

DEPARTMENT OF COMMERCE AND LABOR  
BUREAU OF THE CENSUS

B. DANA DURAND, DIRECTOR

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THIRTEENTH CENSUS OF THE UNITED STATES  
TAKEN IN THE YEAR 1910

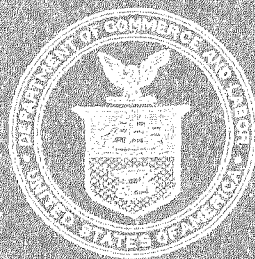
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# STATISTICS FOR MARYLAND

CONTAINING STATISTICS OF POPULATION,  
AGRICULTURE, MANUFACTURES, AND  
MINING FOR THE STATE, COUNTIES,  
CITIES, AND OTHER DIVISIONS

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REPRINT OF THE SUPPLEMENT FOR MARYLAND PUBLISHED IN CONNECTION WITH THE  
ABSTRACT OF THE CENSUS



WASHINGTON  
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## THIRTEENTH CENSUS PUBLICATIONS.

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The results of the Thirteenth Decennial Census will be published in two forms: A comprehensive report in 12 volumes, and a condensed report, the Abstract of the Thirteenth Census, which is being issued with Supplements for the different states.

The material contained in the Supplements embraces for each state all of the census results published concerning the state, its counties, cities, and other civil divisions, except as to occupations. This material is bound up in one volume with the Abstract of the Thirteenth Decennial Census. The result is a series of editions of the Abstract each with a different State Supplement, with the purpose of furnishing those who receive the Abstract with the statistics of the state in which they reside.

The material contained in the various State Supplements will also be printed by subjects in the final reports. The chapters relating to Population for all of the states will be assembled in two volumes of the final report on Population; those relating to Agriculture, in two volumes of the final report on that subject; those relating to Manufactures, in one volume of the final report on Manufactures; and those relating to Mining, in the final report on Mining.

The present pamphlet is a reprint of the State Supplement. It contains no material which is not available in the bound volume of the Abstract for the state to which it refers, or in the complete final report of the Thirteenth Census, and has been issued in a very limited edition for special purposes.

# SUPPLEMENT FOR MARYLAND



POPULATION  
AGRICULTURE  
MANUFACTURES  
MINES AND QUARRIES

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(565)

CHAPTER 1.  
NUMBER OF INHABITANTS.

Introduction.—This chapter gives the population of Maryland, by counties and minor civil divisions, as enumerated at the Thirteenth Census, taken as of April 15, 1910, with comparative statements of population where possible, and a statement and discussion for the state as a whole of the population living in urban and in rural territory. The statistics are given in detail in two general tables.

Table 1 (p. 574) shows the population of Maryland, distributed according to counties and minor civil divisions, at the last three censuses, namely, those of 1910, 1900, and 1890. In this table the counties are arranged alphabetically, while the primary divisions in each county are given in numerical order. The figures for secondary divisions are printed in italics. The changes in boundaries, name, or form of organization that have taken place since 1900 are indicated in the footnotes to the table. For changes between 1890 and 1900 reference must be made to the census report of 1900.

Table 2 (p. 578) shows the cities and incorporated towns and villages in Maryland, alphabetically arranged, with their population in 1910, 1900, and 1890.

The population of Maryland, by counties, at each of the last five censuses, from 1870 to 1910, inclusive; the increase during the last two decades; the density of the total and the rural population at the census of 1910; and the distribution of the population at the last two censuses according to urban and rural districts, are given in Table I of Chapter 2.

The tables and text of the present chapter contain few technical expressions whose meaning is not ap-

parent. The census usage in regard to certain terms is, however, explained below:

Density of population.—The density of population of a state or county is obtained by dividing its total population by the number of square miles in its land area. In calculating the density of rural population, the same divisor is used. It is not practicable to ascertain the exact area covered by the urban districts, and even if this could be done with accuracy the deduction of this area from the total land area would make no appreciable difference in the resulting quotient.

Minor civil divisions.—The counties are divided generally into smaller political units which bear different designations in the different parts of the country, such as towns, townships, election districts, etc. Of these minor civil divisions those which rank next to the county as geographic areas are termed primary divisions. In many instances, however, these primary divisions contain political units of still smaller area, such as cities, incorporated villages, towns, or boroughs. These smaller political units or subdivisions are referred to as secondary divisions.

Urban and rural population defined.—The Census Bureau, for purposes of discussion, has defined urban population as that residing in cities and other incorporated places of 2,500 inhabitants or more, and rural population as that residing outside of such incorporated places.

The comparisons of the urban and rural population in 1910 with that at earlier enumerations may be made either with respect to the varying proportions of the two classes at successive enumerations or with respect to the increase between enumerations. In order to contrast the proportion of the total population living in urban or rural territory at the census of 1910 with the proportion urban or rural at the preceding census, it is necessary to classify the territory according to the conditions as they existed at each census. On the other hand, in order to present fairly the contrast between urban and rural communities, as regards their rate of growth, it is necessary to consider the changes in population for the same territory which have occurred from one decennial census to another. For this purpose the territory which in 1910 was urban or rural, as the case may be, is taken as the basis, and the population in 1900

HISTORICAL NOTE.—Maryland was named in honor of Henrietta Maria, queen consort of Charles I of England.

The first white man to explore the region now constituting Maryland was Capt. John Smith, who sailed up Chesapeake Bay in 1608.

This region was covered by the several charters of Virginia (1606-1612), but none of the land within its limits was granted to settlers by the Virginia authorities. In 1631 William Claiborne, a Virginian, established a trading post on Kent Island in Chesapeake Bay. He had no grant of land, but had been given a license by Charles I to trade in those parts of the English possessions in America for which patents had not been issued. The result of his occupation of Kent Island was a territorial quarrel between Virginia and Maryland which lasted more than 20 years.

In 1632 a charter was granted by Charles I to Cecilius Calvert, second Lord Baltimore, as a result of the endeavors of George Calvert, his father, who died just before the patent was issued. The grant conferred on the proprietor possession of the area now comprising Maryland, Delaware, and a large part of Pennsylvania and of West Virginia. On March 27, 1634, a settlement was made, under the leadership of Leonard Calvert, brother of Lord Baltimore, at St. Mary's, in the southern part of the colony, between Chesapeake Bay and the lower Potomac. The primary motive of Calvert in founding the colony was to provide an asylum for persecuted Catholics, and from the beginning religious toleration was the established custom of the colony.

The charter granted to Calvert made Maryland a palatinate and conferred practically royal power on the proprietor. It reserved to the crown only feudal supremacy. In 1638 the right to initiate legislation, which until then had been claimed by Lord Baltimore, was conceded to the people, the proprietor reserving to himself the mere veto power.

In 1649 the assembly passed the famous Act of Toleration. In 1652 the col was seized by the commissioners of Parliament, but it was restored to Lord P more in 1657.

At some time prior to 1650 a company of Puritans from Virginia settled at dence, now Annapolis, and in that year, because of their turbulence and of conciliation, their settlements were organized as Anne Arundel Count

In 1689 an association of Protestants, under the leadership of John C St. Mary's and assumed control of the government in the name of Mary of England. In 1691 King William approved this act and of Baltimore (son of the original proprietor) of his political power and at not of his property rights. In 1715 the province was restored to ord Baltimore.

The boundaries between Maryland and Pennsylvania and between d and Delaware were long a subject of controversy, until, in 1760, an agreement was reached. A few years later the lines were surveyed. By the charter of 1632 the fortieth parallel was made the northern boundary of Maryland, but the line—known as Mason and Dixon's line—was finally fixed at about latitude 39° 43'.

Maryland was one of the original thirteen states.

According to estimates and censuses taken prior to the first Federal census, in 1790, the population of the colony of Maryland at different dates was as follows: 1660 (estimate), 8,000; 1676 (estimate), 16,000; 1701 (estimate), 32,258; 1712 (census), 46,073; 1715 (estimate), 50,200; 1719 (estimate), 61,000; 1748 (estimate), 130,000; 1755 (census), 153,564; 1761 (estimate), 164,007; 1775 (estimate), 200,000; 1783 (estimate), 254,000.



for the same territory (so far as separately reported at that census) is presented, even though part of the territory may, on the basis of its population at the earlier census, have then been in a different class. This avoids the disturbing effect on comparisons which would arise

from the passage, for example, of communities formerly classed as rural into the urban group. These two distinct forms of comparison are made in Table I of Chapter 2 for the state as a whole and for each county separately for the last two censuses.

### TOTAL POPULATION, INCREASE, AND DISTRIBUTION.

**Population of the state.**—The population of Maryland is 1,295,346. Compared with a population of 1,188,044 in 1900, this represents an increase during the last decade of 107,302, or 9 per cent. During the same period the total population of the United States increased 21 per cent. The percentage of increase for the state during the last decade has been

smaller than that shown for any other decade since 1840.

The following table shows the population of Maryland at each census from 1790 to 1910, inclusive, together with the increase and per cent of increase during each decade, in comparison with the per cent of increase for the United States as a whole.

| CENSUS YEAR. | Population. | INCREASE OVER PRECEDING CENSUS. |           | Per cent of increase for the United States. |
|--------------|-------------|---------------------------------|-----------|---|
|              |             | Number.                         | Per cent. |   |
| 1910.....    | 1,295,346   | 107,302                         | 9.0       | 21.0  |
| 1900.....    | 1,188,044   | 145,654                         | 14.0      | 20.7  |
| 1890.....    | 1,042,390   | 107,447                         | 11.5      | 25.5  |
| 1880.....    | 934,943     | 154,049                         | 19.7      | 30.1  |
| 1870.....    | 780,894     | 93,845                          | 13.7      | 22.6  |
| 1860.....    | 687,049     | 104,015                         | 17.3      | 35.6  |
| 1850.....    | 583,034     | 113,015                         | 24.0      | 35.9  |
| 1840.....    | 470,019     | 22,979                          | 5.1       | 32.7  |
| 1830.....    | 447,040     | 39,690                          | 9.7       | 33.5  |
| 1820.....    | 407,350     | 26,804                          | 7.0       | 33.1  |
| 1810.....    | 380,546     | 38,998                          | 11.4      | 36.4  |
| 1800.....    | 341,548     | 21,820                          | 6.8       | 35.1  |
| 1790.....    | 319,728     |                                 |           |   |

It will be noticed from this table that the later censuses have recorded a more rapid growth of population than did the earlier ones. During the 50 years from 1790 to 1840, the addition to the population was 150,291, or a little less than 50 per cent. During the next decade more than two-thirds as many inhabitants, or 113,015, were added to the population. During the 40 years which followed, 1850-1890, the increase of population, 459,356, was but little more than four times as great as between 1840 and 1850. Since 1890 the increase has been 252,956. The rate of increase before 1840 exceeded 10 per cent during only one decade. Since that date it has fallen below 10 per cent only in the last decade, 1900-1910, and has generally been considerably above this rate.

A comparison of the rates of increase for the state with those for United States, as given in the preceding table, shows that the rate of increase during each decade has been much less rapid for the state than for the country as a whole. During each decade prior to 1840 the rate of growth for the state was less than one-third as great as that for the country as a whole. Since that date there have been only two decades in which it was even two-thirds as great. The population of the state in 1910 was a little more than four times as large as in 1790, when the First Census was taken, while the population of the United States in 1910 was more than twenty-three times that

in 1790. In making this comparison it should not be forgotten that the rapid growth of the nation as a whole has resulted in part from the absorption by the newer areas of some of the growth of the older states. Maryland formed a part of the area enumerated in 1790. This area has grown in population from 3,929,214 in 1790 to 41,785,543 in 1910, and has therefore increased tenfold, while in the same period Maryland increased fourfold in population.

**Principal cities.**—Maryland has 9 cities, of which the largest, Baltimore, has a population of 558,485, and the next largest, Cumberland, a population of 21,839. There are 2 other cities besides Cumberland which have from 10,000 to 25,000 inhabitants, while 1 city has from 5,000 to 10,000, 2 from 2,500 to 5,000, and 2 less than 2,500 inhabitants, respectively. The aggregate population of the 9 cities is 625,751, or 48.3 per cent of the total population of the state.

Table 2 shows the population in 1910 of all the cities of the state with comparative figures, where possible, for 1900 and 1890.

The table on page 569 shows, so far as the figures are available, the population of the five cities having in 1910 over 5,000 inhabitants, as reported at each census since their incorporation as cities, or in the case of Baltimore since its incorporation as a town, together with the increase during each decade.

| CITY AND CENSUS YEAR. | Population. | INCREASE <sup>1</sup> OVER PRE-<br>CEDING CENSUS. |           | CITY AND CENSUS YEAR.        | Population. | INCREASE <sup>1</sup> OVER PRE-<br>CEDING CENSUS. |           |
|-----------------------|-------------|---|-----------|------------------------------|-------------|---|-----------|
|                       |             | Number.   | Per cent. |                              |             | Number.   | Per cent. |
| <b>Annapolis:</b>     |             |   |           | <b>Cumberland—Continued.</b> |             |   |           |
| 1910.....             | 8,609       | 84  | 1.0       | 1890.....                    | 12,729      | 2,036   | 19.0      |
| 1900.....             | 8,525       | 921   | 12.1      | 1880.....                    | 10,693      | 2,637   | 32.7      |
| 1890.....             | 7,604       | 962   | 14.5      | 1870.....                    | 8,056       | 3,978   | 97.5      |
| 1880.....             | 6,642       | 898   | 15.6      | 1860.....                    | 4,078       | -1,995  | -32.9     |
| 1870.....             | 5,744       | 1,215   | 26.8      | 1850.....                    | 6,073       |   |           |
| 1860.....             | 4,529       | 1,518   | 50.4      | <b>Frederick:</b>            |             |   |           |
| 1850.....             | 3,011       | 219   | 7.8       | 1910.....                    | 10,411      | 1,115   | 12.0      |
| 1840.....             | 2,792       | 169   | 6.4       | 1900.....                    | 9,296       | 1,103   | 13.5      |
| 1830.....             | 2,623       | 363   | 16.1      | 1890.....                    | 8,193       | -466  | -5.4      |
| 1820.....             | 2,260       |   |           | 1880.....                    | 8,659       | 133   | 1.6       |
| <b>Baltimore:</b>     |             |   |           | 1870.....                    | 8,526       | 333   | 4.7       |
| 1910.....             | 558,485     | 49,528  | 9.7       | 1860.....                    | 8,143       | 2,115   | 35.1      |
| 1900.....             | 508,957     | 74,518  | 17.2      | 1850.....                    | 6,028       | 846   | 16.3      |
| 1890.....             | 434,439     | 102,126   | 30.7      | 1840.....                    | 5,182       | 755   | 17.1      |
| 1880.....             | 332,313     | 64,959  | 24.3      | 1830.....                    | 4,427       | 787   | 21.6      |
| 1870.....             | 267,354     | 54,936  | 25.9      | 1820.....                    | 3,640       |   |           |
| 1860.....             | 212,418     | 43,364  | 25.7      | <b>Hagerstown:</b>           |             |   |           |
| 1850.....             | 169,054     | 66,741  | 65.2      | 1910.....                    | 16,507      | 2,916   | 21.5      |
| 1840.....             | 102,313     | 21,693  | 26.9      | 1900.....                    | 13,591      | 3,473   | 34.3      |
| 1830.....             | 80,620      | 17,882  | 28.5      | 1890.....                    | 10,118      | 3,491   | 52.7      |
| 1820.....             | 62,738      | 16,183  | 34.8      | 1880.....                    | 6,627       | 848   | 14.7      |
| 1810.....             | 46,555      | 20,041  | 75.6      | 1870.....                    | 5,779       | 1,647   | 39.9      |
| 1800.....             | 26,514      | 13,011  | 96.4      | 1860.....                    | 4,132       | 253   | 6.5       |
| 1790.....             | 13,503      |   |           | 1850.....                    | 3,879       |   |           |
| <b>Cumberland:</b>    |             |   |           |                              |             |   |           |
| 1910.....             | 21,839      | 4,711   | 27.5      |                              |             |   |           |
| 1900.....             | 17,128      | 4,399   | 34.6      |                              |             |   |           |

<sup>1</sup> A minus sign (-) denotes decrease.

Of the cities included in the foregoing table, Cumberland shows the highest percentage of increase during the last decade, namely, 27.5 per cent, and Annapolis the lowest, 1 per cent.

Baltimore contains 43.1 per cent of the total population of the state. In 1790 it contained only 4.2 per cent, but in 1840 it had a little over one-fifth of the state's population. The rate of growth of the city during each decade prior to 1890 was considerably larger than that of the state, though since that time the two figures have approached one another. Its increase during the last decade, 9.7 per cent, was barely one-half the rate of increase at the preceding census, and was considerably less than one-half that at any other previous census. Its absolute increase since 1900 has been nearly four times the total population of the city in 1790.

**Counties.**—Maryland has 23 counties, while Baltimore city is organized under a separate and independent government with a separate system of courts, and occupies the status of a county. The population of these 24 major civil divisions ranges from 10,325 in Calvert County to 558,485 in Baltimore city.

There have been no changes in the territorial boundaries of the counties since 1900.

Fourteen counties and Baltimore city have increased in population during the last decade, the percentages of increase ranging from two-tenths of 1 per cent in Carroll County to 34.8 per cent in Baltimore County, and the absolute increases from 74 in Carroll County to 49,528 in Baltimore city. Seven counties and Baltimore city show a larger percentage of increase than is shown for the state as a whole, which, as before stated, was 9 per cent. Nine counties have decreased in population during the last decade, the percentages of decrease ranging from two-tenths of 1 per cent in Anne Arundel County to 9.7 per cent in Kent County, and the absolute decreases from 67 in Anne Arundel County to 1,829 in Kent County.

The aggregate increase of population in the 14 counties that show an increase and of Baltimore city, is 114,689; the aggregate decrease of population in the 9 counties that show a decrease is 7,387. The difference, 107,302, is, of course, the total increase of population in the state.

The maps on page 572 show the increase or decrease in the total and the rural population, respectively, of each county of Maryland during the last decade. In the counties shown in white the population decreased; for the other counties the different rates of increase are indicated by differences in shading.

**Density of population.**—The total land area of the state is 9,941 square miles. The average number of persons to the square mile is 130.3; in 1900 and 1890 it was 119.5 and 104.9, respectively. The average number per square mile for the United States as a whole in 1910 was 30.9.

In density of population Maryland ranks seventh among the states.

The density of population is given by counties in Table I of Chapter 2 and in the maps on page 573, both for the entire population and for that living in rural territory, excluding in the latter case the population of places of 2,500 inhabitants or more, but not excluding the land area of such places.

As respects total population, Baltimore city has the smallest area, 30 square miles, and the highest density, 18,616.2 persons per square mile, of any of the major civil divisions. Garrett County, with an area of 685 square miles and a population of 29.4 persons to the square mile, has the largest area and lowest density of any county in the state.

**Minor civil divisions.**—The political divisions into which counties are subdivided are collectively termed "Minor civil divisions." The 23 counties of Maryland are divided into 285 election districts. There are also 114 secondary divisions, comprising 8 cities, 3 villages,



and 103 towns. One city comprises the whole of 1 election district and parts of five others, while 2 cities and 1 town are coextensive with the election districts in which located.

**Urban and rural population compared.**—The following table presents the population of Maryland at the cen-

suses of 1910, 1900, and 1890, respectively, distributed among places grouped according to specified limits of population, together with the percentage of the total population contained in each group at each of the censuses named. The classification is based upon the population of each place as it existed at each census.

| CLASS OF PLACES.  | 1910              |                | 1900              |                | 1890              |                | PER CENT OF TOTAL POPULATION. |             |             |
|---|-------------------|----------------|-------------------|----------------|-------------------|----------------|-------------------------------|-------------|-------------|
|   | Number of places. | Population.    | Number of places. | Population.    | Number of places. | Population.    | 1910                          | 1900        | 1890        |
| Total population.....   |                   | 1,205,340      |                   | 1,188,044      |                   | 1,042,300      | 100.0                         | 100.0       | 100.0       |
| <b>Urban territory.....</b>                                     | <b>15</b>         | <b>658,192</b> | <b>14</b>         | <b>591,206</b> | <b>13</b>         | <b>495,702</b> | <b>50.8</b>                   | <b>49.8</b> | <b>47.6</b> |
| Cities and towns of 100,000 inhabitants or more.....            | 1                 | 558,485        | 1                 | 508,957        | 1                 | 434,439        | 43.1                          | 42.8        | 41.7        |
| Cities and towns of 10,000 to 25,000 inhabitants.....           | 3                 | 43,757         | 2                 | 30,719         | 2                 | 22,847         | 3.8                           | 2.6         | 2.2         |
| Cities and towns of 5,000 to 10,000 inhabitants.....            | 4                 | 27,784         | 4                 | 28,842         | 2                 | 15,707         | 2.1                           | 2.4         | 1.5         |
| Cities and towns of 2,500 to 5,000 inhabitants.....             | 7                 | 23,216         | 7                 | 22,688         | 7                 | 22,019         | 1.8                           | 1.9         | 2.2         |
| <b>Rural territory.....</b>                                     |                   | <b>637,154</b> |                   | <b>596,838</b> |                   | <b>546,688</b> | <b>49.2</b>                   | <b>50.2</b> | <b>52.4</b> |
| Cities, towns, and villages of less than 2,500 inhabitants..... | 100               | 68,883         | 84                | 56,667         | 60                | 47,213         | 5.3                           | 4.8         | 4.5         |
| Other rural territory.....                                      |                   | 568,271        |                   | 540,171        |                   | 499,475        | 43.9                          | 45.5        | 47.9        |

As shown by this table, the urban territory of the state in 1910—that is, the cities and incorporated villages of 2,500 inhabitants or more—contained 658,192 inhabitants, or 50.8 per cent of the total population, while 637,154 inhabitants, or 49.2 per cent, lived in rural territory. The urban territory as it existed in 1900—that is, the incorporated places then having 2,500 inhabitants or more—contained 591,206 inhabitants, or 49.8 per cent of the total population, while 596,838 inhabitants, or 50.2 per cent, lived in rural territory. The slight increase in the proportion of urban population was confined to cities of over 10,000 inhabitants, the proportion in places having from 2,500 to 10,000 inhabitants having decreased slightly since 1900. For the United States as a whole the urban population constituted 46.3 per cent of the total population in 1910 and 40.5 per cent of the total population in 1900.

From this table it also appears that the urban population of the state in 1910 was distributed among 15 places, having a combined population of 658,192. Baltimore city contributed more than four-fifths of this total. The 100 places of less than 2,500 inhabitants each, comprising 2 cities and 98 towns and villages, have an aggregate population of 68,883, or 5.3 per cent of the total population of the state. These places comprise 24 having from 1,000 to 2,500 inhabitants each, with a combined population of 34,977; 29 having from 500 to 1,000 inhabitants each, with a combined population of 20,737; and 47 having less than 500 inhabitants each, with a combined population of 13,169. The population living in unincorporated territory represents 43.9 per cent of the total for the state.

The above table shows further that in all incorporated places, including those of less than 2,500 inhabitants, there was in 1910 a population of 727,075, or 56.1 per cent of the population of the state. The population of all incorporated places, as they existed in 1900, was 647,873, or 54.5 per cent of the population of the state.

Table I of Chapter 2 shows that 11 counties had a larger proportion of urban population in 1910 than in 1900, and that 12 counties were wholly rural.

In order to compare the *rate of growth* in urban and rural communities it is necessary in each case, as previously explained, to consider the changes in population which have occurred in the *same* territory from one decennial census to another. With this end in view places classed as urban or rural according to their population in 1910 are taken as a basis and the aggregate population in 1910 and in 1900 of the same places is then compared. Thus, as shown in the table on the next page, the total population in 1910 of those cities and towns which at that time had over 2,500 inhabitants was 658,192; in 1900 the total population of these same places was 593,133. It may be noted that the latter figure exceeds the total population in 1900 of those places which at that time had over 2,500 inhabitants each, 591,206 (see table above) by 1,927. This difference is due to two things: First, two towns having less than 2,500 inhabitants each in 1900, with a combined population of 4,469, had more than 2,500 inhabitants each in 1910; and second, one town, with 2,542 inhabitants in 1900, had only 2,487 inhabitants in 1910.

A comparison of the total population in 1910 of places having a population of not less than 2,500 each

with the total population of the same places in 1900, as given in the next table, shows an increase of 11 per cent. This represents the rate of growth of urban communities as thus defined. During the same period the rural population, comprising the remainder of the state, increased 7.1 per cent. The population of urban areas thus increased a little faster than that of rural territory. For the United States as a whole urban population increased 34.9 per cent in the last decade and rural population 11.2 per cent. As shown by Table I of Chapter 2, there were 11 counties in Maryland in which the population living in rural territory decreased and 1 county in which there was a decrease in urban population.

For the state as a whole the urban population is still further distributed in the following table, which shows, for 1910 and 1900, the population of the city of Baltimore, the combined population of the other cities and towns having 2,500 inhabitants or more in 1910, and the population of the remainder of the state.

From this table it appears that Baltimore city, the

only place in the state having over 25,000 inhabitants, increased in population during the last decade a little more rapidly than the state as a whole. The rate of increase for places having from 2,500 to 25,000 inhabitants was a little more than twice that for the state as a whole, while the rate of increase in rural territory was a little less than that for the state.

| CLASS OF PLACES.                                    | POPULATION. |           | INCREASE:<br>1900-1910 |           |
|---|-------------|-----------|------------------------|-----------|
|   | 1910        | 1900      | Number.                | Per cent. |
| The state.....                                      | 1,295,346   | 1,188,044 | 107,302                | 9.0       |
| Urban territory in 1910.....                        | 658,192     | 593,133   | 65,059                 | 11.0      |
| City of Baltimore.....                              | 558,485     | 508,957   | 49,528                 | 9.7       |
| Cities and towns of 2,500 to 25,000<br>in 1910..... | 99,707      | 84,176    | 15,531                 | 18.5      |
| Remainder of the state.....                         | 637,154     | 594,911   | 42,243                 | 7.1       |

It also appears from this table that of the total increase in the population of the state during the decade, namely, 107,302, nearly one-half was in the city of Baltimore.



