent in the same period. Excludes Alaska and Hawaii]

| YEAR     | TOTAL WATER USE |        | IRRIGATION <sup>1</sup> |        | PUBLIC WATER SUPPLIES |        | SELF-SUPPLIED USE     |        |   |        |                      |        |
|----------|-----------------|--------|-------------------------|--------|-----------------------|--------|-----------------------|--------|---|--------|----------------------|--------|
|          | Total           | Ground | Total                   | Ground | Total                 | Ground | Domestic <sup>2</sup> |        | Industrial and miscellaneous <sup>3</sup> |        | Steam electric power |        |
|          |                 |        |                         |        |                       |        | Total                 | Ground | Total                                     | Ground | Total                | Ground |
| 1900---- | 40.19           | 7.28   | 20.19                   | 2.22   | 3.00                  | 1.05   | 2.00                  | 1.60   | 10.00                                     | 2.40   | 5.00                 | 0.01   |
| 1910---- | 66.44           | 11.68  | 39.04                   | 5.27   | 4.70                  | 1.49   | 2.20                  | 1.76   | 14.00                                     | 3.15   | 6.50                 | 0.01   |
| 1920---- | 91.54           | 15.78  | 55.94                   | 8.17   | 6.00                  | 1.79   | 2.40                  | 1.94   | 18.00                                     | 3.87   | 9.20                 | 0.01   |
| 1930---- | 110.50          | 18.18  | 60.20                   | 9.09   | 8.00                  | 2.30   | 2.90                  | 2.40   | 21.00                                     | 4.37   | 18.40                | 0.02   |
| 1940---- | 136.43          | 22.56  | 71.03                   | 11.22  | 10.10                 | 2.82   | 3.10                  | 2.64   | 29.00                                     | 5.86   | 23.20                | 0.02   |
| 1945---- | 170.46          | 28.33  | 83.06                   | 14.12  | 12.00                 | 3.28   | 3.20                  | 2.78   | 41.00                                     | 8.12   | 31.20                | 0.03   |
| 1950---- | 202.70          | 35.19  | 100.00                  | 19.80  | 14.10                 | 3.78   | 4.60                  | 4.09   | 38.10                                     | 7.47   | 45.90                | 0.05   |
| 1955---- | 263.80          | 47.79  | 116.30                  | 29.08  | 16.30                 | 4.27   | 5.40                  | 4.91   | 49.20                                     | 9.45   | 76.60                | 0.08   |
| 1960---- | 322.90          | 58.17  | 135.00                  | 35.24  | 22.00                 | 5.68   | 6.00                  | 5.58   | 61.20                                     | 11.57  | 98.70                | 0.10   |
| 1965---- | 371.70          | 66.30  | 148.10                  | 40.14  | 25.00                 | 6.28   | 6.50                  | 6.14   | 73.20                                     | 13.62  | 118.90               | 0.12   |
| 1970---- | 411.20          | 73.27  | 159.00                  | 44.20  | 27.00                 | 6.64   | 6.90                  | 6.56   | 86.00                                     | 15.74  | 132.30               | 0.13   |
| 1975---- | 449.70          | 79.37  | 169.70                  | 47.52  | 29.80                 | 7.15   | 7.20                  | 6.85   | 98.40                                     | 17.71  | 144.60               | 0.14   |
| 1980---- | 494.10          | 84.94  | 178.00                  | 50.02  | 32.00                 | 7.36   | 7.40                  | 7.04   | 115.00                                    | 20.36  | 161.70               | 0.16   |

<sup>1</sup> Total take, including delivery losses but not including reservoir evaporation.

<sup>2</sup> Domestic farm and nonfarm household and garden use, and water for farm stock and dairies.

<sup>3</sup> Manufacturing industries, mineral industries, rural commercial, air conditioning, resorts, hotels, motels, military and other Federal, and other miscellaneous uses.

Source: Department of Commerce, Business and Defense Services Administration.

## No. 214. INVENTORY OF PUBLIC WATER SUPPLIES FOR COMMUNITY WATER SYSTEMS: 1956

[Includes only systems serving a population of 25,000 or more. Estimated number of public water systems in continental United States is 17,800 systems serving a population of approximately 115.75 million. An estimated 16 percent of water used by manufacturing industries is supplied by public water systems]

| ITEM   | Total communities | COMMUNITIES HAVING A POPULATION SERVED OF— |                    |                    |                   |                               |
|--|-------------------|--|--------------------|--------------------|-------------------|-------------------------------|
|  |                   | 500,000 or more                            | 250,000 to 500,000 | 100,000 to 250,000 | 50,000 to 100,000 | 25,000 <sup>1</sup> to 50,000 |
| Communities and districts.....number.....                        | 590               | 41   | 31                 | 112                | 177               | 229                           |
| 1960 Census population.....1,000.....                            | 64,769            | 32,392                                     | 5,981              | 10,832             | 8,546             | 7,018                         |
| Estimated population served.....do.....                          | 86,817            | 46,078                                     | 9,154              | 14,873             | 10,017            | 6,695                         |
| Ownership of public water supply.....number.....                 | 559               | 40   | 28                 | 109                | 173               | 209                           |
| Municipal or district—public.....do.....                         | 457               | 34   | 20                 | 93                 | 140               | 170                           |
| Private.....do.....  | 102               | 6  | 8                  | 16                 | 33                | 39                            |
| Average output of water <sup>2</sup> .....mil. gal. daily.....   | 12,590            | 7,018                                      | 1,173              | 2,086              | 1,288             | 1,025                         |
| Water used, maximum month <sup>2</sup> .....mil. gal. daily..... | 507,574           | 277,975                                    | 45,352             | 86,896             | 52,909            | 44,442                        |
| Water used, maximum day <sup>2</sup> .....mil. gal. daily.....   | 20,085            | 10,900                                     | 1,908              | 3,495              | 2,152             | 1,640                         |
| Impounded storage.....mil. gal. daily.....                       | 4,780,245         | 1,052,464                                  | 404,707            | 1,064,336          | 291,115           | 1,067,563                     |
| Safe yield watershed or stream.....mil. gal. daily.....          | 86,723            | 7,025                                      | 50,874             | 15,350             | 10,340            | 3,194                         |
| Transmission capacity, maximum.....do.....                       | 28,116            | 17,826                                     | 2,743              | 4,144              | 2,200             | 1,203                         |
| Dependable yield, ground water.....do.....                       | 4,778             | 863  | 543                | 1,259              | 1,014             | 1,099                         |
| Raw water storage.....mil. gal. daily.....                       | 240,688           | 176,446                                    | 50,840             | 993                | 9,788             | 2,621                         |
| Raw water pumping capacity.....mil. gal. daily.....              | 18,429            | 8,624                                      | 1,684              | 3,901              | 2,477             | 1,748                         |
| Treatment plant:   |                   |  |                    |                    |                   |                               |
| Rated capacity.....do.....                                       | 17,711            | 7,803                                      | 2,171              | 3,753              | 2,065             | 1,919                         |
| Overload capacity <sup>2</sup> .....do.....                      | 21,579            | 9,838                                      | 2,521              | 4,498              | 2,497             | 2,225                         |
| Service pumping capacity.....mil. gal. daily.....                | 24,940            | 12,054                                     | 2,421              | 4,730              | 3,470             | 2,265                         |
| Distribution storage:  |                   |  |                    |                    |                   |                               |
| Pumped to mains.....mil. gal. daily.....                         | 4,593             | 1,475                                      | 361                | 1,638              | 500               | 559                           |
| Elevated.....do.....   | 32,186            | 26,319                                     | 1,217              | 2,732              | 1,179             | 739                           |
| Number of services <sup>2</sup> .....1,000.....                  | 16,996            | 7,278                                      | 1,843              | 3,412              | 2,600             | 1,863                         |
| Number of meters <sup>2</sup> .....do.....                       | 14,651            | 5,656                                      | 1,794              | 3,093              | 2,402             | 1,706                         |

<sup>1</sup> Includes systems serving over 25,000 population although Census population was less than 25,000.

<sup>2</sup> Approximately 2 to 4 percent estimated.

Source: Department of Commerce, Business and Defense Services Administration.

No. 215. GROUND ELEVATION OF WEATHER STATIONS AND MEAN AND LATEST DATE IN SPRING, AND MEAN AND EARLIEST DATE IN FALL, OF OCCURRENCE OF FREEZE (32°), FOR SELECTED CITIES

[Date of freeze based on standard 30-year period (1921 to 1950)]

| STATION        |                  | Ground elevation (feet) | OCCURRENCE OF FREEZE |         |           |          |
|----------------|------------------|-------------------------|----------------------|---------|-----------|----------|
|                |                  |                         | Spring date          |         | Fall date |          |
|                |                  |                         | Mean                 | Latest  | Mean      | Earliest |
| Alabama        | Mobile           | 10                      | Feb. 20              | Mar. 20 | Dec. 5    | Nov. 15  |
| Arizona        | Phoenix          | 1,083                   | Jan. 30              | Mar. 2  | Dec. 5    | Nov. 4   |
| Arkansas       | Little Rock      | 257                     | Mar. 16              | Apr. 13 | Nov. 15   | Oct. 23  |
| California     | Los Angeles      | 312                     | Jan. 17              | Jan. 21 |           | None     |
|                | Sacramento       | 25                      | Jan. 28              | Mar. 14 | Dec. 5    | Nov. 4   |
|                | San Francisco    | 52                      | Jan. 17              | Jan. 21 | Dec. 12   | Dec. 11  |
| Colorado       | Denver           | 5,221                   | May 2                | May 28  | Oct. 14   | Sept. 18 |
| Connecticut    | Hartford         | 169                     | Apr. 22              | May 10  | Oct. 19   | Sept. 27 |
| Delaware       | Wilmington       | 73                      | Apr. 18              | May 9   | Oct. 26   | Sept. 27 |
| Dist. of Col.  | Washington       | 72                      | Apr. 10              | May 12  | Oct. 28   | Oct. 2   |
| Florida        | Jacksonville     | 18                      | Feb. 15              | May 14  | Nov. 30   | Nov. 9   |
|                | Miami            | 8                       |                      |         |           |          |
| Georgia        | Atlanta          | 1,054                   | Mar. 20              | Apr. 15 | Nov. 19   | Oct. 24  |
| Idaho          | Boise            | 2,842                   | Apr. 29              | May 23  | Oct. 16   | Sept. 29 |
| Illinois       | Chicago          | 610                     | Apr. 19              | May 13  | Oct. 28   | Sept. 25 |
|                | Peoria           | 654                     | Apr. 22              | May 25  | Oct. 16   | Sept. 29 |
| Indiana        | Indianapolis     | 718                     | Apr. 17              | May 11  | Oct. 27   | Oct. 1   |
| Iowa           | Des Moines       | 807                     | Apr. 20              | May 11  | Oct. 19   | Sept. 28 |
| Kansas         | Wichita          | 1,321                   | Apr. 5               | Apr. 21 | Nov. 1    | Sept. 27 |
| Kentucky       | Louisville       | 457                     | Apr. 1               | Apr. 19 | Nov. 7    | Oct. 15  |
| Louisiana      | New Orleans      | 9                       | Feb. 15              | Mar. 20 | Dec. 3    | Nov. 13  |
| Maine          | Portland         | 61                      | Apr. 29              | May 30  | Oct. 15   | Sept. 17 |
| Maryland       | Baltimore        | 146                     | Mar. 28              | Apr. 16 | Nov. 17   | Oct. 20  |
| Massachusetts  | Boston           | 15                      | Apr. 16              | May 19  | Oct. 25   | Sept. 26 |
| Michigan       | Detroit          | 619                     | Apr. 25              | May 12  | Oct. 23   | Sept. 29 |
|                | Sault Ste. Marie | 721                     | May 18               | June 8  | Oct. 3    | Aug. 22  |
| Minnesota      | Duluth           | 1,162                   | May 13               | June 1  | Oct. 3    | Sept. 13 |
|                | Minneapolis      | 830                     | Apr. 30              | May 24  | Oct. 13   | Sept. 18 |
| Mississippi    | Jackson          | 305                     | Mar. 10              | Apr. 13 | Nov. 13   | Oct. 17  |
| Missouri       | Kansas City      | 741                     | Apr. 5               | Apr. 17 | Oct. 31   | Oct. 6   |
|                | St. Louis        | 465                     | Apr. 2               | May 2   | Nov. 8    | Oct. 14  |
| Montana        | Great Falls      | 3,664                   | May 14               | June 8  | Sept. 26  | Sept. 7  |
| Nebraska       | Omaha            | 978                     | Apr. 14              | Apr. 14 | Oct. 19   | Sept. 17 |
| Nevada         | Reno             | 4,397                   | May 14               | June 25 | Oct. 2    | Aug. 30  |
| New Hampshire  | Concord          | 339                     | May 11               | May 26  | Sept. 30  | Sept. 13 |
| New Jersey     | Atlantic City    | 8                       | Apr. 10              |         | Nov. 5    |          |
| New Mexico     | Albuquerque      | 5,310                   | Apr. 16              | May 18  | Oct. 29   | Oct. 11  |
| New York       | Albany           | 19                      | Apr. 27              | May 20  | Oct. 13   | Sept. 23 |
|                | Buffalo          | 693                     | Apr. 30              | May 24  | Oct. 25   | Sept. 23 |
|                | New York         | 10                      | Apr. 7               | Apr. 24 | Nov. 12   | Oct. 19  |
| North Carolina | Charlotte        | 727                     | Mar. 21              | Apr. 16 | Nov. 15   | Oct. 15  |
|                | Raleigh          | 400                     | Mar. 24              | Apr. 20 | Nov. 16   | Oct. 29  |
| North Dakota   | Bismarek         | 1,650                   | May 11               | May 30  | Sept. 24  | Sept. 6  |
| Ohio           | Cincinnati       | 761                     | Apr. 15              | May 25  | Oct. 25   | Sept. 28 |
|                | Cleveland        | 787                     | Apr. 21              | May 14  | Nov. 2    | Sept. 29 |
|                | Columbus         | 815                     | Apr. 17              | May 9   | Oct. 30   | Oct. 7   |
| Oklahoma       | Oklahoma City    | 1,254                   | Mar. 28              | Apr. 17 | Nov. 7    | Oct. 23  |
| Oregon         | Portland         | 30                      | Feb. 28              | May 4   | Nov. 26   | Oct. 30  |
| Pennsylvania   | Philadelphia     | 26                      | Mar. 30              | Apr. 20 | Nov. 17   | Oct. 19  |
|                | Pittsburgh       | 749                     | Apr. 16              | May 4   | Nov. 3    | Oct. 10  |
| Rhode Island   | Providence       | 55                      | Apr. 13              | Apr. 24 | Oct. 27   | Oct. 3   |
| South Carolina | Columbia         | 217                     | Mar. 14              | Apr. 13 | Nov. 21   | Nov. 1   |
| South Dakota   | Stoux Falls      | 1,420                   | May 5                | May 29  | Oct. 3    | Sept. 12 |
| Tennessee      | Memphis          | 263                     | Mar. 20              | Apr. 15 | Nov. 12   | Oct. 17  |
|                | Nashville        | 577                     | Mar. 28              | Apr. 19 | Nov. 7    | Oct. 17  |
| Texas          | Dallas           | 487                     |                      |         |           |          |
|                | El Paso          | 3,920                   |                      |         |           |          |
|                | Houston          | 41                      | Feb. 5               | Mar. 26 | Dec. 11   | Oct. 25  |
| Utah           | Salt Lake City   | 4,260                   | Apr. 12              | Apr. 30 | Nov. 1    | Oct. 11  |
| Vermont        | Burlington       | 331                     | May 8                | May 23  | Oct. 3    | Sept. 13 |
| Virginia       | Norfolk          | 26                      | Mar. 18              | Apr. 14 | Nov. 27   | Nov. 7   |
|                | Richmond         | 162                     | Apr. 2               | Apr. 20 | Nov. 8    | Oct. 21  |
| Washington     | Seattle          | 14                      | Feb. 23              | Apr. 3  | Nov. 26   | Oct. 19  |
|                | Spokane          | 2,357                   | Apr. 20              | May 16  | Oct. 12   | Sept. 18 |
| West Virginia  | Charleston       | 950                     | Apr. 18              | May 11  | Oct. 28   | Sept. 29 |
| Wisconsin      | Milwaukee        | 672                     | Apr. 20              | May 9   | Oct. 25   | Sept. 24 |
| Wyoming        | Cheyenne         | 6,131                   | May 20               | June 18 | Sept. 27  | Sept. 5  |
| Alaska         | Juneau           | 15                      | Apr. 27              | June 8  | Oct. 19   | Sept. 22 |
| Hawaii         | Honolulu         | 12                      |                      |         |           |          |
| Puerto Rico    | San Juan         | 47                      |                      |         |           |          |

Source: Department of Commerce, Weather Bureau; records.

TEMPERATURES

No. 216. NORMAL MONTHLY AVERAGE TEMPERATURE, FOR SELECTED CITIES

[In Fahrenheit degrees. Based on standard 30-year period (1921 to 1950)]