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| CLASS OF PLACES.                                    | POPULATION. |           | INCREASE:<br>1900-1910 |           |
|---|-------------|-----------|------------------------|-----------|
|   | 1910        | 1900      | Number.                | Per cent. |
| The state.....                                      | 1,295,346   | 1,188,044 | 107,302                | 9.0       |
| Urban territory in 1910.....                        | 658,192     | 593,133   | 65,059                 | 11.0      |
| City of Baltimore.....                              | 558,485     | 508,967   | 49,528                 | 9.7       |
| Cities and towns of 2,500 to 25,000<br>in 1910..... | 99,707      | 84,176    | 15,531                 | 18.5      |
| Remainder of the state.....                         | 637,154     | 594,911   | 42,243                 | 7.1       |

It also appears from this table that of the total increase in the population of the state during the decade, namely, 107,302, nearly one-half was in the city of Baltimore.

with the total population of the same places in 1900, as given in the next table, shows an increase of 11 per cent. This represents the rate of growth of urban communities as thus defined. During the same period the rural population, comprising the remainder of the state, increased 7.1 per cent. The population of urban areas thus increased a little faster than that of rural territory. For the United States as a whole urban population increased 34.9 per cent in the last decade and rural population 11.2 per cent. As shown by Table I of Chapter 2, there were 11 counties in Maryland in which the population living in rural territory decreased and 1 county in which there was a decrease in urban population.

For the state as a whole the urban population is still further distributed in the following table, which shows, for 1910 and 1900, the population of the city of Baltimore, the combined population of the other cities and towns having 2,500 inhabitants or more in 1910, and the population of the remainder of the state.

From this table it appears that Baltimore city, the

only place in the state having over 25,000 inhabitants, increased in population during the last decade a little more rapidly than the state as a whole. The rate of increase for places having from 2,500 to 25,000 inhabitants was a little more than twice that for the state as a whole, while the rate of increase in rural territory was a little less than that for the state.

| CLASS OF PLACES.                                    | POPULATION. |           | INCREASE:<br>1900-1910 |           |
|---|-------------|-----------|------------------------|-----------|
|   | 1910        | 1900      | Number.                | Per cent. |
| The state.....                                      | 1,295,346   | 1,188,044 | 107,302                | 9.0       |
| Urban territory in 1910.....                        | 658,192     | 593,133   | 65,059                 | 11.0      |
| City of Baltimore.....                              | 558,485     | 508,957   | 49,528                 | 9.7       |
| Cities and towns of 2,500 to 25,000<br>in 1910..... | 99,707      | 84,176    | 15,531                 | 18.5      |
| Remainder of the state.....                         | 637,154     | 594,911   | 42,243                 | 7.1       |

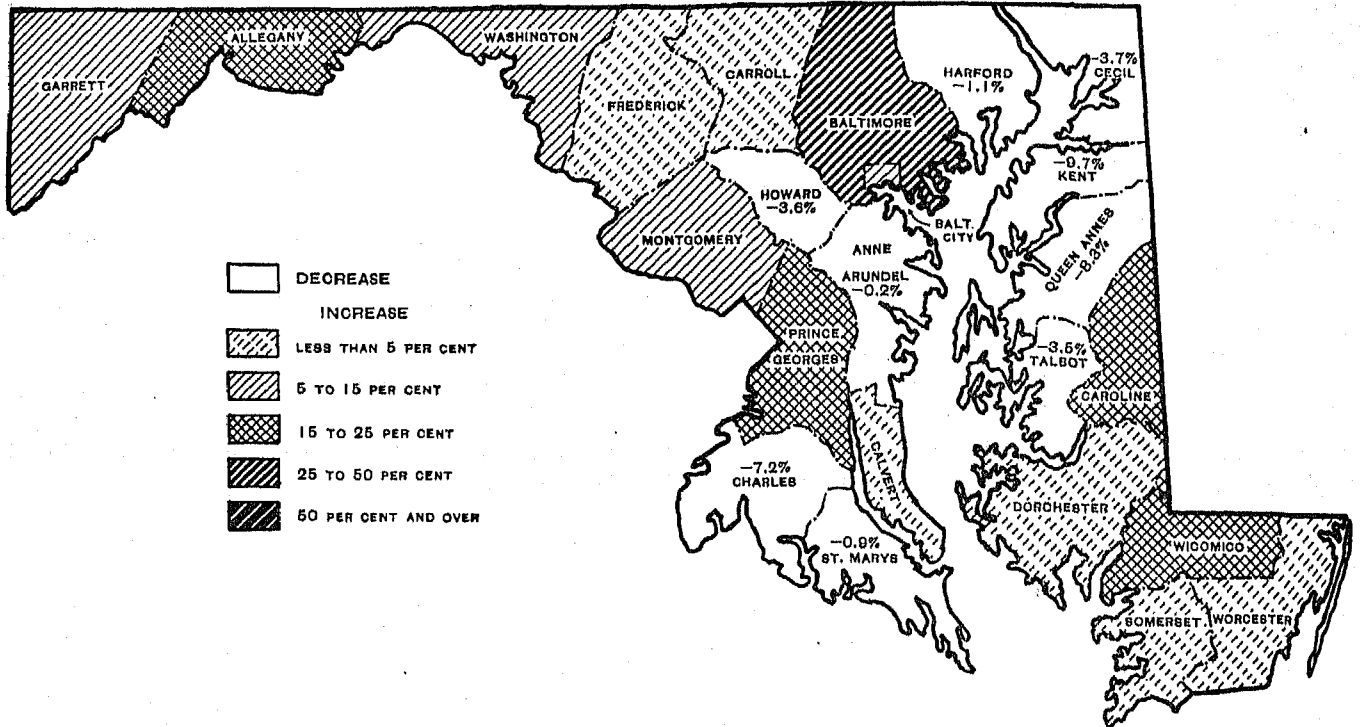
It also appears from this table that of the total increase in the population of the state during the decade, namely, 107,302, nearly one-half was in the city of Baltimore.



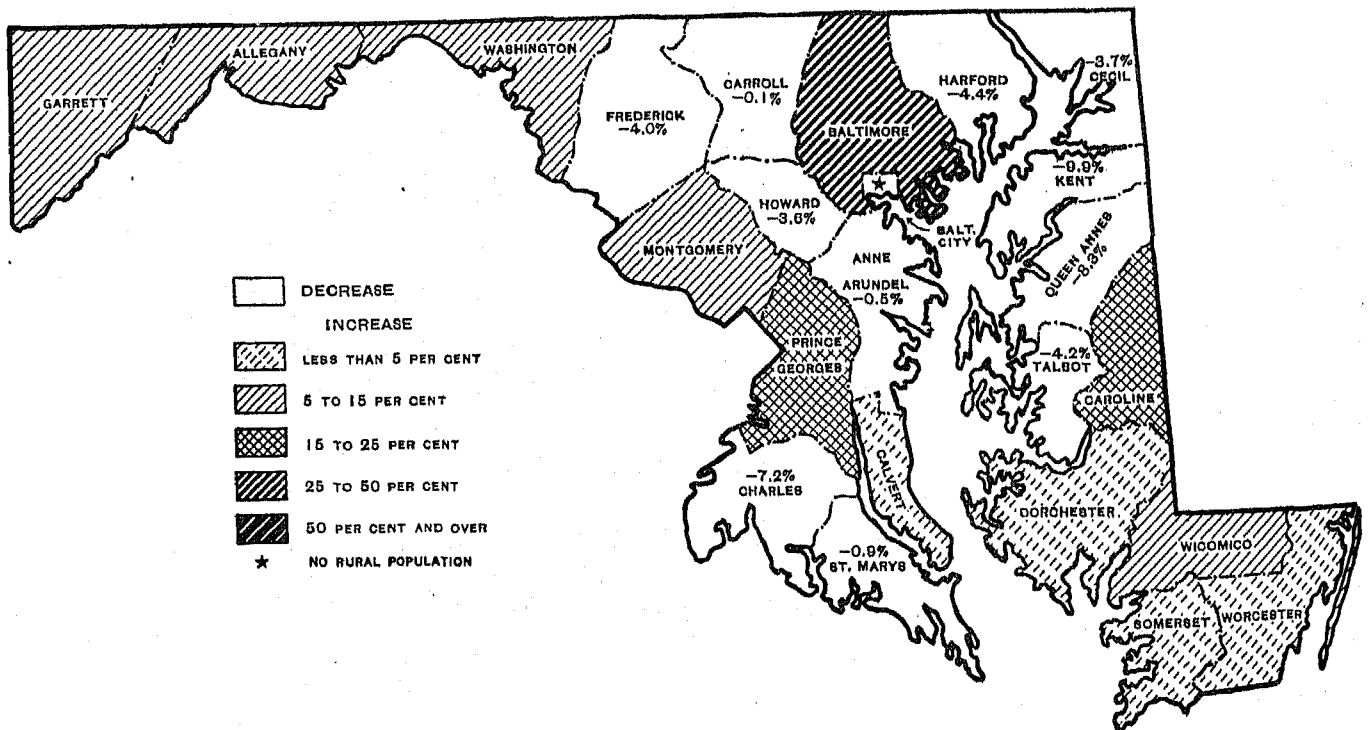
PER CENT OF INCREASE OR DECREASE OF POPULATION OF MARYLAND, BY COUNTIES: 1900-1910.

In case of decrease the per cent is inserted under the county name.

TOTAL POPULATION.



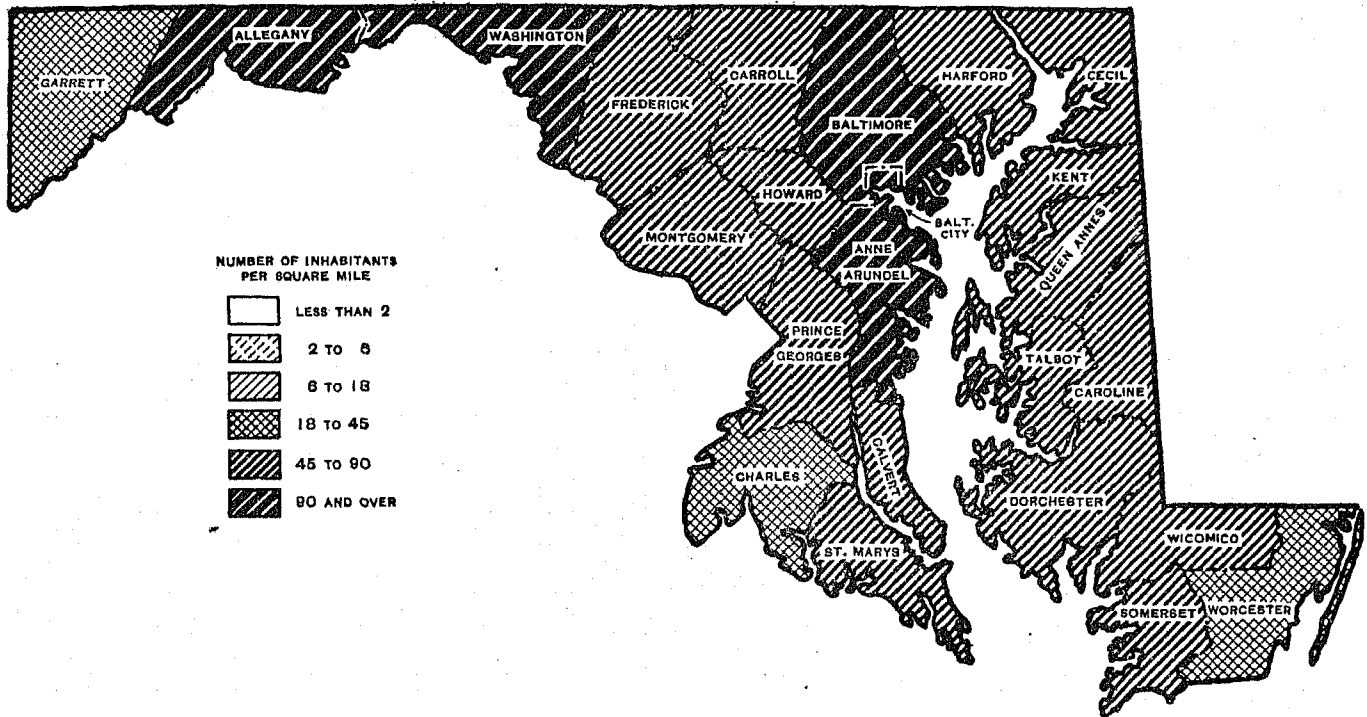
RURAL POPULATION.



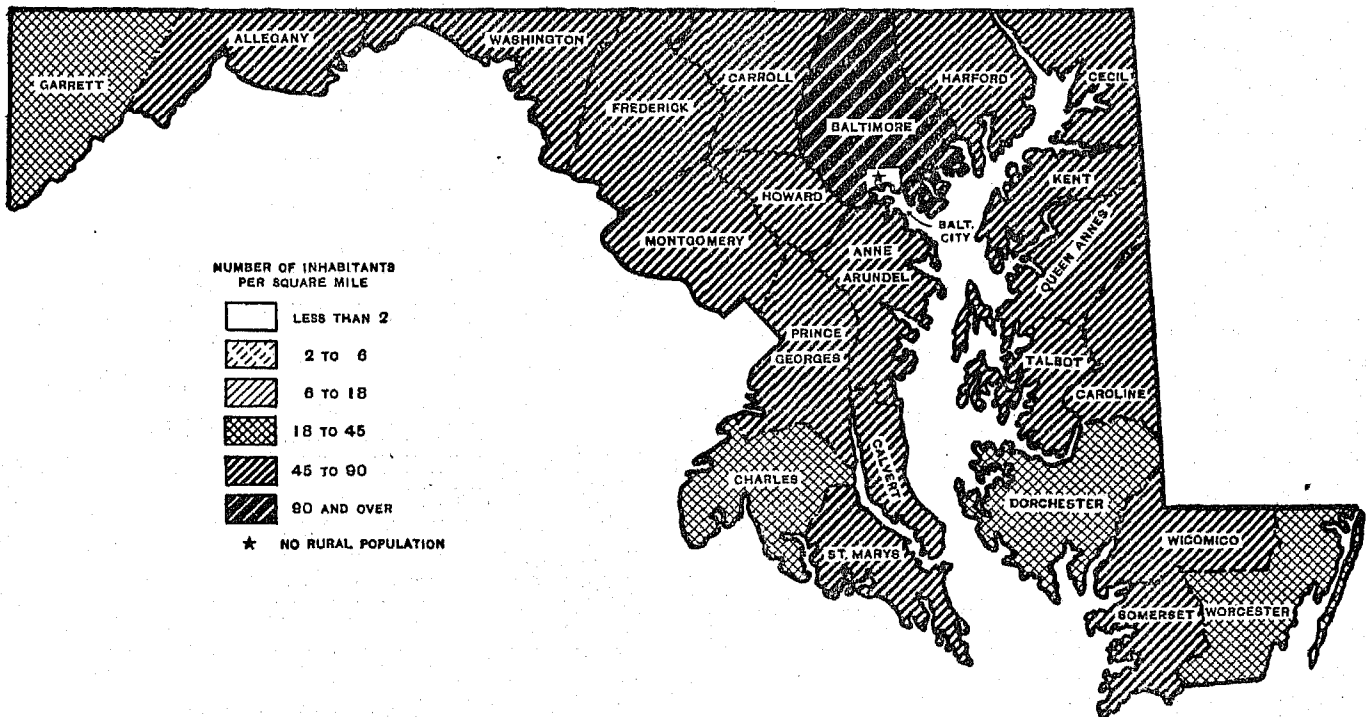
Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

DENSITY OF POPULATION OF MARYLAND, BY COUNTIES: 1910.

TOTAL POPULATION.



RURAL POPULATION.



Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.



TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890.

[District means election district. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

| MINOR CIVIL DIVISION.   | 1910           | 1900          | 1890          | MINOR CIVIL DIVISION.   | 1910           | 1900           | 1890           |
|---|----------------|---------------|---------------|---|----------------|----------------|----------------|
| <b>Alegany County</b> .....   | <b>62,411</b>  | <b>53,694</b> | <b>41,571</b> | <b>Baltimore County—Continued.</b>  |                |                |                |
| District 1, Orleans.....  | 855            | 954           | 910           | District 5.....   | 2,280          | 2,412          | 2,381          |
| District 2, Oldtown.....  | 1,020          | 828           | 871           | District 6.....   | 1,792          | 2,121          | 2,285          |
| District 3, Flintstone.....   | 950            | 1,108         | 1,524         | District 7.....   | 3,165          | 3,313          | 3,312          |
| District 4, Cumberland Canal, including ward 6 and part of ward 5 of Cumberland city.....         | 9,340          | 6,566         | 2,343         | District 8.....   | 5,035          | 6,156          | 5,957          |
| Cumberland city (part of).....  | 7,140          | 5,023         | 2,343         | District 9.....   | 16,363         | 10,776         | 7,977          |
| Total for Cumberland city comprising district 14, and parts of districts 4, 5, 6, 22, and 23..... | 21,839         | 17,123        | 12,729        | District 10.....  | 2,416          | 2,740          | 2,838          |
| Ward 1.....   | 5,508          |               |               | District 11.....  | 4,815          | 5,017          | 4,977          |
| Ward 2.....   | 2,967          |               |               | District 12.....  | 25,083         | 14,925         | 17,278         |
| Ward 3.....   | 5,193          |               |               | District 13.....  | 8,576          | 5,456          | 4,173          |
| Ward 4.....   | 2,804          |               |               | District 14.....  | 8,310          | 4,494          |                |
| Ward 5.....   | 2,800          |               |               | District 15.....  | 10,831         | 7,121          |                |
| Ward 6.....   | 6,508          |               |               | <b>Baltimore City</b> .....   | <b>558,485</b> | <b>508,957</b> | <b>434,439</b> |
| District 5, Wills Creek, including ward 3 and part of ward 2 of Cumberland city.....              | 5,399          | 4,661         | 3,625         | Ward 1.....   | 22,841         |                |                |
| Cumberland city (part of).....  | 4,859          | 4,204         | 3,450         | Ward 2.....   | 22,887         |                |                |
| District 6, Cumberland River, including ward 1 of Cumberland city.....                            | 4,032          | 3,037         | 2,204         | Ward 3.....   | 22,317         |                |                |
| Cumberland city (part of).....  | 3,503          | 2,545         | 2,204         | Ward 4.....   | 16,834         |                |                |
| District 7, Rawlings.....   | 842            | 897           | 762           | Ward 5.....   | 20,319         |                |                |
| District 8, Westernport, including Westernport town.....  | 4,701          | 3,253         | 2,401         | Ward 6.....   | 25,073         |                |                |
| Westernport town.....   | 2,702          | 1,993         | 1,569         | Ward 7.....   | 26,670         |                |                |
| District 9, Barton.....   | 1,550          | 1,640         | 2,242         | Ward 8.....   | 32,101         |                |                |
| District 10, Lonaconing, including part of Lonaconing town.....                                   | 2,233          | 2,757         | 2,793         | Ward 9.....   | 22,053         |                |                |
| Lonaconing town (part of).....  | 490            | 1,243         |               | Ward 10.....  | 21,431         |                |                |
| Total for Lonaconing town in districts 10 and 15.....   | 1,553          | 2,181         |               | Ward 11.....  | 20,570         |                |                |
| District 11, Frostburg, including part of Frostburg town.....                                     | 1,508          | 1,312         | 3,555         | Ward 12.....  | 27,610         |                |                |
| Frostburg town (part of).....   | 769            | 674           | 2,522         | Ward 13.....  | 25,559         |                |                |
| Total for Frostburg town in districts 11, 12, 20, 23, and 24.....                                 | 6,028          | 5,274         | 3,804         | Ward 14.....  | 22,130         |                |                |
| District 12, Frostburg, including part of Frostburg town.....                                     | 1,408          | 2,090         | 1,572         | Ward 15.....  | 30,079         |                |                |
| Frostburg town (part of).....   | 396            | 1,220         | 1,222         | Ward 16.....  | 25,564         |                |                |
| District 13, Mount Savage.....  | 3,037          | 2,645         | 1,978         | Ward 17.....  | 20,713         |                |                |
| District 14, Cumberland Central, comprising parts of wards 2 and 4 of Cumberland city.....        | 2,081          | 2,083         | 2,146         | Ward 18.....  | 20,047         |                |                |
| District 15, Lonaconing, including part of Lonaconing town.....                                   | 2,439          | 3,277         | 3,056         | Ward 19.....  | 22,882         |                |                |
| Lonaconing town (part of).....  | 1,063          | 953           |               | Ward 20.....  | 27,751         |                |                |
| District 16, North Branch.....  | 741            | 515           | 553           | Ward 21.....  | 20,290         |                |                |
| District 17, Vale Summit.....   | 739            | 819           | 822           | Ward 22.....  | 17,609         |                |                |
| District 18, Midland, including Midland town.....   | 2,953          | 2,699         | 1,379         | Ward 23.....  | 18,168         |                |                |
| Midland town.....   | 1,173          |               |               | Ward 24.....  | 23,143         |                |                |
| District 19, Shaft.....   | 1,396          | 1,140         | 1,022         | <b>Calvert County</b> .....   | <b>10,325</b>  | <b>10,223</b>  | <b>9,860</b>   |
| District 20, Eilerslie.....   | 1,132          | 1,122         | 796           | District 1, Solomons Island, including Solomons town.....                     | 4,240          | 4,265          | 3,973          |
| District 21, Gross.....   | 478            | 438           | 152           | Solomons town.....  | 518            |                |                |
| District 22, Union Street, including part of ward 5 of Cumberland city.....                       | 2,730          | 2,049         | 1,567         | District 2.....   | 2,828          | 2,953          | 2,903          |
| Cumberland city (part of).....  | 2,163          | 1,095         | 1,234         | District 3.....   | 3,257          | 3,000          | 2,979          |
| District 23, Decatur Street, including part of ward 4 of Cumberland city.....                     | 2,801          | 1,818         | 1,800         | <b>Caroline County</b> .....  | <b>19,216</b>  | <b>16,243</b>  | <b>13,908</b>  |
| Cumberland city (part of).....  | 2,089          | 1,553         | 1,372         | District 1, Henderson, including Goldsboro town.....                          | 2,105          | 1,637          | 1,639          |
| District 24, Eckhart.....   | 2,052          | 1,653         | 1,478         | Goldsboro town <sup>11</sup> .....  | 201            |                |                |
| District 25, Felkin.....  | 687            | 791           |               | District 2, Greensborough, including Bridge-town and Greensborough towns..... | 2,711          | 2,374          | 3,151          |
| District 26, Frostburg, including part of Frostburg town.....                                     | 1,924          | 3,526         |               | Bridgetown town.....  | 10             | 50             |                |
| Frostburg town (part of).....   | 1,857          | 2,030         |               | Greensborough town.....   | 609            | 641            | 808            |
| District 27, Gilmore.....   | 696            |               |               | District 3, Denton, including Denton town.....                                | 3,481          | 2,519          | 2,301          |
| District 28, Frostburg, including part of Frostburg town.....                                     | 1,966          |               |               | Denton town.....  | 1,481          | 800            | 641            |
| Frostburg town (part of).....   | 1,659          |               |               | District 4, Preston, including Preston town.....                              | 2,562          | 2,128          | 2,085          |
| District 29, including part of Frostburg town.....  | 1,271          |               |               | Preston town.....   | 288            | 198            |                |
| Frostburg town (part of).....   | 1,069          |               |               | District 5, Federalsburg, including Federalsburg town.....                    | 2,359          | 1,739          | 2,191          |
| <b>Anne Arundel County</b> .....  | <b>39,533</b>  | <b>39,330</b> | <b>34,094</b> | Federalsburg town.....  | 1,050          | 639            | 645            |
| District 1.....   | 3,333          | 4,138         | 4,567         | District 6, Hillsboro, including Hillsboro town.....                          | 1,909          | 1,796          | 2,036          |
| District 2, including Arundel-on-the-Bay town.....  | 5,437          | 4,309         | 3,638         | Hillsboro town.....   | 209            | 174            |                |
| Arundel-on-the-Bay town.....  | 9              |               |               | District 7, Ridgely, including Ridgely town.....                              | 2,361          | 1,923          |                |
| District 3.....   | 5,095          | 5,126         | 4,594         | Ridgely town.....   | 713            | 713            |                |
| District 4.....   | 4,466          | 4,729         | 4,624         | District 8, American Corner.....  | 1,728          | 1,829          |                |
| District 5.....   | 7,767          | 9,017         | 5,165         | <b>Carroll County</b> .....   | <b>38,994</b>  | <b>33,660</b>  | <b>32,376</b>  |
| District 6, coextensive with Annapolis city.....  | 8,609          | 8,525         | 7,604         | District 1, Taneytown, including Taneytown town.....                          | 2,653          | 2,078          | 2,373          |
| Annapolis city.....   |                |               |               | Taneytown town.....   | 524            | 655            | 689            |
| Ward 1.....   | 2,173          |               |               | District 2, Uniontown.....  | 2,149          | 2,409          | 2,334          |
| Ward 2.....   | 2,451          |               |               | District 3, Myers.....  | 1,911          | 2,112          | 2,164          |
| Ward 3.....   | 4,005          |               |               | District 4, Woolerys.....   | 2,034          | 2,364          | 2,750          |
| District 8.....   | 4,326          | 3,776         | 3,902         | District 5, Freedom, including Sykesville town.....                           | 3,493          | 4,407          | 3,514          |
| <b>Baltimore County</b> .....   | <b>122,349</b> | <b>90,755</b> | <b>72,909</b> | Sykesville town <sup>12</sup> .....   | 505            |                |                |
| District 1.....   | 10,620         | 9,408         | 7,217         | District 6, Manchester, including Manchester town.....                        | 3,221          | 3,440          | 3,464          |
| District 2.....   | 4,711          | 4,370         | 4,561         | Manchester town.....  | 523            | 609            | 573            |
| District 3.....   | 11,780         | 7,656         | 5,473         | District 7, Westminster, including Westminster city.....                      | 6,509          | 6,403          | 5,977          |
| District 4.....   | 5,102          | 4,974         | 4,479         | Westminster city.....   | 3,205          | 3,199          | 2,805          |
|   |                |               |               | District 8, Hampstead, including Hampstead town.....                          | 2,273          | 2,213          | 2,202          |
|   |                |               |               | Hampstead town.....   | 555            | 480            | 531            |
|   |                |               |               | District 9, Franklin.....   | 1,270          | 1,311          | 1,368          |

<sup>1</sup> Part taken to form part of district 27 in 1904.  
<sup>2</sup> Name changed from East Frostburg since 1900; part taken to form district 32 in 1910.  
<sup>3</sup> Name changed from Cumberland Point since 1900.  
<sup>4</sup> Name changed from East Lonaconing since 1900; part taken to form part of district 27 in 1904.  
<sup>5</sup> Name changed from Ocean since 1900; part taken to form part of district 27 in 1904.

<sup>6</sup> Incorporated in 1902.  
<sup>7</sup> Name changed from Borden Shaft since 1900.  
<sup>8</sup> District 23 organized from part of district 26 in 1904.  
<sup>9</sup> Organized from parts of districts 10, 15, and 18 in 1904.  
<sup>10</sup> Organized from part of district 12 in 1910.  
<sup>11</sup> Incorporated in 1906.  
<sup>12</sup> Part taken to form district 14 in 1910.  
<sup>13</sup> Incorporated in 1904.

# STATISTICS OF POPULATION.

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TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[District means election district. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

| MINOR CIVIL DIVISION.  | 1910                | 1900                | 1890                | MINOR CIVIL DIVISION.  | 1910         | 1900         | 1890         |
|--|---------------------|---------------------|---------------------|--|--------------|--------------|--------------|
| <b>Carroll County—Continued.</b>   |                     |                     |                     | <b>Frederick County—Continued.</b>   |              |              |              |
| District 10, Middleburg.....   | 1,107               | 1,188               | 1,231               | District 3, Middletown, including Middletown town.....   | 2,082        | 1,992        | 2,619        |
| District 11, New Windsor, including New Windsor town.....  | 1,981<br><i>448</i> | 2,027<br><i>480</i> | 2,047<br><i>414</i> | <i>Middletown town</i> .....   | <i>888</i>   | <i>885</i>   | <i>887</i>   |
| District 12, Union Bridge, including Union Bridge town.....                                      | 1,446               | 1,400               | 1,485               | District 4, Creagerstown.....  | 1,027        | 1,107        | 1,105        |
| <i>Union Bridge town</i> .....   | <i>804</i>          | <i>693</i>          | <i>748</i>          | District 5, Emmitsburg, including Emmitsburg town.....   | 3,226        | 3,600        | 3,626        |
| District 13, Mount Airy, including part of Mount Airy town.....                                  | 1,441               | 1,403               | 1,211               | <i>Emmitsburg town</i> .....   | <i>1,054</i> | <i>849</i>   | <i>844</i>   |
| <i>Mount Airy town (part of)</i> .....   | <i>428</i>          | <i>338</i>          | .....               | District 6, Catoctin.....  | 1,341        | 1,364        | 1,392        |
| Total for Mount Airy town in district 13, Carroll County, and district 13, Frederick County..... | <i>622</i>          | <i>649</i>          | .....               | District 7, Urbana.....  | 2,279        | 2,354        | 2,408        |
| District 14, Berrett <sup>1</sup> .....  | 1,808               | .....               | .....               | District 8, Liberty.....   | 1,266        | 1,364        | 1,535        |
| <b>Cecil County.....</b>   |                     |                     |                     | District 9, New Market, including New Market town.....   | 2,640        | 2,925        | 2,854        |
| District 1, Cecilton, including Cecilton town.....   | 2,564               | 2,602               | 2,985               | <i>New Market town</i> .....   | <i>320</i>   | <i>360</i>   | <i>423</i>   |
| <i>Cecilton town</i> .....   | <i>518</i>          | <i>447</i>          | <i>486</i>          | District 10, Havers.....   | 1,327        | 1,428        | 1,415        |
| District 2, Chesapeake City, including Chesapeake City town.....                                 | 2,182               | 2,251               | 2,426               | District 11, Woodsboro, <sup>2</sup> including Woodsboro town.....   | 1,866        | 2,475        | 2,492        |
| <i>Chesapeake City town</i> .....  | <i>1,018</i>        | <i>1,178</i>        | <i>1,155</i>        | <i>Woodsboro town</i> .....  | <i>368</i>   | .....        | .....        |
| District 3, Elkton, including Elkton town.....   | 4,849               | 4,917               | 4,817               | District 12, Petersville <sup>10</sup> .....   | 1,393        | 3,712        | 2,943        |
| <i>Elkton town</i> .....   | <i>2,487</i>        | <i>2,648</i>        | <i>2,818</i>        | District 13, Mount Pleasant <sup>9</sup> .....   | 898          | 1,702        | 1,756        |
| District 4, Fair Hill.....   | 1,914               | 1,931               | 2,011               | District 14, Jefferson.....  | 1,427        | 1,465        | 1,536        |
| District 5, North East, including Charlestown and North East towns.....                          | 3,234               | 3,511               | 3,998               | District 15, Mechanicstown, including Thurm-<br>mont town.....   | 2,562        | 2,586        | 2,724        |
| <i>Charlestown town</i> .....  | <i>274</i>          | <i>244</i>          | <i>228</i>          | <i>Thurmont town</i> .....   | <i>903</i>   | <i>868</i>   | <i>930</i>   |
| <i>North East town</i> .....   | <i>974</i>          | <i>960</i>          | <i>1,249</i>        | District 16, Jackson.....  | 1,348        | 1,362        | 1,390        |
| District 6, Rising Sun, including Rising Sun village.....  | 2,565               | 2,617               | 2,661               | District 17, Johnsville.....   | 1,426        | 1,610        | 1,729        |
| <i>Rising Sun village</i> .....  | <i>416</i>          | <i>388</i>          | <i>384</i>          | District 18, Woodville, including part of Mount<br>Airy town.....  | 1,414        | 1,424        | 1,252        |
| District 7, Port Deposit, including Ferryville and Port Deposit towns.....                       | 4,175               | 4,298               | 4,313               | <i>Mount Airy town (part of)</i> .....   | <i>194</i>   | <i>217</i>   | .....        |
| <i>Ferryville town</i> .....   | <i>685</i>          | <i>770</i>          | <i>844</i>          | [For total, see district 13, Carroll County.]  | .....        | .....        | .....        |
| <i>Port Deposit town</i> .....   | <i>1,394</i>        | <i>1,675</i>        | <i>1,908</i>        | District 19, Linganore.....  | 981          | 1,162        | 1,221        |
| District 8, Oakwood (Mount Pleasant).....  | 1,090               | 1,214               | 1,240               | District 20, Lewistown.....  | 1,153        | 1,192        | 1,256        |
| District 9, Calvert (Brick Meeting House).....   | 1,186               | 1,261               | 1,391               | District 21, Tuscarora.....  | 1,086        | 1,133        | 1,110        |
| <b>Charles County.....</b>   |                     |                     |                     | District 22, Burkittsville, including Burkitts-<br>ville town.....   | 1,193        | 1,311        | .....        |
| District 1, La Plata, <sup>3</sup> including La Plata town.....                                  | 2,050               | 2,226               | 2,028               | <i>Burkittsville town</i> .....  | <i>228</i>   | <i>228</i>   | <i>228</i>   |
| <i>La Plata town</i> .....   | <i>299</i>          | <i>(?)</i>          | <i>118</i>          | District 23, Ballenger.....  | 680          | 720          | .....        |
| District 2, Hill Top.....  | 1,855               | 1,705               | 1,480               | District 24, Braddock.....   | 712          | 609          | .....        |
| District 3, Cross Roads <sup>4</sup> .....   | 1,931               | 1,961               | 1,780               | District 25, Brunswick, <sup>10</sup> coextensive with Bruns-<br>wick town.....  | 3,721        | .....        | .....        |
| District 4, Allens Fresh.....  | 2,008               | 2,445               | 2,110               | <i>Brunswick town</i> .....  | <i>3,721</i> | <i>3,471</i> | .....        |
| District 5, Harris Lot.....  | 1,969               | 2,187               | 1,837               | <i>Ward 1</i> .....  | <i>789</i>   | .....        | .....        |
| District 6, White Plains <sup>5</sup> .....  | 1,764               | 1,767               | 1,864               | <i>Ward 2</i> .....  | <i>1,407</i> | .....        | .....        |
| District 7, Pomomkey.....  | 1,539               | 1,479               | 1,167               | <i>Ward 3</i> .....  | <i>1,545</i> | .....        | .....        |
| District 8, Bryantown.....   | 2,216               | 2,636               | 2,275               | District 26, Walkersville, <sup>9</sup> including Walkers-<br>ville town.....  | 1,315        | 559          | .....        |
| District 9, Patuxent.....  | 1,004               | 1,216               | 1,150               | <i>Walkersville town</i> .....   | <i>582</i>   | .....        | .....        |
| <b>Dorchester County.....</b>  |                     |                     |                     | <b>Garratt County.....</b>   |              |              |              |
| District 1, Fork.....  | 1,797               | 1,850               | 1,787               | District 1, Swanton.....   | 1,365        | 1,263        | 1,002        |
| District 2, East New Market, including East New Market and Secretary towns.....                  | 2,068               | 2,398               | 2,579               | District 2, Friendsville and Selbysport, in-<br>cluding Friendsville town.....   | 2,016        | 2,203        | 1,529        |
| <i>East New Market town</i> .....  | <i>380</i>          | <i>382</i>          | .....               | <i>Friendsville town</i> .....   | <i>468</i>   | .....        | .....        |
| <i>Secretary town</i> .....  | <i>409</i>          | <i>410</i>          | .....               | District 3, Grantsville, including Grantsville<br>town.....  | 2,245        | 1,929        | 2,034        |
| District 3, Vienna, <sup>6</sup> including Vienna town.....                                      | 1,356               | 1,522               | 1,617               | <i>Grantsville town</i> .....  | <i>248</i>   | <i>175</i>   | .....        |
| <i>Vienna town</i> .....   | <i>532</i>          | .....               | .....               | District 4, Bloomington, including Bloomington<br>town.....  | 1,164        | 1,055        | 1,062        |
| District 4, Taylors Island <sup>6</sup> .....  | 1,005               | 946                 | 1,914               | <i>Bloomington town</i> .....  | <i>378</i>   | <i>395</i>   | <i>395</i>   |
| District 5, Lakes.....   | 1,702               | 1,740               | 1,493               | District 5, Accident.....  | 1,259        | 1,257        | 1,432        |
| District 6, Hoopers Island.....  | 1,455               | 1,298               | 1,125               | District 6, Sang Run.....  | 1,026        | 1,099        | 871          |
| District 7, Cambridge, including Cambridge<br>town.....  | 7,953               | 7,346               | 5,823               | District 7, East Oakland, including Loch Lynn<br>Heights and Mountain Lake Park towns and<br>part of Oakland town..... | 1,913        | 1,555        | 2,525        |
| <i>Cambridge town</i> .....  | <i>6,407</i>        | <i>5,747</i>        | <i>4,188</i>        | <i>Loch Lynn Heights town</i> .....  | <i>216</i>   | <i>216</i>   | .....        |
| <i>Ward 1</i> .....  | <i>1,884</i>        | .....               | .....               | <i>Mountain Lake Park town</i> .....   | <i>335</i>   | <i>380</i>   | .....        |
| <i>Ward 2</i> .....  | <i>1,914</i>        | .....               | .....               | <i>Oakland town (part of)</i> .....  | <i>587</i>   | <i>441</i>   | <i>1,048</i> |
| <i>Ward 3</i> .....  | <i>477</i>          | .....               | .....               | <i>Total for Oakland town in districts 7 and 14</i> .....  | <i>1,368</i> | <i>1,170</i> | <i>1,048</i> |
| <i>Ward 4</i> .....  | <i>1,378</i>        | .....               | .....               | District 8, Ryans Glade.....   | 1,554        | 1,766        | 1,457        |
| <i>Ward 5</i> .....  | <i>758</i>          | .....               | .....               | District 9, Johnsons.....  | 792          | 828          | 576          |
| District 8, Neek.....  | 1,305               | 1,350               | 1,267               | District 10, Deer Park, including Deer Park<br>town.....   | 1,258        | 1,155        | 1,199        |
| District 9, Church Creek.....  | 1,070               | 1,159               | 1,131               | <i>Deer Park town</i> .....  | <i>938</i>   | <i>893</i>   | <i>179</i>   |
| District 10, Straits.....  | 1,999               | 2,120               | 1,724               | District 11, The Elbow.....  | 652          | 617          | 526          |
| District 11, Drawbridge <sup>6</sup> .....   | 552                 | 1,082               | 1,095               | District 12, Bittinger.....  | 874          | 768          | .....        |
| District 12, Williamsburg.....   | 830                 | 699                 | 1,110               | District 13, Kitzmillersville, including Kitz-<br>millersville town.....   | 1,551        | 295          | .....        |
| District 13, Bucktown.....   | 775                 | 1,024               | 1,000               | <i>Kitzmillersville town</i> <sup>11</sup> .....   | <i>895</i>   | .....        | .....        |
| District 14, Linkwood <sup>8</sup> .....   | 1,089               | 1,219               | 1,178               | District 14, West Oakland, including part of<br>Oakland town.....  | 2,438        | 1,911        | .....        |
| District 15, Hurlock, including Hurlock town.....  | 2,292               | 1,379               | .....               | <i>Oakland town (part of)</i> .....  | <i>799</i>   | <i>789</i>   | .....        |
| <i>Hurlock town</i> .....  | <i>518</i>          | <i>280</i>          | .....               | <b>Harford County.....</b>   |              |              |              |
| District 16, Madison.....  | 692                 | 830                 | .....               | District 1, Abingdon.....  | 2,514        | 2,702        | 2,786        |
| District 17, Salem <sup>9</sup> .....  | 729                 | .....               | .....               | District 2, Halls Cross Roads, including Aber-<br>deen town.....   | 5,213        | 5,631        | 5,720        |
| <b>Frederick County.....</b>   |                     |                     |                     | <i>Aberdeen town</i> .....   | <i>616</i>   | <i>600</i>   | .....        |
| District 1, Buckeystown, including Point of<br>Rocks town.....                                   | 2,779               | 2,589               | 2,651               | District 3, Bel Air, including Bel Air town.....   | 6,463        | 6,349        | 6,890        |
| <i>Point of Rocks town</i> .....   | <i>478</i>          | <i>(?)</i>          | <i>364</i>          | <i>Bel Air town</i> .....  | <i>1,005</i> | <i>981</i>   | <i>1,416</i> |
| District 2, Frederick, including Frederick city.....   | 11,531              | 10,754              | 10,498              | District 4, Marshall.....  | 4,383        | 4,566        | 4,712        |
| <i>Frederick city</i> .....  | <i>10,411</i>       | <i>9,296</i>        | <i>8,193</i>        | District 5, Dublin.....  | 5,180        | 5,598        | 5,633        |
|  |                     |                     |                     | District 6, Havre de Grace, coextensive with<br>Havre de Grace city.....   | 4,212        | 3,423        | 3,244        |

<sup>1</sup> Organized from part of district 5 in 1910.

<sup>2</sup> Name changed from Fort Tobacco since 1900.

<sup>3</sup> Not returned separately in 1900.

<sup>4</sup> Name changed from Nanjemoy since 1900.

<sup>5</sup> Name changed from Middletown since 1900.

<sup>6</sup> District 17 organized from parts of districts 3, 11, and 14 in 1906.

<sup>7</sup> Incorporated in 1904.

<sup>8</sup> Name changed from Parsons Creek in 1900.

<sup>9</sup> District 26 organized from parts of districts 11 and 13 in 1904.

<sup>10</sup> District 25 organized from part of district 12 in 1904.

<sup>11</sup> Incorporated in 1906.

TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[District means election district. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

| MINOR CIVIL DIVISION.   | 1910          | 1900          | 1890          | MINOR CIVIL DIVISION.   | 1910          | 1900             | 1890             |
|---|---------------|---------------|---------------|---|---------------|------------------|------------------|
| <b>Howard County</b> .....  | <b>16,106</b> | <b>16,715</b> | <b>16,269</b> | <b>Prince Georges County—Continued.</b>   |               |                  |                  |
| District 1, Elk Ridge.....  | 2,365         | 2,498         | 2,162         | District 12, Oxon Hill.....   | 1,489         | 1,425            | 1,265            |
| District 2, Ellicott City, including Ellicott City.<br><i>Ellicott City</i> .....                                 | 3,403         | 3,745         | 3,922         | District 13, Kent <sup>7</sup> .....  | 1,446         | 1,828            | 1,553            |
| District 3, West Friendship.....  | 1,161         | 1,351         | 1,438         | District 14, Bowie.....   | 1,003         | 1,844            | 1,681            |
| District 4, Lisbon.....   | 2,100         | 2,233         | 2,052         | District 15, Mellwood.....  | 1,581         | 2,073            | .....            |
| District 5, Clarksville.....  | 2,931         | 3,082         | 3,002         | District 16, Hyattsville, <sup>8</sup> including Hyattsville town.....                            | 2,772         | .....            | .....            |
| District 6, Gullford.....   | 2,351         | 2,300         | 2,201         | <i>Hyattsville town</i> .....   | 1,017         | 1,252            | 1,569            |
|   | 2,956         | 2,857         | 2,930         | <i>Ward 1</i> .....   | 622           | .....            | .....            |
|   |               |               |               | <i>Ward 2</i> .....   | 650           | .....            | .....            |
| <b>Kent County</b> .....  | <b>16,957</b> | <b>18,766</b> | <b>17,471</b> | <i>Ward 3</i> .....   | 650           | .....            | .....            |
| District 1, Masseys, including Galena and Millington towns.....   | 3,342         | 3,635         | 3,600         | District 17, Chillum, <sup>9</sup> including Mount Rainier city and part of Takoma Park town..... | 3,168         | .....            | .....            |
| <i>Galena town</i> .....  | 203           | 251           | 266           | <i>Mount Rainier city</i> <sup>10</sup> .....   | 1,242         | .....            | .....            |
| <i>Millington town</i> .....  | 390           | 408           | 485           | <i>Ward 1</i> .....   | 418           | .....            | .....            |
| District 2, Kennedyville.....   | 2,391         | 3,066         | 3,008         | <i>Ward 2</i> .....   | 204           | .....            | .....            |
| District 3, Worton or Betterton, including Betterton town.....  | 2,041         | 2,253         | 2,551         | <i>Ward 3</i> .....   | 340           | .....            | .....            |
| <i>Betterton town</i> <sup>1</sup> .....  | 308           | .....         | .....         | <i>Ward 4</i> .....   | 279           | .....            | .....            |
| District 4, Chestertown, including Chestertown town.....  | 2,941         | 3,242         | 4,227         | <i>Takoma Park town (part of)</i> .....   | 83            | (11)             | (11)             |
| <i>Chestertown town</i> .....   | 2,735         | 3,098         | 4,022         | [For total, see district 13, Montgomery County.]  |               |                  |                  |
| District 5, Edesville, including Rock Hall town.<br><i>Rock Hall town</i> <sup>2</sup> .....                      | 3,207         | 3,444         | 4,025         | District 18, Seat Pleasant <sup>7</sup> .....   | 2,660         | .....            | .....            |
| District 6, Fairies.....  | 1,700         | 1,685         | .....         |   |               |                  |                  |
| District 7, Pomona.....   | 1,335         | 1,461         | .....         | <b>Queen Annes County</b> .....   | <b>16,839</b> | <b>18,964</b>    | <b>18,461</b>    |
|   |               |               |               | District 1, Dixon, including Sudlersville village.<br><i>Sudlersville village</i> .....           | 2,526         | 2,759            | 2,902            |
| <b>Montgomery County</b> .....  | <b>32,089</b> | <b>30,451</b> | <b>27,185</b> | District 2, Church Hill, including Church Hill town.....  | 2,089         | 2,295            | 2,452            |
| District 1, Laytonsville, including Laytonsville town.....  | 1,866         | 1,981         | 1,950         | <i>Church Hill town</i> .....   | 308           | 368              | 396              |
| <i>Laytonsville town</i> .....  | 133           | 148           | .....         | District 3, Centreville, including Centreville town.....  | 3,886         | 3,956            | 4,125            |
| District 2, Clarksburg, including Hyattstown town.....  | 1,995         | 2,013         | 1,812         | <i>Centreville town</i> .....   | 1,435         | 1,831            | 1,809            |
| <i>Hyattstown town</i> .....  | 38            | 81            | .....         | District 4, Kent Island.....  | 2,202         | 2,525            | 2,230            |
| District 3, Poolesville, including Poolesville town.....  | 2,170         | 2,343         | 2,416         | District 5, Queenstown, including Queenstown town.....  | 2,705         | 3,308            | 2,767            |
| <i>Poolesville town</i> .....   | 175           | 230           | .....         | <i>Queenstown town</i> .....  | 279           | 374              | .....            |
| District 4, Rockville, including Rockville town and part of Garrett Park town.....                                | 3,459         | 3,488         | 3,045         | District 6, Ruthsburg.....  | 1,097         | 1,784            | 2,001            |
| <i>Garrett Park town (part of)</i> .....  | 111           | 175           | .....         | District 7, Crumpton, including Crumpton town.....  | 1,014         | 1,737            | 1,963            |
| <i>Total for Garrett Park town<sup>3</sup> in districts 4 and 7.</i>  | 185           | 175           | .....         | <i>Crumpton town</i> .....  | 228           | 307              | .....            |
| <i>Rockville town</i> .....   | 1,131         | 1,110         | 1,568         |   |               |                  |                  |
| District 5, Colesville.....   | 2,234         | 2,192         | 2,280         | <b>St. Marys County</b> .....   | <b>17,030</b> | <b>17,183</b>    | <b>15,819</b>    |
| District 6, Darnestown.....   | 1,589         | 1,675         | 1,084         | District 1, St. Ingoes.....   | 2,137         | 2,086            | 1,664            |
| District 7, Bethesda, including Glen Echo and Somerset towns and part of Garrett Park town.....                   | 3,217         | 2,027         | 1,143         | District 2, Valley Lea.....   | 1,471         | 1,561            | 1,522            |
| <i>Garrett Park town<sup>4</sup> (part of)</i> .....  | 74            | .....         | .....         | District 3, Leonardtown, including Leonardtown town.....  | 2,082         | 2,944            | 2,737            |
| <i>Glen Echo town<sup>5</sup></i> .....   | 203           | .....         | .....         | <i>Leonardtown town</i> .....   | 528           | 453              | 521              |
| <i>Somerset town<sup>2</sup></i> .....  | 173           | .....         | .....         | District 4, Chaptico.....   | 1,942         | 1,931            | 1,875            |
| District 8, Olney, including Brookeville town.....  | 2,826         | 3,321         | 3,216         | District 5, Mechanicsville.....   | 2,050         | 2,073            | 1,970            |
| <i>Brookeville town</i> .....   | 152           | 168           | .....         | District 6, Hillville (Patuxent).....   | 2,013         | 2,097            | 1,900            |
| District 9, Gaithersburg, including Gaithersburg town.....  | 2,623         | 2,383         | 2,200         | District 7, Milestown.....  | 2,416         | 2,377            | 1,920            |
| <i>Gaithersburg town</i> .....  | 625           | 547           | .....         | District 8, Centerville (Bay).....  | 1,035         | 1,717            | 1,803            |
| District 10, Potomac.....   | 1,829         | 1,630         | 1,422         | District 9, St. George Island.....  | 384           | 390              | 333              |
| District 11, Barnesville.....   | 1,865         | 1,685         | 1,876         |   |               |                  |                  |
| District 12, Damascus, including Damascus town.<br><i>Damascus town</i> .....                                     | 1,809         | 1,770         | 1,522         | <b>Somerset County</b> .....  | <b>26,455</b> | <b>12 25,928</b> | <b>12 24,155</b> |
| District 13, Wheaton, including Kensington town and part of Takoma Park town.....                                 | 5,107         | 3,943         | 2,559         | District 1, West Princess Anne, <sup>13</sup> including part of Princess Anne town.....           | 1,884         | .....            | .....            |
| <i>Kensington town</i> .....  | 639           | 477           | .....         | <i>Princess Anne town (part of)</i> .....   | 528           | 354              | 355              |
| <i>Takoma Park town (part of)</i> .....   | 1,159         | 766           | 164           | <i>Total for Princess Anne town in districts 1 and 15</i> .....                                   | 1,008         | 354              | 355              |
| <i>Total for Takoma Park town in district 13, Montgomery County, and district 17, Prince Georges County</i> ..... | 1,242         | 756           | 164           | District 2, St. Peters.....   | 1,305         | 1,484            | 1,363            |
|   |               |               |               | District 3, Brinkleys.....  | 2,914         | 2,575            | 3,241            |
| <b>Prince Georges County</b> .....  | <b>36,147</b> | <b>29,898</b> | <b>26,080</b> | District 4, Dublin.....   | 1,702         | 1,581            | 1,536            |
| District 1, Vansville.....  | 2,628         | 2,118         | 1,812         | District 5, Mount Vernon.....   | 1,478         | 1,470            | 1,868            |
| District 2, Bladensburg, <sup>6</sup> including Bladensburg town.....   | 2,083         | 3,981         | 2,655         | District 6, Fairmount.....  | 1,833         | 2,347            | 2,781            |
| <i>Bladensburg town</i> .....   | 460           | 463           | 608           | District 7, Crisfield, including Crisfield town.....  | 3,743         | 3,400            | 3,980            |
| District 3, Marlboro, including Upper Marlboro town.....  | 1,693         | 1,910         | 3,574         | <i>Crisfield town</i> .....   | 3,468         | 3,165            | 3,565            |
| <i>Upper Marlboro town</i> .....  | 361           | 449           | 430           | District 8, Lawsons.....  | 2,283         | 2,384            | 1,850            |
| District 4, Nottingham.....   | 1,606         | 1,737         | 1,712         | District 9, Tangler <sup>14</sup> .....   | 775           | 2,204            | 2,052            |
| District 5, Piscataway, including Piscataway village.....   | 2,421         | 2,054         | 1,650         | District 10, Smiths Island.....   | 813           | 651              | 534              |
| <i>Piscataway village</i> .....   | 73            | 95            | .....         | District 11, Dames Quarter.....   | 933           | 1,003            | 946              |
| District 6, Spalding.....   | 2,192         | 1,905         | 1,977         | District 12, Asbury.....  | 1,813         | 1,564            | .....            |
| District 7, Queen Anne.....   | 1,812         | 2,245         | 2,152         | District 13, Westover.....  | 1,487         | 1,630            | .....            |
| District 8, Aquasco.....  | 1,190         | 1,274         | 1,218         | District 14, Deals Island <sup>14</sup> .....   | 1,524         | .....            | .....            |
| District 9, Surratts.....   | 1,133         | 1,103         | 992           | District 15, East Princess Anne, <sup>15</sup> including part of Princess Anne town.....          | 1,018         | .....            | .....            |
| District 10, Laurel, including Laurel town.....   | 2,978         | 2,633         | 2,523         | <i>Princess Anne town (part of)</i> .....   | 418           | .....            | .....            |
| <i>Laurel town</i> .....  | 2,415         | 2,079         | 1,984         |   |               |                  |                  |
| <i>Ward 1</i> .....   | 710           | .....         | .....         | <b>Talbot County</b> .....  | <b>19,620</b> | <b>20,342</b>    | <b>19,786</b>    |
| <i>Ward 2</i> .....   | 805           | .....         | .....         | District 1, Easton, including Easton town.....  | 6,299         | 6,304            | 5,809            |
| <i>Ward 3</i> .....   | 900           | .....         | .....         | <i>Easton town</i> .....  | 3,083         | 3,074            | 2,939            |
| District 11, Brandywine.....  | 1,427         | 1,669         | 1,616         | District 2, St. Michaels, including St. Michaels town.....  | 3,967         | 4,142            | 4,128            |
|   |               |               |               | <i>St. Michaels town</i> .....  | 1,517         | 1,043            | 1,349            |

<sup>1</sup> Returned in 1900 as in Baltimore and Howard Counties. Charter for that part of city (population 185 in 1900; 155 in 1890) in Baltimore County repealed in 1904.  
<sup>2</sup> Incorporated in 1906.  
<sup>3</sup> Incorporated in 1908.  
<sup>4</sup> Returned in 1900 as in district 4 only.  
<sup>5</sup> Incorporated in 1904.  
<sup>6</sup> Parts taken to form district 16 in 1901 and part of district 17 in 1905.  
<sup>7</sup> District 18 organized from part of district 13 in 1910.