| STATION              | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|----------------------|------|------|------|------|------|------|------|------|-------|------|------|------|--------|
| Ala. Mobile          | 53.1 | 55.5 | 60.1 | 67.4 | 74.3 | 80.5 | 81.9 | 82.0 | 78.7  | 69.9 | 59.4 | 54.1 | 68.1   |
| Ariz. Phoenix        | 51.3 | 55.7 | 60.9 | 68.2 | 76.6 | 85.0 | 90.5 | 88.9 | 83.6  | 72.1 | 60.1 | 53.4 | 70.5   |
| Ark. Little Rock     | 41.8 | 45.6 | 52.8 | 62.5 | 69.8 | 78.5 | 81.9 | 81.3 | 74.8  | 64.1 | 51.5 | 43.9 | 62.4   |
| Calif. Los Angeles   | 55.0 | 56.4 | 58.9 | 61.5 | 64.8 | 67.8 | 72.5 | 72.9 | 71.0  | 66.6 | 62.1 | 57.3 | 63.9   |
| Sacramento           | 45.2 | 50.6 | 54.9 | 59.2 | 65.0 | 71.2 | 75.3 | 74.0 | 71.3  | 63.8 | 54.3 | 46.7 | 60.9   |
| San Francisco        | 50.1 | 53.0 | 54.9 | 55.7 | 57.1 | 59.1 | 58.9 | 59.3 | 61.6  | 61.0 | 57.2 | 51.9 | 56.7   |
| Colo. Denver         | 31.4 | 34.5 | 39.3 | 48.6 | 57.3 | 67.3 | 73.7 | 72.4 | 63.7  | 53.0 | 41.3 | 34.1 | 51.4   |
| Conn. Hartford       | 27.0 | 27.5 | 36.9 | 47.4 | 58.9 | 67.7 | 72.7 | 70.4 | 68.1  | 52.6 | 41.7 | 30.1 | 49.7   |
| Del. Wilmington      | 33.3 | 33.7 | 42.5 | 51.8 | 62.8 | 71.8 | 75.9 | 73.8 | 68.0  | 56.2 | 45.5 | 35.1 | 54.2   |
| D.C. Washington      | 36.5 | 37.5 | 45.7 | 54.7 | 65.2 | 73.9 | 77.8 | 75.8 | 69.9  | 58.4 | 48.0 | 38.2 | 56.8   |
| Fla. Jacksonville    | 57.3 | 58.7 | 63.4 | 69.1 | 75.2 | 80.2 | 81.7 | 81.5 | 79.1  | 71.3 | 62.7 | 57.7 | 69.8   |
| Miami                | 68.5 | 68.7 | 70.8 | 74.1 | 77.1 | 80.3 | 81.6 | 82.1 | 81.0  | 77.6 | 72.3 | 69.5 | 75.3   |
| Ga. Atlanta          | 44.6 | 46.6 | 53.1 | 61.5 | 69.5 | 76.9 | 78.7 | 78.1 | 73.9  | 63.5 | 62.1 | 46.3 | 62.0   |
| Idaho. Boise         | 27.3 | 34.0 | 41.8 | 49.9 | 58.1 | 65.1 | 74.8 | 72.5 | 62.4  | 52.6 | 39.6 | 31.0 | 60.8   |
| Ill. Chicago         | 24.9 | 27.4 | 37.0 | 48.1 | 59.2 | 69.4 | 74.6 | 72.9 | 65.6  | 54.1 | 39.5 | 28.0 | 50.1   |
| Peoria               | 25.0 | 28.3 | 38.3 | 50.5 | 61.0 | 70.9 | 75.7 | 73.7 | 66.3  | 54.7 | 39.7 | 28.6 | 51.0   |
| Ind. Indianapolis    | 31.1 | 33.1 | 41.9 | 52.7 | 63.5 | 73.5 | 78.0 | 75.9 | 69.2  | 58.2 | 43.6 | 33.2 | 54.5   |
| Iowa. Des Moines     | 22.8 | 26.7 | 37.6 | 51.0 | 62.0 | 71.5 | 77.1 | 74.5 | 66.5  | 55.0 | 39.1 | 27.0 | 50.9   |
| Kans. Wichita        | 32.0 | 32.0 | 45.3 | 56.2 | 64.9 | 75.3 | 80.9 | 79.9 | 71.7  | 62.2 | 45.1 | 35.5 | 67.0   |
| Ky. Louisville       | 35.6 | 37.8 | 46.1 | 56.5 | 65.9 | 74.9 | 78.6 | 76.9 | 71.1  | 69.8 | 46.7 | 37.6 | 57.3   |
| La. New Orleans      | 55.9 | 58.8 | 63.0 | 69.8 | 76.1 | 81.9 | 83.1 | 83.4 | 80.3  | 72.8 | 62.5 | 57.1 | 70.4   |
| Maine. Portland      | 20.7 | 21.5 | 31.5 | 41.9 | 52.3 | 61.8 | 67.8 | 66.4 | 58.6  | 48.4 | 37.5 | 26.1 | 44.5   |
| Md. Baltimore        | 36.6 | 37.3 | 45.3 | 54.3 | 65.3 | 74.3 | 78.5 | 76.4 | 70.4  | 59.3 | 48.7 | 38.8 | 57.1   |
| Mass. Boston         | 29.1 | 29.2 | 37.6 | 47.2 | 57.8 | 67.2 | 72.2 | 71.5 | 64.3  | 56.0 | 44.4 | 32.8 | 50.7   |
| Mich. Detroit        | 26.2 | 26.7 | 35.1 | 46.4 | 57.8 | 68.1 | 73.1 | 71.3 | 64.3  | 52.9 | 40.1 | 29.5 | 49.3   |
| Sault Ste. Marie     | 13.8 | 13.5 | 23.3 | 36.8 | 48.9 | 58.1 | 63.9 | 62.9 | 65.2  | 44.4 | 31.5 | 19.9 | 39.3   |
| Minn. Duluth         | 10.3 | 13.3 | 24.6 | 38.3 | 49.3 | 58.7 | 65.8 | 64.8 | 56.1  | 46.2 | 28.6 | 15.0 | 39.2   |
| Minneapolis          | 14.6 | 18.2 | 30.9 | 46.0 | 58.5 | 68.2 | 74.1 | 71.5 | 62.2  | 60.4 | 33.0 | 19.4 | 46.6   |
| Miss. Jackson        | 48.3 | 51.0 | 56.8 | 64.9 | 72.3 | 79.9 | 82.1 | 81.4 | 76.7  | 66.4 | 55.2 | 49.0 | 66.4   |
| Mo. Kansas City      | 30.0 | 34.6 | 43.8 | 55.8 | 65.5 | 75.4 | 80.9 | 79.0 | 70.6  | 69.6 | 44.3 | 33.7 | 56.1   |
| St. Louis            | 33.3 | 36.7 | 45.3 | 56.5 | 66.2 | 75.8 | 80.6 | 78.6 | 71.4  | 60.6 | 40.0 | 36.2 | 57.3   |
| Mont. Great Falls    | 22.7 | 24.6 | 32.5 | 43.3 | 53.8 | 63.7 | 69.0 | 67.1 | 56.9  | 48.1 | 36.2 | 26.5 | 46.1   |
| Nebr. Omaha          | 23.0 | 27.2 | 38.2 | 52.2 | 62.7 | 72.6 | 78.5 | 75.7 | 67.0  | 55.5 | 38.0 | 27.4 | 51.6   |
| Nev. Reno            | 31.2 | 36.3 | 40.6 | 47.7 | 55.3 | 63.5 | 69.6 | 67.4 | 60.5  | 50.7 | 40.2 | 33.2 | 49.5   |
| N.H. Concord         | 20.1 | 21.2 | 31.8 | 43.0 | 54.8 | 64.1 | 69.0 | 66.5 | 58.8  | 48.0 | 36.7 | 24.0 | 44.8   |
| N.J. Atlantic City   | 35.8 | 35.4 | 41.5 | 49.4 | 59.1 | 68.7 | 73.6 | 73.1 | 68.3  | 68.0 | 48.1 | 38.2 | 54.1   |
| N. Mex. Albuquerque  | 33.7 | 39.5 | 46.0 | 55.5 | 65.3 | 74.9 | 79.0 | 76.9 | 69.9  | 68.9 | 58.2 | 44.0 | 56.6   |
| N.Y. Albany          | 25.2 | 25.6 | 35.8 | 47.3 | 59.4 | 68.7 | 73.1 | 71.3 | 63.8  | 52.5 | 41.4 | 29.1 | 49.4   |
| Buffalo              | 25.5 | 24.7 | 33.0 | 43.8 | 55.4 | 65.5 | 70.6 | 68.9 | 62.4  | 51.2 | 39.0 | 29.0 | 47.5   |
| New York             | 32.9 | 32.7 | 40.7 | 49.8 | 60.8 | 69.8 | 74.6 | 73.2 | 67.3  | 57.0 | 46.3 | 35.7 | 53.4   |
| N.C. Charlotte       | 42.3 | 44.4 | 51.0 | 60.7 | 68.3 | 76.6 | 78.6 | 77.3 | 72.6  | 61.5 | 50.4 | 43.0 | 60.5   |
| Raleigh              | 42.7 | 44.4 | 51.3 | 59.7 | 68.5 | 76.6 | 79.3 | 78.0 | 73.4  | 62.6 | 52.1 | 44.0 | 61.1   |
| N. Dak. Bismarck     | 9.2  | 12.7 | 26.3 | 43.1 | 54.8 | 64.3 | 72.1 | 69.3 | 58.5  | 45.7 | 28.4 | 15.5 | 41.7   |
| Ohio. Cincinnati     | 33.1 | 34.8 | 43.3 | 53.6 | 63.6 | 72.8 | 76.6 | 74.8 | 68.9  | 57.4 | 44.6 | 35.0 | 54.9   |
| Cleveland            | 29.5 | 30.1 | 37.7 | 48.0 | 59.1 | 69.3 | 73.7 | 72.2 | 66.3  | 55.5 | 43.8 | 32.9 | 51.5   |
| Columbus             | 31.1 | 32.6 | 41.1 | 51.4 | 62.2 | 72.0 | 75.8 | 73.8 | 67.8  | 56.1 | 43.2 | 33.8 | 53.4   |
| Okla. Oklahoma City  | 37.8 | 42.5 | 50.3 | 60.9 | 68.6 | 78.0 | 82.5 | 82.2 | 74.6  | 63.8 | 49.7 | 40.9 | 61.0   |
| Oreg. Portland       | 39.5 | 43.8 | 48.4 | 53.6 | 59.1 | 63.8 | 68.5 | 68.4 | 63.9  | 56.1 | 47.2 | 42.4 | 54.6   |
| Pa. Philadelphia     | 34.9 | 35.1 | 43.5 | 52.7 | 63.7 | 72.6 | 77.2 | 75.2 | 69.3  | 58.5 | 47.8 | 37.4 | 55.7   |
| Pittsburgh           | 33.0 | 33.6 | 41.6 | 51.8 | 62.6 | 71.7 | 75.4 | 73.1 | 67.9  | 55.9 | 44.6 | 35.3 | 53.9   |
| R.I. Providence      | 30.3 | 30.3 | 38.9 | 48.1 | 59.0 | 68.1 | 73.5 | 71.8 | 64.8  | 54.5 | 44.2 | 33.2 | 51.4   |
| S.C. Columbia        | 47.9 | 49.4 | 55.9 | 63.8 | 71.8 | 79.2 | 80.8 | 79.7 | 75.9  | 65.5 | 54.9 | 48.1 | 64.4   |
| S. Dak. Sioux Falls  | 14.2 | 19.6 | 32.0 | 46.4 | 58.1 | 68.0 | 74.8 | 72.4 | 62.4  | 50.0 | 32.2 | 19.4 | 48.8   |
| Tenn. Memphis        | 41.9 | 44.5 | 52.4 | 62.2 | 70.5 | 78.7 | 81.3 | 80.3 | 74.8  | 65.0 | 62.1 | 44.4 | 62.4   |
| Nashville            | 39.9 | 42.8 | 49.8 | 59.7 | 68.2 | 76.9 | 80.0 | 78.7 | 73.2  | 61.8 | 49.3 | 41.6 | 60.1   |
| Tex. Dallas          | 45.7 | 49.8 | 57.4 | 66.3 | 73.7 | 81.9 | 85.5 | 85.8 | 78.9  | 68.8 | 55.8 | 48.8 | 66.5   |
| El Paso              | 43.4 | 49.1 | 54.5 | 63.1 | 71.6 | 80.2 | 81.3 | 79.8 | 74.9  | 65.2 | 52.0 | 44.8 | 63.3   |
| Houston              | 53.8 | 57.7 | 62.0 | 69.5 | 76.9 | 81.8 | 83.8 | 84.2 | 80.2  | 72.6 | 61.9 | 55.8 | 70.0   |
| Utah. Salt Lake City | 26.6 | 33.4 | 41.1 | 50.1 | 58.9 | 67.1 | 76.6 | 74.4 | 64.2  | 52.9 | 39.3 | 31.5 | 51.3   |
| Vt. Burlington       | 17.9 | 18.1 | 29.3 | 42.3 | 55.4 | 65.5 | 70.4 | 68.1 | 59.9  | 48.2 | 36.4 | 22.8 | 44.5   |
| Va. Norfolk          | 43.1 | 43.5 | 50.5 | 59.9 | 67.3 | 76.0 | 78.7 | 77.8 | 73.4  | 63.0 | 53.2 | 44.6 | 60.7   |
| Richmond             | 39.6 | 40.9 | 48.2 | 56.8 | 66.5 | 74.7 | 77.9 | 76.3 | 71.2  | 60.0 | 49.8 | 40.8 | 58.6   |
| Seattle              | 40.7 | 43.5 | 47.0 | 51.8 | 57.3 | 61.8 | 65.6 | 65.2 | 61.0  | 54.4 | 47.0 | 43.1 | 53.2   |
| Spokane              | 24.9 | 29.7 | 38.1 | 46.3 | 54.7 | 61.4 | 69.6 | 67.9 | 69.2  | 67.6 | 35.7 | 29.1 | 47.1   |
| W. Va. Charleston    | 36.4 | 38.2 | 44.9 | 55.0 | 63.7 | 72.0 | 75.4 | 73.6 | 68.6  | 58.4 | 46.8 | 38.1 | 55.8   |
| Wis. Milwaukee       | 25.0 | 25.1 | 34.0 | 44.8 | 54.8 | 65.4 | 72.3 | 70.9 | 63.8  | 52.6 | 38.5 | 28.0 | 47.7   |
| Wyo. Cheyenne        | 25.5 | 27.7 | 31.8 | 41.1 | 50.1 | 60.3 | 68.1 | 66.8 | 57.4  | 46.4 | 35.1 | 23.7 | 44.9   |
| Alaska. Juneau       | 29.5 | 29.9 | 34.4 | 40.4 | 47.8 | 54.5 | 56.0 | 55.9 | 50.8  | 44.0 | 36.2 | 30.6 | 42.5   |
| Hawaii. Honolulu     | 72.0 | 72.0 | 72.2 | 73.3 | 75.1 | 76.9 | 77.9 | 78.5 | 78.3  | 77.5 | 75.2 | 73.3 | 75.2   |
| P.R. San Juan        | 74.9 | 74.9 | 75.6 | 76.6 | 78.7 | 79.5 | 80.0 | 80.5 | 80.5  | 80.1 | 78.4 | 76.5 | 78.0   |

Source: Department of Commerce, Weather Bureau; records.

No. 217. NORMAL MONTHLY MAXIMUM TEMPERATURE, FOR SELECTED CITIES

[In Fahrenheit degrees. Based on standard 30-year period (1921 to 1950)]

| STATION |                  | Jan. | Feb. | Mar. | Apr. | May  | June  | July  | Aug.  | Sept. | Oct. | Nov. | Dec. | Annual avg. |
|---------|------------------|------|------|------|------|------|-------|-------|-------|-------|------|------|------|-------------|
| Ala.    | Mobile           | 61.4 | 64.1 | 68.5 | 75.8 | 82.5 | 88.3  | 89.8  | 90.1  | 86.7  | 79.2 | 68.6 | 62.6 | 76.5        |
| Ariz.   | Phoenix          | 64.3 | 68.9 | 74.9 | 82.6 | 91.7 | 100.1 | 103.5 | 101.4 | 97.3  | 86.8 | 75.0 | 66.4 | 84.4        |
| Ark.    | Little Rock      | 51.1 | 55.4 | 63.4 | 73.4 | 80.5 | 89.1  | 92.7  | 92.4  | 86.4  | 76.5 | 62.4 | 53.5 | 73.1        |
| Calif.  | Los Angeles      | 64.6 | 65.7 | 68.5 | 70.9 | 74.1 | 77.2  | 83.2  | 83.7  | 81.6  | 76.8 | 73.0 | 67.1 | 73.9        |
|         | Sacramento       | 52.1 | 58.7 | 64.6 | 70.6 | 78.1 | 86.0  | 92.0  | 90.4  | 86.1  | 76.1 | 64.5 | 53.7 | 72.7        |
|         | San Francisco    | 55.4 | 58.7 | 61.0 | 62.0 | 63.1 | 65.2  | 64.4  | 64.8  | 68.4  | 68.0 | 63.8 | 57.0 | 62.7        |
| Colo.   | Denver           | 42.5 | 45.6 | 50.5 | 60.1 | 68.6 | 79.5  | 85.9  | 84.3  | 76.2  | 65.3 | 52.9 | 45.3 | 63.1        |
| Conn.   | Hartford         | 35.4 | 36.2 | 46.1 | 57.8 | 70.0 | 78.3  | 83.0  | 80.8  | 74.0  | 63.8 | 51.0 | 38.4 | 59.6        |
| Del.    | Wilmington       | 41.8 | 42.8 | 53.0 | 63.2 | 74.6 | 83.1  | 86.7  | 84.6  | 78.8  | 67.2 | 55.3 | 43.9 | 64.6        |
| D.C.    | Washington       | 44.0 | 45.6 | 55.0 | 64.9 | 75.5 | 83.7  | 87.1  | 85.0  | 79.1  | 68.2 | 56.5 | 45.6 | 65.9        |
| Fla.    | Jacksonville     | 65.9 | 67.6 | 72.4 | 77.7 | 83.5 | 88.3  | 89.6  | 89.1  | 86.0  | 78.8 | 71.0 | 66.3 | 78.0        |
|         | Miami            | 74.4 | 74.9 | 76.7 | 79.5 | 82.3 | 85.4  | 86.8  | 87.2  | 86.0  | 82.6 | 77.7 | 75.4 | 80.7        |
| Ga.     | Atlanta          | 52.5 | 55.1 | 62.3 | 70.8 | 78.7 | 85.9  | 87.3  | 86.4  | 82.3  | 72.2 | 60.4 | 53.0 | 70.6        |
| Idaho   | Boise            | 34.6 | 42.3 | 52.2 | 62.1 | 71.4 | 78.9  | 90.5  | 88.0  | 76.8  | 65.0 | 48.7 | 38.1 | 62.4        |
| Ill.    | Chicago          | 32.7 | 35.0 | 45.0 | 57.6 | 69.7 | 80.0  | 85.3  | 83.0  | 75.9  | 64.3 | 47.6 | 35.3 | 59.3        |
|         | Peoria           | 33.3 | 36.6 | 47.6 | 61.1 | 72.0 | 81.9  | 87.0  | 84.8  | 77.5  | 65.8 | 48.4 | 36.4 | 61.0        |
| Ind.    | Indianapolis     | 38.7 | 40.7 | 50.5 | 62.3 | 73.6 | 83.8  | 88.3  | 85.7  | 79.0  | 67.7 | 51.0 | 39.7 | 63.4        |
| Iowa    | Des Moines       | 31.4 | 35.5 | 46.5 | 61.0 | 72.1 | 81.0  | 87.6  | 84.4  | 76.8  | 65.7 | 47.9 | 35.1 | 60.4        |
| Kans.   | Wichita          | 41.3 | 47.8 | 56.4 | 67.0 | 75.3 | 86.0  | 92.3  | 91.7  | 82.9  | 70.8 | 55.1 | 44.6 | 67.6        |
| Ky.     | Louisville       | 43.2 | 45.8 | 55.2 | 66.1 | 75.4 | 84.1  | 87.9  | 86.2  | 80.7  | 69.6 | 54.8 | 44.9 | 66.2        |
| La.     | New Orleans      | 63.5 | 66.6 | 71.1 | 77.7 | 83.8 | 89.4  | 90.3  | 90.5  | 87.2  | 81.0 | 70.1 | 64.7 | 77.9        |
| Maine   | Portland         | 30.7 | 31.6 | 41.0 | 51.8 | 62.6 | 72.6  | 78.7  | 77.4  | 69.7  | 59.6 | 47.1 | 34.5 | 54.8        |
| Md.     | Baltimore        | 43.6 | 44.6 | 53.7 | 63.3 | 74.4 | 83.1  | 86.9  | 84.6  | 78.6  | 67.8 | 56.2 | 45.4 | 65.2        |
| Mass.   | Boston           | 36.5 | 36.5 | 45.2 | 54.9 | 66.3 | 75.9  | 80.0  | 79.4  | 72.6  | 61.1 | 51.6 | 36.7 | 58.5        |
| Mich.   | Detroit          | 33.1 | 33.8 | 43.1 | 55.9 | 68.1 | 78.3  | 83.5  | 81.4  | 74.0  | 62.2 | 47.1 | 35.7 | 58.0        |
|         | Sault Ste. Marie | 21.9 | 22.7 | 31.7 | 45.7 | 59.7 | 69.7  | 75.4  | 73.5  | 64.4  | 52.4 | 37.9 | 26.7 | 48.5        |
| Minn.   | Duluth           | 18.7 | 22.2 | 32.7 | 46.8 | 59.0 | 68.8  | 75.8  | 74.1  | 64.9  | 53.5 | 35.4 | 22.7 | 47.9        |
|         | Minneapolis      | 23.1 | 27.0 | 39.1 | 55.8 | 69.0 | 78.6  | 84.9  | 82.1  | 72.5  | 60.2 | 40.7 | 27.2 | 55.0        |
| Miss.   | Jackson          | 58.6 | 61.5 | 68.1 | 76.0 | 83.7 | 91.4  | 93.6  | 93.3  | 88.7  | 79.7 | 67.2 | 59.4 | 76.8        |
| Mo.     | Kansas City      | 39.0 | 44.3 | 54.1 | 66.0 | 75.3 | 85.2  | 91.2  | 89.3  | 81.1  | 70.2 | 53.9 | 42.3 | 60.8        |
|         | St. Louis        | 41.0 | 44.8 | 54.2 | 65.6 | 75.0 | 84.6  | 89.6  | 87.5  | 80.4  | 69.6 | 53.9 | 43.5 | 65.8        |
| Mont.   | Great Falls      | 30.8 | 35.0 | 40.7 | 55.5 | 64.8 | 70.5  | 83.2  | 80.9  | 73.0  | 63.9 | 50.9 | 37.0 | 56.0        |
| Nebr.   | Omaha            | 32.4 | 36.8 | 48.1 | 62.9 | 73.3 | 82.9  | 89.3  | 86.3  | 78.1  | 66.8 | 48.5 | 36.2 | 61.8        |
| Nev.    | Reno             | 45.7 | 50.9 | 56.5 | 65.1 | 73.2 | 80.8  | 91.8  | 90.1  | 82.3  | 70.2 | 57.1 | 47.2 | 67.6        |
| N.H.    | Concord          | 31.6 | 32.9 | 42.9 | 55.5 | 68.8 | 77.9  | 82.6  | 80.2  | 72.4  | 61.7 | 47.5 | 34.3 | 57.3        |
| N.J.    | Atlantic City    | 42.4 | 42.1 | 48.3 | 56.1 | 65.4 | 75.0  | 79.3  | 78.8  | 74.1  | 64.8 | 54.7 | 44.9 | 60.5        |
| N. Mex. | Albuquerque      | 45.6 | 52.3 | 59.6 | 69.4 | 78.9 | 88.9  | 91.6  | 89.2  | 82.2  | 71.2 | 56.7 | 47.4 | 69.4        |
| N.Y.    | Albany           | 32.9 | 33.7 | 44.2 | 56.7 | 69.6 | 78.7  | 82.6  | 81.0  | 73.4  | 62.0 | 48.6 | 36.1 | 58.3        |
|         | Buffalo          | 32.4 | 32.2 | 40.9 | 53.1 | 65.8 | 76.0  | 81.1  | 79.3  | 72.6  | 60.4 | 47.0 | 35.3 | 56.3        |
|         | New York         | 39.9 | 40.1 | 48.5 | 57.9 | 69.0 | 77.7  | 82.3  | 80.4  | 74.5  | 64.5 | 53.0 | 42.4 | 60.9        |
| N.C.    | Charlotte        | 52.2 | 54.9 | 62.4 | 71.4 | 79.8 | 87.6  | 88.8  | 87.4  | 83.1  | 73.1 | 61.4 | 53.0 | 71.3        |
|         | Raleigh          | 51.3 | 53.9 | 61.9 | 71.1 | 79.6 | 87.1  | 88.9  | 87.6  | 83.2  | 73.4 | 62.2 | 52.8 | 71.1        |
| N. Dak. | Bismarck         | 20.1 | 23.3 | 36.9 | 54.6 | 67.3 | 76.3  | 85.5  | 83.3  | 72.0  | 58.5 | 38.3 | 25.5 | 53.5        |
| Ohio    | Cincinnati       | 40.9 | 43.0 | 52.7 | 63.9 | 74.2 | 83.2  | 87.2  | 85.4  | 79.7  | 68.2 | 53.0 | 42.4 | 64.5        |
|         | Cleveland        | 36.0 | 36.8 | 44.8 | 55.8 | 66.9 | 76.9  | 80.9  | 78.9  | 73.7  | 62.7 | 50.2 | 38.4 | 58.5        |
|         | Columbus         | 38.2 | 40.1 | 49.8 | 61.2 | 72.2 | 81.8  | 85.8  | 83.5  | 77.6  | 65.7 | 50.8 | 40.1 | 62.2        |
| Okla.   | Oklahoma City    | 47.2 | 52.7 | 61.5 | 71.6 | 78.6 | 88.1  | 93.1  | 92.8  | 85.3  | 74.5 | 60.0 | 50.2 | 71.3        |
| Oreg.   | Portland         | 44.2 | 49.5 | 55.6 | 62.2 | 68.6 | 73.1  | 79.2  | 78.8  | 73.4  | 63.5 | 52.7 | 46.8 | 62.3        |
| Pa.     | Philadelphia     | 41.5 | 42.2 | 51.7 | 61.6 | 72.8 | 81.3  | 85.3  | 83.0  | 77.2  | 66.6 | 54.7 | 43.7 | 63.5        |
|         | Pittsburgh       | 40.2 | 41.4 | 50.5 | 61.9 | 73.0 | 81.5  | 85.1  | 82.6  | 77.0  | 65.3 | 52.1 | 41.7 | 62.7        |
| R.I.    | Providence       | 37.6 | 37.9 | 46.6 | 56.6 | 68.2 | 77.4  | 82.6  | 80.8  | 73.8  | 63.5 | 52.0 | 40.4 | 59.8        |
| S.C.    | Columbia         | 51.0 | 59.2 | 66.1 | 74.6 | 82.4 | 89.3  | 90.2  | 89.0  | 85.3  | 75.9 | 64.9 | 57.2 | 74.3        |
| S. Dak. | Sioux Falls      | 24.4 | 30.3 | 42.3 | 58.6 | 70.8 | 80.1  | 87.9  | 85.0  | 75.4  | 62.9 | 42.9 | 26.4 | 57.5        |
| Tenn.   | Memphis          | 49.3 | 51.7 | 60.7 | 70.6 | 78.9 | 87.0  | 89.4  | 88.4  | 83.1  | 74.1 | 60.1 | 51.7 | 70.4        |
|         | Nashville        | 48.9 | 51.6 | 60.1 | 70.5 | 79.1 | 87.7  | 90.6  | 89.4  | 84.6  | 73.8 | 59.2 | 50.5 | 70.5        |
| Tex.    | Dallas           | 55.3 | 59.5 | 68.1 | 76.6 | 83.5 | 91.5  | 95.4  | 96.1  | 89.2  | 79.6 | 66.3 | 57.8 | 76.6        |
|         | El Paso          | 55.8 | 62.2 | 68.2 | 76.9 | 85.4 | 93.8  | 93.5  | 91.6  | 87.0  | 78.1 | 65.5 | 56.9 | 76.2        |
|         | Houston          | 61.9 | 65.8 | 71.1 | 78.0 | 84.5 | 89.9  | 92.3  | 92.9  | 88.6  | 82.1 | 71.0 | 64.2 | 78.5        |
| Utah    | Salt Lake City   | 36.6 | 42.5 | 52.0 | 62.4 | 72.4 | 82.0  | 91.7  | 89.2  | 79.2  | 66.5 | 50.5 | 40.2 | 63.8        |
| Vt.     | Burlington       | 27.6 | 28.2 | 38.9 | 52.9 | 67.3 | 77.5  | 82.4  | 79.8  | 71.3  | 58.6 | 44.3 | 31.1 | 55.0        |
| Va.     | Norfolk          | 50.7 | 51.6 | 60.0 | 67.2 | 76.3 | 85.0  | 86.7  | 85.2  | 80.4  | 70.5 | 60.7 | 51.7 | 68.8        |
|         | Richmond         | 48.4 | 50.5 | 58.8 | 67.9 | 77.3 | 84.8  | 87.3  | 85.7  | 80.9  | 70.7 | 59.9 | 49.7 | 68.5        |
| Wash.   | Seattle          | 45.2 | 48.8 | 53.4 | 59.4 | 65.6 | 70.2  | 75.1  | 74.2  | 68.8  | 60.5 | 51.8 | 47.3 | 60.0        |
|         | Spokane          | 30.2 | 36.4 | 45.9 | 56.0 | 65.5 | 72.1  | 82.4  | 80.6  | 70.9  | 58.3 | 41.5 | 33.8 | 60.1        |
| W. Va.  | Charleston       | 46.3 | 48.7 | 56.6 | 68.2 | 77.0 | 84.5  | 87.3  | 85.6  | 81.4  | 70.6 | 56.6 | 47.5 | 67.5        |
| Wis.    | Milwaukee        | 30.0 | 32.1 | 40.9 | 52.3 | 63.3 | 74.1  | 80.1  | 78.2  | 71.0  | 59.9 | 45.0 | 33.2 | 56.0        |
| Wyo.    | Cheyenne         | 37.1 | 39.8 | 43.7 | 53.5 | 62.8 | 74.0  | 82.6  | 80.9  | 71.7  | 59.8 | 46.9 | 40.2 | 57.8        |
| Alaska  | Juneau           | 33.5 | 34.1 | 39.1 | 46.3 | 54.8 | 61.9  | 61.9  | 62.2  | 56.3  | 48.4 | 40.2 | 34.4 | 47.8        |
| Hawaii  | Honolulu         | 76.7 | 76.7 | 76.6 | 77.7 | 79.5 | 81.3  | 82.2  | 82.8  | 82.9  | 82.0 | 79.7 | 77.7 | 79.7        |
| P.R.    | San Juan         | 79.6 | 79.7 | 80.8 | 81.5 | 83.5 | 84.0  | 84.2  | 85.0  | 85.5  | 83.3 | 83.2 | 81.1 | 82.8        |

Source: Department of Commerce, Weather Bureau; records.