<sup>8</sup> Organized from part of district 2 in 1901; part taken to form part of district 17 in 1905.  
<sup>9</sup> Organized from parts of districts 2 and 16 in 1905.  
<sup>10</sup> Incorporated in 1910.  
<sup>11</sup> Not returned separately.  
<sup>12</sup> County totals include population (3,471 in 1900; 4,414 in 1900) of old district 1 taken to form district 15 and new district 1, since 1900.  
<sup>13</sup> Organized from part of old district 1 in 1904.  
<sup>14</sup> District 14 organized from part of district 9 in 1904.



# STATISTICS OF POPULATION.

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TABLE 1.—POPULATION OF MINOR CIVIL DIVISIONS: 1910, 1900, AND 1890—Continued.

[District means election district. For changes in boundaries, etc., between 1900 and 1910, see footnotes; for those between 1890 and 1900, see Reports of the Twelfth Census: 1900, Vol. I, Table 5.]

| MINOR CIVIL DIVISION.  | 1910   | 1900   | 1890   | MINOR CIVIL DIVISION.   | 1910  | 1900  | 1890   |
|--|--------|--------|--------|---|-------|-------|--------|
| <b>Talbot County—Continued.</b>  |        |        |        | <b>Washington County—Continued.</b>   |       |       |        |
| District 3, Trappe, including Oxford and Trappe towns.....                                     | 4,144  | 4,541  | 4,062  | District 24, including parts of wards 1, 2, and 5 of Hagerstown city.....       | 2,954 | 2,536 | .....  |
| <i>Oxford town</i> .....   | 1,191  | 1,243  | 1,135  | <i>Hagerstown city (part of)</i> .....  | 1,990 | ..... | .....  |
| <i>Trappe town</i> .....   | 273    | 279    | 251    | District 25, including parts of wards 1 and 5 of Hagerstown city.....           | 4,484 | 2,617 | .....  |
| District 4, Chapel.....  | 2,992  | 3,113  | 3,030  | <i>Hagerstown city (part of)</i> .....  | 3,674 | ..... | .....  |
| District 5, Bay Hundred.....   | 2,228  | 2,152  | 1,810  | <b>Wicomico County.....</b>   |       |       |        |
| <b>Washington County.....</b>  |        |        |        | <b>Wicomico County.....</b>   |       |       |        |
| 49,617   |        |        |        | 26,815  |       |       |        |
| 45,133   |        |        |        | 22,852  |       |       |        |
| 39,782   |        |        |        | 19,980  |       |       |        |
| District 1, Sharpsburg, including Sharpsburg town.....   | 1,964  | 1,963  | 2,114  | District 1, Barren Creek.....   | 1,675 | 1,638 | 1,578  |
| <i>Sharpsburg town</i> .....   | 960    | 1,030  | 1,163  | District 2, Quantico.....   | 1,915 | 1,823 | 1,538  |
| District 2, Williamsport, including Williamsport town.....                                     | 2,899  | 2,656  | 2,219  | District 3, Tyaskin <sup>8</sup> .....  | 1,824 | 4,211 | 3,570  |
| <i>Williamsport town</i> .....   | 1,571  | 1,472  | 1,277  | District 4, Pifitsburg, <sup>9</sup> including Pittsville town.....             | 1,632 | 2,395 | 2,462  |
| District 3, Hagerstown, including part of ward 2 of Hagerstown city.....                       | 2,743  | 2,533  | 6,947  | <i>Pittsville town</i> <sup>10</sup> .....                                      | 800   | ..... | .....  |
| <i>Hagerstown city (part of)</i> .....   | 1,733  | 1,733  | 6,401  | District 5, Parsons, including part of Salisbury town.....                      | 4,511 | 3,411 | 11,556 |
| <i>Total for Hagerstown city in districts 3, 17, 21, 22, 24, and 25.....</i>                   | 16,507 | 15,591 | 10,118 | <i>Salisbury town (part of)</i> .....   | 2,727 | 1,887 | .....  |
| <i>Ward 1</i> .....  | 860    | .....  | .....  | <i>Total for Salisbury town in districts 5, 9, and 13.....</i>                  | 6,690 | 4,277 | 2,805  |
| <i>Ward 2</i> .....  | 3,023  | .....  | .....  | District 6, Dennis.....   | 837   | 855   | 960    |
| <i>Ward 3</i> .....  | 3,034  | .....  | .....  | District 7, Trappe.....   | 1,918 | 1,930 | 1,803  |
| <i>Ward 4</i> .....  | 4,371  | .....  | .....  | District 8, Nutters <sup>11</sup> .....   | 1,122 | 1,424 | 11,051 |
| <i>Ward 5</i> .....  | 4,619  | .....  | .....  | District 9, Salisbury, <sup>12</sup> including part of Salisbury town.....      | 2,790 | 2,887 | 11,683 |
| District 4, Clear Spring, including Clear Spring town.....                                     | 1,835  | 1,820  | 1,883  | <i>Salisbury town (part of)</i> .....   | 1,872 | 2,001 | .....  |
| <i>Clear Spring town</i> .....   | 581    | 474    | .....  | District 10, Sharptown, including Sharptown town.....                           | 1,298 | 1,125 | 820    |
| District 5, Hancock, including Hancock town.....   | 2,456  | 2,202  | 2,079  | <i>Sharptown town</i> .....   | 722   | 529   | 427    |
| <i>Hancock town</i> .....  | 893    | 824    | 815    | District 11, Delmar, including Delmar town.....                                 | 1,458 | 1,153 | .....  |
| District 6, Boonsboro, including Boonsboro town.....   | 1,848  | 1,983  | 1,833  | <i>Delmar town</i> .....  | 659   | 659   | .....  |
| <i>Boonsboro town</i> .....  | 769    | 700    | 766    | District 12, Nanticoke <sup>8</sup> .....                                       | 2,307 | ..... | .....  |
| District 7, Cavetown, including Smithsburg town.....   | 1,765  | 1,754  | 1,757  | District 13, Camden, <sup>13</sup> including part of Salisbury town.....        | 2,529 | 409   | .....  |
| <i>Smithsburg town</i> .....   | 481    | 468    | 487    | <i>Salisbury town (part of)</i> .....   | 2,091 | ..... | .....  |
| District 8, Rohersville.....   | 1,373  | 1,414  | 1,288  | District 14, Willards <sup>9</sup> .....  | 909   | ..... | .....  |
| District 9, Lettersburg.....   | 1,250  | 1,271  | 1,368  | <b>Worcester County.....</b>  |       |       |        |
| District 10, Funkstown, including Funkstown town.....  | 1,253  | 1,245  | 1,281  | 21,841  |       |       |        |
| <i>Funkstown town</i> .....  | 568    | 559    | .....  | 20,865  |       |       |        |
| District 11, Sandy Hook.....   | 1,624  | 1,586  | 1,602  | 19,747  |       |       |        |
| District 12, Tilghmanton.....  | 1,201  | 1,354  | 1,302  | District 1, Coston, including Pocomoke City town.....                           | 4,145 | 3,993 | 3,473  |
| District 13, Conococheague.....  | 1,371  | 1,402  | 1,312  | <i>Pocomoke City town</i> .....   | 2,369 | 2,124 | 1,869  |
| District 14, Ringgold.....   | 1,290  | 1,190  | 998    | District 2, Snow Hill, including Snow Hill town.....                            | 3,816 | 3,534 | 3,597  |
| District 15, Indian Spring.....  | 1,366  | 1,585  | 1,583  | <i>Snow Hill town</i> .....   | 1,844 | 1,599 | 1,433  |
| District 16, Beaver Creek.....   | 1,120  | 1,090  | 1,157  | District 3, East Berlin, including Ocean City town and part of Berlin town..... | 3,905 | 3,556 | 2,898  |
| District 17, Hagerstown, <sup>4</sup> including parts of wards 3 and 4 of Hagerstown city..... | 3,907  | 2,386  | 1,364  | <i>Berlin town (part of)</i> .....  | 869   | 777   | 566    |
| <i>Hagerstown city (part of)</i> .....   | 5,598  | 1,285  | 1,285  | <i>Total for Berlin town in districts 3 and 4.....</i>                          | 1,317 | 1,246 | 974    |
| District 18, Chewsville.....   | 895    | 889    | 917    | <i>Ocean City town</i> .....  | 476   | 365   | 85     |
| District 19, Keedysville, including Keedysville town.....                                      | 1,005  | 1,103  | 1,127  | District 4, Newark.....   | 1,123 | 1,166 | 1,093  |
| <i>Keedysville town</i> .....  | 367    | 426    | 420    | District 5, St. Martin, including Bishopville town.....                         | 1,613 | 1,420 | 1,466  |
| District 20, Downsville.....   | 883    | 960    | 1,026  | <i>Bishopville town</i> .....   | 262   | 243   | 276    |
| District 21, Hagerstown, <sup>4</sup> including parts of wards 4 and 5 of Hagerstown city..... | 3,173  | 2,497  | 3,451  | District 6, Colbournes.....   | 860   | 876   | 860    |
| <i>Hagerstown city (part of)</i> .....   | 2,516  | .....  | .....  | District 7, Atkinsons.....  | 1,185 | 1,226 | 1,369  |
| District 22, Hagerstown, <sup>5</sup> including parts of wards 3 and 4 of Hagerstown city..... | 4,007  | 2,537  | .....  | District 8, Stockton, including Girdletree town.....                            | 2,772 | 2,890 | 2,849  |
| <i>Hagerstown city (part of)</i> .....   | 3,280  | .....  | .....  | <i>Girdletree town</i> .....  | 325   | 356   | .....  |
| District 23, Wilsons.....  | 945    | 964    | 1,034  | District 9, West Berlin, including part of Berlin town.....                     | 2,422 | 2,205 | 2,138  |
|  |        |        |        | <i>Berlin town (part of)</i> .....  | 443   | 469   | 403    |

<sup>1</sup> County total includes population (13,591) of Hagerstown city, returned independently in 1900.

<sup>2</sup> Exclusive of population of Hagerstown city, returned independently in 1900.

<sup>3</sup> Name changed from Antietam since 1900.

<sup>4</sup> Name changed from West Hagerstown since 1900.

<sup>5</sup> Not returned separately in 1890.

<sup>6</sup> Name changed from East Hagerstown since 1900.

<sup>7</sup> County total includes population (2,905) of Salisbury town, returned independently in 1900.

<sup>8</sup> District 12 organized from part of district 3 in 1902.

<sup>9</sup> District 14 organized from part of district 4 in 1906.

<sup>10</sup> Incorporated in 1906.

<sup>11</sup> Exclusive of population of Salisbury town.

<sup>12</sup> District 13 organized from parts of districts 8 (including Salisbury town) and 9 in 1904.

TABLE 2.—POPULATION OF INCORPORATED PLACES: 1910, 1900, AND 1890.

| CITY, TOWN, OR VILLAGE.      | County.           | 1910    | 1900    | 1890    | CITY, TOWN, OR VILLAGE.      | County.           | 1910  | 1900  | 1890  |
|------------------------------|-------------------|---------|---------|---------|------------------------------|-------------------|-------|-------|-------|
| Aberdeen town.....           | Harford.....      | 616     | 600     | .....   | Laurel town.....             | Prince Georges... | 2,415 | 2,079 | 1,984 |
| Annapolis city.....          | Anne Arundel...   | 3,909   | 3,525   | 7,604   | Laytonsville town.....       | Montgomery.....   | 133   | 148   | ..... |
| Arundel-on-the-Bay town..... | Anne Arundel...   | 9       | .....   | .....   | Leonardtown town.....        | St. Marys.....    | 526   | 463   | 521   |
| Baltimore city.....          | .....             | 558,485 | 508,957 | 434,439 | Loch Lynn Heights town.....  | Garrett.....      | 210   | 215   | ..... |
| Bel Air town.....            | Harford.....      | 1,005   | 961     | 1,416   | Lonaconing town.....         | Allegheny.....    | 1,553 | 2,181 | ..... |
| Barlin town.....             | Worcester.....    | 1,317   | 1,246   | 974     | Manchester town.....         | Carroll.....      | 523   | 609   | 273   |
| Bertterton town.....         | Kent.....         | 308     | .....   | .....   | Middletown town.....         | Frederick.....    | 602   | 665   | 667   |
| Bishopville town.....        | Worcester.....    | 262     | 243     | 275     | Midland town.....            | Allegheny.....    | 1,173 | ..... | ..... |
| Bladensburg town.....        | Prince Georges... | 460     | 463     | 503     | Millington town.....         | Kent.....         | 309   | 406   | 455   |
| Bloomington town.....        | Garrett.....      | 372     | 395     | 295     | Mount Airy town.....         | Carroll.....      | ..... | 549   | ..... |
| Boonsboro town.....          | Washington.....   | 750     | 700     | 766     | Mount Rainier city.....      | Frederick.....    | ..... | ..... | ..... |
| Bridgetown town.....         | Caroline.....     | 19      | 50      | .....   | Mountain Lake Park town..... | Prince Georges... | 1,242 | ..... | ..... |
| Brookeville town.....        | Montgomery.....   | 132     | 158     | .....   | New Market town.....         | Garrett.....      | 335   | 260   | ..... |
| Brunswick town.....          | Frederick.....    | 3,721   | 2,471   | .....   | New Windsor town.....        | Frederick.....    | 320   | 360   | 423   |
| Burkittsville town.....      | Frederick.....    | 228     | 229     | .....   | North East town.....         | Carroll.....      | 446   | 430   | 414   |
| Cambridge town.....          | Dorchester.....   | 6,407   | 5,747   | 4,192   | Oakland town.....            | Cecil.....        | 974   | 999   | 1,249 |
| Cecilton town.....           | Cecil.....        | 518     | 447     | 455     | Ocean City town.....         | Garrett.....      | 1,306 | 1,170 | 1,046 |
| Centreville town.....        | Queen Annes.....  | 1,435   | 1,231   | 1,309   | Oxford town.....             | Worcester.....    | 470   | 365   | 85    |
| Charlestown town.....        | Cecil.....        | 274     | 244     | 228     | Perryville town.....         | Talbot.....       | 1,191 | 1,243 | 1,135 |
| Chesapeake City town.....    | Cecil.....        | 1,016   | 1,172   | 1,155   | Piscataway village.....      | Cecil.....        | 635   | 770   | 344   |
| Chestertown town.....        | Kent.....         | 2,735   | 3,008   | 2,632   | Pittsville town.....         | Prince Georges... | 73    | 95    | ..... |
| Church Hill town.....        | Queen Annes.....  | 366     | 368     | 596     | Pocomoke City town.....      | Wicomico.....     | 300   | ..... | ..... |
| Clear Spring town.....       | Washington.....   | 521     | 474     | .....   | Point of Rocks town.....     | Worcester.....    | 2,360 | 2,124 | 1,896 |
| Crisfield town.....          | Somerset.....     | 3,468   | 3,165   | 1,565   | Port Deposit town.....       | Frederick.....    | 470   | ..... | 364   |
| Crumpton town.....           | Queen Annes.....  | 228     | 207     | .....   | Poolesville town.....        | Montgomery.....   | 175   | 236   | ..... |
| Cumberland city.....         | Allegheny.....    | 21,328  | 17,128  | 12,720  | Port Deposit town.....       | Cecil.....        | 1,394 | 1,575 | 1,908 |
| Damascus town.....           | Montgomery.....   | 170     | 148     | .....   | Preston town.....            | Caroline.....     | 288   | 192   | ..... |
| Deer Park town.....          | Garrett.....      | 988     | 293     | 179     | Princess Anne town.....      | Somerset.....     | 1,006 | 854   | 865   |
| Delmar town.....             | Wicomico.....     | 959     | 659     | .....   | Queenstown town.....         | Queen Annes.....  | 279   | 374   | ..... |
| Denton town.....             | Caroline.....     | 1,481   | 900     | 641     | Ridgely town.....            | Caroline.....     | 943   | 713   | ..... |
| East New Market town.....    | Dorchester.....   | 280     | 282     | .....   | Rising Sun village.....      | Cecil.....        | 416   | 382   | 394   |
| Easton town.....             | Talbot.....       | 3,083   | 3,074   | 2,939   | Rook Hall town.....          | Kent.....         | 781   | ..... | ..... |
| Elkton town.....             | Cecil.....        | 2,487   | 2,542   | 2,318   | Rockville town.....          | Montgomery.....   | 1,131 | 1,110 | 1,568 |
| Ellicott City.....           | Howard.....       | 1,151   | 1,331   | 1,488   | St. Michaels town.....       | Talbot.....       | 1,517 | 1,043 | 1,329 |
| Emitsburg town.....          | Frederick.....    | 1,054   | 849     | 844     | Salisbury town.....          | Wicomico.....     | 6,690 | 4,277 | 2,905 |
| Federalsburg town.....       | Caroline.....     | 1,050   | 539     | 543     | Secretary town.....          | Dorchester.....   | 400   | 410   | ..... |
| Frederick city.....          | Frederick.....    | 10,411  | 9,296   | 8,193   | Sharpsburg town.....         | Washington.....   | 960   | 1,030 | 1,163 |
| Friendsville town.....       | Garrett.....      | 466     | .....   | .....   | Sharptown town.....          | Wicomico.....     | 722   | 529   | 427   |
| Frostburg town.....          | Allegheny.....    | 6,028   | 5,274   | 3,804   | Smithsburg town.....         | Washington.....   | 481   | 462   | 437   |
| Funkstown town.....          | Washington.....   | 568     | 559     | .....   | Snow Hill town.....          | Worcester.....    | 1,844 | 1,596 | 1,493 |
| Gaithersburg town.....       | Montgomery.....   | 625     | 547     | .....   | Solomons town.....           | Calvert.....      | 318   | ..... | ..... |
| Galena town.....             | Kent.....         | 262     | 251     | 266     | Somerset town.....           | Montgomery.....   | 173   | ..... | ..... |
| Garrett Park town.....       | Montgomery.....   | 185     | 175     | .....   | Sudlersville village.....    | Queen Annes.....  | 247   | 221   | 125   |
| Girdle tree town.....        | Worcester.....    | 325     | 336     | .....   | Sykesville town.....         | Carroll.....      | 565   | ..... | ..... |
| Glen Echo town.....          | Montgomery.....   | 203     | .....   | .....   | Takoma Park town.....        | Montgomery.....   | 1,242 | 756   | 164   |
| Goldsboro town.....          | Caroline.....     | 201     | .....   | .....   | Taneytown town.....          | Prince Georges... | 824   | 665   | 566   |
| Grantsville town.....        | Garrett.....      | 248     | 175     | .....   | Thurmont town.....           | Frederick.....    | 903   | 868   | 930   |
| Greensborough town.....      | Caroline.....     | 609     | 641     | 902     | Trappe town.....             | Talbot.....       | 273   | 270   | 251   |
| Hagerstown city.....         | Washington.....   | 16,607  | 13,591  | 10,118  | Union Bridge town.....       | Carroll.....      | 804   | 663   | 743   |
| Hampstead town.....          | Carroll.....      | 555     | 480     | 521     | Upper Marlboro town.....     | Prince Georges... | 361   | 449   | 439   |
| Hancock town.....            | Washington.....   | 893     | 824     | 815     | Vienna town.....             | Dorchester.....   | 332   | ..... | ..... |
| Havre de Grace city.....     | Harford.....      | 4,212   | 3,423   | 3,244   | Walkersville town.....       | Frederick.....    | 582   | 359   | ..... |
| Hillsboro town.....          | Caroline.....     | 209     | 196     | 174     | Westernport town.....        | Allegheny.....    | 2,702 | 1,998 | 1,526 |
| Hurlock town.....            | Dorchester.....   | 516     | 280     | .....   | Westminster city.....        | Carroll.....      | 3,295 | 3,199 | 2,903 |
| Hyattstown town.....         | Montgomery.....   | 98      | 81      | .....   | Williamsport town.....       | Washington.....   | 1,571 | 1,472 | 1,277 |
| Hyattsville town.....        | Prince Georges... | 1,917   | 1,222   | 1,509   | Woodsboro town.....          | Frederick.....    | 302   | ..... | ..... |
| Keedysville town.....        | Washington.....   | 337     | 426     | 420     | .....                        | .....             | ..... | ..... | ..... |
| Kensington town.....         | Montgomery.....   | 689     | 477     | .....   | .....                        | .....             | ..... | ..... | ..... |
| Kitzmiller'sville town.....  | Garrett.....      | 835     | .....   | .....   | .....                        | .....             | ..... | ..... | ..... |
| La Plata town.....           | Charles.....      | 269     | .....   | 116     | .....                        | .....             | ..... | ..... | ..... |

## CHAPTER 2.

### COMPOSITION AND CHARACTERISTICS OF THE POPULATION.

**Introduction.**—The first chapter having given the number of inhabitants of Maryland by counties and minor civil divisions, the decennial increase and the density of population, and the proportions urban and rural, the present chapter deals with the composition and characteristics of the population. The two chapters cover all the principal topics of the population census except occupations and ownership of homes.

**Description of the tables.**—The greater part of this chapter consists of five general tables, which present statistics of color, nativity, parentage, sex, citizenship, illiteracy, school attendance, and dwellings and families, as follows: Table I for the state and counties; Table II for Baltimore, the only city of more than 25,000 inhabitants; Table III for the three cities of 10,000 to 25,000; Table IV for places of 2,500 to 10,000; and Table V for wards of Baltimore.

A series of summary tables (numbered 1 to 15) reproduces from the general tables the more important state and city totals, and presents also certain additional data relative to state of birth, age, and marital condition.

On account of the wide differences in characteristics among the different classes of the population, the statistics on each subject are shown according to race, and for the whites according to nativity and parentage. Classification according to nativity and parentage is scarcely necessary for the other races, since nearly all negroes and Indians are native born of native parentage, and nearly all Chinese and Japanese either foreign born or of foreign parentage.

The white population is divided into four groups: (1) Native, native parentage—that is, having both parents born in the United States; (2) native, foreign parentage—having both parents born abroad; (3) native, mixed parentage—having one parent native and the other foreign born; (4) foreign born. As the second and third classes do not differ greatly in characteristics, they are combined in some of the tables; in a few cases all three native white classes are combined.

Since marked differences often exist between urban and rural communities with respect to the composition and characteristics of the population, the two classes are distinguished in connection with several of the subjects. Urban population, as defined by the Bureau of the Census, includes that of all incorporated places of 2,500 inhabitants or more, the remainder being classified as rural.

The census inquiry as to school attendance was merely as to whether the person enumerated had attended any kind of school at any time between September 1, 1909, and the date of enumeration, April 15, 1910.

The Census Bureau classifies as illiterate any person 10 years of age or over who is unable to write, regardless of ability to read.

**Color and nativity (Table 1).**—Of the total population of Maryland, 1,062,639, or 82 per cent, are whites, and 232,250, or 17.9 per cent, negroes. The corresponding percentages in 1900 were 80.2 and 19.8, respectively.

In 12 of the 23 counties negroes constitute more than one-fourth of the population, the maximum percentage being that for Charles County (52.3). (See map on page 585.)

Native whites of native parentage constitute 59.2 per cent of the total population of the state, and 72.1 per cent of the white population. Native whites of foreign or mixed parentage constitute 14.8 per cent of the total population, and foreign-born whites 8 per cent.

Of the urban population, 50.7 per cent are native whites of native parentage; of the rural, 67.9 per cent. The corresponding proportions for native whites of foreign or mixed parentage are 21.9 and 7.5 per cent, respectively. The percentage of foreign-born whites is 12.2 in the urban population and 3.7 in the rural; the percentage of negroes is 15.1 in the urban and 20.9 in the rural.