No. 218. NORMAL MONTHLY MINIMUM TEMPERATURE, FOR SELECTED CITIES

[In Fahrenheit degrees. Based on standard 30-year period (1921 to 1950)]

| STATION |                  | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual avg. |
|---------|------------------|------|------|------|------|------|------|------|------|-------|------|------|------|-------------|
| Ala.    | Mobile           | 44.8 | 46.8 | 51.6 | 58.9 | 66.0 | 72.6 | 74.0 | 73.9 | 70.6  | 60.5 | 50.2 | 45.6 | 59.6        |
| Ariz.   | Phoenix          | 38.2 | 42.5 | 46.9 | 53.8 | 61.4 | 69.8 | 77.5 | 76.3 | 69.0  | 57.4 | 45.1 | 40.4 | 55.6        |
| Ark.    | Little Rock      | 32.4 | 35.7 | 42.2 | 51.6 | 59.0 | 67.0 | 71.1 | 70.2 | 63.1  | 51.1 | 40.5 | 34.3 | 53.3        |
| Calif.  | Los Angeles      | 45.4 | 47.1 | 49.3 | 52.1 | 55.4 | 58.4 | 61.7 | 62.1 | 60.3  | 51.4 | 47.5 | 40.1 | 50.6        |
|         | Sacramento       | 38.3 | 42.4 | 48.1 | 47.8 | 51.8 | 56.3 | 58.6 | 57.6 | 50.5  | 41.4 | 44.0 | 36.7 | 49.1        |
|         | San Francisco    | 44.8 | 47.3 | 48.7 | 49.4 | 51.1 | 52.9 | 58.4 | 53.8 | 54.8  | 54.0 | 50.6 | 46.8 | 50.6        |
| Colo.   | Denver           | 20.3 | 23.3 | 28.0 | 37.1 | 45.9 | 55.0 | 61.5 | 60.4 | 51.1  | 40.6 | 29.6 | 22.9 | 38.6        |
| Conn.   | Hartford         | 18.5 | 18.7 | 27.6 | 37.0 | 47.7 | 57.1 | 62.3 | 60.0 | 52.2  | 41.3 | 32.3 | 21.9 | 36.7        |
| Del.    | Wilmington       | 24.7 | 24.6 | 32.0 | 40.4 | 51.0 | 60.4 | 65.0 | 62.9 | 57.1  | 45.2 | 35.7 | 26.2 | 45.8        |
| D.C.    | Washington       | 28.9 | 29.3 | 36.4 | 44.5 | 54.9 | 64.1 | 68.4 | 66.6 | 60.7  | 48.6 | 39.4 | 30.8 | 47.7        |
| Fla.    | Jacksonville     | 48.7 | 49.7 | 54.3 | 60.5 | 66.8 | 72.1 | 73.7 | 73.9 | 72.1  | 62.8 | 54.3 | 49.1 | 61.6        |
|         | Miami            | 62.6 | 62.5 | 64.8 | 68.6 | 71.9 | 75.2 | 76.4 | 76.9 | 76.0  | 72.6 | 66.8 | 63.6 | 69.8        |
| Ga.     | Atlanta          | 36.6 | 38.0 | 43.8 | 52.1 | 60.2 | 67.8 | 70.0 | 69.7 | 65.4  | 54.7 | 43.8 | 37.6 | 53.3        |
| Idaho   | Boise            | 19.9 | 25.6 | 31.3 | 37.7 | 44.7 | 51.3 | 59.1 | 56.9 | 48.0  | 40.2 | 30.4 | 23.8 | 39.1        |
| Ill.    | Chicago          | 17.1 | 19.8 | 29.0 | 38.6 | 48.7 | 58.8 | 63.9 | 62.3 | 55.0  | 45.5 | 31.0 | 20.7 | 41.0        |
|         | Peoria           | 16.7 | 19.9 | 29.0 | 39.9 | 50.0 | 59.9 | 64.4 | 62.5 | 55.0  | 45.6 | 36.1 | 26.6 | 45.5        |
| Ind.    | Indianapolis     | 23.4 | 25.5 | 33.2 | 43.1 | 53.3 | 63.2 | 67.6 | 66.0 | 50.4  | 43.9 | 20.4 | 17.0 | 40.5        |
| Iowa    | Des Moines       | 13.3 | 16.9 | 27.9 | 40.1 | 50.9 | 60.9 | 67.5 | 63.7 | 55.4  | 43.9 | 25.5 | 17.0 | 40.5        |
| Kans.   | Wichita          | 22.6 | 29.5 | 34.1 | 45.3 | 54.5 | 64.6 | 69.4 | 68.0 | 60.5  | 49.0 | 25.5 | 17.0 | 40.5        |
| Ky.     | Louisville       | 27.9 | 29.8 | 37.0 | 46.9 | 56.3 | 65.7 | 69.3 | 67.6 | 61.4  | 49.0 | 38.6 | 30.2 | 48.4        |
| La.     | New Orleans      | 48.3 | 50.4 | 54.8 | 61.8 | 68.4 | 74.4 | 75.8 | 70.2 | 73.4  | 65.4 | 54.8 | 40.5 | 62.8        |
| Maine   | Portland         | 10.6 | 11.3 | 21.9 | 31.9 | 42.0 | 51.0 | 56.9 | 55.3 | 47.4  | 37.2 | 27.8 | 15.7 | 34.1        |
| Md.     | Baltimore        | 29.0 | 23.9 | 36.8 | 45.3 | 56.2 | 65.5 | 70.0 | 68.2 | 62.2  | 50.7 | 41.1 | 32.1 | 49.0        |
| Mass.   | Boston           | 21.0 | 21.8 | 30.0 | 39.4 | 49.3 | 58.4 | 64.3 | 63.5 | 55.9  | 46.0 | 37.1 | 25.8 | 42.8        |
| Mich.   | Detroit          | 19.3 | 19.6 | 27.0 | 36.8 | 47.5 | 57.8 | 62.8 | 61.2 | 54.5  | 43.6 | 33.1 | 23.2 | 40.5        |
|         | Sault Ste. Marie | 5.7  | 4.3  | 14.2 | 27.8 | 38.1 | 46.5 | 52.3 | 52.3 | 45.9  | 36.4 | 26.7 | 13.0 | 30.1        |
| Minn.   | Duluth           | 1.9  | 4.3  | 16.4 | 29.7 | 39.5 | 48.5 | 55.8 | 55.5 | 47.3  | 36.8 | 26.1 | 7.3  | 36.4        |
|         | Minneapolis      | 6.1  | 9.4  | 22.7 | 36.2 | 48.0 | 57.8 | 63.5 | 60.8 | 51.8  | 40.6 | 26.2 | 11.5 | 36.1        |
| Miss.   | Jackson          | 37.9 | 40.4 | 45.5 | 53.7 | 60.8 | 68.3 | 70.9 | 68.7 | 64.7  | 53.1 | 43.1 | 38.6 | 53.9        |
| Mo.     | Kansas City      | 21.0 | 24.8 | 33.5 | 45.6 | 55.6 | 65.6 | 70.6 | 68.7 | 60.1  | 49.0 | 34.7 | 25.1 | 46.2        |
|         | St. Louis        | 25.6 | 28.5 | 36.4 | 47.3 | 57.3 | 66.9 | 71.6 | 69.7 | 62.4  | 51.5 | 38.0 | 28.8 | 48.7        |
| Mont.   | Great Falls      | 12.8 | 15.5 | 20.9 | 33.1 | 42.1 | 45.6 | 50.1 | 53.8 | 46.1  | 37.9 | 26.8 | 20.3 | 34.5        |
| Nebr.   | Omaha            | 13.5 | 17.5 | 28.3 | 41.5 | 52.1 | 62.3 | 65.1 | 65.1 | 56.9  | 47.2 | 20.3 | 18.6 | 41.3        |
| Nev.    | Reno             | 16.6 | 21.0 | 24.6 | 30.3 | 37.3 | 42.1 | 47.3 | 44.7 | 38.7  | 31.2 | 23.9 | 10.1 | 31.3        |
| N.H.    | Concord          | 8.6  | 9.8  | 20.7 | 30.4 | 40.7 | 50.2 | 55.3 | 52.8 | 45.2  | 34.3 | 25.8 | 13.6 | 32.4        |
| N.J.    | Atlantic City    | 29.1 | 28.6 | 34.7 | 42.0 | 52.7 | 62.4 | 67.7 | 67.4 | 62.4  | 51.2 | 41.4 | 31.4 | 47.7        |
| N.Mex.  | Albuquerque      | 21.8 | 26.7 | 32.3 | 41.5 | 51.0 | 60.9 | 66.4 | 64.6 | 57.5  | 45.2 | 34.2 | 22.0 | 43.7        |
| N.Y.    | Albany           | 17.4 | 17.4 | 27.3 | 37.8 | 49.1 | 58.6 | 63.6 | 61.5 | 54.1  | 43.0 | 32.7 | 22.6 | 38.5        |
|         | Buffalo          | 18.5 | 17.1 | 25.1 | 34.4 | 44.9 | 55.0 | 60.0 | 58.5 | 52.2  | 42.0 | 30.5 | 23.9 | 45.6        |
|         | New York         | 25.8 | 26.3 | 32.8 | 41.7 | 52.5 | 61.8 | 66.9 | 65.0 | 60.1  | 49.6 | 35.5 | 33.0 | 49.0        |
| N.C.    | Charlotte        | 32.3 | 33.8 | 39.5 | 47.9 | 56.8 | 65.0 | 68.3 | 67.2 | 62.1  | 49.8 | 39.4 | 31.0 | 49.0        |
|         | Raleigh          | 34.0 | 34.9 | 40.7 | 48.3 | 57.4 | 66.1 | 69.6 | 68.3 | 63.6  | 51.7 | 41.0 | 35.1 | 51.6        |
| N.Dak.  | Bismarck         | 1.8  | 2.1  | 16.6 | 31.6 | 42.2 | 52.2 | 58.6 | 55.2 | 44.9  | 32.9 | 18.5 | 5.5  | 29.9        |
| Ohio    | Cincinnati       | 25.2 | 26.6 | 33.8 | 43.3 | 52.9 | 62.4 | 65.9 | 64.2 | 58.0  | 46.5 | 36.2 | 27.5 | 45.2        |
|         | Cleveland        | 23.0 | 23.3 | 30.5 | 40.1 | 51.2 | 61.7 | 66.5 | 65.5 | 58.8  | 48.3 | 37.3 | 27.3 | 44.5        |
|         | Columbus         | 23.9 | 25.0 | 32.4 | 41.6 | 52.2 | 62.1 | 66.8 | 64.1 | 57.9  | 46.5 | 35.6 | 30.5 | 44.5        |
| Okla.   | Oklahoma City    | 28.3 | 32.3 | 39.0 | 50.2 | 58.5 | 67.0 | 71.3 | 71.0 | 63.8  | 53.1 | 39.4 | 31.6 | 50.6        |
| Oreg.   | Portland         | 34.7 | 38.0 | 41.1 | 44.9 | 49.6 | 54.4 | 57.5 | 57.9 | 54.4  | 48.7 | 41.7 | 37.9 | 46.8        |
| Pa.     | Philadelphia     | 28.2 | 28.0 | 35.2 | 43.8 | 54.5 | 63.8 | 69.0 | 67.3 | 61.3  | 50.4 | 40.8 | 31.0 | 45.0        |
|         | Pittsburgh       | 25.8 | 25.7 | 32.7 | 41.6 | 52.2 | 61.8 | 66.4 | 63.0 | 58.7  | 46.5 | 37.0 | 26.0 | 43.0        |
| R.I.    | Providence       | 23.0 | 22.7 | 31.1 | 39.6 | 49.8 | 58.7 | 64.0 | 62.7 | 55.7  | 44.5 | 36.4 | 25.0 | 43.0        |
| S.C.    | Columbia         | 38.7 | 39.5 | 45.6 | 53.0 | 61.2 | 69.0 | 71.3 | 70.4 | 66.5  | 55.0 | 44.8 | 38.0 | 54.0        |
| S.Dak.  | Sioux Falls      | 4.0  | 8.7  | 21.6 | 34.1 | 45.4 | 55.8 | 61.6 | 59.8 | 49.4  | 37.7 | 21.4 | 9.3  | 34.0        |
| Tenn.   | Memphis          | 34.5 | 37.3 | 44.1 | 53.8 | 62.1 | 70.4 | 73.2 | 72.2 | 66.4  | 55.9 | 44.0 | 37.1 | 54.3        |
|         | Nashville        | 30.9 | 33.0 | 39.5 | 48.8 | 57.2 | 66.1 | 69.3 | 68.0 | 61.8  | 49.8 | 38.3 | 32.6 | 49.7        |
| Tex.    | Dallas           | 36.0 | 40.0 | 46.7 | 56.0 | 63.9 | 72.3 | 76.6 | 75.5 | 68.6  | 57.9 | 45.3 | 38.7 | 56.4        |
|         | El Paso          | 30.9 | 36.0 | 40.8 | 49.2 | 57.8 | 66.5 | 69.0 | 68.0 | 62.8  | 52.2 | 38.4 | 32.7 | 50.4        |
|         | Houston          | 45.7 | 49.5 | 54.0 | 61.0 | 67.3 | 73.6 | 76.2 | 75.0 | 71.4  | 63.1 | 52.8 | 47.4 | 61.4        |
| Utah    | Salt Lake City   | 21.1 | 20.3 | 32.8 | 40.4 | 48.2 | 55.5 | 64.7 | 62.6 | 52.8  | 42.8 | 31.9 | 25.5 | 42.1        |
| Vt.     | Burlington       | 8.2  | 8.0  | 19.6 | 31.6 | 43.4 | 53.5 | 58.4 | 56.3 | 48.4  | 37.8 | 28.4 | 14.6 | 34.0        |
| Va.     | Norfolk          | 35.4 | 35.4 | 41.0 | 48.5 | 58.2 | 66.9 | 70.7 | 70.3 | 66.4  | 55.5 | 45.6 | 37.9 | 48.6        |
|         | Richmond         | 30.7 | 31.2 | 37.6 | 46.6 | 56.6 | 64.6 | 68.4 | 66.9 | 61.5  | 49.2 | 38.2 | 31.0 | 46.3        |
| Wash.   | Seattle          | 36.2 | 38.1 | 40.5 | 44.1 | 48.9 | 53.4 | 56.1 | 56.2 | 53.2  | 42.1 | 29.8 | 24.3 | 38.0        |
|         | Spokane          | 19.6 | 23.0 | 30.2 | 36.6 | 43.8 | 50.6 | 58.5 | 58.1 | 47.5  | 36.8 | 26.0 | 20.0 | 43.0        |
| W. Va.  | Charleston       | 26.5 | 27.7 | 33.1 | 41.8 | 50.3 | 59.5 | 63.5 | 61.7 | 55.7  | 44.3 | 35.0 | 30.3 | 40.3        |
| Wis.    | Milwaukee        | 16.0 | 18.0 | 27.0 | 37.2 | 46.2 | 56.6 | 64.4 | 63.0 | 56.5  | 45.3 | 35.0 | 20.3 | 40.3        |
| Wyo.    | Cheyenne         | 13.8 | 15.6 | 19.9 | 28.7 | 37.3 | 46.5 | 53.6 | 52.6 | 43.1  | 32.9 | 23.2 | 17.1 | 32.0        |
| Alaska  | Juneau           | 25.5 | 25.7 | 29.6 | 34.5 | 40.7 | 47.1 | 50.1 | 49.5 | 45.3  | 39.5 | 32.1 | 26.8 | 37.2        |
| Hawaii  | Honolulu         | 67.2 | 67.2 | 67.6 | 68.8 | 70.6 | 72.4 | 73.5 | 74.1 | 73.7  | 72.9 | 70.7 | 68.9 | 70.6        |
| P.R.    | San Juan         | 70.2 | 70.0 | 70.6 | 71.7 | 73.8 | 75.0 | 75.7 | 76.0 | 75.4  | 74.8 | 73.5 | 71.8 | 73.2        |

Source: Department of Commerce, Weather Bureau; records.

No. 219. HIGHEST TEMPERATURE OF RECORD, FOR SELECTED CITIES

[In Fahrenheit degrees. For period of record through 1957]

| STATION |                  | Length of record (yrs.) | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---------|------------------|-------------------------|------|------|------|------|-----|------|------|------|-------|------|------|------|--------|
| Ala.    | Mobile           | 16                      | 84   | 82   | 90   | 92   | 100 | 102  | 104  | 102  | 98    | 93   | 85   | 80   | 104    |
| Ariz.   | Phoenix          | 20                      | 85   | 88   | 92   | 104  | 113 | 117  | 116  | 115  | 118   | 104  | 91   | 88   | 118    |
| Ark.    | Little Rock      | 16                      | 83   | 82   | 86   | 92   | 96  | 104  | 107  | 107  | 106   | 94   | 86   | 80   | 107    |
| Calif.  | Los Angeles      | 17                      | 86   | 90   | 88   | 91   | 99  | 104  | 102  | 101  | 110   | 104  | 95   | 87   | 110    |
|         | Sacramento       | 24                      | 70   | 74   | 82   | 94   | 102 | 112  | 109  | 109  | 109   | 102  | 83   | 71   | 112    |
|         | San Francisco    | 21                      | 75   | 75   | 83   | 86   | 91  | 92   | 84   | 87   | 90    | 80   | 84   | 71   | 97     |
| Colo.   | Denver           | 86                      | 76   | 77   | 82   | 86   | 95  | 100  | 102  | 105  | 97    | 90   | 79   | 79   | 105    |
| Conn.   | Hartford         | 53                      | 70   | 72   | 86   | 91   | 94  | 100  | 101  | 101  | 101   | 91   | 83   | 67   | 101    |
| Del.    | Wilmington       | 10                      | 75   | 74   | 86   | 85   | 93  | 99   | 102  | 101  | 100   | 91   | 85   | 71   | 102    |
| D.C.    | Washington       | 86                      | 80   | 84   | 93   | 95   | 97  | 102  | 100  | 106  | 104   | 96   | 87   | 74   | 100    |
| Fla.    | Jacksonville     | 86                      | 85   | 87   | 91   | 93   | 99  | 103  | 105  | 102  | 100   | 96   | 87   | 84   | 105    |
|         | Miami            | 47                      | 83   | 85   | 88   | 91   | 92  | 94   | 95   | 94   | 93    | 91   | 88   | 85   | 95     |
| Ga.     | Atlanta          | 79                      | 79   | 79   | 87   | 93   | 97  | 102  | 103  | 102  | 102   | 95   | 82   | 75   | 103    |
| Idaho   | Boise            | 18                      | 63   | 66   | 76   | 92   | 95  | 109  | 106  | 105  | 102   | 88   | 73   | 62   | 109    |
| Ill.    | Chicago          | 15                      | 67   | 69   | 82   | 84   | 94  | 104  | 103  | 101  | 101   | 91   | 81   | 65   | 104    |
|         | Peoria           | 102                     | 71   | 74   | 87   | 92   | 104 | 105  | 113  | 106  | 104   | 92   | 81   | 71   | 113    |
| Ind.    | Indianapolis     | 20                      | 71   | 72   | 81   | 88   | 93  | 102  | 104  | 100  | 100   | 90   | 81   | 69   | 104    |
| Iowa    | Des Moines       | 79                      | 65   | 73   | 83   | 92   | 105 | 103  | 110  | 110  | 102   | 93   | 82   | 69   | 110    |
| Kans.   | Wichita          | 4                       | 68   | 80   | 89   | 94   | 99  | 106  | 113  | 107  | 103   | 95   | 80   | 83   | 113    |
| Ky.     | Louisville       | 85                      | 79   | 78   | 88   | 91   | 98  | 103  | 107  | 105  | 104   | 92   | 83   | 74   | 107    |
| La.     | New Orleans      | 84                      | 83   | 85   | 90   | 91   | 97  | 102  | 102  | 100  | 99    | 94   | 89   | 84   | 102    |
| Maine   | Portland         | 17                      | 64   | 64   | 86   | 85   | 92  | 97   | 98   | 100  | 95    | 87   | 73   | 60   | 100    |
| Md.     | Baltimore        | 86                      | 79   | 83   | 90   | 94   | 98  | 105  | 107  | 105  | 101   | 97   | 87   | 75   | 107    |
| Mass.   | Boston           | 86                      | 72   | 68   | 86   | 89   | 97  | 100  | 104  | 101  | 102   | 90   | 83   | 69   | 104    |
| Mich.   | Detroit          | 24                      | 67   | 68   | 82   | 87   | 93  | 104  | 105  | 101  | 100   | 89   | 81   | 64   | 108    |
|         | Sault Ste. Marie | 16                      | 43   | 45   | 75   | 82   | 85  | 92   | 92   | 98   | 93    | 80   | 66   | 51   | 96     |
| Minn.   | Duluth           | 83                      | 55   | 58   | 81   | 86   | 95  | 97   | 100  | 97   | 104   | 89   | 75   | 63   | 104    |
|         | Minneapolis      | 20                      | 58   | 59   | 78   | 92   | 95  | 100  | 104  | 102  | 98    | 89   | 76   | 63   | 106    |
| Miss.   | Jackson          | 18                      | 85   | 82   | 88   | 93   | 99  | 103  | 104  | 106  | 103   | 96   | 86   | 84   | 106    |
| Mo.     | Kansas City      | 24                      | 75   | 76   | 89   | 91   | 103 | 108  | 112  | 113  | 109   | 98   | 83   | 74   | 113    |
|         | St. Louis        | 22                      | 75   | 76   | 87   | 91   | 98  | 104  | 112  | 110  | 102   | 93   | 83   | 75   | 112    |
| Mont.   | Great Falls      | 20                      | 62   | 67   | 72   | 87   | 88  | 99   | 102  | 105  | 94    | 91   | 72   | 60   | 105    |
| Nebr.   | Omaha            | 22                      | 69   | 69   | 88   | 91   | 99  | 105  | 114  | 110  | 104   | 96   | 80   | 72   | 114    |
| Ne v.   | Reno             | 16                      | 68   | 70   | 77   | 87   | 94  | 100  | 104  | 102  | 101   | 88   | 77   | 69   | 104    |
| N. H.   | Concord          | 87                      | 72   | 68   | 85   | 92   | 98  | 101  | 102  | 100  | 98    | 92   | 80   | 65   | 102    |
| N. J.   | Atlantic City    | 84                      | 68   | 77   | 84   | 90   | 95  | 99   | 102  | 104  | 94    | 91   | 80   | 68   | 104    |
| N. Mex. | Albuquerque      | 18                      | 67   | 72   | 81   | 88   | 98  | 101  | 104  | 100  | 98    | 87   | 74   | 68   | 104    |
| N. Y.   | Albany           | 19                      | 64   | 63   | 85   | 93   | 92  | 99   | 100  | 99   | 100   | 91   | 82   | 62   | 100    |
|         | Buffalo          | 84                      | 72   | 68   | 81   | 86   | 94  | 97   | 96   | 99   | 98    | 92   | 76   | 70   | 96     |
|         | New York         | 87                      | 71   | 73   | 84   | 91   | 95  | 97   | 102  | 102  | 100   | 90   | 81   | 69   | 102    |
| N. C.   | Charlotte        | 79                      | 70   | 82   | 91   | 96   | 98  | 103  | 103  | 103  | 104   | 98   | 85   | 79   | 104    |
|         | Charlotte        | 71                      | 80   | 82   | 94   | 95   | 99  | 104  | 105  | 103  | 104   | 98   | 88   | 79   | 105    |
| N. Dak. | Bismarck         | 18                      | 54   | 62   | 81   | 92   | 98  | 99   | 107  | 109  | 103   | 95   | 73   | 60   | 109    |
| Ohio    | Cincinnati       | 42                      | 77   | 76   | 88   | 90   | 95  | 102  | 109  | 103  | 101   | 92   | 83   | 71   | 109    |
|         | Cleveland        | 17                      | 73   | 69   | 83   | 88   | 92  | 101  | 103  | 102  | 101   | 90   | 82   | 69   | 103    |
|         | Columbus         | 79                      | 74   | 73   | 85   | 90   | 96  | 102  | 106  | 103  | 100   | 91   | 80   | 70   | 106    |
| Okla.   | Oklahoma City    | 18                      | 80   | 81   | 93   | 95   | 95  | 105  | 109  | 107  | 107   | 96   | 84   | 86   | 109    |
| Oreg.   | Portland         | 55                      | 65   | 68   | 83   | 93   | 99  | 102  | 107  | 102  | 102   | 90   | 71   | 65   | 107    |
| Pa.     | Philadelphia     | 16                      | 74   | 74   | 87   | 92   | 96  | 100  | 102  | 101  | 100   | 96   | 79   | 72   | 102    |
|         | Pittsburgh       | 5                       | 60   | 69   | 72   | 87   | 87  | 94   | 99   | 97   | 97    | 83   | 72   | 66   | 99     |
| R. I.   | Providence       | 53                      | 68   | 69   | 90   | 91   | 95  | 101  | 101  | 102  | 99    | 90   | 82   | 68   | 102    |
| S. C.   | Columbia         | 70                      | 82   | 83   | 93   | 96   | 102 | 107  | 107  | 106  | 106   | 101  | 88   | 81   | 107    |
| S. Dak. | Sioux Falls      | 65                      | 62   | 66   | 88   | 98   | 104 | 105  | 110  | 109  | 104   | 92   | 79   | 62   | 110    |
| Tenn.   | Memphis          | 83                      | 79   | 80   | 87   | 91   | 98  | 104  | 106  | 105  | 103   | 95   | 85   | 79   | 105    |
|         | Nashville        | 87                      | 78   | 79   | 89   | 90   | 96  | 106  | 107  | 105  | 105   | 94   | 85   | 76   | 107    |
| Tex.    | Dallas           | 17                      | 88   | 88   | 96   | 99   | 105 | 111  | 109  | 105  | 99    | 89   | 89   | 89   | 111    |
|         | El Paso          | 18                      | 75   | 81   | 88   | 95   | 104 | 107  | 107  | 103  | 103   | 93   | 84   | 75   | 107    |
|         | Houston          | 19                      | 82   | 90   | 96   | 92   | 95  | 99   | 105  | 103  | 99    | 97   | 89   | 83   | 105    |
| Utah    | Salt Lake City   | 29                      | 60   | 68   | 78   | 85   | 93  | 103  | 106  | 103  | 98    | 87   | 88   | 66   | 106    |
| Vt.     | Burlington       | 51                      | 63   | 60   | 84   | 86   | 92  | 96   | 100  | 101  | 95    | 85   | 75   | 67   | 101    |
| Va.     | Norfolk          | 87                      | 80   | 82   | 92   | 95   | 98  | 103  | 104  | 105  | 100   | 95   | 87   | 78   | 105    |
|         | Richmond         | 60                      | 80   | 82   | 94   | 96   | 98  | 104  | 105  | 107  | 103   | 99   | 87   | 78   | 107    |
| Wash.   | Seattle          | 24                      | 66   | 70   | 75   | 87   | 92  | 100  | 100  | 96   | 92    | 78   | 70   | 65   | 100    |
|         | Spokane          | 10                      | 51   | 55   | 68   | 84   | 90  | 96   | 100  | 98   | 96    | 80   | 61   | 54   | 100    |
| W. Va.  | Charleston       | 49                      | 81   | 80   | 92   | 96   | 98  | 105  | 108  | 108  | 104   | 96   | 88   | 79   | 108    |
| Wis.    | Milwaukee        | 17                      | 62   | 60   | 81   | 82   | 90  | 99   | 101  | 100  | 98    | 86   | 77   | 63   | 101    |
| Wyo.    | Cheyenne         | 22                      | 63   | 70   | 73   | 78   | 89  | 100  | 100  | 96   | 92    | 82   | 73   | 60   | 100    |
| Alaska  | Juneau           | 14                      | 48   | 48   | 51   | 66   | 82  | 83   | 84   | 83   | 72    | 61   | 50   | 54   | 84     |
| Hawaii  | Honolulu         | 35                      | 83   | 82   | 83   | 83   | 84  | 85   | 87   | 88   | 88    | 87   | 85   | 85   | 88     |
| P.R.    | San Juan         | 59                      | 88   | 91   | 91   | 93   | 94  | 98   | 92   | 93   | 94    | 94   | 93   | 90   | 94     |

Source: Department of Commerce, Weather Bureau; records.

No. 220. LOWEST TEMPERATURE OF RECORD, FOR SELECTED CITIES

[In Fahrenheit degrees. For period of record through 1957]

| STATION |                  | Length of record (yrs.) | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---------|------------------|-------------------------|------|------|------|------|-----|------|------|------|-------|------|------|------|--------|
| Ala.    | Mobile           | 16                      | 14   | 11   | 21   | 36   | 45  | 56   | 60   | 59   | 47    | 32   | 22   | 18   | 11     |
| Ariz.   | Phoenix          | 20                      | 17   | 22   | 29   | 32   | 42  | 50   | 61   | 60   | 49    | 36   | 25   | 22   | 17     |
| Ark.    | Little Rock      | 16                      | 7    | -5   | 11   | 32   | 41  | 52   | 56   | 57   | 37    | 31   | 17   | 9    | -5     |
| Calif.  | Los Angeles      | 17                      | 28   | 34   | 38   | 42   | 47  | 50   | 54   | 53   | 51    | 46   | 42   | 32   | 28     |
|         | Sacramento       | 24                      | 22   | 26   | 31   | 34   | 37  | 44   | 51   | 50   | 44    | 34   | 30   | 23   | 22     |
|         | San Francisco    | 21                      | 30   | 36   | 38   | 42   | 44  | 47   | 47   | 48   | 48    | 45   | 42   | 37   | 30     |
| Colo.   | Denver           | 86                      | -29  | -25  | -11  | 4    | 19  | 31   | 42   | 40   | 21    | -2   | -18  | -25  | -29    |
| Conn.   | Hartford         | 53                      | -17  | -24  | -4   | 11   | 28  | 38   | 48   | 38   | 30    | 18   | 6    | -18  | -24    |
| Del.    | Wilmington       | 10                      | -4   | 2    | 10   | 23   | 34  | 45   | 50   | 48   | 37    | 26   | 14   | 6    | -4     |
| D.C.    | Washington       | 86                      | -14  | -15  | 4    | 15   | 33  | 43   | 52   | 49   | 36    | 20   | 11   | -13  | -15    |
| Fla.    | Jacksonville     | 86                      | 15   | 10   | 25   | 34   | 46  | 54   | 64   | 64   | 49    | 37   | 22   | 14   | 10     |
|         | Miami            | 47                      | 31   | 27   | 34   | 44   | 50  | 65   | 65   | 66   | 67    | 52   | 36   | 30   | 27     |
| Ga.     | Atlanta          | 78                      | -2   | -9   | 8    | 25   | 38  | 39   | 58   | 55   | 43    | 28   | 3    | 1    | -9     |
| Idaho   | Boise            | 19                      | -17  | -10  | 10   | 21   | 27  | 34   | 41   | 41   | 27    | 20   | -3   | -1   | -17    |
| Ill.    | Chicago          | 15                      | -15  | -15  | -7   | 19   | 30  | 35   | 49   | 46   | 36    | 20   | -2   | -12  | -15    |
|         | Peoria           | 102                     | -27  | -26  | -11  | 14   | 28  | 35   | 46   | 41   | 24    | 7    | -1   | -24  | -27    |
| Ind.    | Indianapolis     | 20                      | -12  | -19  | -6   | 16   | 29  | 39   | 44   | 42   | 28    | 17   | -2   | -15  | -19    |
| Iowa    | Des Moines       | 79                      | -30  | -26  | -12  | 11   | 26  | 37   | 48   | 40   | 26    | 7    | -10  | -21  | -30    |
| Kans.   | Wichita          | 4                       | -1   | 4    | 6    | 24   | 33  | 44   | 59   | 48   | 43    | 23   | 10   | 7    | -1     |
| Ky.     | Louisville       | 85                      | -20  | -19  | 3    | 21   | 33  | 43   | 49   | 45   | 33    | 23   | -1   | -7   | -20    |
| La.     | New Orleans      | 84                      | 15   | 7    | 28   | 38   | 50  | 58   | 66   | 63   | 54    | 40   | 29   | 19   | 7      |
| Maine   | Portland         | 17                      | -21  | -39  | -21  | 8    | 23  | 33   | 41   | 38   | 23    | 18   | 9    | -15  | -39    |
| Md.     | Baltimore        | 87                      | -6   | -7   | 5    | 15   | 34  | 46   | 54   | 51   | 39    | 30   | 12   | -3   | -7     |
| Mass.   | Boston           | 86                      | -13  | -18  | -8   | 11   | 31  | 41   | 50   | 46   | 34    | 25   | -2   | -7   | -18    |
| Mich.   | Detroit          | 24                      | -9   | -16  | -1   | 14   | 30  | 38   | 48   | 43   | 32    | 25   | 7    | -3   | -16    |
|         | Sault Ste. Marie | 16                      | -24  | -25  | -24  | 1    | 23  | 31   | 36   | 32   | 26    | 20   | -5   | -20  | -25    |
| Minn.   | Duluth           | 83                      | -41  | -36  | -20  | -5   | 16  | 31   | 41   | 38   | 25    | 8    | -29  | -35  | -41    |
|         | Minneapolis      | 20                      | -31  | -28  | -17  | 9    | 26  | 34   | 48   | 40   | 26    | 18   | -9   | -22  | -31    |
| Miss.   | Jackson          | 18                      | -5   | 1    | 17   | 30   | 42  | 48   | 57   | 54   | 41    | 28   | 18   | 16   | -5     |
| Mo.     | Kansas City      | 24                      | -13  | -13  | -3   | 16   | 32  | 44   | 54   | 49   | 34    | 24   | 5    | -4   | -13    |
|         | St. Louis        | 22                      | -12  | -8   | 5    | 20   | 35  | 48   | 56   | 54   | 36    | 27   | 7    | 1    | -12    |
| Mont.   | Great Falls      | 20                      | -33  | -35  | -20  | -6   | 15  | 31   | 42   | 35   | 25    | 7    | -23  | -23  | -35    |
| Nebr.   | Omaha            | 22                      | -21  | -19  | -16  | 10   | 29  | 39   | 51   | 43   | 30    | 20   | -3   | -12  | -21    |
| Nev.    | Reno             | 16                      | -16  | -9   | -2   | 13   | 20  | 25   | 35   | 32   | 21    | 13   | 7    | -5   | -16    |
| N.H.    | Concord          | 87                      | -35  | -37  | -16  | 7    | 21  | 32   | 38   | 38   | 20    | 16   | -17  | -24  | -37    |
| N.J.    | Atlantic City    | 84                      | -4   | -9   | 8    | 15   | 33  | 45   | 62   | 48   | 37    | 29   | 10   | 7    | -9     |
| N. Mex. | Albuquerque      | 18                      | 1    | -5   | 8    | 19   | 34  | 45   | 55   | 53   | 39    | 26   | 10   | 7    | -5     |
| N.Y.    | Albany           | 19                      | -26  | -22  | -21  | 14   | 27  | 35   | 44   | 35   | 24    | 19   | -11  | -19  | -26    |
|         | Buffalo          | 84                      | -14  | -21  | -4   | 5    | 25  | 35   | 43   | 43   | 32    | 24   | 2    | 9    | -21    |
|         | New York         | 87                      | -6   | -14  | 3    | 12   | 34  | 44   | 54   | 51   | 39    | 27   | 7    | -18  | -14    |
| N.C.    | Charlotte        | 79                      | -1   | -5   | 14   | 24   | 37  | 45   | 55   | 53   | 38    | 26   | 14   | -5   | -5     |
|         | Raleigh          | 71                      | -2   | -2   | 13   | 28   | 32  | 44   | 53   | 49   | 37    | 25   | 14   | 0    | -2     |
| N. Dak. | Bismarck         | 18                      | -44  | -34  | -81  | -2   | 19  | 33   | 39   | 37   | 16    | 6    | -19  | -36  | -44    |
| Ohio    | Cincinnati       | 42                      | -17  | -9   | 6    | 18   | 32  | 40   | 50   | 43   | 32    | 20   | 1    | -13  | -17    |
|         | Cleveland        | 17                      | -9   | -8   | -5   | 19   | 29  | 38   | 46   | 44   | 32    | 25   | 7    | -9   | -9     |
|         | Columbus         | 79                      | -20  | -20  | -1   | 15   | 28  | 39   | 44   | 42   | 31    | 17   | -5   | -14  | -20    |
| Okla.   | Oklahoma City    | 18                      | -10  | -1   | 1    | 20   | 32  | 47   | 56   | 51   | 37    | 22   | 13   | 5    | -10    |
| Orag.   | Portland         | 55                      | 6    | 7    | 22   | 30   | 36  | 41   | 43   | 44   | 35    | 29   | 15   | 3    | 3      |
| Pa.     | Philadelphia     | 16                      | 2    | 3    | 7    | 24   | 33  | 44   | 62   | 50   | 36    | 28   | 16   | 1    | 1      |
|         | Pittsburgh       | 5                       | -6   | -7   | 12   | 20   | 32  | 43   | 49   | 46   | 34    | 29   | 9    | 5    | -7     |
| R.I.    | Providence       | 53                      | -9   | -17  | 2    | 11   | 29  | 39   | 49   | 44   | 33    | 25   | 9    | -12  | -17    |
| S.C.    | Columbia         | 70                      | 6    | -2   | 17   | 28   | 38  | 47   | 54   | 54   | 42    | 23   | 16   | 8    | -2     |
| S. Dak. | Sioux Falls      | 65                      | -38  | -42  | -23  | 4    | 20  | 32   | 34   | 34   | 13    | -5   | -13  | -31  | -42    |
| Tenn.   | Memphis          | 83                      | -8   | -11  | 12   | 27   | 38  | 50   | 62   | 48   | 36    | 25   | 9    | 2    | -11    |
|         | Nashville        | 87                      | -10  | -13  | 3    | 25   | 36  | 42   | 51   | 47   | 36    | 26   | -1   | -2   | -13    |
| Tex.    | Dallas           | 17                      | 2    | 7    | 11   | 31   | 39  | 53   | 61   | 61   | 36    | 80   | 17   | 12   | 2      |
|         | El Paso          | 18                      | -6   | 8    | 18   | 28   | 38  | 50   | 60   | 59   | 41    | 32   | 16   | 5    | -6     |
|         | Houston          | 19                      | 10   | 14   | 21   | 39   | 46  | 57   | 68   | 63   | 45    | 40   | 29   | 20   | 10     |
| Utah    | Salt Lake City   | 29                      | -22  | -30  | 5    | 14   | 27  | 35   | 41   | 30   | 30    | 18   | -14  | -21  | -30    |
| Vt.     | Burlington       | 51                      | -30  | -28  | -24  | 5    | 25  | 33   | 43   | 38   | 25    | 17   | -8   | -29  | -30    |
| Va.     | Norfolk          | 87                      | 5    | 2    | 14   | 23   | 38  | 49   | 57   | 56   | 40    | 31   | 17   | 5    | -3     |
|         | Richmond         | 60                      | -1   | -3   | 12   | 19   | 31  | 43   | 62   | 49   | 40    | 28   | 14   | -2   | -3     |
| Wash.   | Seattle          | 24                      | 11   | 12   | 22   | 31   | 35  | 45   | 48   | 40   | 42    | 30   | 13   | 21   | 11     |
|         | Spokane          | 10                      | -24  | -12  | -3   | 21   | 24  | 35   | 40   | 42   | 30    | 20   | -11  | -9   | -24    |
| W. Va.  | Charleston       | 49                      | -9   | -11  | 2    | 18   | 31  | 39   | 46   | 47   | 33    | 18   | 0    | -17  | -17    |
| Wis.    | Milwaukee        | 17                      | -24  | -19  | -7   | 13   | 28  | 38   | 45   | 44   | 28    | 21   | -5   | -12  | -24    |
| Wyo.    | Cheyenne         | 22                      | -27  | -34  | -21  | -6   | 16  | 25   | 38   | 37   | 18    | 2    | -12  | -16  | -34    |
| Alaska  | Juneau           | 14                      | -19  | -12  | -11  | 7    | 25  | 31   | 36   | 27   | 26    | 16   | 3    | -21  | -21    |
| Hawaii  | Honolulu         | 35                      | 57   | 58   | 58   | 59   | 64  | 64   | 68   | 69   | 69    | 66   | 62   | 59   | 57     |
| P.R.    | San Juan         | 59                      | 63   | 62   | 63   | 65   | 66  | 66   | 70   | 68   | 69    | 68   | 66   | 62   | 62     |

Source: Department of Commerce, Weather Bureau; records.

No. 221. NORMAL MONTHLY AND ANNUAL PRECIPITATION, FOR SELECTED CITIES

[In inches. Based on standard 30-year period (1921 to 1950). T denotes trace]

| STATION |                  | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. | Oct.  | Nov.  | Dec.  | Annual |
|---------|------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|--------|
| Ala.    | Mobile           | 4.83 | 4.36 | 7.12 | 5.05 | 4.73 | 5.86 | 7.94 | 5.35 | 4.94  | 3.07  | 3.73  | 5.25  | 62.23  |
| Ariz.   | Phoenix          | 0.61 | 0.82 | 0.68 | 0.37 | 0.16 | 0.06 | 0.68 | 0.90 | 0.96  | 0.40  | 0.50  | 0.98  | 7.12   |
| Ark.    | Little Rock      | 5.12 | 4.06 | 4.85 | 5.16 | 4.85 | 3.43 | 3.10 | 3.15 | 2.85  | 2.51  | 3.92  | 4.08  | 47.93  |
| Calif.  | Los Angeles      | 2.38 | 3.37 | 2.36 | 1.17 | 0.26 | 0.07 | T    | 0.02 | 0.27  | 0.80  | 1.03  | 3.11  | 14.84  |
|         | Sacramento       | 2.86 | 3.31 | 2.23 | 1.43 | 0.57 | 0.14 | T    | 0.08 | 0.92  | 1.59  | 3.19  | 16.32 |        |
|         | San Francisco    | 4.03 | 3.21 | 2.73 | 1.49 | 0.59 | 0.15 | 0.01 | 0.01 | 0.13  | 0.02  | 2.27  | 4.07  | 20.51  |
| Colo.   | Denver           | 0.50 | 0.56 | 1.24 | 1.90 | 2.06 | 1.45 | 1.22 | 1.35 | 0.93  | 1.00  | 0.72  | 0.50  | 13.43  |
| Conn.   | Hartford         | 3.74 | 3.03 | 3.53 | 3.65 | 3.77 | 3.76 | 3.93 | 3.67 | 3.41  | 2.70  | 3.85  | 3.49  | 42.43  |
| Del.    | Wilmington       | 3.56 | 2.98 | 3.61 | 3.64 | 3.81 | 4.02 | 4.49 | 5.28 | 3.80  | 2.99  | 3.33  | 2.99  | 44.80  |
| D.O.    | Washington       | 3.41 | 2.64 | 3.36 | 3.20 | 3.91 | 3.42 | 4.11 | 4.49 | 4.56  | 2.92  | 3.82  | 2.75  | 41.44  |
| Fla.    | Jacksonville     | 2.82 | 2.60 | 3.51 | 3.04 | 3.63 | 6.67 | 7.89 | 6.26 | 6.79  | 5.13  | 1.57  | 2.39  | 52.30  |
|         | Miami            | 2.15 | 1.73 | 2.15 | 3.44 | 4.27 | 5.55 | 4.36 | 5.06 | 6.72  | 7.88  | 2.16  | 1.73  | 47.20  |
| Ga.     | Atlanta          | 4.62 | 4.65 | 5.49 | 4.25 | 3.68 | 3.97 | 4.43 | 3.83 | 2.92  | 2.50  | 3.28  | 4.44  | 47.06  |
| Idaho   | Boise            | 1.33 | 1.35 | 1.34 | 1.10 | 1.09 | 0.84 | 0.18 | 0.21 | 0.46  | 0.94  | 1.35  | 1.29  | 11.48  |
| Ill.    | Chicago          | 1.84 | 1.41 | 2.85 | 2.82 | 3.66 | 4.15 | 2.73 | 3.19 | 3.23  | 2.56  | 2.33  | 1.95  | 32.72  |
|         | Peoria           | 1.97 | 1.91 | 2.79 | 3.44 | 3.94 | 3.88 | 3.70 | 2.99 | 3.73  | 2.44  | 2.85  | 2.04  | 35.18  |
| Ind.    | Indianapolis     | 3.04 | 2.08 | 3.86 | 3.69 | 3.78 | 4.18 | 3.25 | 3.55 | 3.65  | 2.42  | 3.05  | 2.71  | 39.24  |
| Iowa    | Des Moines       | 1.22 | 1.07 | 2.05 | 2.36 | 3.63 | 5.05 | 2.96 | 3.83 | 3.66  | 2.25  | 1.66  | 1.15  | 30.89  |
| Kans.   | Wichita          | 1.05 | 0.98 | 1.74 | 3.52 | 3.79 | 4.99 | 3.43 | 2.96 | 3.23  | 2.18  | 1.78  | 1.10  | 30.70  |
| Ky.     | Louisville       | 4.07 | 2.99 | 4.67 | 4.06 | 3.82 | 4.05 | 3.07 | 3.31 | 2.69  | 2.48  | 3.08  | 3.31  | 41.60  |
| La.     | New Orleans      | 4.78 | 4.18 | 6.56 | 5.45 | 5.43 | 5.67 | 7.09 | 6.49 | 5.82  | 3.66  | 4.01  | 4.58  | 63.54  |
| Maine.  | Portland         | 4.43 | 3.83 | 4.03 | 3.75 | 3.36 | 3.32 | 2.83 | 2.59 | 3.08  | 2.98  | 3.70  | 3.79  | 41.78  |
| Md.     | Baltimore        | 3.66 | 2.99 | 3.63 | 3.72 | 4.01 | 3.52 | 3.94 | 3.38 | 3.46  | 3.37  | 2.96  | 2.95  | 42.59  |
| Mass.   | Boston           | 3.50 | 2.93 | 3.43 | 3.46 | 2.91 | 3.48 | 3.18 | 3.23 | 2.99  | 2.79  | 3.49  | 3.37  | 38.76  |
| Mich.   | Detroit          | 2.08 | 2.02 | 2.53 | 2.91 | 3.61 | 2.90 | 2.91 | 2.62 | 2.78  | 2.29  | 2.18  | 2.20  | 31.03  |
|         | Sault Ste. Marie | 2.16 | 1.52 | 1.85 | 1.95 | 2.55 | 3.02 | 2.49 | 2.62 | 3.49  | 2.98  | 3.26  | 3.20  | 30.10  |
| Minn.   | Duluth           | 1.01 | 1.02 | 1.64 | 2.21 | 2.95 | 3.72 | 3.31 | 3.19 | 3.05  | 1.96  | 1.67  | 1.00  | 26.63  |
|         | Minneapolis      | 0.80 | 0.89 | 1.48 | 1.91 | 3.12 | 4.26 | 2.67 | 2.79 | 2.85  | 1.65  | 1.44  | 0.85  | 24.71  |
| Miss.   | Jackson          | 5.09 | 5.09 | 6.23 | 4.82 | 4.09 | 3.72 | 4.61 | 3.28 | 2.10  | 2.18  | 4.05  | 5.60  | 50.86  |
| Mo.     | Kansas City      | 1.43 | 1.16 | 2.51 | 3.61 | 4.41 | 5.02 | 2.83 | 3.89 | 3.85  | 2.93  | 2.17  | 1.50  | 35.31  |
|         | St. Louis        | 2.32 | 1.88 | 3.64 | 4.01 | 4.10 | 3.80 | 2.91 | 3.77 | 3.38  | 2.90  | 2.72  | 2.43  | 37.86  |
| Mont.   | Great Falls      | 0.55 | 0.57 | 0.99 | 0.95 | 1.93 | 2.96 | 1.35 | 1.20 | 1.44  | 0.72  | 0.67  | 0.70  | 14.03  |
| Nebr.   | Omaha            | 0.85 | 0.87 | 1.32 | 2.15 | 2.75 | 4.51 | 3.34 | 3.12 | 3.16  | 1.73  | 1.29  | 0.81  | 25.90  |
| Nev.    | Reno             | 1.04 | 1.05 | 0.70 | 0.46 | 0.48 | 0.42 | 0.23 | 0.23 | 0.22  | 0.55  | 0.64  | 0.94  | 6.96   |
| N.H.    | Concord          | 2.91 | 2.30 | 3.04 | 3.08 | 3.04 | 3.62 | 3.57 | 3.10 | 3.39  | 2.80  | 3.57  | 2.81  | 37.23  |
| N.J.    | Atlantic City    | 3.78 | 3.23 | 3.53 | 3.40 | 2.98 | 2.99 | 3.78 | 4.72 | 3.51  | 3.21  | 3.32  | 3.31  | 41.77  |
| N.Mex.  | Albuquerque      | 0.28 | 0.33 | 0.44 | 0.53 | 0.87 | 0.72 | 1.43 | 1.38 | 1.05  | 0.64  | 0.42  | 0.59  | 8.68   |
| N.Y.    | Albany           | 2.47 | 2.18 | 2.67 | 2.77 | 3.18 | 3.89 | 4.08 | 3.24 | 3.66  | 2.47  | 2.93  | 2.37  | 35.81  |
|         | Buffalo          | 2.78 | 2.59 | 2.72 | 2.55 | 2.47 | 2.70 | 2.43 | 2.54 | 3.01  | 2.49  | 3.09  | 2.92  | 32.29  |
|         | New York         | 3.46 | 3.13 | 3.66 | 3.22 | 3.51 | 3.70 | 4.24 | 4.34 | 3.67  | 3.04  | 3.09  | 3.07  | 42.03  |
| N.C.    | Charlotte        | 3.63 | 3.55 | 4.09 | 3.17 | 2.98 | 3.51 | 4.67 | 4.36 | 3.65  | 2.99  | 2.65  | 3.79  | 43.09  |
|         | Raleigh          | 3.25 | 3.50 | 3.68 | 3.52 | 3.65 | 4.30 | 5.64 | 5.15 | 4.65  | 2.68  | 2.70  | 3.21  | 45.83  |
| N.Dak.  | Bismarck         | 0.36 | 0.43 | 0.76 | 1.39 | 1.94 | 3.33 | 2.33 | 1.50 | 1.43  | 1.00  | 0.53  | 0.40  | 15.40  |
| Ohio    | Cincinnati       | 3.44 | 2.55 | 4.07 | 3.64 | 3.54 | 4.05 | 3.70 | 3.38 | 2.88  | 2.19  | 3.06  | 2.84  | 39.34  |
|         | Cleveland        | 2.45 | 2.19 | 2.96 | 2.91 | 3.02 | 3.26 | 3.35 | 2.75 | 3.23  | 2.37  | 2.69  | 2.32  | 33.50  |
|         | Columbus         | 2.81 | 2.15 | 3.22 | 3.19 | 3.23 | 3.66 | 3.53 | 3.01 | 2.58  | 2.00  | 2.54  | 2.44  | 34.36  |
| Okl.    | Oklahoma City    | 1.58 | 1.28 | 2.15 | 3.60 | 4.62 | 4.42 | 2.42 | 2.60 | 3.46  | 2.92  | 2.00  | 1.54  | 32.59  |
| Oreg.   | Portland         | 5.43 | 4.87 | 4.15 | 2.43 | 1.87 | 1.62 | 0.42 | 0.61 | 1.83  | 3.53  | 6.05  | 7.10  | 39.91  |
| Pa.     | Philadelphia     | 3.39 | 3.03 | 3.37 | 3.38 | 3.58 | 3.97 | 4.21 | 4.62 | 3.43  | 2.61  | 3.08  | 2.77  | 41.44  |
|         | Pittsburgh       | 2.83 | 2.35 | 3.41 | 3.08 | 3.49 | 3.83 | 3.72 | 3.08 | 2.77  | 2.49  | 2.61  | 2.57  | 36.23  |
| R.I.    | Providence       | 3.75 | 2.84 | 3.58 | 3.37 | 3.02 | 3.17 | 3.06 | 3.63 | 3.19  | 2.83  | 3.74  | 3.45  | 39.63  |
| S.O.    | Columbia         | 2.84 | 3.33 | 3.44 | 3.50 | 3.30 | 3.58 | 5.74 | 4.93 | 3.64  | 2.08  | 2.00  | 3.20  | 41.58  |
| S.Dak.  | Stoux Falls      | 0.72 | 0.74 | 1.35 | 2.35 | 3.38 | 4.25 | 3.00 | 3.28 | 2.93  | 1.46  | 1.11  | 0.67  | 25.24  |
| Tenn.   | Memphis          | 5.38 | 4.22 | 5.20 | 4.70 | 3.65 | 3.25 | 3.10 | 2.53 | 2.50  | 3.18  | 4.41  | 4.79  | 46.81  |
|         | Nashville        | 4.93 | 4.16 | 5.28 | 3.69 | 3.78 | 3.19 | 3.96 | 3.31 | 2.74  | 2.52  | 3.41  | 4.06  | 45.03  |
| Tex.    | Dallas           | 2.47 | 2.62 | 2.81 | 3.87 | 4.97 | 3.45 | 1.97 | 1.83 | 2.71  | 2.67  | 2.43  | 2.02  | 34.42  |
|         | El Paso          | 0.42 | 0.36 | 0.28 | 0.27 | 0.41 | 0.62 | 1.32 | 1.32 | 1.13  | 0.83  | 0.38  | 0.40  | 7.83   |
|         | Houston          | 3.98 | 2.81 | 3.10 | 3.40 | 4.84 | 4.08 | 4.45 | 3.09 | 3.65  | 3.39  | 3.95  | 4.63  | 45.37  |
| Utah    | Salt Lake City   | 1.20 | 1.23 | 1.66 | 1.76 | 1.56 | 0.91 | 0.61 | 0.97 | 0.74  | 1.34  | 1.42  | 1.34  | 14.74  |
| Vt.     | Burlington       | 1.89 | 1.53 | 2.19 | 2.63 | 2.89 | 3.57 | 3.75 | 3.01 | 3.14  | 2.80  | 2.85  | 1.88  | 32.22  |
| Va.     | Norfolk          | 3.17 | 3.06 | 3.27 | 3.16 | 3.45 | 4.16 | 6.05 | 5.08 | 3.86  | 2.45  | 2.67  | 2.88  | 43.26  |
|         | Richmond         | 3.63 | 3.73 | 3.43 | 3.27 | 3.69 | 3.78 | 5.38 | 4.95 | 3.36  | 2.62  | 2.41  | 2.92  | 42.17  |
| Wash.   | Seattle          | 4.49 | 3.74 | 3.06 | 1.94 | 1.61 | 1.25 | 0.52 | 0.87 | 1.56  | 3.08  | 4.46  | 5.34  | 31.92  |
|         | Spokane          | 1.72 | 1.46 | 1.84 | 0.99 | 1.04 | 1.17 | 0.36 | 0.49 | 0.93  | 1.33  | 1.88  | 2.21  | 14.92  |
| W.Va.   | Charleston       | 3.99 | 3.50 | 4.16 | 3.74 | 3.78 | 3.93 | 5.45 | 4.45 | 2.94  | 2.81  | 3.17  | 2.08  | 45.00  |
| Wis.    | Milwaukee        | 1.75 | 1.42 | 2.37 | 2.61 | 2.92 | 3.25 | 2.37 | 2.90 | 3.36  | 2.07  | 2.78  | 1.57  | 28.87  |
| Wyo.    | Cheyenne         | 0.56 | 0.65 | 1.22 | 2.14 | 2.46 | 2.10 | 1.96 | 1.61 | 1.20  | 1.13  | 0.20  | 0.52  | 16.25  |
| Alaska  | Juneau           | 8.00 | 5.78 | 6.43 | 5.73 | 5.14 | 4.13 | 6.04 | 7.37 | 10.49 | 13.03 | 10.38 | 7.73  | 90.25  |
| Hawaii  | Honolulu         | 4.31 | 2.40 | 2.30 | 2.05 | 1.01 | 0.63 | 0.86 | 1.09 | 1.34  | 2.28  | 2.08  | 3.48  | 23.92  |
| P.R.    | San Juan         | 4.69 | 2.67 | 2.42 | 3.80 | 6.51 | 5.16 | 6.02 | 6.26 | 6.00  | 5.27  | 6.37  | 4.83  | 60.00  |