**Sex (Table 2).**—In the total population of the state there are 644,225 males and 651,121 females, or 98.9 males to 100 females. In 1900 the ratio was 98.4 to 100. Among the whites there are 99.2 males to 100 females; among the negroes, 97.7. Among native whites the ratio is 98.1 to 100, as compared with 108.9 to 100 for the foreign-born whites. In the urban population there are 92.7 males to 100 females, and in the rural, 105.8.

**State of birth (Tables 3 and 4).**—Of the total native population—that is, population born in the United States—86.2 per cent were born in Maryland and 13.8 per cent outside the state; of the native white population, 14 per cent were born outside the state, and of the native negro, 13 per cent. Persons born outside the state constitute a somewhat larger proportion of the native population in urban than in rural communities.



**Foreign nationalities** (Tables 5 and 12).—Of the foreign-born white population of Maryland, persons born in Germany represent 35.2 per cent; Russia, 26.4; Ireland, 9.3; Austria, 7.9; Italy, 6.7; England, 5; Hungary, 2; Scotland, 1.9; all other countries, 5.4 per cent. Of the total white stock of foreign origin, which includes persons born abroad and also natives having one or both parents born abroad, Germany contributed 45.7 per cent; Russia, 15.9; Ireland, 13.4; Austria, 5.5; England, 5.4; Italy, 3.8; Scotland, 2.3 per cent.

**Voting and militia ages** (Table 6).—The total number of males 21 years of age and over is 367,908, representing 28.4 per cent of the population. Of such males, 82.5 per cent are whites and 17.4 per cent negroes. Native whites represent 69.5 per cent of the total number and foreign-born whites 13 per cent. Of the 47,973 foreign-born white males of voting age, 24,256, or 50.6 per cent, are naturalized. Males of militia age—18 to 44—number 271,373.

**Age** (Tables 7, 8, and 13).—Of the total population, 10.6 per cent are under 5 years of age, 20.3 per cent from 5 to 14 years, inclusive, 19.4 per cent from 15 to 24, 29.1 per cent from 25 to 44, and 20.5 per cent 45 years of age and over. The foreign-born white population comprises comparatively few children, only 6 per cent of this class being under 15 years of age, while four-fifths (80.1 per cent) are 25 years of age and over. Of the native whites of native parentage only 46.2 per cent are 25 and over; of the native whites of foreign or mixed parentage, 49.9 per cent; and of the negroes, 46.7 per cent.

The urban population shows a smaller proportion of children than the rural and a larger proportion of persons in the prime of life. Migration to the city explains this at least in part. Of the urban population, 31.9 per cent are from 25 to 44 years of age, inclusive, and of the rural, 26.1 per cent.

**School attendance** (Table 9).—The total number of persons of school age—that is, from 6 to 20 years, inclusive—is 388,486, of whom 227,024, or 58.4 per cent, attended school. In addition to these, 3,565 persons under 6 and 4,039 of 21 and over attended school. For boys from 6 to 20 years, inclusive, the percentage attending school was 59; for girls, 57.9. For children from 6 to 14 years, inclusive, the percentage attending school was 80.2. The percentage for children of this age among native whites of native parentage was 83.3; among native whites of foreign or mixed parentage, 80; among foreign-born whites, 75.5; among negroes, 70.7. (See Table I.) In urban communities the percentage of children of that age attending school was 78.2, and in rural, 81.9.

**Illiteracy** (Table 10).—There are 73,397 illiterates in the state, representing 7.2 per cent of the total population 10 years of age and over, as compared with 11.1 per cent in 1900. The percentage of illiteracy is 23.4 among negroes, 11.9 among foreign-born whites, and 2.6 among native whites. It is 3 for native whites of native parentage and 1 for native whites of foreign or mixed parentage.

Illiterates are relatively fewer in urban than in rural communities, the percentages being 4.7 and 9.9, respectively. This difference between the urban and the rural population appears in each class of the population except the foreign-born whites, most of whom arrive in this country when past the school age, and among whom the percentage of illiteracy is practically the same in urban as in rural communities.

For persons from 10 to 20 years of age, inclusive, whose literacy depends largely upon present school facilities and school attendance, the percentage of illiteracy is 3.2. (See Table I.)

**Marital condition** (Tables 11 and 14).—In the population 15 years of age and over, 38.7 per cent of the males are single and 33.1 per cent of the females. The percentage married is 55.8 for males and 54.8 for females, and the percentage widowed 5 and 11.5, respectively. The percentages of those reported as divorced, 0.3 and 0.4, respectively, are believed to be too small, because of the probability that many divorced persons class themselves as single or widowed.

That the percentage single is smaller for women than for men is due largely to the fact that women marry younger. Thus 8 per cent of the females from 15 to 19 years of age are married, as compared with 0.6 per cent of the males, and 44.5 per cent of the females from 20 to 24 years are married, as compared with 23.6 per cent of the males. In the next age group, 25 to 34 years, the difference is less marked, and in the older age groups the percentage married is higher among males. That there is a larger proportion of widows than of widowers may indicate that men more often remarry than women, but, since husbands are generally older than their wives, the marriage relationship is more often broken by death of the husband than by death of the wife.

For the main elements of the population the percentages of married persons among those 15 years of age and over are as follows: Foreign-born whites, 67.4 for males, 63 for females; native whites of native parentage, 54.8 and 54.6, respectively; native whites of foreign or mixed parentage, 52.6 and 50.9; negroes, 53.8 and 54.2.

These percentages by no means indicate the relative tendency of the several classes as regards marriage. To determine that, the comparison should be made by age periods, since the proportion married in any class is determined largely by the proportion who have reached the marrying age. Similarly, the proportion widowed depends largely on the proportion past middle life. The percentage married is slightly higher for males, and decidedly higher for females, in rural than in urban communities.

**Dwellings and families.**—The total number of dwellings in Maryland is 253,805, and the total number of families 274,824, there being 108.3 families to each 100 dwellings. (See Table I.) The average number of persons per dwelling is 5.1, and the average number per family, 4.7.





# STATISTICS OF POPULATION.

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TABLE 10.—ILLITERATE PERSONS 10 YEARS OF AGE AND OVER.

| CLASS OF POPULATION.            | BOTH SEXES. |           | MALE.    |           | FEMALE.  |           | CLASS OF POPULATION.            | BOTH SEXES. |           | MALE.    |           | FEMALE.  |           |
|---------------------------------|-------------|-----------|----------|-----------|----------|-----------|---------------------------------|-------------|-----------|----------|-----------|----------|-----------|
|                                 | Num-ber.    | Per-cent. | Num-ber. | Per-cent. | Num-ber. | Per-cent. |                                 | Num-ber.    | Per-cent. | Num-ber. | Per-cent. | Num-ber. | Per-cent. |
| <b>THE STATE.</b>               |             |           |          |           |          |           |                                 |             |           |          |           |          |           |
| Total illiterate, 1910.....     | 73,397      | 7.2       | 36,556   | 7.2       | 36,841   | 7.1       | Total illiterate, 1910.....     | 25,366      | 4.7       | 10,676   | 4.2       | 14,690   | 5.2       |
| Native white.....               | 18,952      | 2.6       | 10,155   | 2.8       | 8,797    | 2.3       | Native white.....               | 3,457       | 0.9       | 1,509    | 0.8       | 1,948    | 1.0       |
| Native parentage.....           | 17,464      | 3.0       | 9,478    | 3.2       | 7,986    | 2.7       | Native parentage.....           | 2,067       | 1.0       | 1,185    | 1.0       | 1,482    | 1.1       |
| Foreign or mixed parentage..... | 1,488       | 1.0       | 677      | 0.9       | 811      | 1.0       | Foreign or mixed parentage..... | 790         | 0.7       | 324      | 0.6       | 466      | 0.8       |
| Foreign-born white.....         | 12,047      | 11.9      | 5,447    | 10.3      | 6,600    | 13.7      | Foreign-born white.....         | 9,373       | 12.0      | 3,971    | 10.1      | 5,402    | 14.0      |
| Negro.....                      | 42,289      | 23.4      | 20,852   | 23.3      | 21,437   | 23.5      | Negro.....                      | 12,441      | 14.9      | 5,106    | 13.3      | 7,335    | 16.3      |
| <b>URBAN POPULATION.</b>        |             |           |          |           |          |           |                                 |             |           |          |           |          |           |
| Total illiterate, 1910.....     | 101,947     | 11.1      | 49,110   | 10.8      | 52,837   | 11.4      | Total illiterate, 1910.....     | 48,031      | 9.9       | 25,880   | 10.3      | 22,151   | 9.4       |
| Native white.....               | 26,432      | 4.1       | 13,670   | 4.3       | 12,762   | 3.9       | Native white.....               | 15,495      | 4.2       | 8,646    | 4.6       | 6,849    | 3.8       |
| Native parentage.....           | 23,837      | 4.7       | 12,450   | 4.9       | 11,387   | 4.4       | Native parentage.....           | 14,797      | 4.5       | 8,293    | 5.0       | 6,504    | 4.0       |
| Foreign or mixed parentage..... | 2,595       | 1.9       | 1,220    | 1.8       | 1,375    | 1.9       | Foreign or mixed parentage..... | 698         | 1.8       | 353      | 1.8       | 345      | 1.8       |
| Foreign-born white.....         | 12,202      | 13.4      | 4,881    | 10.5      | 7,321    | 16.3      | Foreign-born white.....         | 2,674       | 11.6      | 1,476    | 11.0      | 1,198    | 12.4      |
| Negro.....                      | 63,033      | 35.1      | 30,340   | 34.4      | 32,693   | 35.8      | Negro.....                      | 29,848      | 30.8      | 15,746   | 30.9      | 14,102   | 30.7      |
| <b>RURAL POPULATION.</b>        |             |           |          |           |          |           |                                 |             |           |          |           |          |           |
| Total illiterate, 1910.....     | 101,947     | 11.1      | 49,110   | 10.8      | 52,837   | 11.4      | Total illiterate, 1910.....     | 48,031      | 9.9       | 25,880   | 10.3      | 22,151   | 9.4       |
| Native white.....               | 26,432      | 4.1       | 13,670   | 4.3       | 12,762   | 3.9       | Native white.....               | 15,495      | 4.2       | 8,646    | 4.6       | 6,849    | 3.8       |
| Native parentage.....           | 23,837      | 4.7       | 12,450   | 4.9       | 11,387   | 4.4       | Native parentage.....           | 14,797      | 4.5       | 8,293    | 5.0       | 6,504    | 4.0       |
| Foreign or mixed parentage..... | 2,595       | 1.9       | 1,220    | 1.8       | 1,375    | 1.9       | Foreign or mixed parentage..... | 698         | 1.8       | 353      | 1.8       | 345      | 1.8       |
| Foreign-born white.....         | 12,202      | 13.4      | 4,881    | 10.5      | 7,321    | 16.3      | Foreign-born white.....         | 2,674       | 11.6      | 1,476    | 11.0      | 1,198    | 12.4      |
| Negro.....                      | 63,033      | 35.1      | 30,340   | 34.4      | 32,693   | 35.8      | Negro.....                      | 29,848      | 30.8      | 15,746   | 30.9      | 14,102   | 30.7      |

TABLE 11.—MARITAL CONDITION OF PERSONS 15 YEARS OF AGE AND OVER.

| CLASS OF POPULATION AND AGE PERIOD.           | MALES 15 YEARS OF AGE AND OVER. |         |           |          |           |           | FEMALES 15 YEARS OF AGE AND OVER. |                     |         |           |          |           |           |            |
|---|---------------------------------|---------|-----------|----------|-----------|-----------|-----------------------------------|---------------------|---------|-----------|----------|-----------|-----------|------------|
|   | Total. <sup>1</sup>             | Single. |           | Married. |           | Wid-owed. | Di-voiced.                        | Total. <sup>1</sup> | Single. |           | Married. |           | Wid-owed. | Di-voiced. |
|   |                                 | Number. | Per-cent. | Number.  | Per-cent. |           |                                   |                     | Number. | Per-cent. | Number.  | Per-cent. |           |            |
| <b>THE STATE.</b>                             |                                 |         |           |          |           |           |                                   |                     |         |           |          |           |           |            |
| Total, 1910.....                              | 442,299                         | 171,025 | 38.7      | 246,717  | 55.8      | 22,100    | 1,498                             | 452,046             | 149,842 | 33.1      | 247,837  | 54.8      | 51,842    | 1,791      |
| Total, 1900.....                              | 391,759                         | 160,071 | 40.9      | 209,871  | 53.6      | 18,719    | 719                               | 402,739             | 140,814 | 35.0      | 210,858  | 52.4      | 48,620    | 1,086      |
| 15 to 19 years.....                           | 62,871                          | 62,243  | 99.0      | 401      | 0.6       | 8         | 1                                 | 65,102              | 59,585  | 91.5      | 5,238    | 8.0       | 69        | 9          |
| 20 to 24 years.....                           | 80,357                          | 45,727  | 57.0      | 14,245   | 23.6      | 180       | 45                                | 62,883              | 34,014  | 54.1      | 27,993   | 44.5      | 587       | 147        |
| 25 to 34 years.....                           | 101,014                         | 35,054  | 34.7      | 63,901   | 63.3      | 1,492     | 393                               | 104,777             | 27,220  | 26.0      | 73,712   | 70.4      | 3,123     | 584        |
| 35 to 44 years.....                           | 85,290                          | 14,331  | 16.8      | 67,416   | 79.0      | 2,986     | 454                               | 85,367              | 12,991  | 15.2      | 64,977   | 76.1      | 6,794     | 546        |
| 45 years and over.....                        | 132,055                         | 13,450  | 10.2      | 100,441  | 76.1      | 17,391    | 603                               | 133,222             | 15,795  | 11.9      | 75,603   | 56.8      | 41,135    | 499        |
| Age unknown.....                              | 712                             | 220     | 30.9      | 313      | 44.0      | 43        | 2                                 | 695                 | 237     | 34.1      | 254      | 36.5      | 134       | 6          |
| <b>Native white:</b>                          |                                 |         |           |          |           |           |                                   |                     |         |           |          |           |           |            |
| Native parentage <sup>2</sup> .....           | 250,190                         | 100,419 | 40.1      | 137,201  | 54.8      | 11,160    | 852                               | 257,854             | 90,299  | 35.0      | 140,728  | 54.6      | 25,408    | 1,011      |
| 15 to 24 years.....                           | 75,778                          | 66,582  | 87.9      | 8,835    | 11.7      | 89        | 33                                | 77,773              | 57,312  | 73.7      | 19,858   | 25.5      | 297       | 104        |
| 25 to 44 years.....                           | 102,336                         | 26,370  | 25.8      | 73,211   | 71.5      | 2,109     | 498                               | 106,642             | 23,177  | 21.7      | 78,418   | 73.5      | 4,296     | 643        |
| 45 years and over.....                        | 71,743                          | 7,354   | 10.3      | 55,934   | 76.7      | 8,947     | 320                               | 73,126              | 9,680   | 13.2      | 42,351   | 57.9      | 20,766    | 261        |
| Foreign or mixed parentage <sup>2</sup> ..... | 63,327                          | 27,337  | 43.2      | 33,315   | 52.6      | 2,330     | 253                               | 68,725              | 26,781  | 39.0      | 35,013   | 50.9      | 6,496     | 315        |
| 15 to 24 years.....                           | 17,460                          | 15,969  | 91.5      | 1,426    | 8.2       | 21        | 4                                 | 18,764              | 15,092  | 80.4      | 3,534    | 18.8      | 65        | 22         |
| 25 to 44 years.....                           | 27,708                          | 9,002   | 32.5      | 17,979   | 64.9      | 554       | 145                               | 30,111              | 8,508   | 28.3      | 19,991   | 66.1      | 1,473     | 192        |
| 45 years and over.....                        | 18,099                          | 2,341   | 12.9      | 13,886   | 76.7      | 1,752     | 104                               | 19,796              | 3,160   | 16.0      | 11,559   | 58.4      | 4,954     | 101        |
| <b>Foreign-born white<sup>2</sup>:</b>        |                                 |         |           |          |           |           |                                   |                     |         |           |          |           |           |            |
| 15 to 24 years.....                           | 51,194                          | 12,028  | 23.5      | 34,518   | 67.4      | 3,617     | 126                               | 46,760              | 8,269   | 17.7      | 29,476   | 63.0      | 8,833     | 128        |
| 25 to 44 years.....                           | 7,339                           | 6,213   | 84.7      | 1,095    | 14.9      | 12        | 2                                 | 7,050               | 4,433   | 62.9      | 2,564    | 36.4      | 27        | 8          |
| 45 years and over.....                        | 22,006                          | 5,064   | 22.4      | 17,115   | 75.7      | 344       | 52                                | 19,122              | 2,340   | 12.2      | 15,800   | 82.6      | 897       | 71         |
| Age unknown.....                              | 21,178                          | 1,035   | 7.7       | 16,281   | 76.9      | 3,156     | 72                                | 20,531              | 1,477   | 7.2       | 11,093   | 54.0      | 7,892     | 49         |
| <b>Negro<sup>2</sup>:</b>                     |                                 |         |           |          |           |           |                                   |                     |         |           |          |           |           |            |
| 15 to 24 years.....                           | 77,191                          | 30,141  | 39.0      | 41,495   | 53.8      | 5,090     | 264                               | 78,668              | 24,469  | 31.1      | 42,607   | 54.2      | 11,103    | 337        |
| 25 to 44 years.....                           | 22,615                          | 19,172  | 84.8      | 3,289    | 14.5      | 66        | 7                                 | 24,374              | 16,741  | 68.7      | 7,272    | 29.8      | 267       | 22         |
| 45 years and over.....                        | 33,433                          | 8,831   | 26.4      | 22,913   | 68.5      | 1,470     | 151                               | 34,257              | 6,183   | 18.0      | 24,562   | 71.7      | 3,250     | 224        |
| Age unknown.....                              | 20,895                          | 2,072   | 9.9       | 15,152   | 72.5      | 3,534     | 105                               | 19,766              | 1,478   | 7.5       | 10,658   | 53.9      | 7,522     | 88         |
| <b>URBAN POPULATION.</b>                      |                                 |         |           |          |           |           |                                   |                     |         |           |          |           |           |            |
| Total.....                                    | 227,678                         | 89,233  | 39.2      | 125,944  | 55.3      | 10,990    | 1,030                             | 251,267             | 89,186  | 35.5      | 128,314  | 51.1      | 31,973    | 1,343      |
| 15 to 24 years.....                           | 61,770                          | 53,822  | 87.1      | 7,651    | 12.4      | 96        | 31                                | 70,803              | 53,098  | 75.0      | 17,009   | 24.0      | 396       | 109        |
| 25 to 44 years.....                           | 101,833                         | 28,815  | 28.3      | 69,696   | 68.4      | 2,647     | 622                               | 108,328             | 26,549  | 24.5      | 73,771   | 68.1      | 7,006     | 879        |
| 45 years and over.....                        | 63,090                          | 6,468   | 10.1      | 48,450   | 76.1      | 8,332     | 377                               | 71,690              | 9,358   | 13.1      | 37,398   | 52.2      | 24,487    | 371        |
| Age unknown.....                              | 385                             | 138     | 35.8      | 147      | 38.2      | 15        | -----                             | 446                 | 181     | 40.6      | 136      | 30.5      | 84        | 4          |
| <b>Native white—Native parentage.....</b>     |                                 |         |           |          |           |           |                                   |                     |         |           |          |           |           |            |
| Native white—Foreign or mixed par.....        | 108,321                         | 40,059  | 42.5      | 57,146   | 52.8      | 4,327     | 544                               | 120,653             | 47,246  | 39.2      | 59,621   | 49.4      | 12,825    | 736        |
| Foreign-born white.....                       | 38,020                          | 9,163   | 24.1      | 26,177   | 68.9      | 2,507     | 99                                | 37,304              | 6,820   | 18.3      | 23,260   | 62.4      | 7,066     | 114        |
| Negro.....                                    | 34,853                          | 13,471  | 38.7      | 18,681   | 53.6      | 2,453     | 162                               | 40,973              | 13,891  | 33.9      | 19,892   | 48.5      | 6,891     | 231        |
| <b>RURAL POPULATION.</b>                      |                                 |         |           |          |           |           |                                   |                     |         |           |          |           |           |            |
| Total.....                                    | 214,621                         | 81,792  | 38.1      | 120,773  | 56.3      | 11,110    | 468                               | 200,779             | 60,656  | 30.2      | 119,523  | 59.5      | 19,869    | 428        |
| 15 to 24 years.....                           | 61,458                          | 54,148  | 88.1      | 6,995    | 11.4      | 92        | 15                                | 57,182              | 40,501  | 70.8      | 16,222   | 28.4      | 260       | 47         |
| 25 to 44 years.....                           | 84,471                          | 20,570  | 24.4      | 61,821   | 72.9      | 1,931     | 225                               | 81,816              | 13,662  | 16.7      | 64,918   | 79.3      | 2,911     | 251        |
| 45 years and over.....                        | 68,365                          | 6,992   | 10.2      | 51,991   | 76.0      | 9,059     | 226                               | 61,532              | 6,437   | 10.5      | 38,265   | 62.2      | 16,048    | 128        |
| Age unknown.....                              | 327                             | 82      | 25.1      | 166      | 50.8      | 28        | 2                                 | 249                 | 56      | 22.5      | 118      | 47.4      | 50        | 2          |
| <b>Native white—Native parentage.....</b>     |                                 |         |           |          |           |           |                                   |                     |         |           |          |           |           |            |
| Native white—Foreign or mixed par.....        | 141,809                         | 54,360  | 38.3      | 80,555   | 56.4      | 6,833     | 308                               | 137,201             | 43,053  | 31.4      | 81,107   | 59.1      | 12,583    | 275        |
| Foreign-born white.....                       | 17,192                          | 6,970   | 40.5      | 9,543    | 55.5      | 630       | 30                                | 16,409              | 5,562   | 33.9      | 9,482    | 57.8      | 1,306     | 33         |
| Negro.....                                    | 13,174                          | 3,765   | 28.6      | 8,341    | 63.3      | 1,010     | 27                                | 9,456               | 1,449   | 15.3      | 6,216    | 65.7      | 1,767     | 114        |
| Age unknown.....                              | 42,338                          | 16,670  | 39.4      | 22,814   | 53.9      | 2,037     | 102                               | 37,695              | 10,578  | 28.1      | 22,715   | 60.3      | 4,212     | 106        |

<sup>1</sup> Total includes persons whose marital condition is unknown.

<sup>2</sup> Totals include persons of unknown age.



SUPPLEMENT FOR MARYLAND.

TABLE 12.—FOREIGN WHITE STOCK, BY NATIONALITY, FOR BALTIMORE.

| FOREIGN COUNTRY IN WHICH BORN, OR, IF NATIVE, IN WHICH PARENTS WERE BORN. | WHITE POPULATION OF FOREIGN BIRTH OR FOREIGN PARENTAGE: 1910 |           |               |           |                            |                          | Foreign-born white population: 1900 | FOREIGN COUNTRY IN WHICH BORN, OR, IF NATIVE, IN WHICH PARENTS WERE BORN. | WHITE POPULATION OF FOREIGN BIRTH OR FOREIGN PARENTAGE: 1910 |           |               |           |                            |                          | Foreign-born white population: 1900 |
|---|--|-----------|---------------|-----------|----------------------------|--------------------------|-------------------------------------|---|--|-----------|---------------|-----------|----------------------------|--------------------------|-------------------------------------|
|   | Total.   |           | Foreign born. |           | Native.                    |                          |                                     |   | Total.   |           | Foreign born. |           | Native.                    |                          |                                     |
|   | Num-ber.   | Per cent. | Num-ber.      | Per cent. | Both parents foreign born. | One parent foreign born. |                                     |   | Num-ber.   | Per cent. | Num-ber.      | Per cent. | Both parents foreign born. | One parent foreign born. |                                     |
|   |  |           |               |           |                            |                          |                                     |   |  |           |               |           |                            |                          |                                     |
| All countries.....  | 211,613  | 100.0     | 77,043        | 100.0     | 98,690                     | 33,180                   | 67,940                              | Hungary.....  | 1,789  | 0.8       | 1,358         | 1.8       | 382                        | 49                       | 185                                 |
| Austria.....  | 13,316   | 6.3       | 6,538         | 8.5       | 5,829                      | 949                      | 3,814                               | Ireland.....  | 27,465   | 13.0      | 9,800         | 8.8       | 13,205                     | 7,454                    | 9,682                               |
| Canada—French.....  | 134  | 0.1       | 45            | 0.1       | 28                         | 61                       | 51                                  | Italy.....  | 8,473  | 4.0       | 5,043         | 6.5       | 3,001                      | 429                      | 2,942                               |
| Canada—Other.....   | 1,416  | 0.7       | 725           | 0.9       | 96                         | 595                      | 610                                 | Norway.....   | 371  | 0.2       | 199           | 0.3       | 80                         | 92                       | 188                                 |
| Cuba and other West Indies <sup>1</sup> .....                             | 200  | 0.1       | 100           | 0.1       | 8                          | 101                      | 90                                  | Roumania.....   | 280  | 0.1       | 216           | 0.3       | 70                         | 3                        | 28                                  |
| Denmark.....  | 255  | 0.1       | 132           | 0.2       | 29                         | 94                       | 107                                 | Russia.....   | 42,006   | 20.1      | 24,798        | 32.2      | 17,110                     | 788                      | 12,184                              |
| England.....  | 7,831  | 3.7       | 2,690         | 3.5       | 1,453                      | 3,688                    | 2,819                               | Scotland.....   | 1,811  | 0.9       | 618           | 0.7       | 450                        | 843                      | 694                                 |
| France.....   | 1,134  | 0.5       | 355           | 0.5       | 203                        | 576                      | 304                                 | Sweden.....   | 450  | 0.2       | 237           | 0.3       | 94                         | 125                      | 236                                 |
| Germany.....  | 90,637   | 45.6      | 26,021        | 33.8      | 48,983                     | 21,633                   | 33,931                              | Switzerland.....  | 480  | 0.2       | 228           | 0.3       | 91                         | 167                      | 186                                 |
| Greece.....   | 467  | 0.2       | 347           | 0.5       | 77                         | 43                       | 89                                  | Wales.....  | 333  | 0.2       | 90            | 0.1       | 95                         | 139                      | 92                                  |
| Holland.....  | 284  | 0.1       | 106           | 0.1       | 56                         | 122                      | 98                                  | All other.....  | 16,161   | 2.0       | 482           | 0.6       | 15,360                     | 329                      | 582                                 |

<sup>1</sup> Except Porto Rico.  
<sup>2</sup> Includes native whites whose parents were born in different foreign countries; for example, one parent in Ireland and the other in Scotland.