Source: Department of Commerce, Weather Bureau; records.

PRECIPITATION

173

No. 222. AVERAGE NUMBER OF DAYS WITH PRECIPITATION OF 0.01 INCH OR MORE, FOR SELECTED CITIES

[For period of record through 1957]

| STATION |                  | Length of record (yrs.) | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---------|------------------|-------------------------|------|------|------|------|-----|------|------|------|-------|------|------|------|--------|
| Ala.    | Mobile           | 16                      | 10   | 10   | 11   | 8    | 8   | 12   | 17   | 13   | 10    | 5    | 8    | 11   | 123    |
| Ariz.   | Phoenix          | 18                      | 4    | 4    | 3    | 2    | 1   | 1    | 5    | 5    | 2     | 2    | 2    | 4    | 36     |
| Ark.    | Little Rock      | 16                      | 10   | 10   | 10   | 11   | 11  | 8    | 7    | 7    | 6     | 3    | 8    | 9    | 103    |
| Calif.  | Los Angeles      | 17                      | 7    | 5    | 6    | 4    | 2   | 1    | (1)  | 1    | 1     | 2    | 4    | 6    | 39     |
|         | Sacramento       | 24                      | 11   | 10   | 8    | 6    | 3   | 3    | (1)  | (1)  | 1     | 4    | 6    | 10   | 60     |
|         | San Francisco    | 21                      | 11   | 10   | 10   | 6    | 4   | 2    | 1    | 1    | 1     | 5    | 7    | 11   | 69     |
| Colo.   | Denver           | 23                      | 6    | 6    | 8    | 9    | 11  | 9    | 9    | 8    | 5     | 6    | 5    | 4    | 86     |
| Conn.   | Hartford         | 53                      | 13   | 11   | 12   | 12   | 12  | 10   | 10   | 10   | 9     | 8    | 10   | 11   | 128    |
| Del.    | Wilmington       | 10                      | 13   | 9    | 13   | 12   | 13  | 10   | 9    | 9    | 9     | 9    | 10   | 11   | 127    |
| D.C.    | Washington       | 87                      | 11   | 10   | 12   | 11   | 12  | 11   | 11   | 11   | 8     | 8    | 9    | 10   | 124    |
| Fla.    | Jacksonville     | 86                      | 8    | 8    | 8    | 7    | 9   | 13   | 16   | 15   | 14    | 9    | 7    | 8    | 122    |
|         | Miami            | 47                      | 8    | 6    | 6    | 7    | 11  | 13   | 15   | 15   | 18    | 15   | 9    | 7    | 130    |
| Ga.     | Atlanta          | 79                      | 12   | 11   | 12   | 13   | 9   | 11   | 12   | 11   | 8     | 7    | 8    | 11   | 122    |
| Idaho   | Boise            | 18                      | 12   | 11   | 10   | 8    | 9   | 7    | 2    | 2    | 3     | 3    | 7    | 10   | 93     |
| Ill.    | Chicago          | 15                      | 10   | 10   | 12   | 13   | 12  | 10   | 8    | 8    | 8     | 7    | 7    | 10   | 119    |
|         | Peoria           | 18                      | 9    | 8    | 11   | 12   | 12  | 11   | 9    | 7    | 7     | 7    | 9    | 9    | 110    |
| Ind.    | Indianapolis     | 18                      | 12   | 12   | 12   | 13   | 13  | 11   | 9    | 8    | 7     | 7    | 10   | 11   | 124    |
| Iowa    | Des Moines       | 18                      | 7    | 7    | 10   | 10   | 11  | 12   | 9    | 9    | 8     | 6    | 4    | 7    | 103    |
| Kans.   | Wichita          | 85                      | 4    | 7    | 4    | 5    | 8   | 12   | 9    | 6    | 6     | 6    | 4    | 4    | 76     |
| Ky.     | Louisville       | 85                      | 12   | 10   | 12   | 12   | 11  | 11   | 9    | 9    | 8     | 8    | 9    | 11   | 122    |
| La.     | New Orleans      | 87                      | 10   | 9    | 9    | 7    | 9   | 13   | 15   | 14   | 10    | 6    | 8    | 10   | 120    |
| Maine   | Portland         | 17                      | 12   | 11   | 11   | 12   | 13  | 12   | 9    | 9    | 8     | 8    | 11   | 11   | 127    |
| Md.     | Baltimore        | 81                      | 12   | 11   | 13   | 12   | 12  | 11   | 12   | 11   | 9     | 9    | 10   | 11   | 133    |
| Mass.   | Boston           | 87                      | 12   | 10   | 12   | 11   | 11  | 10   | 10   | 10   | 9     | 9    | 10   | 11   | 125    |
| Mich.   | Detroit          | 24                      | 13   | 12   | 13   | 12   | 12  | 11   | 9    | 8    | 9     | 9    | 12   | 13   | 133    |
|         | Sault Ste. Marie | 16                      | 18   | 16   | 14   | 12   | 11  | 12   | 10   | 9    | 14    | 11   | 18   | 19   | 164    |
| Minn.   | Duluth           | 54                      | 10   | 8    | 10   | 9    | 12  | 13   | 11   | 11   | 11    | 9    | 9    | 9    | 122    |
|         | Minneapolis      | 20                      | 8    | 7    | 11   | 9    | 11  | 13   | 11   | 10   | 9     | 7    | 8    | 9    | 113    |
| Miss.   | Jackson          | 18                      | 11   | 11   | 10   | 9    | 9   | 9    | 11   | 8    | 7     | 5    | 8    | 10   | 107    |
| Mo.     | Kansas City      | 24                      | 7    | 9    | 11   | 12   | 11  | 11   | 9    | 9    | 7     | 7    | 6    | 7    | 101    |
|         | St. Louis        | 22                      | 9    | 9    | 11   | 12   | 12  | 11   | 8    | 8    | 7     | 7    | 8    | 9    | 111    |
| Mont.   | Great Falls      | 20                      | 8    | 8    | 9    | 8    | 11  | 13   | 8    | 7    | 7     | 6    | 6    | 6    | 93     |
| Nebr.   | Omaha            | 22                      | 6    | 7    | 8    | 9    | 11  | 11   | 9    | 10   | 7     | 6    | 5    | 5    | 94     |
| Nev.    | Reno             | 16                      | 6    | 6    | 6    | 4    | 4   | 3    | 2    | 1    | 2     | 3    | 4    | 6    | 47     |
| N.H.    | Concord          | 55                      | 11   | 9    | 10   | 11   | 10  | 10   | 10   | 10   | 10    | 9    | 10   | 10   | 120    |
| N.J.    | Atlantic City    | 84                      | 12   | 10   | 12   | 11   | 11  | 10   | 10   | 10   | 8     | 9    | 9    | 10   | 122    |
| N.Mex.  | Albuquerque      | 18                      | 4    | 4    | 4    | 4    | 4   | 4    | 9    | 10   | 5     | 5    | 3    | 4    | 60     |
| N.Y.    | Buffalo          | 19                      | 12   | 11   | 12   | 13   | 13  | 11   | 11   | 9    | 0     | 9    | 10   | 11   | 131    |
|         | New York         | 87                      | 19   | 17   | 16   | 14   | 13  | 11   | 10   | 10   | 11    | 12   | 15   | 18   | 166    |
|         | New York         | 87                      | 12   | 10   | 12   | 11   | 11  | 10   | 11   | 10   | 9     | 9    | 9    | 10   | 124    |
| N.C.    | Charlotte        | 79                      | 11   | 10   | 12   | 10   | 10  | 11   | 13   | 11   | 8     | 7    | 7    | 10   | 120    |
|         | Raleigh          | 71                      | 10   | 10   | 11   | 10   | 11  | 11   | 12   | 11   | 8     | 7    | 7    | 10   | 118    |
| N.Dak.  | Bismarck         | 18                      | 8    | 7    | 9    | 7    | 9   | 12   | 10   | 9    | 7     | 6    | 6    | 7    | 97     |
| Ohio    | Cincinnati       | 42                      | 13   | 11   | 13   | 12   | 12  | 14   | 10   | 10   | 9     | 9    | 10   | 11   | 134    |
|         | Cleveland        | 16                      | 16   | 15   | 16   | 15   | 14  | 11   | 10   | 9    | 9     | 10   | 15   | 16   | 156    |
|         | Columbus         | 79                      | 14   | 12   | 14   | 13   | 12  | 12   | 11   | 10   | 9     | 9    | 11   | 13   | 140    |
| Okla.   | Oklahoma City    | 18                      | 6    | 7    | 7    | 9    | 11  | 9    | 6    | 6    | 6     | 6    | 5    | 5    | 83     |
| Oreg.   | Portland         | 55                      | 19   | 16   | 17   | 14   | 12  | 9    | 3    | 4    | 7     | 12   | 17   | 19   | 149    |
| Pa.     | Philadelphia     | 17                      | 12   | 9    | 12   | 11   | 12  | 11   | 9    | 9    | 8     | 8    | 9    | 10   | 120    |
|         | Pittsburgh       | 5                       | 16   | 14   | 16   | 15   | 12  | 11   | 10   | 10   | 7     | 11   | 12   | 15   | 149    |
| R.I.    | Providence       | 53                      | 12   | 10   | 12   | 12   | 11  | 10   | 10   | 9    | 8     | 8    | 10   | 11   | 123    |
| S.C.    | Columbia         | 70                      | 9    | 10   | 10   | 8    | 9   | 10   | 13   | 12   | 8     | 6    | 7    | 10   | 112    |
| S.Dak.  | Sioux Falls      | 12                      | 5    | 6    | 9    | 8    | 10  | 11   | 10   | 10   | 7     | 6    | 5    | 6    | 93     |
| Tenn.   | Memphis          | 86                      | 11   | 10   | 11   | 10   | 10  | 9    | 9    | 8    | 7     | 7    | 9    | 17   | 112    |
|         | Nashville        | 87                      | 12   | 11   | 12   | 11   | 10  | 10   | 10   | 9    | 8     | 7    | 9    | 11   | 120    |
| Tex.    | Dallas           | 17                      | 8    | 8    | 7    | 9    | 9   | 6    | 5    | 6    | 5     | 6    | 7    | 6    | 82     |
|         | El Paso          | 18                      | 3    | 3    | 2    | 2    | 2   | 4    | 8    | 7    | 4     | 3    | 2    | 3    | 43     |
|         | Honston          | 19                      | 10   | 10   | 9    | 8    | 8   | 8    | 10   | 8    | 8     | 6    | 8    | 9    | 102    |
| Utah    | Salt Lake City   | 29                      | 10   | 8    | 9    | 9    | 8   | 5    | 5    | 6    | 4     | 7    | 7    | 9    | 87     |
| Vt.     | Burlington       | 51                      | 13   | 12   | 13   | 13   | 13  | 12   | 12   | 11   | 12    | 11   | 13   | 13   | 148    |
| Va.     | Norfolk          | 87                      | 11   | 11   | 12   | 10   | 11  | 11   | 12   | 12   | 8     | 8    | 8    | 10   | 124    |
|         | Richmond         | 20                      | 10   | 9    | 11   | 10   | 11  | 10   | 12   | 10   | 9     | 7    | 9    | 7    | 115    |
| Wash.   | Seattle          | 24                      | 18   | 15   | 16   | 13   | 11  | 10   | 5    | 6    | 7     | 14   | 17   | 19   | 151    |
|         | Spokane          | 10                      | 17   | 12   | 13   | 7    | 9   | 8    | 4    | 4    | 5     | 10   | 12   | 16   | 117    |
| W.Va.   | Charleston       | 10                      | 18   | 14   | 16   | 15   | 14  | 11   | 12   | 10   | 9     | 9    | 11   | 13   | 152    |
| Wis.    | Milwaukee        | 17                      | 10   | 9    | 11   | 11   | 13  | 11   | 9    | 9    | 8     | 10   | 10   | 11   | 119    |
| Wyo.    | Cheyenne         | 22                      | 7    | 6    | 9    | 10   | 13  | 11   | 11   | 10   | 7     | 6    | 6    | 6    | 101    |
| Alaska  | Juneau           | 14                      | 18   | 17   | 18   | 17   | 18  | 15   | 17   | 18   | 20    | 23   | 20   | 21   | 222    |
| Hawaii  | Honolulu         | 35                      | 12   | 12   | 13   | 12   | 11  | 11   | 13   | 13   | 12    | 13   | 13   | 14   | 149    |
| P.R.    | San Juan         | 59                      | 20   | 14   | 14   | 14   | 16  | 17   | 19   | 20   | 18    | 18   | 19   | 20   | 209    |

<sup>1</sup> Less than 1/4 day.

Source: Department of Commerce, Weather Bureau; records.

No. 223. AVERAGE TOTAL SNOW AND SLEET, FOR SELECTED CITIES

[In inches. For period of record through 1957. T denotes trace]

| STATION |                  | Length of record (yrs.) | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---------|------------------|-------------------------|------|------|------|------|-----|------|------|------|-------|------|------|------|--------|
| Ala.    | Mobile           | 16                      | 0.2  | T    | 0.1  | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | T    | 0.3    |
| Ariz.   | Phoenix          | 20                      | T    | T    | 0.0  | T    | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0    |
| Ark.    | Little Rock      | 16                      | 2.1  | 0.5  | 0.1  | T    | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 3.2    |
| Calif.  | Los Angeles      | 17                      | T    | T    | 0.0  | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | T      |
|         | Sacramento       | 9                       | T    | T    | 0.0  | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | T      |
|         | San Francisco    | 21                      | T    | T    | T    | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | T      |
| Colo.   | Denver           | 23                      | 8.4  | 6.8  | 11.8 | 9.8  | 1.9 | T    | 0.0  | 0.0  | 1.1   | 2.5  | 7.6  | 5.7  | 55.6   |
| Conn.   | Hartford         | 53                      | 10.7 | 11.9 | 6.9  | 1.4  | T   | 0.0  | 0.0  | 0.0  | 0.0   | T    | 1.9  | 7.5  | 40.3   |
| Del.    | Wilmington       | 10                      | 6.0  | 3.9  | 3.0  | T    | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 1.9  | 3.0  | 17.8   |
| D.C.    | Washington       | 70                      | 6.0  | 5.4  | 3.6  | 0.4  | T   | 0.0  | 0.0  | 0.0  | 0.0   | 0.1  | 0.8  | 3.2  | 19.5   |
| Fla.    | Jacksonville     | 86                      | T    | T    | T    | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | T    | T    | T      |
|         | Miami            | 47                      | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0    |
| Ga.     | Atlanta          | 73                      | 0.8  | 0.8  | 0.2  | T    | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | T    | 0.0  | 0.3  | 2.1    |
| Idaho   | Boise            | 18                      | 7.5  | 5.1  | 2.4  | 0.3  | T   | T    | 0.0  | 0.0  | 0.0   | T    | 1.7  | 5.3  | 22.3   |
| Ill.    | Chicago          | 15                      | 6.9  | 7.0  | 6.4  | 0.5  | T   | 0.0  | 0.0  | 0.0  | 0.0   | 0.3  | 3.5  | 10.0 | 54.6   |
|         | Peoria           | 14                      | 4.3  | 4.6  | 4.9  | 0.5  | T   | 0.0  | 0.0  | 0.0  | 0.0   | T    | 2.1  | 5.5  | 21.9   |
| Ind.    | Indianapolis     | 26                      | 4.1  | 3.7  | 3.3  | 0.6  | T   | 0.0  | 0.0  | 0.0  | 0.0   | T    | 2.0  | 4.3  | 18.0   |
| Iowa    | Des Moines       | 18                      | 8.6  | 6.1  | 7.0  | 1.0  | T   | 0.0  | 0.0  | 0.0  | T     | 1.8  | 5.9  | 30.4 |        |
| Kans.   | Wichita          | 4                       | 2.9  | 2.7  | 1.3  | 0.4  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | T    | 0.1  | 0.3  | 7.7    |
| Ky.     | Louisville       | 73                      | 4.1  | 3.5  | 2.0  | 0.2  | T   | 0.0  | 0.0  | 0.0  | 0.0   | 0.1  | 0.5  | 3.0  | 13.4   |
| La.     | New Orleans      | 87                      | 0.1  | 0.1  | T    | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | T    | 0.2    |
| Maine   | Portland         | 17                      | 19.6 | 17.4 | 12.4 | 2.1  | 0.4 | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 3.3  | 11.4 | 60.6   |
| Md.     | Baltimore        | 68                      | 0.1  | 6.6  | 4.8  | 0.6  | T   | 0.0  | 0.0  | 0.0  | 0.0   | 0.1  | 0.6  | 3.9  | 22.7   |
| Mass.   | Boston           | 86                      | 11.8 | 12.3 | 7.2  | 1.8  | T   | 0.0  | 0.0  | 0.0  | 0.0   | T    | 1.5  | 7.5  | 42.1   |
| Mich.   | Detroit          | 24                      | 8.2  | 7.7  | 5.3  | 1.3  | T   | 0.0  | 0.0  | 0.0  | 0.0   | 0.1  | 2.8  | 6.6  | 32.0   |
|         | Sault Ste. Marie | 16                      | 21.2 | 16.3 | 15.8 | 5.3  | 0.6 | T    | 0.0  | 0.0  | 0.2   | 2.4  | 14.8 | 25.5 | 102.1  |
| Minn.   | Duluth           | 54                      | 11.2 | 10.2 | 11.4 | 5.2  | 0.6 | T    | 0.0  | 0.0  | T     | 1.5  | 6.3  | 9.8  | 56.2   |
|         | Minneapolis      | 20                      | 6.6  | 8.0  | 10.6 | 2.2  | 0.3 | 0.0  | 0.0  | 0.0  | 0.1   | 0.3  | 6.9  | 7.7  | 42.7   |
| Miss.   | Jackson          | 18                      | 1.3  | 0.2  | T    | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | T    | T    | 1.5    |
| Mo.     | Kansas City      | 24                      | 4.5  | 3.5  | 3.2  | 0.6  | T   | 0.0  | 0.0  | 0.0  | 0.0   | T    | 1.1  | 4.3  | 17.2   |
|         | St. Louis        | 22                      | 3.6  | 3.1  | 3.4  | 0.1  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | T    | 1.2  | 2.9  | 14.3   |
| Mont.   | Great Falls      | 20                      | 8.2  | 9.6  | 9.9  | 4.0  | 1.8 | 0.6  | T    | 0.0  | 1.6   | 2.7  | 7.5  | 7.6  | 53.5   |
| Nebr.   | Omaha            | 22                      | 8.4  | 7.4  | 6.3  | 1.1  | 0.1 | 0.0  | 0.0  | 0.0  | 0.0   | 0.3  | 2.4  | 5.3  | 31.3   |
| Nev.    | Reno             | 10                      | 7.0  | 4.2  | 5.0  | 0.6  | 0.2 | T    | 0.0  | 0.0  | 0.0   | T    | 0.3  | 1.5  | 4.0    |
| N.H.    | Concord          | 87                      | 17.5 | 17.0 | 11.7 | 4.4  | 0.1 | 0.0  | 0.0  | 0.0  | 0.0   | 0.1  | 5.5  | 11.9 | 68.2   |
| N.J.    | Atlantic City    | 74                      | 4.1  | 4.7  | 2.2  | 0.2  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.5  | 2.6  | 14.3   |
| N. Mex. | Albuquerque      | 18                      | 2.0  | 1.8  | 1.2  | 0.5  | T   | 0.0  | 0.0  | 0.0  | T     | 1.8  | 1.9  | 9.2  | 9.2    |
| N.Y.    | Albany           | 19                      | 15.6 | 12.9 | 10.2 | 3.0  | 0.3 | 0.0  | 0.0  | 0.0  | 0.0   | 0.1  | 3.7  | 10.4 | 56.2   |
|         | Buffalo          | 73                      | 19.1 | 16.6 | 10.6 | 3.1  | 0.2 | 0.0  | 0.0  | 0.0  | T     | 0.4  | 7.8  | 17.6 | 75.4   |
|         | New York         | 73                      | 7.4  | 9.1  | 5.6  | 1.0  | T   | 0.0  | 0.0  | 0.0  | 0.0   | T    | 0.9  | 6.0  | 30.0   |
| N.C.    | Charlotte        | 79                      | 1.5  | 1.8  | 0.9  | 0.1  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | T    | 1.4  | 5.7    |
|         | Raleigh          | 71                      | 2.1  | 2.3  | 1.1  | 0.2  | T   | 0.0  | 0.0  | 0.0  | 0.0   | T    | 0.2  | 1.2  | 7.1    |
| N. Dak. | Bismarck         | 18                      | 7.2  | 6.0  | 8.7  | 3.1  | 0.9 | T    | 0.0  | 0.0  | 0.3   | 1.4  | 4.6  | 4.7  | 36.9   |
| Ohio    | Cincinnati       | 42                      | 5.1  | 3.8  | 2.7  | T    | T   | 0.0  | 0.0  | 0.0  | 0.0   | 0.1  | 1.4  | 4.2  | 17.3   |
|         | Cleveland        | 16                      | 10.6 | 9.7  | 10.9 | 3.1  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | 0.6  | 6.5  | 11.1 | 52.5   |
|         | Columbus         | 73                      | 6.7  | 5.2  | 3.1  | 0.8  | T   | 0.0  | 0.0  | 0.0  | 0.0   | 0.1  | 1.7  | 4.3  | 21.9   |
| Okla.   | Oklahoma City    | 18                      | 3.4  | 2.4  | 1.5  | T    | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | T    | 0.2  | 1.1  | 8.6    |
| Oreg.   | Portland         | 55                      | 5.3  | 1.8  | 0.5  | 0.1  | T   | 0.0  | 0.0  | 0.0  | 0.0   | T    | 0.2  | 1.3  | 9.2    |
| Pa.     | Philadelphia     | 15                      | 5.0  | 4.5  | 3.3  | T    | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | T    | 1.0  | 3.1  | 16.9   |
|         | Pittsburgh       | 5                       | 6.9  | 4.3  | 7.7  | 2.1  | T   | 0.0  | 0.0  | 0.0  | 0.0   | 0.3  | 3.0  | 5.6  | 29.9   |
| R.I.    | Providence       | 53                      | 9.6  | 9.7  | 5.9  | 1.0  | T   | 0.0  | 0.0  | 0.0  | 0.0   | T    | 1.2  | 5.6  | 33.0   |
| S.C.    | Columbia         | 70                      | 0.4  | 0.9  | 0.1  | T    | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.1  | 0.3  | 1.8    |
| S. Dak. | Sioux Falls      | 12                      | 6.2  | 8.8  | 13.4 | 2.6  | T   | 0.0  | 0.0  | 0.0  | 0.0   | 0.3  | 5.1  | 6.3  | 42.7   |
| Tenn.   | Memphis          | 73                      | 1.9  | 1.4  | 0.5  | T    | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | T    | 0.1  | 1.2  | 5.1    |
|         | Nashville        | 73                      | 2.6  | 2.4  | 1.4  | T    | T   | 0.0  | 0.0  | 0.0  | 0.0   | T    | 0.4  | 1.4  | 8.2    |
| Tex.    | Dallas           | 17                      | 1.2  | 0.2  | 0.2  | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | T    | 0.1  | 1.7    |
|         | El Paso          | 18                      | 1.7  | 0.7  | 0.3  | T    | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.5  | 0.8  | 4.0    |
|         | Houston          | 19                      | 0.3  | T    | 0.0  | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | T    | 0.3    |
| Utah    | Salt Lake City   | 29                      | 13.9 | 8.8  | 8.1  | 2.9  | 0.2 | T    | 0.0  | 0.0  | 0.0   | T    | 0.5  | 6.3  | 10.9   |
| Vt.     | Burlington       | 51                      | 14.3 | 14.8 | 12.3 | 4.0  | 0.1 | 0.0  | 0.0  | 0.0  | 0.0   | T    | 0.3  | 5.9  | 12.6   |
| Va.     | Norfolk          | 67                      | 2.5  | 2.5  | 1.6  | T    | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | T    | 0.1  | 1.8  | 8.5    |
|         | Richmond         | 20                      | 4.5  | 2.0  | 1.8  | 0.2  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | T    | 0.7  | 1.3  | 10.5   |
| Wash.   | Seattle          | 24                      | 5.2  | 1.5  | 0.7  | T    | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | T    | 0.7  | 0.8  | 8.9    |
|         | Spokane          | 10                      | 23.8 | 10.9 | 5.4  | 0.2  | T   | T    | 0.0  | 0.0  | 0.0   | 0.8  | 5.3  | 16.9 | 63.3   |
| W. Va.  | Charleston       | 53                      | 4.9  | 4.1  | 3.0  | 0.2  | T   | 0.0  | 0.0  | 0.0  | 0.0   | T    | 1.4  | 3.2  | 16.8   |
| Wis.    | Milwaukee        | 17                      | 11.5 | 6.3  | 8.1  | 0.6  | T   | 0.0  | 0.0  | 0.0  | 0.0   | T    | 3.1  | 9.5  | 30.1   |
| Wyo.    | Cheyenne         | 22                      | 6.7  | 6.4  | 4.4  | 12.4 | 4.6 | 0.6  | 0.0  | 0.0  | 0.7   | 3.1  | 7.7  | 5.2  | 58.1   |
| Alaska  | Juneau           | 14                      | 17.5 | 20.5 | 15.7 | 4.4  | 0.1 | 0.0  | 0.0  | 0.0  | 0.0   | T    | 1.3  | 9.6  | 23.0   |
| Hawaii  | Honolulu         | 35                      | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0    |
| P.R.    | San Juan         | 59                      | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 | 0.0  | 0.0  | 0.0  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0    |

Source: Department of Commerce, Weather Bureau; records.

No. 224. AVERAGE PERCENTAGE OF POSSIBLE SUNSHINE, FOR SELECTED CITIES

[For period of record through 1957]

| STATION |                  | Length of record (yrs.) | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---------|------------------|-------------------------|------|------|------|------|-----|------|------|------|-------|------|------|------|--------|
| Ala.    | Mobile           | 47                      | 51   | 54   | 60   | 67   | 71  | 68   | 59   | 63   | 64    | 70   | 62   | 46   | 61     |
| Ariz.   | Phoenix          | 62                      | 76   | 78   | 83   | 88   | 93  | 94   | 83   | 84   | 80    | 88   | 84   | 76   | 85     |
| Ark.    | Little Rock      | 16                      | 41   | 52   | 54   | 60   | 64  | 70   | 69   | 72   | 69    | 70   | 57   | 47   | 62     |
| Calif.  | Los Angeles      | 17                      | 70   | 72   | 74   | 65   | 67  | 67   | 60   | 82   | 81    | 73   | 79   | 70   | 73     |
|         | Sacramento       | 9                       | 37   | 58   | 68   | 74   | 80  | 89   | 97   | 95   | 92    | 83   | 61   | 39   | 77     |
|         | San Francisco    | 21                      | 53   | 59   | 66   | 69   | 70  | 74   | 64   | 63   | 71    | 69   | 63   | 51   | 65     |
| Colo.   | Denver           | 8                       | 67   | 73   | 71   | 61   | 64  | 72   | 70   | 72   | 77    | 73   | 64   | 66   | 69     |
| Conn.   | Hartford         | 46                      | 46   | 55   | 56   | 54   | 57  | 60   | 62   | 60   | 57    | 55   | 46   | 45   | 55     |
| Del.    | Wilmington       | 14                      | 46   | 55   | 57   | 56   | 58  | 63   | 64   | 61   | 58    | 58   | 53   | 50   | 57     |
| D.C.    | Washington       | 9                       | 43   | 51   | 54   | 52   | 57  | 65   | 66   | 61   | 60    | 59   | 54   | 46   | 56     |
| Fla.    | Jacksonville     | 60                      | 58   | 59   | 66   | 71   | 71  | 63   | 62   | 63   | 58    | 58   | 61   | 53   | 62     |
|         | Miami            | 47                      | 66   | 72   | 73   | 73   | 68  | 61   | 65   | 67   | 62    | 62   | 64   | 65   | 67     |
| Ga.     | Atlanta          | 63                      | 48   | 53   | 58   | 65   | 68  | 68   | 62   | 63   | 65    | 67   | 60   | 47   | 60     |
| Idaho   | Boise            | 18                      | 40   | 49   | 58   | 67   | 68  | 75   | 88   | 86   | 81    | 65   | 44   | 35   | 66     |
| Ill.    | Chicago          | 15                      | 43   | 48   | 53   | 52   | 58  | 67   | 72   | 70   | 68    | 64   | 43   | 43   | 59     |
|         | Peoria           | 14                      | 42   | 46   | 53   | 56   | 50  | 65   | 71   | 69   | 70    | 65   | 46   | 41   | 59     |
| Ind.    | Indianapolis     | 15                      | 36   | 51   | 53   | 53   | 61  | 69   | 74   | 74   | 70    | 68   | 44   | 42   | 60     |
| Iowa    | Des Moines       | 7                       | 47   | 50   | 55   | 58   | 61  | 67   | 73   | 71   | 73    | 66   | 56   | 45   | 61     |
| Kans.   | Wichita          | 4                       | 59   | 63   | 66   | 63   | 61  | 75   | 84   | 82   | 84    | 65   | 71   | 67   | 70     |
| Ky.     | Louisville       | 57                      | 41   | 47   | 53   | 57   | 64  | 69   | 73   | 69   | 68    | 64   | 51   | 39   | 59     |
| La.     | New Orleans      | 67                      | 49   | 50   | 57   | 63   | 68  | 65   | 58   | 59   | 64    | 69   | 60   | 46   | 59     |
| Maine.  | Portland         | 17                      | 55   | 62   | 59   | 57   | 56  | 63   | 68   | 66   | 63    | 60   | 49   | 54   | 60     |
| Md.     | Baltimore        | 57                      | 48   | 56   | 59   | 59   | 61  | 64   | 65   | 63   | 64    | 63   | 55   | 49   | 59     |
| Mass.   | Boston           | 64                      | 49   | 56   | 58   | 57   | 59  | 63   | 64   | 64   | 62    | 58   | 49   | 40   | 58     |
| Mich.   | Detroit          | 24                      | 31   | 43   | 51   | 53   | 58  | 65   | 71   | 67   | 61    | 56   | 33   | 31   | 54     |
|         | Sault Ste. Marie | 16                      | 33   | 42   | 50   | 53   | 53  | 54   | 62   | 58   | 43    | 46   | 21   | 24   | 45     |
| Minn.   | Duluth           | 39                      | 46   | 55   | 60   | 59   | 58  | 59   | 68   | 63   | 54    | 46   | 36   | 41   | 54     |
|         | Minneapolis      | 20                      | 50   | 55   | 53   | 57   | 57  | 61   | 69   | 67   | 62    | 59   | 39   | 40   | 56     |
| Miss.   | Jackson          | 10                      | 39   | 48   | 54   | 64   | 67  | 71   | 63   | 73   | 66    | 69   | 59   | 48   | 61     |
| Mo.     | Kansas City      | 24                      | 50   | 55   | 58   | 59   | 61  | 69   | 78   | 73   | 71    | 68   | 57   | 50   | 62     |
|         | St. Louis        | 22                      | 45   | 49   | 57   | 59   | 65  | 67   | 73   | 69   | 71    | 69   | 50   | 45   | 60     |
| Mont.   | Great Falls      | 16                      | 50   | 58   | 63   | 63   | 63  | 62   | 80   | 78   | 67    | 61   | 47   | 48   | 63     |
| Nebr.   | Omaha            | 22                      | 53   | 54   | 54   | 58   | 61  | 65   | 81   | 70   | 70    | 67   | 52   | 47   | 62     |
| Nev.    | Reno             | 15                      | 65   | 68   | 68   | 74   | 75  | 81   | 61   | 62   | 60    | 77   | 69   | 58   | 77     |
| N.H.    | Concord          | 42                      | 48   | 53   | 55   | 52   | 51  | 56   | 67   | 65   | 55    | 51   | 43   | 43   | 52     |
| N.J.    | Atlantic City    | 61                      | 51   | 57   | 58   | 59   | 62  | 64   | 67   | 66   | 64    | 64   | 58   | 51   | 60     |
| N. Mex. | Albuquerque      | 18                      | 68   | 73   | 72   | 76   | 79  | 84   | 79   | 75   | 82    | 79   | 78   | 70   | 76     |
| N.Y.    | Albany           | 19                      | 42   | 51   | 53   | 52   | 57  | 62   | 65   | 61   | 58    | 56   | 38   | 37   | 54     |
|         | Buffalo          | 47                      | 32   | 41   | 49   | 52   | 60  | 68   | 70   | 65   | 60    | 51   | 32   | 26   | 53     |
|         | New York         | 64                      | 51   | 57   | 58   | 60   | 61  | 64   | 65   | 63   | 64    | 63   | 56   | 54   | 60     |
| N.C.    | Charlotte        | 48                      | 52   | 58   | 63   | 67   | 71  | 70   | 65   | 65   | 66    | 69   | 64   | 53   | 64     |
|         | Raleigh          | 60                      | 46   | 56   | 59   | 64   | 67  | 65   | 62   | 62   | 63    | 64   | 62   | 52   | 60     |
| N. Dak. | Bismarck         | 18                      | 54   | 56   | 57   | 57   | 59  | 61   | 75   | 71   | 64    | 60   | 47   | 49   | 59     |
| Ohio.   | Cincinnati       | 42                      | 41   | 45   | 53   | 55   | 63  | 69   | 76   | 69   | 70    | 59   | 46   | 39   | 57     |
|         | Cleveland        | 16                      | 27   | 34   | 45   | 50   | 57  | 64   | 69   | 67   | 63    | 59   | 38   | 28   | 49     |
|         | Columbus         | 63                      | 36   | 44   | 49   | 54   | 68  | 68   | 71   | 68   | 66    | 60   | 44   | 35   | 55     |
| Okla.   | Oklahoma City    | 7                       | 52   | 62   | 66   | 64   | 66  | 79   | 80   | 82   | 83    | 70   | 68   | 63   | 70     |
| Oreg.   | Portland         | 8                       | 21   | 33   | 33   | 50   | 48  | 44   | 60   | 58   | 61    | 35   | 27   | 18   | 44     |
| Pa.     | Philadelphia     | 14                      | 46   | 55   | 57   | 56   | 58  | 63   | 64   | 61   | 58    | 58   | 53   | 50   | 57     |
|         | Pittsburgh       | 5                       | 39   | 42   | 55   | 49   | 57  | 64   | 67   | 67   | 68    | 55   | 49   | 34   | 55     |
| R.I.    | Providence       | 53                      | 49   | 56   | 58   | 57   | 60  | 63   | 63   | 62   | 60    | 60   | 51   | 50   | 58     |
| S.C.    | Columbia         | 53                      | 53   | 57   | 62   | 68   | 69  | 68   | 63   | 65   | 64    | 68   | 64   | 51   | 63     |
| S. Dak. | Sioux Falls      | 17                      | 57   | 57   | 58   | 63   | 65  | 66   | 76   | 73   | 71    | 67   | 54   | 52   | 64     |
| Tenn.   | Memphis          | 53                      | 44   | 51   | 57   | 64   | 68  | 74   | 73   | 74   | 70    | 69   | 68   | 46   | 64     |
|         | Nashville        | 61                      | 42   | 47   | 54   | 60   | 65  | 69   | 69   | 68   | 68    | 65   | 55   | 42   | 59     |
| Tex.    | Dallas           | 17                      | 45   | 50   | 56   | 58   | 62  | 78   | 79   | 79   | 76    | 67   | 63   | 54   | 67     |
|         | El Paso          | 15                      | 74   | 80   | 81   | 85   | 88  | 88   | 78   | 81   | 83    | 83   | 85   | 77   | 82     |
|         | Houston          | 19                      | 44   | 44   | 50   | 54   | 61  | 68   | 67   | 60   | 64    | 69   | 56   | 48   | 58     |
| Utah.   | Salt Lake City   | 20                      | 46   | 53   | 61   | 67   | 72  | 78   | 82   | 81   | 84    | 72   | 55   | 43   | 68     |
| Vt.     | Burlington       | 51                      | 34   | 44   | 48   | 47   | 53  | 59   | 62   | 59   | 51    | 43   | 26   | 25   | 46     |
| Va.     | Norfolk          | 58                      | 50   | 57   | 60   | 63   | 67  | 66   | 66   | 66   | 62    | 64   | 60   | 51   | 62     |
|         | Richmond         | 7                       | 47   | 53   | 58   | 63   | 66  | 68   | 73   | 65   | 64    | 60   | 54   | 49   | 60     |
| Wash.   | Seattle          | 24                      | 28   | 34   | 42   | 49   | 53  | 48   | 61   | 56   | 54    | 36   | 28   | 24   | 45     |
|         | Spokane          | 10                      | 27   | 38   | 50   | 64   | 62  | 64   | 81   | 78   | 73    | 50   | 30   | 22   | 57     |
| W. Va.  | Charleston       | 69                      | 29   | 37   | 42   | 49   | 56  | 60   | 63   | 59   | 59    | 52   | 36   | 29   | 48     |
| Wis.    | Milwaukee        | 17                      | 40   | 42   | 49   | 52   | 58  | 61   | 70   | 66   | 61    | 59   | 41   | 38   | 54     |
| Wyo.    | Cheyenne         | 22                      | 60   | 64   | 62   | 57   | 57  | 65   | 69   | 66   | 71    | 69   | 63   | 59   | 64     |
| Alaska  | Juneau           | 14                      | 30   | 32   | 38   | 37   | 34  | 35   | 28   | 30   | 25    | 18   | 21   | 18   | 30     |
| Hawaii  | Honolulu         | 5                       | 67   | 60   | 69   | 68   | 69  | 69   | 73   | 74   | 76    | 72   | 65   | 59   | 69     |
| P.R.    | San Juan         | 59                      | 64   | 69   | 71   | 66   | 60  | 62   | 65   | 67   | 61    | 63   | 63   | 64   | 65     |

<sup>1</sup>Data not available; figures are for a nearby station.

Source: Department of Commerce, Weather Bureau; records.

No. 225. AVERAGE HOURLY WIND SPEED, FOR SELECTED CITIES

[For period of record through 1957. True velocities in miles per hour]