TABLE 13.—AGE, FOR BALTIMORE.

| AGE PERIOD.            | TOTAL.  |         | NATIVE WHITE. |         | FOREIGN-BORN WHITE. |         | NEGRO. |         |
|------------------------|---------|---------|---------------|---------|---------------------|---------|--------|---------|
|                        | Male.   | Female. | Male.         | Female. | Male.               | Female. | Male.  | Female. |
| All ages.....          | 268,195 | 290,290 | 190,180       | 206,164 | 38,636              | 38,407  | 39,054 | 45,695  |
| Under 5 years.....     | 20,189  | 25,797  | 22,677        | 22,205  | 258                 | 216     | 3,253  | 3,375   |
| Under 1 year.....      | 5,174   | 5,065   | 4,460         | 4,303   | 23                  | 9       | 684    | 662     |
| 5 to 9 years.....      | 24,739  | 24,878  | 20,586        | 20,449  | 1,093               | 1,071   | 3,060  | 3,356   |
| 10 to 14 years.....    | 23,564  | 24,943  | 19,556        | 20,282  | 1,240               | 1,266   | 2,759  | 3,392   |
| 15 to 19 years.....    | 25,124  | 29,129  | 20,226        | 22,209  | 1,810               | 2,304   | 3,084  | 4,523   |
| 20 to 24 years.....    | 27,373  | 31,340  | 19,362        | 21,795  | 3,634               | 3,084   | 4,358  | 5,855   |
| 25 to 34 years.....    | 48,322  | 51,593  | 31,244        | 34,207  | 8,518               | 7,586   | 8,485  | 9,796   |
| 35 to 44 years.....    | 38,881  | 41,245  | 24,202        | 26,687  | 7,830               | 7,344   | 6,738  | 7,211   |
| 45 to 64 years.....    | 43,751  | 47,344  | 27,025        | 30,723  | 10,417              | 9,060   | 6,193  | 6,645   |
| 65 years and over..... | 9,954   | 13,624  | 5,127         | 7,287   | 3,788               | 4,019   | 1,034  | 1,418   |
| Age unknown.....       | 298     | 397     | 175           | 225     | 33                  | 48      | 90     | 124     |

TABLE 14.—MARITAL CONDITION, FOR BALTIMORE.

| CLASS OF POPULATION AND AGE PERIOD.          | MALES 15 YEARS OF AGE AND OVER. |          |           |          |           |           | FEMALES 15 YEARS OF AGE AND OVER. |                     |          |           |          |           |           |            |
|--|---------------------------------|----------|-----------|----------|-----------|-----------|-----------------------------------|---------------------|----------|-----------|----------|-----------|-----------|------------|
|  | Total. <sup>1</sup>             | Single.  |           | Married. |           | Wid-owed. | Di-vorced.                        | Total. <sup>1</sup> | Single.  |           | Married. |           | Wid-owed. | Di-vorced. |
|  |                                 | Num-ber. | Per cent. | Num-ber. | Per cent. |           |                                   |                     | Num-ber. | Per cent. | Num-ber. | Per cent. |           |            |
| Total.....                                   | 193,703                         | 76,598   | 39.5      | 106,466  | 55.0      | 9,318     | 922                               | 214,672             | 76,947   | 35.8      | 108,520  | 50.6      | 27,605    | 1,188      |
| 15 to 24 years.....                          | 52,497                          | 45,642   | 87.3      | 6,384    | 12.2      | 84        | 28                                | 60,400              | 45,559   | 75.3      | 14,303   | 23.7      | 330       | 95         |
| 25 to 44 years.....                          | 87,203                          | 25,088   | 28.8      | 59,220   | 67.9      | 2,206     | 502                               | 92,838              | 23,213   | 25.0      | 62,699   | 67.4      | 6,130     | 775        |
| 45 years and over.....                       | 53,705                          | 5,551    | 10.3      | 40,742   | 75.9      | 7,015     | 332                               | 60,068              | 8,020    | 13.2      | 31,486   | 51.6      | 21,067    | 324        |
| Age unknown.....                             | 298                             | 117      | 39.3      | 120      | 40.3      | 13        | .....                             | 397                 | 155      | 39.0      | 122      | 30.7      | 78        | 4          |
| Native white—Native parentage.....           | 84,768                          | 37,243   | 43.9      | 43,517   | 51.3      | 3,349     | 470                               | 94,777              | 38,360   | 40.5      | 45,541   | 48.1      | 10,054    | 622        |
| Native white—Foreign or mixed parentage..... | 42,593                          | 18,926   | 44.4      | 21,827   | 51.2      | 1,557     | 211                               | 48,451              | 19,775   | 40.8      | 23,495   | 48.5      | 4,821     | 266        |
| Foreign-born white.....                      | 36,039                          | 8,825    | 23.9      | 24,917   | 69.1      | 2,349     | 93                                | 35,854              | 6,634    | 18.5      | 22,380   | 62.4      | 6,685     | 113        |
| Negro.....                                   | 29,982                          | 11,651   | 38.9      | 16,045   | 53.5      | 2,060     | 146                               | 35,572              | 12,170   | 34.2      | 17,005   | 48.1      | 6,044     | 197        |

<sup>1</sup> Total includes persons whose marital condition is unknown.

TABLE 15.—INDIAN, CHINESE, AND JAPANESE POPULATION FOR PRINCIPAL COUNTIES.

| COUNTY.                 | INDIAN. |      |      | CHINESE. |      |      | JAPANESE. |      |      |
|-------------------------|---------|------|------|----------|------|------|-----------|------|------|
|                         | 1910    | 1900 | 1890 | 1910     | 1900 | 1890 | 1910      | 1900 | 1890 |
| The state.....          | 55      | 3    | 44   | 378      | 544  | 189  |           |      |      |
| Anne Arundel.....       |         |      | 1    | 16       | 14   | 2    | 24        | 9    | 7    |
| Baltimore.....          |         |      |      | 14       | 14   |      | 1         | 3    | 2    |
| Baltimore city.....     | 23      |      | 10   | 314      | 477  | 178  | 12        | 4    | 4    |
| Cecil.....              | 15      | 3    | 23   | 1        |      |      | 3         |      | 1    |
| Remainder of state..... | 17      |      | 10   | 33       | 35   | 9    | 3         | 2    |      |

PER CENT OF NEGROES IN TOTAL POPULATION OF MARYLAND, BY COUNTIES: 1910.

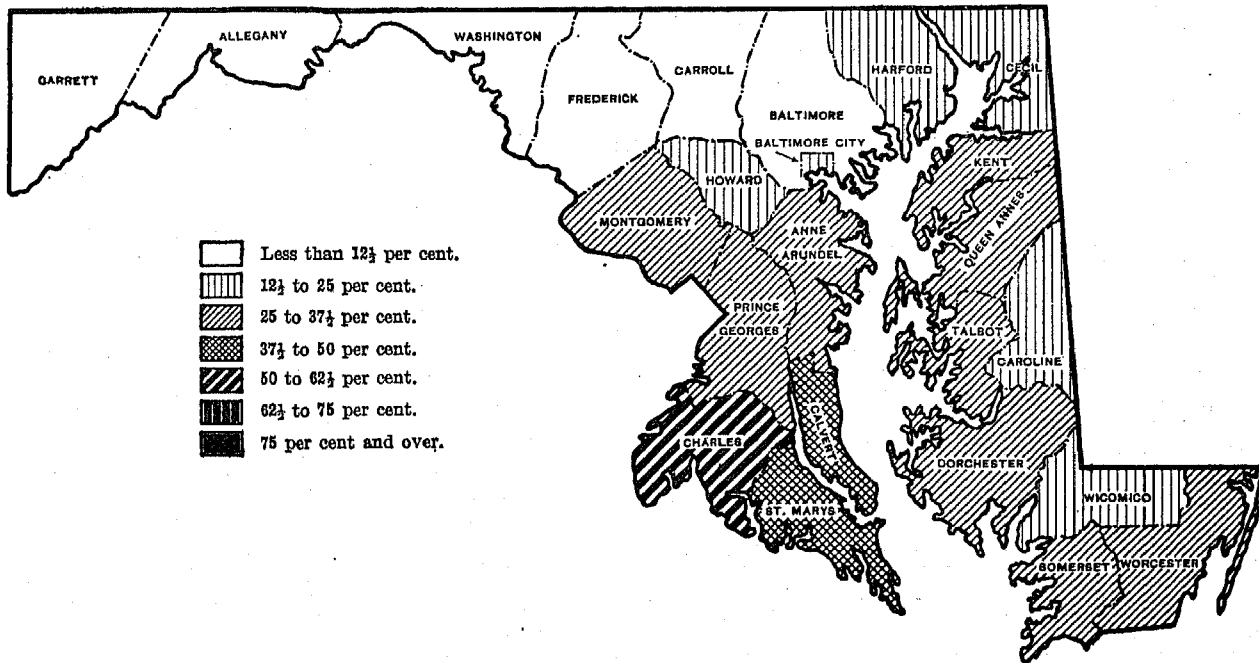


TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

[Per cent not shown where base is less than 100.]

| SUBJECT.   | THE STATE. | Allegheny. <sup>1</sup> | Anne Arundel. | Baltimore. <sup>2</sup> | Baltimore city. <sup>2</sup> | Calvert. | Caroline. | Carroll. |
|--|------------|-------------------------|---------------|-------------------------|------------------------------|----------|-----------|----------|
| <b>POPULATION</b>  |            |                         |               |                         |                              |          |           |          |
| Total population, 1910.....                              | 1,295,346  | 62,411                  | 39,553        | 122,340                 | 558,485                      | 10,325   | 19,216    | 33,934   |
| 1900.....  | 1,188,044  | 53,094                  | 30,620        | 90,755                  | 508,087                      | 10,223   | 16,248    | 33,880   |
| 1890.....  | 1,042,300  | 41,571                  | 34,094        | 72,009                  | 434,430                      | 9,800    | 13,603    | 32,376   |
| 1880.....  | 934,943    | 38,012                  | 28,526        | 83,330                  | 332,313                      | 10,538   | 13,760    | 30,992   |
| 1870.....  | 780,894    | 38,536                  | 24,457        | 63,387                  | 267,354                      | 9,805    | 12,101    | 28,619   |
| Increase, 1900-1910.....                                 | 107,302    | 8,717                   | -67           | 31,594                  | 40,528                       | 102      | 2,968     | 74       |
| Per cent of increase.....                                | 9.0        | 16.2                    | -0.2          | 34.8                    | 9.7                          | 1.0      | 18.3      | 0.2      |
| Increase, 1890-1900.....                                 | 145,654    | 12,123                  | 5,526         | 17,846                  | 74,518                       | 363      | 2,345     | 1,484    |
| Per cent of increase.....                                | 14.0       | 29.2                    | 16.2          | 24.5                    | 17.2                         | 3.7      | 16.9      | 4.6      |
| Land area (square miles).....                            | 9,941      | 443                     | 432           | 650                     | 30                           | 218      | 319       | 447      |
| Population per square mile, 1910.....                    | 130.3      | 140.9                   | 91.6          | 188.2                   | 18,616.2                     | 47.4     | 60.2      | 75.9     |
| Rural population per square mile, 1910.....              | 64.1       | 71.0                    | 71.6          | 188.2                   | .....                        | 47.4     | 60.2      | 68.5     |
| <b>URBAN AND RURAL TERRITORY.</b>                        |            |                         |               |                         |                              |          |           |          |
| Urban, 1910—Places of 2,500 or more in 1910.....         | 658,192    | 30,569                  | 8,609         | .....                   | 558,485                      | .....    | .....     | 3,295    |
| Same places in 1900.....                                 | 593,133    | 24,400                  | 8,525         | .....                   | 508,957                      | .....    | .....     | 3,199    |
| Per cent of increase, 1900-1910.....                     | 11.0       | 25.3                    | 1.0           | .....                   | 9.7                          | .....    | .....     | 3.0      |
| Rural, 1910—Remainder of county in 1910.....             | 637,154    | 31,842                  | 30,944        | 122,340                 | .....                        | 10,325   | 19,216    | 30,639   |
| Same territory in 1900.....                              | 594,911    | 29,294                  | 31,095        | 90,755                  | .....                        | 10,223   | 16,248    | 30,661   |
| Per cent of increase, 1900-1910.....                     | 7.1        | 8.7                     | -0.5          | 34.8                    | .....                        | 1.0      | 18.3      | -0.1     |
| Urban, 1900—Places of 2,500 or more in 1900.....         | 591,206    | 22,402                  | 8,525         | .....                   | 508,957                      | .....    | .....     | 3,199    |
| Rural, 1900—Remainder of county in 1900.....             | 596,838    | 31,292                  | 31,095        | 90,755                  | .....                        | 10,223   | 16,248    | 30,661   |
| Per cent in places of 2,500 or more, 1910.....           | 50.8       | 49.0                    | 21.8          | .....                   | 100.0                        | .....    | .....     | 9.7      |
| Per cent in places of 2,500 or more, 1900.....           | 49.8       | 41.7                    | 21.5          | .....                   | 100.0                        | .....    | .....     | 9.4      |
| <b>COLOR AND NATIVITY</b>                                |            |                         |               |                         |                              |          |           |          |
| White.....   | 1,062,639  | 60,863                  | 25,396        | 100,733                 | 473,387                      | 5,270    | 14,427    | 31,921   |
| Number in 1900.....                                      | 952,424    | 52,019                  | 24,228        | 79,123                  | 429,218                      | 5,080    | 12,009    | 31,717   |
| Number in 1890.....                                      | 826,405    | 40,155                  | 19,580        | 62,679                  | 367,143                      | 4,796    | 10,092    | 29,241   |
| Negro.....   | 232,250    | 1,517                   | 14,136        | 12,601                  | 84,740                       | 5,046    | 4,787     | 2,006    |
| Number in 1900.....                                      | 235,064    | 1,609                   | 15,267        | 11,618                  | 79,253                       | 5,143    | 4,237     | 2,143    |
| Number in 1890.....                                      | 215,657    | 1,431                   | 14,500        | 10,230                  | 67,104                       | 5,064    | 3,811     | 2,133    |
| Black.....   | 189,098    | 1,089                   | 11,344        | 10,530                  | 66,508                       | 4,271    | 3,944     | 1,194    |
| Mulatto.....   | 43,152     | 428                     | 2,792         | 2,062                   | 18,241                       | 775      | 843       | 812      |
| Indian, Chinese, and Japanese (see Tables 1 and 15)..... | 457        | 1                       | 21            | 15                      | 340                          | .....    | 2         | 7        |
| Native white—Native parentage.....                       | 766,627    | 43,032                  | 18,266        | 76,007                  | 261,474                      | 5,174    | 13,436    | 30,180   |
| Number in 1900.....                                      | 680,049    | 38,192                  | 16,768        | 58,504                  | 236,053                      | 4,909    | 11,270    | 27,564   |
| Native white—Foreign or mixed parentage.....             | 191,838    | 13,405                  | 3,875         | 22,600                  | 134,870                      | 71       | 585       | 1,255    |
| Number in 1900.....                                      | 179,221    | 15,107                  | 3,685         | 17,656                  | 126,226                      | 61       | 408       | 1,597    |
| Native white—Foreign parentage.....                      | 130,321    | 7,396                   | 2,720         | 14,434                  | 96,090                       | 32       | 345       | 665      |
| Native white—Mixed parentage.....                        | 61,517     | 6,009                   | 1,146         | 8,165                   | 38,180                       | 39       | 240       | 590      |
| Foreign-born white.....                                  | 104,174    | 4,396                   | 3,255         | 11,057                  | 77,043                       | 34       | 406       | 486      |
| Number in 1900.....                                      | 93,144     | 4,720                   | 3,843         | 9,163                   | 67,940                       | 30       | 337       | 566      |
| <b>PER CENT OF TOTAL POPULATION.</b>                     |            |                         |               |                         |                              |          |           |          |
| Native white—Native parentage.....                       | 59.2       | 65.9                    | 46.2          | 62.1                    | 40.8                         | 50.1     | 69.9      | 88.9     |
| Per cent in 1900.....                                    | 57.2       | 60.0                    | 42.3          | 57.0                    | 40.4                         | 48.9     | 69.4      | 87.5     |
| Native white—Foreign or mixed parentage.....             | 14.8       | 21.6                    | 9.8           | 18.5                    | 24.1                         | 0.7      | 3.0       | 3.7      |
| Per cent in 1900.....                                    | 15.1       | 23.1                    | 9.1           | 19.5                    | 24.6                         | 0.5      | 2.5       | 4.7      |
| Foreign-born white.....                                  | 8.0        | 7.0                     | 8.2           | 9.0                     | 13.8                         | 0.3      | 2.1       | 1.4      |
| Per cent in 1900.....                                    | 7.8        | 8.2                     | 9.7           | 10.1                    | 13.3                         | 0.3      | 2.1       | 1.6      |
| Negro.....   | 17.9       | 2.4                     | 35.7          | 10.3                    | 15.2                         | 48.9     | 24.9      | 5.9      |
| Per cent in 1900.....                                    | 19.8       | 3.1                     | 33.8          | 12.8                    | 15.6                         | 50.5     | 26.1      | 6.3      |
| <b>FOREIGN NATIONALITIES</b>                             |            |                         |               |                         |                              |          |           |          |
| <b>FOREIGN-BORN WHITE: Born in—</b>                      |            |                         |               |                         |                              |          |           |          |
| Austria.....   | 8,251      | 61                      | 656           | 531                     | 6,538                        | .....    | 13        | 16       |
| Canada—French.....                                       | 110        | 1                       | 10            | 14                      | 45                           | 1        | 1         | .....    |
| Canada—Other.....  | 1,283      | 78                      | 10            | 144                     | 725                          | 2        | 28        | 1        |
| Denmark.....   | 237        | 4                       | 9             | 30                      | 132                          | .....    | .....     | 1        |
| England.....   | 5,197      | 690                     | 132           | 730                     | 2,600                        | 7        | 43        | 35       |
| France.....  | 550        | 10                      | 28            | 74                      | 355                          | .....    | 10        | 5        |
| Germany.....   | 30,052     | 874                     | 1,009         | 5,851                   | 20,021                       | 7        | 174       | 289      |
| Greece.....  | 403        | 38                      | 23            | 4                       | 347                          | .....    | .....     | 6        |
| Holland.....   | 203        | 8                       | 14            | 32                      | 100                          | .....    | 16        | .....    |
| Hungary.....   | 2,089      | 241                     | 117           | 273                     | 1,353                        | .....    | 7         | 6        |
| Ireland.....   | 9,701      | 465                     | 83            | 1,300                   | 6,800                        | 1        | 12        | 44       |
| Italy.....   | 6,909      | 421                     | 64            | 443                     | 5,043                        | 1        | 51        | 4        |
| Norway.....  | 303        | 2                       | 30            | 80                      | 199                          | 6        | 4         | 2        |
| Roumania.....  | 220        | 1                       | .....         | 2                       | 216                          | .....    | 1         | .....    |
| Russia.....  | 27,532     | 199                     | 863           | 931                     | 24,798                       | 7        | 20        | 56       |
| Scotland.....  | 1,955      | 884                     | 48            | 230                     | 518                          | 2        | 7         | 10       |
| Sweden.....  | 421        | 20                      | 30            | 41                      | 237                          | .....    | 3         | 1        |
| Switzerland.....   | 452        | 17                      | 12            | 72                      | 223                          | .....    | 8         | 3        |
| Wales.....   | 583        | 309                     | 8             | 70                      | 99                           | .....    | 1         | .....    |
| Other foreign countries.....                             | 943        | 78                      | 84            | 109                     | 582                          | .....    | 7         | 7        |
| <b>NATIVE WHITE: Both parents born in—</b>               |            |                         |               |                         |                              |          |           |          |
| Austria.....   | 0,775      | 37                      | 420           | 307                     | 5,829                        | .....    | 19        | 7        |
| Canada—French.....                                       | 55         | 1                       | 7             | 3                       | 23                           | .....    | .....     | .....    |
| Canada—Other.....  | 225        | 38                      | 7             | 33                      | 96                           | .....    | 0         | 1        |
| Denmark.....   | 88         | 2                       | 10            | 9                       | 20                           | .....    | .....     | .....    |
| England.....   | 3,230      | 715                     | 56            | 428                     | 1,453                        | 1        | 25        | 16       |
| France.....  | 322        | 4                       | 12            | 48                      | 203                          | 1        | 5         | 4        |
| Germany.....   | 66,676     | 2,349                   | 1,173         | 9,856                   | 48,983                       | 14       | 179       | 501      |
| Greece.....  | 100        | 5                       | 3             | 5                       | 77                           | .....    | .....     | .....    |
| Holland.....   | 107        | 3                       | .....         | .....                   | 56                           | .....    | 11        | 2        |
| Hungary.....   | 641        | 33                      | 58            | 135                     | 382                          | .....    | .....     | 68       |
| Ireland.....   | 18,434     | 1,344                   | 159           | 1,961                   | 13,205                       | 5        | 32        | 2        |
| Italy.....   | 3,596      | 144                     | 60            | 194                     | 3,001                        | 1        | 3         | 1        |
| Norway.....  | 144        | 5                       | 12            | 25                      | 80                           | 4        | 2         | .....    |
| Russia.....  | 18,506     | 140                     | 420           | 347                     | 17,110                       | 5        | 20        | 15       |
| Scotland.....  | 2,085      | 1,515                   | 16            | 117                     | 450                          | .....    | 5         | 7        |
| Sweden.....  | 209        | 8                       | .....         | 36                      | 94                           | .....    | 1         | .....    |
| Switzerland.....   | 167        | 7                       | .....         | 10                      | 91                           | .....    | 3         | .....    |
| Wales.....   | 634        | 357                     | 2             | 85                      | 95                           | .....    | .....     | 2        |
| All others of foreign parentage.....                     | 8,327      | 891                     | 286           | 876                     | 5,428                        | 1        | 34        | 34       |

<sup>1</sup> Part taken to form Garrett County in 1872.

<sup>2</sup> Part of Baltimore County annexed to Baltimore city between 1880 and 1890.

# STATISTICS OF POPULATION.

587

## POPULATION FOR THE STATE AND FOR COUNTIES.

A minus sign (-) denotes decrease.]

| SUBJECT.   | THE STATE. | Allegany. <sup>1</sup> | Anne Arundel. | Baltimore. <sup>2</sup> | Baltimore city. <sup>2</sup> | Calvert. | Caroline. | Carroll. |
|--|------------|------------------------|---------------|-------------------------|------------------------------|----------|-----------|----------|
| <b>SEX</b>   |            |                        |               |                         |                              |          |           |          |
| Total.. Male.....                                    | 644,225    | 31,242                 | 20,559        | 63,241                  | 288,195                      | 5,362    | 9,894     | 17,005   |
| Female.....  | 651,121    | 31,169                 | 18,994        | 59,108                  | 290,290                      | 4,963    | 9,322     | 16,929   |
| White.. Male.....                                    | 529,072    | 30,508                 | 13,338        | 56,534                  | 228,816                      | 2,799    | 7,405     | 16,050   |
| Female.....  | 533,507    | 30,385                 | 12,058        | 53,199                  | 244,571                      | 2,480    | 7,022     | 15,871   |
| Negro.. Male.....                                    | 114,749    | 733                    | 7,203         | 6,692                   | 39,054                       | 2,563    | 2,487     | 951      |
| Female.....  | 117,501    | 784                    | 6,933         | 5,909                   | 45,695                       | 2,483    | 2,300     | 1,055    |
| <b>MALES OF VOTING AGE</b>                           |            |                        |               |                         |                              |          |           |          |
| Total number.....                                    | 367,908    | 16,442                 | 11,041        | 36,659                  | 163,554                      | 2,517    | 5,170     | 9,711    |
| Number in 1900.....                                  | 321,908    | 15,376                 | 11,147        | 25,853                  | 141,271                      | 2,683    | 4,276     | 9,200    |
| Native white—Native parentage.....                   | 203,234    | 9,580                  | 5,064         | 10,780                  | 68,492                       | 1,361    | 3,660     | 8,422    |
| Number in 1900.....                                  | 178,003    | 6,845                  | 4,687         | 12,758                  | 67,602                       | 1,324    | 3,054     | 7,322    |
| Native white—Foreign or mixed parentage.....         | 52,304     | 4,142                  | 798           | 6,853                   | 34,895                       | 28       | 121       | 545      |
| Number in 1900.....                                  | 46,965     | 3,714                  | 748           | 4,900                   | 31,897                       | 24       | 72        | 552      |
| Native white—Foreign parentage.....                  | 36,366     | 2,716                  | 577           | 4,818                   | 25,009                       | 15       | 82        | 302      |
| Native white—Mixed parentage.....                    | 15,938     | 1,426                  | 221           | 2,035                   | 9,886                        | 12       | 39        | 243      |
| Foreign-born white.....                              | 47,973     | 2,271                  | 1,644         | 5,767                   | 33,638                       | 16       | 213       | 260      |
| Number in 1900.....                                  | 42,011     | 2,591                  | 1,713         | 4,662                   | 29,615                       | 17       | 163       | 316      |
| Negro.....   | 63,963     | 439                    | 3,518         | 4,245                   | 26,214                       | 1,112    | 1,174     | 482      |
| Number in 1900.....                                  | 60,400     | 481                    | 4,012         | 3,619                   | 21,806                       | 1,223    | 1,016     | 510      |
| Indian, Chinese, and Japanese.....                   | 384        | 1                      | 17            | 14                      | 315                          | .....    | 2         | 2        |
| <b>PER CENT OF TOTAL.</b>                            |            |                        |               |                         |                              |          |           |          |
| Native white—Native parentage.....                   | 55.3       | 58.3                   | 45.9          | 54.0                    | 41.9                         | 54.1     | 70.8      | 86.7     |
| Native white—Foreign or mixed parentage.....         | 14.2       | 25.2                   | 7.2           | 18.7                    | 21.3                         | 1.1      | 2.3       | 5.6      |
| Foreign-born white.....                              | 13.0       | 13.8                   | 14.9          | 15.7                    | 20.6                         | 0.6      | 4.1       | 2.7      |
| Negro.....   | 17.4       | 2.7                    | 31.9          | 11.6                    | 16.0                         | 44.2     | 22.7      | 5.0      |
| <b>CITIZENSHIP OF FOREIGN-BORN WHITE.</b>            |            |                        |               |                         |                              |          |           |          |
| Naturalized.....                                     | 24,256     | 1,322                  | 654           | 3,365                   | 16,643                       | 10       | 97        | 123      |
| Having first papers.....                             | 3,278      | 84                     | 92            | 222                     | 2,664                        | .....    | 15        | 4        |
| Alien.....   | 13,573     | 543                    | 674           | 1,533                   | 9,559                        | .....    | 63        | 22       |
| Unknown.....   | 0,866      | 322                    | 234           | 647                     | 4,772                        | 6        | 48        | 111      |
| <b>ILLITERACY</b>                                    |            |                        |               |                         |                              |          |           |          |
| <b>ILLITERATE MALES OF VOTING AGE.</b>               |            |                        |               |                         |                              |          |           |          |
| Total number illiterate.....                         | 31,238     | 815                    | 1,786         | 2,261                   | 7,701                        | 602      | 850       | 439      |
| Per cent illiterate.....                             | 8.5        | 5.0                    | 16.0          | 6.2                     | 4.7                          | 23.9     | 16.4      | 4.5      |
| Per cent in 1900.....                                | 12.5       | 7.8                    | 24.7          | 9.8                     | 7.2                          | 25.6     | 19.0      | 6.5      |
| Native white, number illiterate.....                 | 8,620      | 456                    | 275           | 643                     | 629                          | 138      | 393       | 285      |
| Per cent illiterate.....                             | 3.4        | 3.3                    | 4.7           | 2.4                     | 0.6                          | 9.9      | 10.4      | 3.2      |
| Foreign-born white, number illiterate.....           | 5,037      | 263                    | 251           | 606                     | 3,488                        | .....    | 29        | 25       |
| Per cent illiterate.....                             | 10.5       | 11.6                   | 15.3          | 10.5                    | 10.4                         | .....    | 13.6      | 9.6      |
| Negro, number illiterate.....                        | 17,484     | 96                     | 1,230         | 1,008                   | 3,509                        | 464      | 428       | 123      |
| Per cent illiterate.....                             | 27.3       | 21.9                   | 35.0          | 23.7                    | 13.4                         | 41.7     | 36.5      | 26.6     |
| <b>PERSONS 10 YEARS OLD AND OVER.</b>                |            |                        |               |                         |                              |          |           |          |
| Total number.....                                    | 1,023,950  | 47,232                 | 29,797        | 97,157                  | 456,882                      | 7,463    | 14,570    | 26,840   |
| Number illiterate.....                               | 73,397     | 2,050                  | 4,121         | 4,971                   | 20,325                       | 1,414    | 1,826     | 1,074    |
| Per cent illiterate.....                             | 7.2        | 4.3                    | 13.8          | 5.1                     | 4.4                          | 18.9     | 12.5      | 4.0      |
| Native white, number.....                            | 742,096    | 41,757                 | 16,341        | 75,915                  | 310,427                      | 3,897    | 10,725    | 24,872   |
| Number illiterate.....                               | 18,952     | 1,278                  | 639           | 1,500                   | 1,855                        | 262      | 733       | 681      |
| Per cent illiterate.....                             | 2.6        | 3.1                    | 3.3           | 2.0                     | 0.6                          | 6.7      | 7.3       | 2.7      |
| Foreign-born white, number.....                      | 100,951    | 4,291                  | 3,116         | 10,891                  | 74,405                       | 32       | 393       | 479      |
| Number illiterate.....                               | 12,047     | 561                    | 504           | 1,221                   | 8,952                        | .....    | 48        | 82       |
| Per cent illiterate.....                             | 11.9       | 12.8                   | 16.2          | 11.2                    | 12.0                         | .....    | 12.2      | 17.1     |
| Negro, number.....                                   | 180,454    | 1,183                  | 10,319        | 10,336                  | 71,705                       | 3,534    | 3,450     | 1,483    |
| Number illiterate.....                               | 42,289     | 221                    | 3,066         | 2,246                   | 9,488                        | 1,152    | 995       | 309      |
| Per cent illiterate.....                             | 23.4       | 18.7                   | 29.7          | 21.7                    | 13.2                         | 32.6     | 28.3      | 20.8     |
| <b>PERSONS 10 TO 20 YEARS, INCLUSIVE.</b>            |            |                        |               |                         |                              |          |           |          |
| Total number.....                                    | 282,223    | 14,516                 | 9,017         | 26,674                  | 114,202                      | 2,679    | 4,460     | 7,272    |
| Number illiterate.....                               | 9,056      | 245                    | 706           | 539                     | 1,474                        | 236      | 249       | 110      |
| Per cent illiterate.....                             | 3.2        | 1.7                    | 7.8           | 2.0                     | 1.3                          | 8.8      | 5.6       | 1.5      |
| <b>SCHOOL AGE AND ATTENDANCE</b>                     |            |                        |               |                         |                              |          |           |          |
| <b>SCHOOL AGE 6 TO 20 YEARS, INCLUSIVE.</b>          |            |                        |               |                         |                              |          |           |          |
| Total number 6 to 20 years, inclusive.....           | 388,486    | 20,382                 | 12,726        | 36,701                  | 153,586                      | 3,830    | 6,324     | 10,090   |
| Number attending school.....                         | 227,024    | 11,871                 | 7,207         | 22,113                  | 79,933                       | 2,358    | 4,298     | 7,114    |
| Per cent attending school.....                       | 58.4       | 58.2                   | 56.6          | 60.3                    | 52.0                         | 61.6     | 68.0      | 70.5     |
| Number 6 to 9 years.....                             | 106,263    | 5,866                  | 3,709         | 10,027                  | 39,384                       | 1,151    | 1,864     | 2,818    |
| Number attending school.....                         | 78,196     | 4,373                  | 2,563         | 7,825                   | 23,200                       | 799      | 1,396     | 2,425    |
| Number 10 to 14 years.....                           | 129,605    | 6,874                  | 4,294         | 12,389                  | 48,507                       | 1,374    | 2,212     | 3,524    |
| Number attending school.....                         | 111,049    | 5,905                  | 3,527         | 10,924                  | 40,018                       | 1,194    | 1,998     | 3,281    |
| Number 15 to 17 years.....                           | 76,547     | 3,886                  | 2,386         | 7,259                   | 31,440                       | 712      | 1,218     | 1,967    |
| Number attending school.....                         | 30,348     | 1,327                  | 884           | 2,682                   | 9,223                        | 333      | 760       | 1,167    |
| Number 18 to 20 years.....                           | 76,071     | 3,756                  | 2,337         | 7,026                   | 34,255                       | 593      | 1,030     | 1,781    |
| Number attending school.....                         | 7,431      | 266                    | 233           | 682                     | 2,492                        | 32       | 144       | 251      |
| <b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>             |            |                        |               |                         |                              |          |           |          |
| Total number.....                                    | 235,868    | 12,740                 | 8,003         | 22,416                  | 87,891                       | 2,525    | 4,076     | 6,342    |
| Number attending school.....                         | 189,245    | 10,278                 | 6,090         | 18,749                  | 68,218                       | 1,993    | 3,394     | 5,706    |
| Per cent attending school.....                       | 80.2       | 80.7                   | 76.1          | 83.6                    | 77.6                         | 78.9     | 83.3      | 90.0     |
| Native white—Native parentage, number.....           | 150,708    | 10,160                 | 3,647         | 16,221                  | 47,294                       | 1,157    | 2,708     | 5,760    |
| Number attending school.....                         | 125,551    | 8,141                  | 3,108         | 13,770                  | 36,895                       | 1,024    | 2,331     | 5,260    |
| Per cent attending school.....                       | 83.3       | 80.1                   | 85.2          | 84.9                    | 78.0                         | 88.5     | 87.9      | 91.3     |
| Native white—Foreign or mixed parentage, number..... | 34,699     | 2,145                  | 920           | 3,974                   | 24,985                       | 7        | 153       | 95       |
| Number attending school.....                         | 27,774     | 1,841                  | 780           | 3,315                   | 19,540                       | 5        | 140       | 85       |
| Per cent attending school.....                       | 80.0       | 85.8                   | 84.8          | 83.4                    | 78.2                         | .....    | 89.7      | .....    |
| Foreign-born white, number.....                      | 5,210      | 129                    | 221           | 244                     | 4,339                        | 3        | 26        | 13       |
| Number attending school.....                         | 3,936      | 85                     | 168           | 196                     | 3,267                        | 3        | 23        | 9        |
| Per cent attending school.....                       | 75.5       | 65.9                   | 76.0          | 80.3                    | 75.3                         | .....    | .....     | .....    |
| Negro, number.....                                   | 45,233     | 306                    | 3,215         | 1,977                   | 11,265                       | 1,358    | 1,186     | 471      |
| Number attending school.....                         | 31,968     | 211                    | 2,034         | 1,468                   | 8,509                        | 961      | 850       | 349      |
| Per cent attending school.....                       | 70.7       | 69.0                   | 63.3          | 74.3                    | 75.5                         | 70.8     | 71.7      | 74.1     |
| <b>DWELLINGS AND FAMILIES</b>                        |            |                        |               |                         |                              |          |           |          |
| Dwellings, number.....                               | 253,805    | 12,307                 | 7,881         | 23,419                  | 101,905                      | 2,005    | 4,195     | 7,402    |
| Families, number.....                                | 274,824    | 12,745                 | 8,262         | 24,264                  | 118,851                      | 2,062    | 4,243     | 7,624    |

<sup>1</sup> Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.



TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

| SUBJECT.   | Cecil. | Charles. | Dorchester. | Frederick. | Garrett, <sup>1</sup> | Harford. | Howard. | Kent.  |
|--|--------|----------|-------------|------------|-----------------------|----------|---------|--------|
| <b>POPULATION</b>  |        |          |             |            |                       |          |         |        |
| Total population, 1910.....                              | 23,759 | 18,886   | 28,669      | 52,673     | 20,105                | 27,968   | 16,108  | 16,887 |
| 1900.....  | 24,062 | 17,662   | 27,902      | 51,920     | 17,701                | 28,269   | 16,715  | 18,788 |
| 1890.....  | 25,851 | 15,191   | 24,843      | 49,512     | 14,213                | 28,993   | 16,269  | 17,471 |
| 1880.....  | 27,108 | 18,548   | 23,110      | 50,432     | 12,175                | 28,042   | 16,140  | 17,605 |
| 1870.....  | 25,874 | 15,788   | 19,458      | 47,572     | .....                 | 22,005   | 14,160  | 17,102 |
| Increase, 1900-1910.....                                 | -903   | -1,276   | 707         | 753        | 2,404                 | -304     | -609    | -1,829 |
| Per cent of increase.....                                | -3.7   | -7.2     | 2.5         | 1.5        | 13.6                  | -1.1     | -3.6    | -9.7   |
| Increase, 1890-1900.....                                 | -1,189 | 2,471    | 3,119       | 2,408      | 3,488                 | -724     | 448     | 1,315  |
| Per cent of increase.....                                | -4.6   | 16.3     | 12.6        | 4.9        | 24.5                  | -2.5     | 2.7     | 7.5    |
| Land area (square miles).....                            | 377    | 464      | 576         | 603        | 685                   | 442      | 250     | 282    |
| Population per square mile, 1910.....                    | 63.0   | 35.3     | 49.8        | 79.4       | 29.4                  | 63.3     | 64.4    | 60.1   |
| Rural population per square mile, 1910.....              | 63.0   | 35.3     | 38.6        | 58.1       | 29.4                  | 53.7     | 64.4    | 50.4   |
| <b>URBAN AND RURAL TERRITORY.</b>                        |        |          |             |            |                       |          |         |        |
| Urban, 1910—Places of 2,500 or more in 1910.....         | .....  | .....    | 6,407       | 14,132     | .....                 | 4,212    | .....   | 2,735  |
| Same places in 1900.....                                 | .....  | .....    | 5,747       | 11,767     | .....                 | 3,423    | .....   | 3,008  |
| Per cent of increase, 1900-1910.....                     | .....  | .....    | 11.5        | 20.1       | .....                 | 23.0     | .....   | -0.1   |
| Rural, 1910—Remainder of county in 1910.....             | 23,759 | 16,886   | 22,262      | 38,541     | 20,105                | 23,753   | 16,108  | 14,222 |
| Same territory in 1900.....                              | 24,062 | 17,662   | 20,215      | 40,163     | 17,701                | 24,840   | 16,715  | 18,778 |
| Per cent of increase, 1900-1910.....                     | -3.7   | -7.2     | 0.2         | -4.0       | 13.0                  | -4.4     | -3.6    | -9.0   |
| Urban, 1900—Places of 2,500 or more in 1900.....         | 2,542  | .....    | 5,747       | 9,290      | .....                 | 3,423    | .....   | 3,008  |
| Rural, 1900—Remainder of county in 1900.....             | 22,120 | 17,662   | 22,215      | 42,624     | 17,701                | 24,840   | 16,715  | 18,778 |
| Per cent in places of 2,500 or more, 1910.....           | .....  | .....    | 22.3        | 26.8       | .....                 | 15.1     | .....   | 16.1   |
| Per cent in places of 2,500 or more, 1900.....           | 10.3   | .....    | 20.6        | 17.9       | .....                 | 12.1     | .....   | 16.0   |
| <b>COLOR AND NATIVITY</b>                                |        |          |             |            |                       |          |         |        |
| White.....   | 20,425 | 7,813    | 19,247      | 47,272     | 10,998                | 22,840   | 12,332  | 10,795 |
| Number in 1900.....                                      | 20,850 | 8,014    | 18,476      | 46,908     | 17,576                | 22,411   | 12,309  | 11,343 |
| Number in 1890.....                                      | 21,850 | 7,054    | 16,183      | 42,933     | 14,088                | 22,617   | 12,159  | 10,684 |
| Negro.....   | 3,315  | 8,872    | 9,421       | 5,399      | 107                   | 5,116    | 3,772   | 6,162  |
| Number in 1900.....                                      | 3,305  | 9,648    | 9,484       | 6,012      | 120                   | 5,854    | 4,405   | 7,448  |
| Number in 1890.....                                      | 3,978  | 8,156    | 8,709       | 6,538      | 155                   | 6,376    | 4,110   | 6,807  |
| Black.....   | 2,906  | 6,471    | 7,854       | 4,228      | 52                    | 4,270    | 2,618   | 5,806  |
| Mulatto.....   | 409    | 2,101    | 1,567       | 1,171      | 55                    | 837      | 1,154   | 356    |
| Indian, Chinese, and Japanese (see Tables 1 and 15)..... | 19     | 1        | 1           | 2          | .....                 | .....    | 2       | .....  |
| Native white—Native parentage.....                       | 18,477 | 7,393    | 18,152      | 45,388     | 17,678                | 10,673   | 10,611  | 10,188 |
| Number in 1900.....                                      | 18,657 | 7,670    | 17,031      | 43,503     | 15,415                | 10,061   | 10,177  | 10,688 |
| Native white—Foreign or mixed parentage.....             | 1,884  | 273      | 658         | 1,421      | 1,521                 | 2,117    | 1,207   | 383    |
| Number in 1900.....                                      | 1,699  | 222      | 431         | 1,765      | 1,711                 | 2,446    | 1,408   | 411    |
| Native white—Foreign parentage.....                      | 630    | 141      | 400         | 773        | 702                   | 1,201    | 711     | 209    |
| Native white—Mixed parentage.....                        | 698    | 137      | 198         | 648        | 819                   | 910      | 490     | 174    |
| Foreign-born white.....                                  | 614    | 142      | 437         | 403        | 709                   | 1,050    | 514     | 224    |
| Number in 1900.....                                      | 694    | 122      | 364         | 638        | 451                   | 904      | 720     | 284    |
| <b>PER CENT OF TOTAL POPULATION.</b>                     |        |          |             |            |                       |          |         |        |
| Native white—Native parentage.....                       | 77.8   | 45.1     | 63.3        | 86.2       | 87.0                  | 70.3     | 65.0    | 60.1   |
| Per cent in 1900.....                                    | 75.7   | 43.4     | 63.1        | 83.8       | 87.1                  | 67.4     | 60.9    | 58.8   |
| Native white—Foreign or mixed parentage.....             | 5.6    | 1.7      | 2.3         | 2.7        | 7.6                   | 7.6      | 7.5     | 2.3    |
| Per cent in 1900.....                                    | 5.5    | 1.3      | 1.7         | 3.4        | 9.7                   | 8.7      | 8.4     | 2.2    |
| Foreign-born white.....                                  | 2.6    | 0.9      | 1.5         | 0.9        | 4.0                   | 3.8      | 3.2     | 1.3    |
| Per cent in 1900.....                                    | 2.4    | 0.7      | 1.3         | 1.2        | 2.5                   | 3.2      | 4.4     | 1.4    |
| Negro.....   | 14.0   | 52.3     | 32.9        | 10.3       | 0.5                   | 18.3     | 23.4    | 36.3   |
| Per cent in 1900.....                                    | 15.4   | 54.6     | 33.9        | 11.6       | 0.7                   | 20.7     | 26.4    | 39.6   |
| <b>FOREIGN NATIONALITIES</b>                             |        |          |             |            |                       |          |         |        |
| <b>FOREIGN-BORN WHITE: Born in—</b>                      |        |          |             |            |                       |          |         |        |
| Austria.....   | 11     | 3        | 43          | 5          | 164                   | 36       | 14      | 8      |
| Canada—French.....                                       | 3      | 2        | .....       | .....      | .....                 | .....    | .....   | .....  |
| Canada—Other.....  | 13     | 1        | 18          | 21         | 10                    | 15       | 11      | 1      |
| Denmark.....   | 17     | 17       | 4           | 1          | .....                 | .....    | .....   | .....  |
| England.....   | 83     | 40       | 39          | 33         | 33                    | 40       | 39      | 32     |
| France.....  | 6      | 1        | 1           | 4          | 6                     | 11       | 8       | 1      |
| Germany.....   | 73     | 39       | 209         | 175        | 139                   | 333      | 203     | 89     |
| Greece.....  | 4      | .....    | 2           | 5          | .....                 | 8        | 1       | 2      |
| Holland.....   | .....  | .....    | 2           | 1          | .....                 | .....    | 5       | 2      |
| Hungary.....   | 2      | 1        | 17          | 17         | .....                 | 7        | 4       | 1      |
| Ireland.....   | 141    | 11       | 17          | 102        | 54                    | 174      | 71      | 36     |
| Italy.....   | 190    | 3        | 10          | 27         | 208                   | 208      | 10      | 17     |
| Norway.....  | .....  | .....    | 3           | .....      | .....                 | 8        | .....   | .....  |
| Roumania.....  | .....  | .....    | .....       | .....      | .....                 | .....    | .....   | .....  |
| Russia.....  | 22     | 7        | 30          | 46         | 48                    | 54       | 28      | 26     |
| Scotland.....  | 23     | 7        | 8           | 10         | 35                    | 17       | 15      | 5      |
| Sweden.....  | 13     | 6        | .....       | 4          | 4                     | 10       | 1       | .....  |
| Switzerland.....   | 5      | .....    | 21          | 3          | 4                     | 3        | 4       | 2      |
| Wales.....   | 3      | .....    | 4           | 2          | 4                     | 60       | 1       | .....  |
| Other foreign countries.....                             | 5      | 4        | 2           | 7          | 3                     | 16       | 4       | 2      |
| <b>NATIVE WHITE: Both parents born in—</b>               |        |          |             |            |                       |          |         |        |
| Austria.....   | .....  | 4        | 46          | 4          | 36                    | 25       | 9       | 2      |
| Canada—French.....                                       | 1      | .....    | 1           | 1          | .....                 | .....    | .....   | .....  |
| Canada—Other.....  | .....  | .....    | 7           | .....      | .....                 | .....    | 3       | .....  |
| Denmark.....   | 3      | 17       | 2           | 1          | 1                     | 1        | .....   | .....  |
| England.....   | 76     | 24       | 12          | 22         | 33                    | 37       | 38      | 17     |
| France.....  | 6      | .....    | 1           | 5          | 2                     | 5        | 3       | 1      |
| Germany.....   | 127    | 34       | 246         | 475        | 370                   | 467      | 428     | 97     |
| Greece.....  | .....  | .....    | .....       | .....      | .....                 | .....    | .....   | 2      |
| Holland.....   | .....  | .....    | .....       | 1          | .....                 | 2        | .....   | .....  |
| Hungary.....   | .....  | .....    | 13          | 1          | 8                     | 5        | .....   | .....  |
| Ireland.....   | 237    | 21       | 12          | 162        | 121                   | 430      | 141     | 49     |
| Italy.....   | 73     | 2        | 1           | 15         | 16                    | 19       | 11      | .....  |
| Norway.....  | .....  | .....    | 1           | 3          | .....                 | 2        | .....   | .....  |
| Russia.....  | 14     | 5        | 21          | 18         | 20                    | 38       | 15      | 11     |
| Scotland.....  | 17     | 3        | 9           | 8          | 33                    | 16       | 7       | 2      |
| Sweden.....  | 2      | 10       | 3           | 1          | .....                 | 5        | 1       | .....  |
| Switzerland.....   | 3      | .....    | 24          | 1          | .....                 | 2        | 1       | .....  |
| Wales.....   | 1      | .....    | 1           | .....      | 9                     | 69       | 3       | .....  |
| All others of foreign parentage <sup>1</sup> .....       | 76     | 21       | 60          | 55         | 51                    | 75       | 45      | 28     |

<sup>1</sup> Organized from part of Allegany County in 1872.

STATISTICS OF POPULATION.

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POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