| STATION |                  | Length of record (yrs.) | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual |
|---------|------------------|-------------------------|------|------|------|------|------|------|------|------|-------|------|------|------|--------|
| Ala.    | Mobile           | 9                       | 11.5 | 11.5 | 11.7 | 10.9 | 9.6  | 8.6  | 7.8  | 7.9  | 9.0   | 9.3  | 10.5 | 10.8 | 9.9    |
| Ariz.   | Phoenix          | 12                      | 4.2  | 4.7  | 5.6  | 5.7  | 5.9  | 5.7  | 5.9  | 5.3  | 4.8   | 4.4  | 4.1  | 3.9  | 5.0    |
| Ark.    | Little Rock      | 16                      | 9.1  | 9.4  | 10.1 | 9.7  | 8.3  | 7.8  | 7.2  | 6.9  | 7.1   | 7.0  | 8.4  | 8.6  | 8.3    |
| Calif.  | Los Angeles      | 17                      | 6.9  | 6.9  | 7.0  | 6.6  | 6.3  | 5.8  | 5.4  | 5.3  | 5.3   | 5.7  | 6.5  | 6.9  | 6.2    |
|         | Sacramento       | 9                       | 10.3 | 9.2  | 10.6 | 9.8  | 10.5 | 11.2 | 10.6 | 10.2 | 8.9   | 8.1  | 7.7  | 9.1  | 9.7    |
|         | San Francisco    | 21                      | 6.8  | 7.4  | 8.5  | 9.6  | 10.4 | 11.0 | 11.3 | 10.6 | 9.2   | 7.6  | 6.3  | 6.6  | 8.8    |
| Colo.   | Denver           | 9                       | 9.6  | 10.1 | 10.7 | 10.6 | 9.9  | 9.8  | 9.0  | 8.3  | 8.3   | 8.5  | 9.7  | 10.0 | 9.5    |
| Conn.   | Hartford         | 42                      | 8.9  | 9.1  | 9.6  | 9.7  | 8.7  | 8.1  | 7.5  | 7.2  | 7.3   | 7.9  | 8.6  | 8.7  | 8.4    |
| Del.    | Wilmington       | 9                       | 9.0  | 9.4  | 10.8 | 10.0 | 8.6  | 8.3  | 7.5  | 7.3  | 7.5   | 7.6  | 8.5  | 8.5  | 8.6    |
| D.C.    | Washington       | 26                      | 7.8  | 8.5  | 8.8  | 8.4  | 7.0  | 6.4  | 5.8  | 5.7  | 5.9   | 6.3  | 7.3  | 7.3  | 7.1    |
| Fla.    | Jacksonville     | 86                      | 8.8  | 9.3  | 9.6  | 9.5  | 8.9  | 8.6  | 8.3  | 8.0  | 8.5   | 9.0  | 8.7  | 8.7  | 8.8    |
|         | Miami            | 15                      | 13.3 | 13.5 | 13.9 | 13.9 | 12.1 | 10.8 | 10.3 | 10.0 | 12.0  | 13.1 | 12.9 | 13.0 | 12.4   |
| Ga.     | Atlanta          | 77                      | 11.6 | 11.9 | 11.8 | 10.8 | 9.3  | 8.2  | 7.8  | 7.4  | 8.3   | 9.5  | 10.6 | 11.1 | 9.9    |
| Idaho.  | Boise            | 18                      | 9.1  | 9.9  | 11.0 | 10.7 | 10.0 | 9.7  | 9.0  | 8.6  | 8.7   | 9.3  | 9.0  | 9.3  | 9.5    |
| Ill.    | Chicago          | 15                      | 10.9 | 11.2 | 11.6 | 11.4 | 9.9  | 8.8  | 7.6  | 7.3  | 8.3   | 9.0  | 11.1 | 10.7 | 9.8    |
|         | Peoria           | 14                      | 11.4 | 11.8 | 12.7 | 12.6 | 10.7 | 9.5  | 8.3  | 8.0  | 9.1   | 9.6  | 12.0 | 11.3 | 10.6   |
| Ind.    | Indianapolis     | 9                       | 12.5 | 12.2 | 13.6 | 13.1 | 11.3 | 9.3  | 8.3  | 7.9  | 9.0   | 10.1 | 12.6 | 12.3 | 11.0   |
| Iowa.   | Des Moines       | 8                       | 12.5 | 12.5 | 14.8 | 14.7 | 12.5 | 11.6 | 10.2 | 9.5  | 10.7  | 11.8 | 13.8 | 13.0 | 12.3   |
| Kans.   | Wichita          | 4                       | 13.5 | 13.7 | 15.4 | 15.3 | 13.9 | 13.6 | 11.9 | 12.6 | 12.7  | 13.7 | 13.2 | 13.0 | 13.5   |
| Ky.     | Louisville       | 85                      | 9.9  | 10.3 | 10.8 | 10.1 | 8.5  | 7.7  | 7.0  | 6.6  | 7.1   | 7.8  | 9.4  | 9.0  | 8.7    |
| La.     | New Orleans      | 87                      | 8.3  | 8.7  | 8.7  | 8.4  | 7.5  | 6.8  | 6.4  | 6.4  | 7.3   | 7.7  | 8.0  | 8.2  | 7.7    |
| Maine   | Portland         | 17                      | 9.2  | 9.5  | 10.1 | 10.0 | 9.0  | 8.0  | 7.5  | 7.4  | 7.7   | 8.6  | 8.9  | 8.9  | 8.7    |
| Md.     | Baltimore        | 24                      | 10.3 | 10.8 | 11.5 | 11.3 | 10.0 | 9.5  | 8.8  | 8.6  | 8.9   | 9.2  | 10.0 | 9.9  | 9.9    |
| Mass.   | Boston           | 22                      | 13.3 | 13.6 | 13.9 | 13.5 | 12.0 | 11.2 | 10.2 | 10.2 | 11.6  | 11.7 | 12.6 | 13.0 | 12.2   |
| Mich.   | Detroit          | 24                      | 11.3 | 11.2 | 11.4 | 11.0 | 9.6  | 8.9  | 8.1  | 7.8  | 8.9   | 9.4  | 11.3 | 11.2 | 10.0   |
|         | Sault Ste. Marie | 16                      | 10.3 | 10.4 | 11.1 | 11.3 | 10.5 | 9.1  | 8.5  | 8.3  | 9.2   | 9.8  | 10.6 | 10.6 | 10.0   |
| Minn.   | Duluth           | 8                       | 12.5 | 13.1 | 13.8 | 15.1 | 13.8 | 11.6 | 10.6 | 10.5 | 12.1  | 12.7 | 13.7 | 12.4 | 12.7   |
|         | Minneapolis      | 20                      | 10.6 | 10.8 | 11.7 | 12.6 | 11.6 | 11.1 | 9.5  | 9.4  | 10.4  | 11.0 | 11.0 | 10.8 | 10.9   |
| Miss.   | Jackson          | 10                      | 9.7  | 9.0  | 9.5  | 9.0  | 7.0  | 6.1  | 5.9  | 5.8  | 6.3   | 6.4  | 8.0  | 8.6  | 7.6    |
| Mo.     | Kansas City      | 18                      | 10.1 | 10.6 | 12.1 | 11.9 | 10.6 | 10.5 | 9.2  | 9.0  | 9.5   | 9.4  | 11.0 | 10.3 | 10.4   |
|         | St. Louis        | 44                      | 12.6 | 12.8 | 13.7 | 13.2 | 11.9 | 10.9 | 9.5  | 9.3  | 10.4  | 11.2 | 12.8 | 12.3 | 11.7   |
| Mont.   | Great Falls      | 16                      | 17.3 | 16.9 | 15.0 | 14.2 | 12.5 | 12.8 | 11.4 | 11.1 | 12.3  | 14.5 | 16.8 | 18.0 | 14.4   |
| Nebr.   | Omaha            | 22                      | 11.5 | 11.8 | 13.3 | 13.7 | 11.8 | 11.1 | 9.5  | 9.7  | 10.1  | 10.4 | 11.7 | 11.1 | 11.3   |
| Nev.    | Reno             | 15                      | 6.6  | 6.4  | 7.9  | 8.2  | 7.8  | 7.6  | 6.8  | 6.5  | 5.5   | 5.7  | 5.1  | 5.2  | 6.6    |
| N.H.    | Concord          | 50                      | 6.2  | 6.6  | 6.9  | 6.9  | 6.0  | 5.3  | 4.9  | 4.6  | 4.8   | 5.3  | 5.9  | 6.1  | 5.8    |
| N.J.    | Atlantic City    | 36                      | 16.2 | 16.4 | 17.0 | 16.7 | 15.0 | 14.0 | 13.4 | 13.4 | 14.1  | 16.0 | 15.7 | 15.5 | 15.2   |
| N. Mex. | Albuquerque      | 18                      | 8.3  | 9.0  | 10.4 | 11.1 | 10.6 | 9.9  | 9.2  | 8.1  | 8.5   | 8.2  | 8.0  | 7.5  | 9.1    |
| N.Y.    | Albany           | 19                      | 9.9  | 10.6 | 10.7 | 10.4 | 9.1  | 8.1  | 7.3  | 6.7  | 7.4   | 8.0  | 8.9  | 9.3  | 8.9    |
|         | Buffalo          | 62                      | 17.4 | 16.4 | 15.9 | 14.8 | 13.2 | 12.5 | 12.1 | 11.7 | 12.8  | 14.1 | 16.4 | 17.0 | 14.5   |
|         | New York         | 46                      | 16.4 | 16.7 | 17.1 | 15.2 | 13.5 | 12.8 | 12.1 | 11.7 | 12.4  | 13.9 | 15.7 | 17.2 | 14.5   |
| N.C.    | Charlotte        | 74                      | 7.4  | 7.7  | 8.2  | 7.9  | 6.7  | 6.2  | 5.9  | 5.9  | 6.2   | 6.5  | 6.8  | 7.0  | 6.9    |
|         | Raleigh          | 8                       | 8.4  | 8.6  | 9.3  | 9.4  | 7.6  | 6.9  | 6.7  | 6.6  | 7.0   | 7.2  | 7.2  | 7.7  | 7.7    |
| N. Dak. | Bismarck         | 18                      | 10.2 | 10.5 | 11.7 | 13.0 | 12.8 | 11.9 | 9.9  | 10.0 | 10.6  | 10.4 | 11.0 | 9.7  | 11.0   |
| Ohio    | Cincinnati       | 36                      | 8.5  | 8.6  | 9.3  | 8.6  | 7.0  | 6.6  | 5.5  | 5.4  | 5.7   | 6.4  | 8.2  | 8.4  | 7.4    |
|         | Cleveland        | 16                      | 12.5 | 12.5 | 13.0 | 12.0 | 10.5 | 9.5  | 8.9  | 8.5  | 9.0   | 12.2 | 12.8 | 12.9 | 11.1   |
|         | Columbus         | 62                      | 9.8  | 9.9  | 10.3 | 9.9  | 8.3  | 7.3  | 6.6  | 6.4  | 7.5   | 7.9  | 9.4  | 9.3  | 8.5    |
| Okla.   | Oklahoma City    | 9                       | 15.5 | 15.2 | 16.8 | 16.5 | 14.6 | 14.6 | 12.1 | 11.6 | 12.5  | 13.4 | 13.9 | 14.5 | 14.3   |
| Oreg.   | Portland         | 9                       | 9.9  | 8.3  | 8.1  | 6.5  | 6.1  | 6.2  | 7.0  | 6.3  | 5.6   | 6.1  | 7.5  | 9.5  | 7.0    |
| Pa.     | Philadelphia     | 17                      | 10.3 | 11.0 | 11.6 | 11.1 | 9.6  | 8.9  | 8.2  | 7.8  | 8.2   | 8.9  | 9.7  | 10.1 | 9.6    |
|         | Pittsburgh       | 5                       | 11.2 | 11.4 | 12.7 | 12.0 | 10.3 | 8.9  | 8.2  | 8.0  | 8.7   | 9.1  | 11.0 | 12.0 | 10.3   |
| R.I.    | Providence       | 44                      | 11.8 | 12.0 | 12.5 | 12.1 | 10.8 | 10.0 | 9.1  | 8.9  | 9.0   | 10.3 | 10.3 | 11.4 | 10.8   |
| S.C.    | Columbia         | 56                      | 8.0  | 8.4  | 8.9  | 8.5  | 7.6  | 7.1  | 6.9  | 6.6  | 6.9   | 7.1  | 7.3  | 7.5  | 7.3    |
| S. Dak. | Sioux Falls      | 9                       | 11.4 | 11.3 | 13.1 | 13.6 | 12.0 | 10.7 | 9.5  | 9.2  | 10.1  | 11.1 | 12.5 | 11.1 | 11.3   |
| Tenn.   | Memphis          | 9                       | 12.3 | 11.6 | 12.2 | 11.7 | 9.4  | 8.4  | 7.9  | 7.4  | 8.1   | 8.5  | 10.3 | 11.0 | 9.9    |
|         | Nashville        | 49                      | 9.6  | 9.8  | 10.4 | 10.1 | 8.4  | 7.6  | 6.9  | 6.7  | 7.1   | 7.6  | 9.0  | 9.2  | 8.5    |
| Tex.    | Dallas           | 17                      | 10.1 | 10.8 | 12.7 | 13.2 | 12.0 | 12.4 | 9.8  | 9.5  | 8.9   | 9.0  | 10.0 | 10.0 | 10.7   |
|         | El Paso          | 15                      | 10.1 | 10.8 | 13.2 | 12.8 | 12.2 | 11.4 | 9.7  | 9.5  | 9.1   | 9.3  | 9.9  | 10.0 | 10.7   |
|         | Houston          | 19                      | 10.7 | 11.2 | 11.7 | 12.0 | 10.8 | 9.7  | 8.3  | 8.4  | 8.8   | 9.4  | 10.4 | 10.2 | 10.1   |
| Utah    | Salt Lake City   | 28                      | 7.4  | 8.1  | 9.1  | 9.4  | 9.4  | 9.4  | 9.6  | 9.7  | 9.0   | 8.6  | 7.6  | 7.5  | 8.7    |
| Vt.     | Burlington       | 51                      | 11.7 | 10.8 | 10.9 | 10.6 | 9.5  | 8.6  | 8.2  | 8.1  | 9.0   | 10.2 | 11.6 | 11.3 | 10.0   |
| Va.     | Norfolk          | 46                      | 11.9 | 12.1 | 12.8 | 12.1 | 10.8 | 10.0 | 9.5  | 9.4  | 10.0  | 10.8 | 11.3 | 11.4 | 11.0   |
|         | Richmond         | 9                       | 8.2  | 8.3  | 8.9  | 8.9  | 7.5  | 7.2  | 6.9  | 6.7  | 7.2   | 7.2  | 7.4  | 7.6  | 7.7    |
| Wash.   | Seattle          | 24                      | 10.1 | 10.0 | 10.2 | 9.5  | 8.8  | 8.4  | 7.9  | 7.3  | 7.4   | 8.5  | 9.4  | 10.6 | 9.0    |
|         | Spokane          | 10                      | 7.9  | 8.7  | 9.2  | 8.9  | 8.1  | 8.4  | 7.8  | 7.3  | 7.3   | 7.4  | 7.4  | 8.4  | 8.1    |
| W. Va.  | Charleston       | 8                       | 8.6  | 8.7  | 9.9  | 8.9  | 7.1  | 6.3  | 5.9  | 5.3  | 5.7   | 6.1  | 8.0  | 8.3  | 7.4    |
| Wis.    | Milwaukee        | 17                      | 13.4 | 13.2 | 14.1 | 13.8 | 12.7 | 10.9 | 10.0 | 10.0 | 10.4  | 11.1 | 13.9 | 13.4 | 12.4   |
| Wyo.    | Cheyenne         | 22                      | 14.2 | 14.7 | 14.5 | 13.5 | 11.8 | 11.0 | 9.5  | 9.5  | 10.3  | 12.1 | 13.6 | 14.3 | 12.3   |
| Alaska  | Juneau           | 14                      | 8.6  | 8.5  | 8.7  | 8.8  | 7.7  | 7.5  | 7.2  | 7.2  | 7.7   | 9.0  | 8.3  | 8.8  | 8.2    |
| Hawaii  | Honolulu         | 8                       | 9.6  | 10.4 | 11.4 | 11.8 | 12.3 | 12.9 | 13.5 | 13.5 | 11.2  | 10.6 | 10.7 | 11.2 | 11.6   |
| P.R.    | San Juan         | 58                      | 12.2 | 11.7 | 12.3 | 12.0 | 11.1 | 11.8 | 13.1 | 11.9 | 9.4   | 8.1  | 9.5  | 11.3 | 11.2   |

Source: Department of Commerce, Weather Bureau; records.

No. 226. NORMAL MONTHLY AND ANNUAL DEGREE DAYS, 65° BASE, FOR  
SELECTED CITIES

[Based on standard 30-year period (1921 to 1950)]

| STATION                | Jan.  | Feb.  | Mar.  | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov.  | Dec.  | Annual |
|------------------------|-------|-------|-------|------|-----|------|------|------|-------|------|-------|-------|--------|
| Ala. Mobile            | 416   | 304   | 222   | 47   | 0   | 0    | 0    | 0    | 0     | 28   | 219.  | 376   | 1,612  |
| Ariz. Phoenix          | 474   | 309   | 196   | 74   | 0   | 0    | 0    | 0    | 0     | 22   | 223   | 400   | 1,698  |
| Ark. Little Rock       | 719   | 543   | 401   | 122  | 18  | 0    | 0    | 0    | 10    | 110  | 405   | 654   | 2,982  |
| Calif. Los Angeles     | 328   | 244   | 212   | 129  | 68  | 19   | 0    | 0    | 17    | 41   | 140   | 253   | 1,451  |
| Calif. Sacramento      | 614   | 403   | 317   | 196  | 85  | 5    | 0    | 0    | 17    | 75   | 321   | 507   | 2,000  |
| Calif. San Francisco   | 462   | 336   | 317   | 279  | 248 | 180  | 189  | 177  | 110   | 128  | 237   | 406   | 3,069  |
| Colo. Denver           | 1,042 | 854   | 797   | 492  | 266 | 60   | 0    | 5    | 103   | 385  | 711   | 958   | 5,673  |
| Conn. Hartford         | 1,178 | 1,033 | 862   | 510  | 183 | 21   | 0    | 8    | 90    | 375  | 711   | 1,097 | 6,068  |
| Del. Wilmington        | 983   | 876   | 698   | 396  | 110 | 6    | 0    | 0    | 47    | 282  | 585   | 927   | 4,910  |
| D.C. Washington        | 884   | 770   | 606   | 314  | 80  | 0    | 0    | 0    | 32    | 231  | 510   | 831   | 4,258  |
| Fla. Jacksonville      | 331   | 247   | 169   | 23   | 0   | 0    | 0    | 0    | 0     | 16   | 148   | 309   | 1,243  |
| Fla. Miami             | 57    | 48    | 15    | 0    | 0   | 0    | 0    | 0    | 0     | 0    | 5     | 48    | 173    |
| Ga. Atlanta            | 632   | 512   | 404   | 133  | 20  | 0    | 0    | 0    | 8     | 110  | 393   | 614   | 2,826  |
| Idaho Boise            | 1,169 | 868   | 719   | 453  | 249 | 92   | 0    | 0    | 135   | 389  | 762   | 1,054 | 5,890  |
| Ill. Chicago           | 1,243 | 1,053 | 868   | 507  | 229 | 58   | 0    | 0    | 90    | 350  | 765   | 1,147 | 6,310  |
| Ill. Peoria            | 1,240 | 1,028 | 838   | 435  | 192 | 41   | 0    | 11   | 86    | 339  | 759   | 1,128 | 6,087  |
| Ind. Indianapolis      | 1,122 | 938   | 772   | 432  | 175 | 30   | 0    | 0    | 79    | 306  | 705   | 1,051 | 5,611  |
| Iowa Des Moines        | 1,308 | 1,072 | 849   | 425  | 183 | 41   | 0    | 6    | 89    | 346  | 777   | 1,178 | 6,274  |
| Kans. Wichita          | 1,023 | 778   | 619   | 280  | 101 | 7    | 0    | 0    | 32    | 219  | 597   | 915   | 4,571  |
| Ky. Louisville         | 933   | 778   | 611   | 285  | 94  | 5    | 0    | 0    | 51    | 232  | 579   | 871   | 4,439  |
| La. New Orleans        | 341   | 223   | 163   | 19   | 0   | 0    | 0    | 0    | 0     | 5    | 141   | 283   | 1,175  |
| Maine Portland         | 1,373 | 1,218 | 1,039 | 693  | 394 | 117  | 15   | 56   | 199   | 515  | 825   | 1,237 | 7,681  |
| Md. Baltimore          | 955   | 840   | 676   | 378  | 115 | 5    | 0    | 0    | 50    | 278  | 582   | 908   | 4,787  |
| Mass. Boston           | 1,113 | 1,002 | 849   | 534  | 236 | 42   | 0    | 7    | 77    | 315  | 618   | 998   | 5,791  |
| Mich. Detroit          | 1,203 | 1,072 | 927   | 558  | 251 | 60   | 0    | 8    | 96    | 381  | 747   | 1,101 | 6,404  |
| Mich. Sault Ste. Marie | 1,587 | 1,442 | 1,302 | 846  | 499 | 224  | 109  | 126  | 298   | 639  | 1,065 | 1,398 | 9,475  |
| Minn. Duluth           | 1,696 | 1,448 | 1,252 | 801  | 487 | 200  | 66   | 91   | 277   | 614  | 1,092 | 1,550 | 9,574  |
| Minn. Minneapolis      | 1,562 | 1,310 | 1,057 | 570  | 259 | 80   | 8    | 17   | 157   | 459  | 960   | 1,414 | 7,853  |
| Miss. Jackson          | 535   | 405   | 299   | 81   | 0   | 0    | 0    | 0    | 0     | 69   | 310   | 503   | 2,202  |
| Mo. Kansas City        | 1,085 | 851   | 666   | 292  | 111 | 8    | 0    | 0    | 44    | 240  | 621   | 970   | 4,888  |
| Mo. St. Louis          | 983   | 792   | 620   | 270  | 94  | 7    | 0    | 0    | 38    | 202  | 570   | 893   | 4,409  |
| Mont. Great Falls      | 1,311 | 1,131 | 1,008 | 621  | 359 | 166  | 24   | 50   | 273   | 524  | 894   | 1,194 | 7,555  |
| Nebr. Omaha            | 1,302 | 1,058 | 831   | 389  | 175 | 32   | 0    | 5    | 88    | 331  | 783   | 1,166 | 6,160  |
| Nev. Reno              | 1,048 | 804   | 756   | 519  | 318 | 165  | 27   | 61   | 165   | 443  | 744   | 986   | 6,036  |
| N.H. Concord           | 1,392 | 1,229 | 1,029 | 660  | 316 | 82   | 11   | 57   | 192   | 527  | 840   | 1,271 | 7,612  |
| N.J. Atlantic City     | 905   | 826   | 729   | 468  | 189 | 24   | 0    | 0    | 29    | 230  | 607   | 831   | 4,741  |
| N. Mex. Albuquerque    | 970   | 714   | 559   | 289  | 70  | 0    | 0    | 0    | 10    | 218  | 630   | 899   | 4,359  |
| N.Y. Albany            | 1,318 | 1,179 | 989   | 597  | 246 | 50   | 0    | 24   | 139   | 443  | 780   | 1,197 | 6,962  |
| N.Y. Buffalo           | 1,225 | 1,128 | 992   | 636  | 315 | 72   | 16   | 80   | 122   | 433  | 753   | 1,116 | 6,838  |
| N.Y. New York          | 905   | 904   | 753   | 456  | 158 | 18   | 0    | 0    | 30    | 263  | 561   | 908   | 5,050  |
| N.C. Charlotte         | 704   | 577   | 449   | 172  | 29  | 0    | 0    | 0    | 7     | 147  | 438   | 682   | 3,205  |
| N.C. Raleigh           | 732   | 613   | 477   | 202  | 41  | 0    | 0    | 0    | 16    | 149  | 438   | 701   | 3,369  |
| N. Dak. Bismarck       | 1,730 | 1,464 | 1,187 | 657  | 355 | 116  | 29   | 37   | 227   | 598  | 1,098 | 1,535 | 9,033  |
| Ohio Cincinnati        | 989   | 846   | 682   | 347  | 132 | 13   | 0    | 0    | 56    | 263  | 612   | 990   | 4,870  |
| Ohio Cleveland         | 1,132 | 1,019 | 874   | 531  | 223 | 46   | 0    | 10   | 75    | 340  | 690   | 1,057 | 6,006  |
| Ohio Columbus          | 1,094 | 946   | 781   | 444  | 180 | 81   | 0    | 8    | 69    | 337  | 693   | 1,032 | 5,615  |
| Okla. Oklahoma City    | 865   | 650   | 490   | 182  | 40  | 0    | 0    | 0    | 14    | 154  | 480   | 769   | 3,644  |
| Oreg. Portland         | 791   | 594   | 515   | 347  | 199 | 70   | 13   | 14   | 85    | 280  | 634   | 701   | 4,143  |
| Pa. Philadelphia       | 933   | 837   | 667   | 369  | 98  | 0    | 0    | 0    | 35    | 219  | 516   | 856   | 4,523  |
| Pa. Pittsburgh         | 1,116 | 986   | 818   | 486  | 195 | 36   | 0    | 20   | 94    | 377  | 720   | 1,057 | 5,905  |
| R.I. Providence        | 1,125 | 1,019 | 874   | 570  | 258 | 58   | 0    | 26   | 107   | 381  | 672   | 1,035 | 6,125  |
| S.C. Columbia          | 566   | 468   | 340   | 83   | 0   | 0    | 0    | 0    | 0     | 82   | 338   | 558   | 2,435  |
| S. Dak. Sioux Falls    | 1,575 | 1,274 | 1,023 | 558  | 276 | 80   | 16   | 21   | 155   | 472  | 984   | 1,414 | 7,848  |
| Tenn. Memphis          | 725   | 574   | 427   | 139  | 24  | 0    | 0    | 0    | 17    | 126  | 432   | 673   | 3,137  |
| Tenn. Nashville        | 778   | 636   | 498   | 186  | 43  | 0    | 0    | 0    | 22    | 154  | 471   | 725   | 3,513  |
| Tex. Dallas            | 607   | 432   | 288   | 75   | 0   | 0    | 0    | 0    | 0     | 53   | 299   | 518   | 2,272  |
| Tex. El Paso           | 670   | 445   | 330   | 110  | 0   | 0    | 0    | 0    | 0     | 70   | 390   | 626   | 2,641  |
| Tex. Houston           | 378   | 240   | 169   | 27   | 0   | 0    | 0    | 0    | 0     | 0    | 162   | 303   | 1,276  |
| Utah Salt Lake City    | 1,194 | 885   | 741   | 453  | 233 | 81   | 0    | 0    | 88    | 381  | 771   | 1,039 | 5,866  |
| Vt. Burlington         | 1,460 | 1,313 | 1,107 | 681  | 307 | 72   | 19   | 47   | 172   | 521  | 858   | 1,308 | 7,865  |
| Va. Norfolk            | 729   | 644   | 500   | 265  | 59  | 0    | 0    | 0    | 0     | 152  | 408   | 688   | 3,454  |
| Va. Richmond           | 828   | 708   | 550   | 271  | 66  | 0    | 0    | 0    | 33    | 210  | 498   | 791   | 3,955  |
| Wash. Seattle          | 753   | 602   | 558   | 398  | 246 | 107  | 49   | 45   | 134   | 329  | 540   | 679   | 4,438  |
| Wash. Spokane          | 1,243 | 988   | 834   | 561  | 330 | 146  | 17   | 28   | 205   | 608  | 879   | 1,113 | 6,862  |
| W. Va. Charleston      | 887   | 750   | 632   | 310  | 110 | 8    | 0    | 0    | 60    | 250  | 576   | 834   | 4,417  |
| Wis. Milwaukee         | 1,836 | 1,142 | 983   | 621  | 351 | 109  | 20   | 82   | 134   | 428  | 831   | 1,218 | 7,205  |
| Wyo. Cheyenne          | 1,225 | 1,044 | 1,029 | 717  | 462 | 173  | 33   | 39   | 241   | 577  | 897   | 1,126 | 7,562  |
| Alaska Juneau          | 1,203 | 1,066 | 998   | 765  | 558 | 342  | 319  | 335  | 480   | 716  | 957   | 1,150 | 8,888  |
| Hawaii Honolulu        | 0     | 0     | 0     | 0    | 0   | 0    | 0    | 0    | 0     | 0    | 0     | 0     | 0      |
| P.R. San Juan          | 0     | 0     | 0     | 0    | 0   | 0    | 0    | 0    | 0     | 0    | 0     | 0     | 0      |

Source: Department of Commerce, Weather Bureau; records.

No. 227. AVERAGE RELATIVE HUMIDITY

[For period of record through 1957. Eastern standard time. Hours selected to give, for most of country, were made on the

| STATION             | Length of record (yrs.) | JAN.  |       | FEB.  |       | MAR.  |       | APR.  |       | MAY   |       | JUNE  |       |
|---------------------|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                     |                         | 7:00  | 1:00  | 7:00  | 1:00  | 7:00  | 1:00  | 7:00  | 1:00  | 7:00  | 1:00  | 7:00  | 1:00  |
|                     |                         | a. m. | p. m. |
| Ala. Mobile         | 16                      | 87    | 63    | 87    | 60    | 86    | 57    | 87    | 56    | 87    | 55    | 87    | 58    |
| Ariz. Phoenix       | 19                      | 75    | 48    | 70    | 40    | 62    | 33    | 54    | 27    | 44    | 20    | 40    | 18    |
| Ark. Little Rock    | 16                      | 80    | 67    | 81    | 61    | 79    | 87    | 81    | 55    | 85    | 57    | 86    | 56    |
| Calif. Los Angeles  | 17                      | 04    | 46    | 68    | 45    | 73    | 46    | 79    | 51    | 81    | 52    | 85    | 54    |
| Sacramento          | 18                      | 90    | 81    | 88    | 74    | 85    | 64    | 85    | 57    | 82    | 51    | 78    | 45    |
| San Francisco       | 6                       | 84    | 68    | 81    | 66    | 80    | 62    | 83    | 65    | 84    | 66    | 87    | 68    |
| Colo. Denver        | 18                      | 60    | 45    | 63    | 44    | 64    | 40    | 67    | 40    | 71    | 39    | 68    | 34    |
| Conn. Hartford      | 45                      | 73    | 61    | 72    | 59    | 72    | 56    | 71    | 52    | 73    | 52    | 75    | 56    |
| Del. Wilmington     | 10                      | 77    | 62    | 77    | 59    | 75    | 55    | 74    | 52    | 77    | 54    | 78    | 53    |
| D.C. Washington     | 70                      | 73    | 56    | 70    | 53    | 72    | 48    | 69    | 45    | 73    | 48    | 75    | 52    |
| Fla. Jacksonville   | 21                      | 88    | 55    | 85    | 52    | 85    | 49    | 84    | 47    | 81    | 47    | 84    | 54    |
| Miami               | 18                      | 87    | 58    | 85    | 55    | 84    | 55    | 81    | 56    | 80    | 58    | 82    | 62    |
| Ga. Atlanta         | 70                      | 80    | 64    | 79    | 60    | 77    | 54    | 75    | 51    | 76    | 51    | 78    | 53    |
| Idaho Boise         | 18                      | 82    | 75    | 83    | 70    | 76    | 56    | 73    | 48    | 73    | 47    | 71    | 44    |
| Ill. Chicago        | 15                      | 80    | 70    | 80    | 67    | 78    | 60    | 76    | 54    | 75    | 54    | 77    | 54    |
| Peoria              | 18                      | 82    | 72    | 82    | 69    | 81    | 61    | 79    | 56    | 80    | 57    | 83    | 59    |
| Ind. Indianapolis   | 18                      | 83    | 72    | 83    | 68    | 82    | 61    | 80    | 57    | 80    | 56    | 83    | 58    |
| Iowa Des Moines     | 18                      | 79    | 71    | 81    | 69    | 79    | 64    | 79    | 54    | 81    | 50    | 84    | 60    |
| Kans. Wichita       | 4                       | 78    | 61    | 81    | 57    | 74    | 47    | 78    | 49    | 84    | 56    | 84    | 52    |
| Ky. Louisville      | 70                      | 78    | 68    | 77    | 63    | 75    | 57    | 72    | 54    | 74    | 53    | 76    | 54    |
| La. New Orleans     | 69                      | 85    | 67    | 84    | 64    | 84    | 60    | 83    | 59    | 83    | 59    | 82    | 60    |
| Maine Portland      | 17                      | 81    | 65    | 81    | 61    | 76    | 60    | 73    | 56    | 75    | 59    | 77    | 60    |
| Md. Baltimore       | 60                      | 72    | 58    | 70    | 56    | 69    | 53    | 65    | 50    | 67    | 51    | 70    | 53    |
| Mass. Boston        | 67                      | 71    | 59    | 69    | 58    | 69    | 54    | 68    | 53    | 69    | 55    | 71    | 56    |
| Mich. Detroit       | 24                      | 82    | 71    | 81    | 68    | 79    | 62    | 75    | 54    | 72    | 53    | 75    | 54    |
| Sault Ste. Marie    | 16                      | 84    | 77    | 85    | 75    | 85    | 69    | 80    | 61    | 79    | 57    | 85    | 64    |
| Minn. Duluth        | 16                      | 77    | 73    | 79    | 70    | 82    | 68    | 80    | 60    | 79    | 55    | 85    | 63    |
| Minneapolis         | 20                      | 81    | 71    | 81    | 69    | 81    | 65    | 76    | 53    | 76    | 51    | 80    | 56    |
| Miss. Jackson       | 12                      | 86    | 65    | 85    | 59    | 83    | 54    | 87    | 53    | 87    | 53    | 88    | 53    |
| Mo. Kansas City     | 24                      | 78    | 64    | 77    | 61    | 75    | 55    | 74    | 51    | 79    | 53    | 79    | 55    |
| St. Louis           | 65                      | 77    | 65    | 76    | 62    | 76    | 56    | 73    | 54    | 74    | 54    | 75    | 54    |
| Mont. Great Falls   | 16                      | 67    | 68    | 68    | 61    | 71    | 59    | 68    | 46    | 71    | 46    | 74    | 49    |
| Nebr. Omaha         | 22                      | 81    | 68    | 86    | 67    | 81    | 60    | 77    | 52    | 80    | 56    | 81    | 56    |
| Nev. Reno           | 18                      | 81    | 67    | 81    | 60    | 77    | 45    | 73    | 37    | 76    | 34    | 76    | 31    |
| N.H. Concord        | 70                      | 78    | 60    | 74    | 56    | 74    | 53    | 72    | 47    | 75    | 48    | 76    | 49    |
| N.J. Atlantic City  | 17                      | 79    | 68    | 77    | 68    | 77    | 66    | 76    | 65    | 78    | 69    | 80    | 71    |
| N. Mex. Albuquerque | 18                      | 68    | 51    | 62    | 43    | 54    | 33    | 50    | 28    | 48    | 26    | 43    | 24    |
| N.Y. Albany         | 19                      | 75    | 63    | 75    | 61    | 76    | 56    | 73    | 50    | 73    | 51    | 75    | 52    |
| Buffalo             | 18                      | 79    | 72    | 80    | 69    | 79    | 65    | 77    | 58    | 77    | 56    | 77    | 56    |
| New York            | 69                      | 72    | 62    | 70    | 59    | 69    | 56    | 68    | 54    | 71    | 56    | 74    | 58    |
| N.C. Charlotte      | 70                      | 80    | 60    | 77    | 56    | 77    | 52    | 74    | 49    | 75    | 49    | 78    | 51    |
| Raleigh             | 17                      | 82    | 57    | 79    | 52    | 78    | 49    | 78    | 45    | 80    | 49    | 82    | 52    |
| N. Dak. Bismarck    | 18                      | 77    | 71    | 79    | 71    | 83    | 68    | 83    | 53    | 79    | 49    | 81    | 55    |
| Ohio Cincinnati     | 18                      | 82    | 69    | 81    | 64    | 80    | 56    | 78    | 52    | 80    | 53    | 83    | 55    |
| Cleveland           | 16                      | 82    | 73    | 81    | 69    | 80    | 62    | 78    | 56    | 76    | 54    | 78    | 54    |
| Columbus            | 18                      | 82    | 71    | 81    | 66    | 77    | 58    | 79    | 55    | 79    | 55    | 81    | 55    |
| Okla. Oklahoma City | 18                      | 79    | 63    | 80    | 61    | 76    | 54    | 79    | 54    | 85    | 69    | 86    | 58    |
| Oreg. Portland      | 17                      | 87    | 81    | 88    | 80    | 87    | 69    | 88    | 66    | 87    | 66    | 87    | 66    |
| Pa. Philadelphia    | 17                      | 77    | 60    | 75    | 66    | 74    | 52    | 73    | 48    | 75    | 51    | 77    | 52    |
| Pittsburgh          | 5                       | 78    | 68    | 77    | 65    | 76    | 56    | 76    | 53    | 74    | 50    | 79    | 54    |
| R.I. Providence     | 18                      | 73    | 60    | 73    | 56    | 72    | 53    | 71    | 51    | 74    | 55    | 76    | 56    |
| S.C. Columbia       | 56                      | 81    | 57    | 80    | 54    | 79    | 50    | 77    | 47    | 77    | 47    | 79    | 51    |
| S. Dak. Sioux Falls | 9                       | 72    | 64    | 78    | 65    | 78    | 66    | 77    | 48    | 79    | 49    | 83    | 53    |
| Tenn. Memphis       | 18                      | 82    | 67    | 82    | 63    | 79    | 57    | 80    | 54    | 82    | 55    | 84    | 56    |
| Nashville           | 70                      | 84    | 67    | 80    | 62    | 78    | 56    | 76    | 51    | 79    | 53    | 79    | 52    |
| Tex. Dallas         | 17                      | 81    | 62    | 81    | 61    | 77    | 54    | 82    | 56    | 85    | 56    | 83    | 53    |
| El Paso             | 18                      | 63    | 45    | 54    | 36    | 44    | 28    | 40    | 26    | 40    | 23    | 44    | 25    |
| Houston             | 17                      | 87    | 66    | 88    | 64    | 86    | 59    | 90    | 60    | 92    | 60    | 91    | 59    |
| Salt Lake City      | 23                      | 80    | 71    | 79    | 64    | 74    | 51    | 69    | 42    | 67    | 37    | 63    | 31    |
| Vt. Burlington      | 16                      | 81    | 69    | 79    | 65    | 76    | 61    | 74    | 55    | 73    | 54    | 76    | 55    |
| Va. Norfolk         | 70                      | 79    | 61    | 77    | 57    | 77    | 55    | 74    | 52    | 76    | 55    | 78    | 57    |
| Richmond            | 23                      | 82    | 58    | 81    | 53    | 78    | 49    | 75    | 46    | 78    | 48    | 80    | 52    |
| Wash. Seattle       | 18                      | 85    | 80    | 87    | 78    | 85    | 70    | 86    | 63    | 85    | 61    | 86    | 63    |
| Spokane             | 10                      | 84    | 79    | 84    | 75    | 79    | 65    | 73    | 50    | 76    | 50    | 75    | 49    |
| W. Va. Charleston   | 8                       | 78    | 64    | 78    | 58    | 75    | 52    | 74    | 47    | 81    | 50    | 86    | 55    |
| Wis. Milwaukee      | 17                      | 76    | 70    | 76    | 68    | 78    | 64    | 78    | 59    | 77    | 60    | 80    | 61    |
| Wyo. Cheyenne       | 22                      | 59    | 48    | 61    | 48    | 67    | 43    | 74    | 47    | 78    | 47    | 75    | 42    |
| Alaska Juneau       | 14                      | 78    | 79    | 80    | 79    | 83    | 77    | 85    | 72    | 89    | 72    | 87    | 71    |
| Hawaii Honolulu     | 11                      | 80    | 80    | 79    | 79    | 77    | 75    | 75    | 71    | 75    | 69    | 74    | 68    |
| P.R. San Juan       | 58                      | 81    | 71    | 80    | 69    | 79    | 69    | 76    | 71    | 77    | 74    | 77    | 75    |

Source: Department of Commerce, Weather Bureau; records.

(PERCENT), FOR SELECTED CITIES

approximation of average highest and average lowest humidity values. Relative humidity observations half-hour prior to 1957

| JULY       |            | AUG.       |            | SEPT.      |            | OCT.       |            | NOV.       |            | DEC.       |            | ANNUAL     |            | STATION                      |
|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------------------------|
| 7:00 a. m. | 1:00 p. m. |                              |
| 90         | 63         | 91         | 60         | 90         | 61         | 87         | 52         | 84         | 54         | 86         | 62         | 87         | 59         | Ala. .... Mobile.            |
| 53         | 31         | 61         | 36         | 57         | 30         | 60         | 32         | 65         | 33         | 72         | 44         | 60         | 33         | Ariz. .... Phoenix.          |
| 85         | 55         | 86         | 55         | 85         | 52         | 85         | 51         | 81         | 55         | 82         | 63         | 83         | 57         | Ark. .... Little Rock.       |
| 85         | 49         | 88         | 49         | 78         | 47         | 77         | 47         | 59         | 38         | 62         | 43         | 74         | 47         | Calif. .... Los Angeles.     |
| 77         | 46         | 79         | 49         | 75         | 47         | 78         | 54         | 86         | 69         | 90         | 82         | 83         | 60         | Calif. .... Sacramento.      |
| 92         | 75         | 91         | 74         | 88         | 68         | 85         | 62         | 82         | 63         | 85         | 71         | 85         | 67         | Calif. .... San Francisco.   |
| 78         | 32         | 68         | 33         | 63         | 33         | 62         | 34         | 60         | 30         | 58         | 40         | 64         | 38         | Colo. .... Denver.           |
| 78         | 55         | 82         | 55         | 84         | 56         | 82         | 54         | 79         | 58         | 76         | 60         | 77         | 56         | Conn. .... Hartford.         |
| 79         | 51         | 84         | 55         | 86         | 55         | 85         | 54         | 82         | 57         | 78         | 60         | 79         | 56         | Del. .... Wilmington.        |
| 78         | 52         | 80         | 53         | 81         | 53         | 81         | 51         | 77         | 51         | 74         | 55         | 75         | 51         | D. C. .... Washington.       |
| 85         | 57         | 89         | 59         | 90         | 61         | 90         | 57         | 88         | 54         | 89         | 58         | 87         | 54         | Fla. .... Jacksonville.      |
| 84         | 64         | 86         | 63         | 88         | 66         | 88         | 63         | 87         | 60         | 87         | 60         | 85         | 60         | Fla. .... Miami.             |
| 83         | 57         | 85         | 57         | 82         | 55         | 79         | 53         | 78         | 55         | 81         | 63         | 79         | 56         | Ga. .... Atlanta.            |
| 54         | 34         | 51         | 33         | 58         | 38         | 67         | 48         | 81         | 67         | 84         | 76         | 71         | 53         | Idaho. .... Boise.           |
| 78         | 51         | 82         | 52         | 87         | 50         | 88         | 51         | 79         | 62         | 80         | 68         | 70         | 58         | Ill. .... Chicago.           |
| 83         | 54         | 87         | 56         | 87         | 55         | 86         | 53         | 83         | 64         | 83         | 71         | 83         | 61         | Ill. .... Peoria.            |
| 84         | 54         | 87         | 54         | 87         | 52         | 87         | 53         | 84         | 64         | 84         | 71         | 84         | 61         | Ind. .... Indianapolis.      |
| 77         | 49         | 81         | 53         | 83         | 53         | 80         | 52         | 80         | 62         | 82         | 69         | 80         | 57         | Iowa. .... Des Moines.       |
| 74         | 41         | 72         | 41         | 71         | 41         | 79         | 53         | 74         | 49         | 77         | 54         | 77         | 50         | Kans. .... Wichita.          |
| 77         | 52         | 81         | 54         | 82         | 52         | 81         | 53         | 77         | 59         | 78         | 64         | 77         | 57         | Ky. .... Louisville.         |
| 84         | 64         | 85         | 63         | 84         | 53         | 82         | 58         | 83         | 60         | 85         | 66         | 84         | 62         | La. .... New Orleans.        |
| 78         | 58         | 82         | 58         | 85         | 60         | 85         | 60         | 85         | 65         | 82         | 62         | 80         | 60         | Maine. .... Portland.        |
| 71         | 52         | 74         | 55         | 75         | 56         | 74         | 53         | 72         | 55         | 71         | 58         | 71         | 54         | Md. .... Baltimore.          |
| 72         | 55         | 73         | 56         | 76         | 56         | 75         | 54         | 73         | 57         | 72         | 57         | 72         | 56         | Mass. .... Boston.           |
| 74         | 50         | 80         | 52         | 84         | 53         | 83         | 55         | 80         | 65         | 81         | 71         | 79         | 59         | Mich. .... Detroit.          |
| 87         | 61         | 91         | 62         | 92         | 67         | 89         | 65         | 87         | 77         | 86         | 79         | 86         | 68         | Mich. .... Sault Ste. Marie. |
| 87         | 62         | 91         | 63         | 92         | 64         | 87         | 61         | 86         | 76         | 80         | 75         | 84         | 66         | Minn. .... Duluth.           |
| 82         | 54         | 85         | 56         | 85         | 55         | 80         | 54         | 82         | 68         | 83         | 73         | 81         | 60         | Minn. .... Minneapolis.      |
| 90         | 55         | 90         | 51         | 89         | 51         | 88         | 47         | 84         | 52         | 84         | 58         | 87         | 54         | Miss. .... Jackson.          |
| 76         | 48         | 78         | 51         | 79         | 48         | 77         | 49         | 75         | 56         | 78         | 63         | 77         | 55         | Mo. .... Kansas City.        |
| 73         | 50         | 77         | 53         | 79         | 54         | 76         | 52         | 75         | 59         | 77         | 65         | 76         | 57         | Mo. .... St. Louis.          |
| 64         | 37         | 64         | 39         | 65         | 43         | 64         | 48         | 66         | 37         | 65         | 60         | 67         | 51         | Mont. .... Great Falls.      |
| 81         | 52         | 84         | 55         | 82         | 51         | 79         | 50         | 79         | 58         | 81         | 65         | 81         | 58         | Nebr. .... Omaha.            |
| 72         | 25         | 74         | 26         | 76         | 31         | 79         | 43         | 81         | 54         | 83         | 67         | 77         | 43         | Nebr. .... Reno.             |
| 80         | 49         | 85         | 53         | 88         | 53         | 86         | 52         | 82         | 64         | 80         | 79         | 59         | 70         | N. H. .... Concord.          |
| 81         | 72         | 82         | 71         | 81         | 70         | 80         | 64         | 79         | 65         | 78         | 67         | 79         | 68         | N. J. .... Atlantic City.    |
| 50         | 34         | 66         | 38         | 54         | 34         | 59         | 36         | 60         | 41         | 67         | 50         | 58         | 37         | N. Mex. .... Albuquerque.    |
| 79         | 52         | 83         | 52         | 87         | 55         | 86         | 54         | 81         | 61         | 78         | 64         | 78         | 56         | N. Y. .... Albany.           |
| 78         | 53         | 82         | 54         | 82         | 56         | 82         | 58         | 80         | 66         | 78         | 71         | 79         | 61         | N. Y. .... Buffalo.          |
| 75         | 57         | 77         | 60         | 78         | 60         | 75         | 58         | 73         | 61         | 72         | 62         | 73         | 59         | N. Y. .... New York.         |
| 82         | 55         | 85         | 56         | 84         | 55         | 81         | 50         | 79         | 53         | 80         | 60         | 79         | 54         | N. C. .... Charlotte.        |
| 86         | 55         | 89         | 56         | 89         | 57         | 89         | 52         | 85         | 51         | 83         | 55         | 83         | 43         | N. C. .... Raleigh.          |
| 85         | 52         | 85         | 50         | 84         | 50         | 82         | 52         | 82         | 67         | 80         | 70         | 82         | 50         | N. Dak. .... Bismarck.       |
| 84         | 52         | 87         | 51         | 87         | 49         | 86         | 51         | 81         | 59         | 81         | 66         | 83         | 56         | Ohio. .... Cincinnati.       |
| 79         | 52         | 82         | 53         | 83         | 53         | 82         | 55         | 80         | 64         | 80         | 70         | 80         | 60         | Ohio. .... Cleveland.        |
| 83         | 52         | 86         | 52         | 86         | 50         | 86         | 53         | 82         | 62         | 82         | 69         | 82         | 58         | Ohio. .... Columbus.         |
| 82         | 53         | 80         | 60         | 79         | 50         | 80         | 52         | 77         | 53         | 79         | 59         | 80         | 56         | Okla. .... Oklahoma City.    |
| 85         | 62         | 87         | 66         | 89         | 67         | 92         | 80         | 90         | 83         | 88         | 84         | 88         | 73         | Oreg. .... Portland.         |
| 78         | 51         | 81         | 54         | 83         | 52         | 83         | 62         | 80         | 55         | 77         | 58         | 78         | 53         | Pa. .... Philadelphia.       |
| 80         | 52         | 84         | 54         | 84         | 52         | 83         | 56         | 78         | 58         | 78         | 60         | 79         | 57         | Pa. .... Pittsburgh.         |
| 79         | 56         | 82         | 56         | 84         | 56         | 83         | 54         | 80         | 58         | 74         | 57         | 77         | 56         | R. I. .... Providence.       |
| 83         | 55         | 86         | 56         | 86         | 56         | 84         | 60         | 82         | 51         | 82         | 58         | 81         | 53         | S. C. .... Columbia.         |
| 84         | 52         | 85         | 63         | 80         | 48         | 75         | 49         | 75         | 54         | 76         | 65         | 79         | 56         | S. Dak. .... Sioux Falls.    |
| 85         | 56         | 86         | 54         | 85         | 52         | 85         | 50         | 81         | 54         | 81         | 62         | 83         | 57         | Tenn. .... Memphis.          |
| 81         | 53         | 84         | 54         | 85         | 52         | 84         | 51         | 81         | 58         | 82         | 65         | 81         | 56         | Tenn. .... Nashville.        |
| 79         | 49         | 77         | 47         | 80         | 48         | 82         | 50         | 80         | 52         | 78         | 58         | 80         | 54         | Tox. .... Dallas.            |
| 60         | 37         | 63         | 39         | 57         | 37         | 57         | 37         | 55         | 36         | 61         | 42         | 53         | 34         | Tox. .... El Paso.           |
| 92         | 68         | 93         | 67         | 90         | 58         | 89         | 54         | 86         | 57         | 86         | 64         | 80         | 60         | Tox. .... Houston.           |
| 55         | 27         | 55         | 28         | 50         | 30         | 70         | 42         | 78         | 58         | 82         | 60         | 69         | 46         | Utah. .... Salt Lake City.   |
| 76         | 54         | 80         | 55         | 83         | 59         | 82         | 59         | 81         | 68         | 80         | 69         | 78         | 60         | Vt. .... Burlington.         |
| 81         | 60         | 83         | 62         | 82         | 62         | 81         | 60         | 80         | 56         | 79         | 59         | 79         | 58         | Va. .... Norfolk.            |
| 84         | 55         | 87         | 56         | 88         | 55         | 89         | 53         | 85         | 51         | 83         | 56         | 83         | 53         | Va. .... Richmond.           |
| 85         | 63         | 88         | 68         | 90         | 72         | 91         | 79         | 90         | 82         | 86         | 83         | 87         | 72         | Wash. .... Seattle.          |
| 66         | 39         | 63         | 42         | 67         | 44         | 83         | 66         | 86         | 78         | 87         | 83         | 77         | 60         | Wash. .... Spokane.          |
| 87         | 52         | 91         | 53         | 90         | 51         | 88         | 51         | 79         | 54         | 70         | 60         | 84         | 54         | W. Va. .... Charleston.      |
| 81         | 58         | 83         | 59         | 83         | 58         | 82         | 57         | 80         | 65         | 77         | 70         | 70         | 62         | Wis. .... Milwaukee.         |
| 73         | 36         | 72         | 36         | 69         | 37         | 67         | 39         | 62         | 45         | 59         | 47         | 68         | 43         | Wyo. .... Cheyenne.          |
| 88         | 78         | 90         | 81         | 91         | 85         | 88         | 85         | 85         | 84         | 81         | 81         | 85         | 79         | Alaska. .... Juneau.         |
| 74         | 69         | 75         | 70         | 75         | 70         | 76         | 72         | 78         | 74         | 78         | 76         | 76         | 73         | Hawaii. .... Honolulu.       |
| 78         | 75         | 78         | 74         | 79         | 74         | 80         | 74         | 81         | 72         | 82         | 72         | 79         | 73         | P. R. .... San Juan.         |