| SUBJECT.   | Cecil. | Charles. | Dorchester. | Frederick. | Garrett. <sup>1</sup> | Harford. | Howard. | Kent.  |
|--|--------|----------|-------------|------------|-----------------------|----------|---------|--------|
| <b>SEX</b>   |        |          |             |            |                       |          |         |        |
| Total Male.....                                      | 12,123 | 8,570    | 14,658      | 26,168     | 10,670                | 14,402   | 8,237   | 8,745  |
| Female.....  | 11,636 | 7,816    | 14,011      | 26,505     | 9,435                 | 13,563   | 7,869   | 8,212  |
| White Male.....                                      | 10,422 | 4,084    | 9,823       | 23,507     | 10,610                | 11,760   | 6,278   | 5,547  |
| Female.....  | 10,003 | 3,720    | 9,424       | 23,765     | 9,388                 | 11,089   | 6,054   | 5,245  |
| Negro Male.....                                      | 1,699  | 4,485    | 4,834       | 2,659      | 60                    | 2,642    | 1,957   | 3,198  |
| Female.....  | 1,616  | 4,087    | 4,587       | 2,740      | 47                    | 2,474    | 1,815   | 2,964  |
| <b>MALES OF VOTING AGE</b>                           |        |          |             |            |                       |          |         |        |
| Total number.....                                    | 7,032  | 3,936    | 7,718       | 14,182     | 5,284                 | 8,340    | 4,402   | 4,969  |
| Number in 1900.....                                  | 7,046  | 4,256    | 7,226       | 15,705     | 4,487                 | 7,753    | 4,424   | 6,456  |
| Native white—Native parentage.....                   | 5,248  | 1,924    | 5,070       | 12,038     | 4,152                 | 5,476    | 2,780   | 3,012  |
| Number in 1900.....                                  | 5,083  | 1,968    | 4,732       | 11,281     | 3,565                 | 4,694    | 2,597   | 3,080  |
| Native white—Foreign or mixed parentage.....         | 471    | 71       | 96          | 581        | 585                   | 788      | 409     | 120    |
| Number in 1900.....                                  | 568    | 57       | 63          | 635        | 571                   | 788      | 409     | 120    |
| Native white—Foreign parentage.....                  | 238    | 34       | 67          | 344        | 298                   | 321      | 130     | 135    |
| Native white—Mixed parentage.....                    | 233    | 37       | 29          | 237        | 267                   | 525      | 267     | 69     |
| Foreign-born white.....                              | 356    | 81       | 231         | 197        | 538                   | 278      | 142     | 51     |
| Number in 1900.....                                  | 327    | 73       | 183         | 295        | 268                   | 644      | 281     | 123    |
| Negro.....   | 955    | 1,859    | 2,320       | 1,365      | 30                    | 480      | 371     | 126    |
| Number in 1900.....                                  | 1,005  | 2,160    | 2,236       | 1,493      | 29                    | 1,422    | 930     | 1,714  |
| Indian, Chinese, and Japanese.....                   | 2      | 1        | 1           | 1          |                       | 1,456    | 2       | 2,114  |
| <b>PER CENT OF TOTAL</b>                             |        |          |             |            |                       |          |         |        |
| Native white—Native parentage.....                   | 74.6   | 48.9     | 65.7        | 84.9       | 78.4                  | 65.7     | 63.2    | 60.6   |
| Native white—Foreign or mixed parentage.....         | 6.7    | 1.8      | 1.2         | 4.1        | 10.7                  | 9.6      | 9.3     | 2.4    |
| Foreign-born white.....                              | 5.1    | 2.1      | 3.0         | 1.4        | 10.2                  | 7.7      | 6.4     | 2.5    |
| Negro.....   | 13.6   | 47.2     | 30.1        | 9.6        | 0.7                   | 17.1     | 21.1    | 34.5   |
| <b>CITIZENSHIP OF FOREIGN-BORN WHITE</b>             |        |          |             |            |                       |          |         |        |
| Naturalized.....                                     | 138    | 46       | 166         | 96         | 139                   | 315      | 175     | 72     |
| Having first papers.....                             | 18     | 2        | 8           | 8          | 17                    | 16       | 13      | 5      |
| Alien.....   | 145    | 7        | 28          | 48         | 351                   | 238      | 41      | 21     |
| Unknown.....   | 55     | 26       | 29          | 45         | 31                    | 75       | 52      | 25     |
| <b>ILLITERACY</b>                                    |        |          |             |            |                       |          |         |        |
| <b>ILLITERATE MALES OF VOTING AGE</b>                |        |          |             |            |                       |          |         |        |
| Total number illiterate.....                         | 573    | 1,171    | 1,392       | 1,006      | 415                   | 630      | 400     | 849    |
| Per cent illiterate.....                             | 8.1    | 29.3     | 18.0        | 7.1        | 7.8                   | 7.6      | 9.1     | 17.1   |
| Per cent in 1900.....                                | 11.6   | 32.3     | 25.0        | 10.9       | 8.8                   | 9.3      | 15.5    | 23.4   |
| Native white, number illiterate.....                 | 189    | 196      | 536         | 549        | 298                   | 170      | 100     | 149    |
| Per cent illiterate.....                             | 3.3    | 9.3      | 11.3        | 4.4        | 6.3                   | 2.7      | 3.1     | 4.8    |
| Foreign-born white, number illiterate.....           | 53     | 3        | 14          | 20         | 107                   | 43       | 16      | 12     |
| Per cent illiterate.....                             | 14.9   | 3        | 6.1         | 10.2       | 19.9                  | 6.7      | 5.7     | 9.3    |
| Negro, number illiterate.....                        | 331    | 972      | 792         | 437        | 10                    | 417      | 282     | 688    |
| Per cent illiterate.....                             | 34.7   | 52.3     | 34.1        | 32.0       |                       | 29.3     | 30.3    | 40.1   |
| <b>PERSONS 10 YEARS OLD AND OVER</b>                 |        |          |             |            |                       |          |         |        |
| Total number.....                                    | 18,910 | 11,577   | 21,887      | 40,824     | 14,685                | 22,296   | 12,364  | 13,390 |
| Number illiterate.....                               | 1,189  | 2,717    | 3,098       | 2,327      | 903                   | 1,405    | 928     | 1,781  |
| Per cent illiterate.....                             | 6.3    | 23.5     | 14.2        | 5.7        | 6.1                   | 6.3      | 7.5     | 13.3   |
| Native white, number.....                            | 15,745 | 5,642    | 14,500      | 36,349     | 13,812                | 17,269   | 9,108   | 8,451  |
| Number illiterate.....                               | 397    | 335      | 1,163       | 1,288      | 734                   | 326      | 241     | 282    |
| Per cent illiterate.....                             | 2.3    | 5.9      | 8.1         | 3.5        | 5.3                   | 1.9      | 2.6     | 3.3    |
| Foreign-born white, number.....                      | 601    | 136      | 426         | 456        | 785                   | 1,049    | 513     | 221    |
| Number illiterate.....                               | 91     | 4        | 23          | 42         | 145                   | 104      | 32      | 30     |
| Per cent illiterate.....                             | 15.1   | 2.9      | 5.4         | 9.2        | 18.5                  | 9.9      | 6.2     | 13.6   |
| Negro, number.....                                   | 2,566  | 5,798    | 6,960       | 4,017      | 88                    | 3,978    | 2,741   | 4,718  |
| Number illiterate.....                               | 731    | 2,378    | 1,907       | 997        | 24                    | 975      | 653     | 1,469  |
| Per cent illiterate.....                             | 28.7   | 41.0     | 27.4        | 24.8       |                       | 24.5     | 23.8    | 31.1   |
| <b>PERSONS 10 TO 20 YEARS, INCLUSIVE</b>             |        |          |             |            |                       |          |         |        |
| Total number.....                                    | 5,126  | 4,198    | 7,030       | 11,679     | 4,865                 | 6,146    | 3,746   | 3,844  |
| Number illiterate.....                               | 153    | 625      | 373         | 240        | 171                   | 150      | 161     | 182    |
| Per cent illiterate.....                             | 3.0    | 14.9     | 5.3         | 2.1        | 3.5                   | 2.4      | 4.3     | 4.7    |
| <b>SCHOOL AGE AND ATTENDANCE</b>                     |        |          |             |            |                       |          |         |        |
| Total number 6 to 20 years, inclusive.....           | 7,062  | 6,096    | 9,817       | 16,281     | 6,960                 | 8,451    | 5,217   | 5,313  |
| Number attending school.....                         | 4,750  | 3,157    | 6,587       | 10,992     | 4,575                 | 5,585    | 3,081   | 3,633  |
| Per cent attending school.....                       | 67.3   | 51.8     | 67.1        | 67.5       | 65.7                  | 66.1     | 59.1    | 68.4   |
| Number 6 to 9 years.....                             | 1,936  | 1,898    | 2,787       | 4,602      | 2,095                 | 2,305    | 1,471   | 1,489  |
| Number attending school.....                         | 1,532  | 1,017    | 2,189       | 3,646      | 1,398                 | 1,823    | 994     | 1,201  |
| Number 10 to 14 years.....                           | 2,399  | 2,200    | 3,475       | 5,634      | 2,393                 | 2,891    | 1,813   | 1,919  |
| Number attending school.....                         | 2,165  | 1,604    | 3,147       | 5,166      | 2,114                 | 2,619    | 1,535   | 1,740  |
| Number 15 to 17 years.....                           | 1,388  | 1,135    | 1,855       | 3,145      | 1,293                 | 1,678    | 999     | 1,021  |
| Number attending school.....                         | 758    | 449      | 1,009       | 1,778      | 823                   | 917      | 442     | 572    |
| Number 18 to 20 years.....                           | 1,339  | 863      | 1,700       | 2,850      | 1,179                 | 1,877    | 934     | 904    |
| Number attending school.....                         | 295    | 87       | 242         | 412        | 240                   | 226      | 110     | 120    |
| <b>PERSONS 6 TO 14 YEARS, INCLUSIVE</b>              |        |          |             |            |                       |          |         |        |
| Total number.....                                    | 4,335  | 4,098    | 6,262       | 10,286     | 4,488                 | 5,196    | 3,284   | 3,388  |
| Number attending school.....                         | 3,697  | 2,621    | 5,336       | 8,802      | 3,512                 | 4,442    | 2,529   | 2,941  |
| Per cent attending school.....                       | 85.3   | 64.0     | 85.2        | 85.6       | 78.3                  | 85.5     | 77.0    | 86.8   |
| Native white—Native parentage, number.....           | 3,434  | 1,625    | 3,745       | 9,015      | 4,293                 | 3,893    | 2,198   | 1,935  |
| Number attending school.....                         | 3,074  | 1,277    | 3,330       | 7,848      | 3,376                 | 3,392    | 1,815   | 1,790  |
| Per cent attending school.....                       | 89.5   | 78.6     | 88.9        | 87.1       | 78.6                  | 89.2     | 82.6    | 91.0   |
| Native white—Foreign or mixed parentage, number..... | 198    | 81       | 229         | 86         | 165                   | 290      | 179     | 69     |
| Number attending school.....                         | 171    | 58       | 199         | 77         | 123                   | 256      | 146     | 63     |
| Per cent attending school.....                       | 86.4   |          | 86.9        |            | 74.5                  | 88.3     | 81.6    |        |
| Foreign-born white, number.....                      | 22     | 9        | 17          | 8          | 12                    | 21       | 5       | 5      |
| Number attending school.....                         | 15     | 6        | 15          | 8          | 7                     | 16       | 3       | 4      |
| Per cent attending school.....                       |        |          |             |            |                       |          |         |        |
| Negro, number.....                                   | 677    | 2,353    | 2,271       | 1,177      | 18                    | 1,082    | 902     | 1,379  |
| Number attending school.....                         | 433    | 1,280    | 1,792       | 869        | 6                     | 773      | 565     | 1,114  |
| Per cent attending school.....                       | 64.0   | 53.7     | 78.9        | 73.8       |                       | 71.9     | 62.6    | 80.8   |
| <b>DWELLINGS AND FAMILIES</b>                        |        |          |             |            |                       |          |         |        |
| Dwellings, number.....                               | 5,269  | 3,050    | 6,189       | 11,331     | 3,845                 | 6,117    | 3,168   | 3,783  |
| Families, number.....                                | 5,343  | 3,079    | 6,269       | 11,622     | 3,919                 | 6,218    | 3,211   | 3,826  |

<sup>1</sup> Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

TABLE I.—COMPOSITION AND CHARACTERISTICS OF THE

| SUBJECT.   | Montgomery. | Prince Georges. | Queen Annes. | St. Marys. | Somerset. | Talbot. | Washington. | Wicomico. | Worcester. |
|--|-------------|-----------------|--------------|------------|-----------|---------|-------------|-----------|------------|
| <b>POPULATION</b>                                  |             |                 |              |            |           |         |             |           |            |
| Total population, 1910.....                        | 32,089      | 36,147          | 16,839       | 17,030     | 26,455    | 19,020  | 49,617      | 26,815    | 21,841     |
| 1900.....  | 30,461      | 29,898          | 18,364       | 17,182     | 25,923    | 20,342  | 45,133      | 22,862    | 20,865     |
| 1890.....  | 27,185      | 26,080          | 18,461       | 15,819     | 24,155    | 19,736  | 39,782      | 19,930    | 19,747     |
| 1880.....  | 24,759      | 20,451          | 19,257       | 16,934     | 21,608    | 19,005  | 33,561      | 18,016    | 19,639     |
| 1870.....  | 20,563      | 21,138          | 16,171       | 14,944     | 18,190    | 16,137  | 34,712      | 15,802    | 16,419     |
| Increase, 1900-1910.....                           | 1,638       | 6,249           | -1,525       | -152       | 532       | -722    | 4,484       | 3,963     | 976        |
| Per cent of increase.....                          | 5.4         | 20.9            | -8.3         | -0.9       | 2.1       | -3.5    | 9.9         | 17.3      | 4.7        |
| Increase, 1890-1900.....                           | 3,266       | 3,818           | -97          | 1,363      | 1,768     | 606     | 5,351       | 2,922     | 1,118      |
| Per cent of increase.....                          | 12.0        | 14.6            | -0.5         | 8.6        | 7.3       | 3.1     | 13.5        | 14.7      | 5.7        |
| Land area (square miles).....                      | 521         | 482             | 365          | 371        | 331       | 208     | 459         | 371       | 495        |
| Population per square mile, 1910.....              | 61.6        | 75.0            | 46.1         | 45.9       | 79.9      | 73.2    | 108.1       | 72.8      | 44.1       |
| Rural population per square mile, 1910.....        | 61.6        | 75.0            | 46.1         | 45.9       | 69.4      | 61.7    | 72.1        | 54.2      | 44.1       |
| <b>URBAN AND RURAL TERRITORY.</b>                  |             |                 |              |            |           |         |             |           |            |
| Urban, 1910—Places of 2,500 or more in 1910.....   |             |                 |              |            | 3,468     | 3,083   | 16,507      | 6,690     |            |
| Same places in 1900.....                           |             |                 |              |            | 3,165     | 3,074   | 13,591      | 4,277     |            |
| Per cent of increase, 1900-1910.....               |             |                 |              |            | 9.6       | 0.3     | 21.5        | 56.4      |            |
| Rural, 1910—Remainder of county in 1910.....       | 32,089      | 36,147          | 16,839       | 17,030     | 22,987    | 16,537  | 33,110      | 20,125    | 21,841     |
| Same territory in 1900.....                        | 30,451      | 29,898          | 18,364       | 17,182     | 22,768    | 17,268  | 31,542      | 18,575    | 20,865     |
| Per cent of increase, 1900-1910.....               | 5.4         | 20.9            | -8.3         | -0.9       | 1.0       | -4.2    | 5.0         | 8.3       | 4.7        |
| Urban, 1900—Places of 2,500 or more in 1900.....   |             |                 |              |            | 3,165     | 3,074   | 13,591      | 4,277     |            |
| Rural, 1900—Remainder of county in 1900.....       | 30,451      | 29,898          | 18,364       | 17,182     | 22,768    | 17,268  | 31,542      | 18,575    | 20,865     |
| Per cent in places of 2,500 or more, 1910.....     |             |                 |              |            | 13.1      | 15.7    | 33.3        | 24.9      |            |
| Per cent in places of 2,500 or more, 1900.....     |             |                 |              |            | 12.2      | 15.1    | 30.1        | 18.7      |            |
| <b>COLOR AND NATIVITY</b>                          |             |                 |              |            |           |         |             |           |            |
| White.....   | 22,846      | 24,643          | 11,023       | 9,726      | 16,078    | 12,841  | 47,497      | 20,504    | 14,814     |
| Number in 1900.....                                | 20,398      | 17,910          | 11,991       | 8,926      | 16,537    | 12,875  | 42,648      | 17,028    | 13,898     |
| Number in 1890.....                                | 17,600      | 14,867          | 11,904       | 8,163      | 14,650    | 12,248  | 37,874      | 14,731    | 15,012     |
| Negro.....   | 9,235       | 11,493          | 5,814        | 7,304      | 9,470     | 6,774   | 2,113       | 6,310     | 7,025      |
| Number in 1900.....                                | 10,054      | 11,085          | 6,372        | 8,256      | 9,533     | 7,466   | 2,488       | 6,328     | 6,371      |
| Number in 1890.....                                | 9,885       | 11,210          | 6,557        | 7,666      | 9,505     | 7,433   | 2,507       | 6,199     | 6,754      |
| Black.....   | 7,836       | 8,520           | 5,234        | 5,924      | 8,101     | 6,232   | 1,702       | 5,793     | 6,653      |
| Mulatto.....                                       | 1,399       | 2,973           | 580          | 1,380      | 1,375     | 492     | 411         | 607       | 332        |
| Ind., Chi., and Jap. (see Tables 1 and 15).....    | 8           | 11              | 2            |            | 1         | 5       | 7           |           | 2          |
| Native white—Native parentage.....                 | 21,407      | 21,206          | 10,631       | 9,340      | 16,567    | 11,973  | 45,622      | 20,215    | 14,537     |
| Number in 1900.....                                | 19,010      | 16,301          | 11,649       | 8,784      | 16,033    | 11,985  | 40,822      | 16,015    | 13,777     |
| Native white—Foreign or mixed parentage.....       | 948         | 2,228           | 207          | 215        | 200       | 551     | 1,340       | 174       | 137        |
| Number in 1900.....                                | 1,008       | 1,369           | 303          | 187        | 231       | 547     | 1,760       | 63        | 188        |
| Native white—Foreign parentage.....                | 410         | 1,226           | 143          | 140        | 137       | 204     | 647         | 82        | 68         |
| Native white—Mixed parentage.....                  | 538         | 1,002           | 124          | 75         | 132       | 257     | 693         | 92        | 68         |
| Foreign-born white.....                            | 491         | 1,209           | 125          | 171        | 142       | 317     | 595         | 115       | 69         |
| Number in 1900.....                                | 381         | 760             | 130          | 75         | 123       | 343     | 508         | 86        | 140        |
| <b>PER CENT OF TOTAL POPULATION.</b>               |             |                 |              |            |           |         |             |           |            |
| Native white—Native parentage.....                 | 66.7        | 58.7            | 63.1         | 54.8       | 62.6      | 61.0    | 91.9        | 75.4      | 66.6       |
| Per cent in 1900.....                              | 62.4        | 52.8            | 62.0         | 50.8       | 61.8      | 53.9    | 89.3        | 74.0      | 68.0       |
| Native white—Foreign or mixed parentage.....       | 3.0         | 6.2             | 1.6          | 1.3        | 1.0       | 2.8     | 2.7         | 0.6       | 0.6        |
| Per cent in 1900.....                              | 5.3         | 4.5             | 1.6          | 0.7        | 0.9       | 2.7     | 3.9         | 0.4       | 0.6        |
| Foreign-born white.....                            | 1.5         | 3.3             | 0.7          | 1.0        | 0.5       | 1.6     | 1.1         | 0.4       | 0.6        |
| Per cent in 1900.....                              | 1.5         | 2.5             | 0.8          | 0.4        | 0.5       | 1.7     | 1.3         | 0.7       | 0.4        |
| Negro.....   | 28.8        | 31.8            | 34.5         | 42.9       | 35.8      | 34.5    | 4.3         | 23.5      | 32.2       |
| Per cent in 1900.....                              | 33.0        | 40.1            | 34.7         | 48.1       | 39.8      | 39.7    | 5.5         | 25.5      | 32.9       |
| <b>FOREIGN NATIONALITIES</b>                       |             |                 |              |            |           |         |             |           |            |
| <b>FOREIGN-BORN WHITE: Born in—</b>                |             |                 |              |            |           |         |             |           |            |
| Austria.....                                       | 7           | 63              |              | 21         | 4         | 1       | 3           | 2         | 1          |
| Canada—French.....                                 | 5           | 13              |              |            | 2         | 3       |             |           | 2          |
| Canada—Other.....                                  | 48          | 64              | 4            | 4          | 13        | 28      | 21          | 11        | 3          |
| Denmark.....                                       | 5           | 10              |              | 1          |           |         | 0           |           |            |
| England.....                                       | 70          | 201             | 24           | 17         | 20        | 51      | 50          | 23        | 28         |
| France.....  | 3           | 13              |              | 3          | 1         | 5       | 2           | 3         |            |
| Germany.....                                       | 106         | 445             | 48           | 64         | 30        | 145     | 134         | 24        | 21         |
| Greece.....  | 2           |                 |              | 2          |           | 3       | 16          |           |            |
| Holland.....                                       | 1           | 4               | 4            |            | 5         | 6       | 2           |           | 1          |
| Hungary.....                                       | 5           | 19              | 2            | 2          |           | 3       |             |           |            |
| Ireland.....                                       | 79          | 90              | 19           | 10         |           | 18      | 40          | 7         | 8          |
| Italy.....   | 11          | 50              | 2            |            | 11        | 12      | 80          | 20        | 23         |
| Norway.....  | 8           | 7               |              |            | 3         | 3       |             | 2         |            |
| Roumania.....                                      |             |                 |              |            |           |         |             |           |            |
| Russia.....  | 31          | 94              | 18           | 41         | 15        | 16      | 128         | 0         | 43         |
| Scotland.....                                      | 53          | 50              |              | 1          | 3         | 11      | 9           | 4         | 5          |
| Sweden.....  | 8           | 20              |              | 2          | 7         | 5       | 2           | 3         | 4          |
| Switzerland.....                                   | 22          | 30              |              | 7          | 3         | 3       | 2           | 3         |            |
| Wales.....   | 1           | 5               | 1            |            | 3         | 3       | 8           | 3         | 1          |
| Other foreign countries.....                       | 20          | 31              | 1            |            | 3         | 6       | 18          | 4         |            |
| <b>NATIVE WHITE: Both parents born in—</b>         |             |                 |              |            |           |         |             |           |            |
| Austria.....                                       | 1           | 22              |              | 5          |           | 1       |             | 1         |            |
| Canada—French.....                                 | 1           | 7               |              |            |           |         |             |           |            |
| Canada—Other.....                                  | 7           | 12              | 1            | 1          | 1         | 0       | 3           | 1         |            |
| Denmark.....                                       | 2           | 7               |              |            | 2         |         | 2           |           |            |
| England.....                                       | 53          | 105             | 15           | 4          | 14        | 31      | 31          | 13        | 11         |
| France.....  | 2           | 12              | 1            | 2          |           | 1       | 2           | 1         | 1          |
| Germany.....                                       | 142         | 554             | 65           | 40         | 45        | 165     | 323         | 17        | 17         |
| Greece.....  | 3           |                 |              |            |           |         | 1           |           |            |
| Holland.....                                       | 2           |                 |              | 1          |           |         | 2           |           |            |
| Hungary.....                                       |             | 3               | 1            |            | 6         |         |             | 8         |            |
| Ireland.....                                       | 98          | 192             | 28           | 23         | 15        | 30      | 85          | 13        | 3          |
| Italy.....   | 4           | 17              |              |            | 7         | 3       | 14          | 9         | 4          |
| Norway.....  | 3           |                 |              |            | 1         |         |             |           |            |
| Russia.....  | 15          | 63              | 13           | 43         | 10        | 10      | 120         | 2         | 25         |
| Scotland.....                                      | 36          | 26              | 4            | 1          |           | 6       | 3           | 3         | 1          |
| Sweden.....  | 1           | 9               |              |            |           |         |             | 3         | 1          |
| Switzerland.....                                   | 4           | 5               |              |            | 7         | 9       | 1           | 3         |            |
| Wales.....   | 1           | 2               | 1            |            | 2         | 2       | 1           | 3         | 1          |
| All others of foreign parentage <sup>1</sup> ..... | 38          | 187             | 14           | 11         | 3         | 30      | 56          | 6         | 4          |

<sup>1</sup> Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

STATISTICS OF POPULATION.

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POPULATION FOR THE STATE AND FOR COUNTIES—Continued.

| SUBJECT.                                      | Montgomery. | Prince Georges. | Queen Annes. | St. Marys. | Somerset. | Talbot. | Washington. | Wicomico. | Worcester. |
|---|-------------|-----------------|--------------|------------|-----------|---------|-------------|-----------|------------|
| <b>SEX</b>                                    |             |                 |              |            |           |         |             |           |            |
| Total.. Male.....                             | 16,163      | 18,803          | 8,639        | 8,903      | 13,588    | 9,884   | 24,689      | 13,425    | 11,060     |
| Female.....                                   | 15,926      | 17,344          | 8,200        | 8,127      | 12,867    | 9,736   | 24,928      | 13,390    | 10,781     |
| White.. Male.....                             | 11,431      | 12,893          | 5,635        | 5,112      | 8,682     | 6,431   | 23,639      | 10,295    | 7,473      |
| Female.....                                   | 11,415      | 11,750          | 5,388        | 4,614      | 8,295     | 6,410   | 23,858      | 10,209    | 7,341      |
| Negro.. Male.....                             | 4,727       | 5,902           | 3,002        | 3,791      | 4,905     | 3,448   | 1,043       | 3,129     | 3,585      |
| Female.....                                   | 4,508       | 5,591           | 2,812        | 3,513      | 4,571     | 3,326   | 1,070       | 3,181     | 3,440      |
| <b>MALES OF VOTING AGE</b>                    |             |                 |              |            |           |         |             |           |            |
| Total number.....                             | 8,835       | 9,966           | 4,652        | 3,938      | 7,158     | 5,506   | 13,665      | 7,313     | 5,908      |
| Number in 1900.....                           | 7,968       | 7,669           | 4,907        | 4,085      | 6,719     | 5,511   | 11,838      | 6,880     | 5,275      |
| Native white—Native parentage.....            | 5,957       | 6,020           | 2,957        | 2,192      | 4,592     | 3,434   | 12,251      | 5,080     | 4,133      |
| Number in 1900.....                           | 6,108       | 4,155           | 3,119        | 2,123      | 4,513     | 3,376   | 10,383      | 4,437     | 3,677      |
| Native white—Foreign or mixed parentage.....  | 327         | 591             | 80           | 53         | 87        | 125     | 474         | 45        | 24         |
| Number in 1900.....                           | 310         | 412             | 89           | 59         | 60        | 87      | 297         | 29        | 30         |
| Native white—Foreign parentage.....           | 171         | 379             | 52           | 36         | 50        | 69      | 215         | 22        | 10         |
| Native white—Mixed parentage.....             | 156         | 212             | 28           | 22         | 37        | 56      | 259         | 23        | 14         |
| Foreign-born white.....                       | 236         | 650             | 57           | 88         | 87        | 178     | 290         | 59        | 68         |
| Number in 1900.....                           | 207         | 383             | 80           | 93         | 62        | 176     | 255         | 19        | 42         |
| Negro.....                                    | 2,311       | 2,698           | 1,556        | 1,000      | 2,391     | 1,705   | 644         | 1,529     | 1,681      |
| Number in 1900.....                           | 2,355       | 2,708           | 1,613        | 1,316      | 2,230     | 1,632   | 650         | 1,364     | 1,624      |
| Indian, Chinese, and Japanese.....            | 4           | 7               | 2            | 1          | 1         | 4       | 6           |           | 2          |
| <b>PER CENT OF TOTAL.</b>                     |             |                 |              |            |           |         |             |           |            |
| Native white—Native parentage.....            | 67.4        | 60.4            | 63.6         | 55.7       | 64.2      | 62.4    | 89.7        | 77.7      | 70.0       |
| Native white—Foreign or mixed parentage.....  | 3.7         | 5.9             | 1.7          | 1.5        | 1.2       | 2.3     | 3.5         | 0.6       | 0.4        |
| Foreign-born white.....                       | 2.7         | 6.5             | 1.2          | 2.2        | 1.2       | 3.2     | 2.1         | 0.8       | 1.2        |
| Negro.....                                    | 26.2        | 27.1            | 33.4         | 40.6       | 33.4      | 32.1    | 4.7         | 20.9      | 28.5       |
| <b>CITIZENSHIP OF FOREIGN-BORN WHITE.</b>     |             |                 |              |            |           |         |             |           |            |
| Naturalized.....                              | 141         | 330             | 28           | 36         | 40        | 113     | 161         | 19        | 27         |
| Having first papers.....                      | 20          | 37              | 2            | 13         | 7         | 4       | 13          | 5         | 4          |
| Alien.....                                    | 41          | 88              | 6            | 12         | 18        | 19      | 84          | 15        | 27         |
| Unknown.....                                  | 34          | 195             | 21           | 27         | 22        | 42      | 27          | 20        | 10         |
| <b>ILLITERACY</b>                             |             |                 |              |            |           |         |             |           |            |
| <b>ILLITERATE MALES OF VOTING AGE.</b>        |             |                 |              |            |           |         |             |           |            |
| Total number illiterate.....                  | 1,121       | 1,331           | 940          | 1,209      | 1,486     | 899     | 542         | 1,328     | 1,512      |
| Per cent illiterate.....                      | 12.7        | 13.4            | 20.2         | 30.7       | 20.8      | 16.3    | 4.0         | 18.2      | 25.6       |
| Per cent in 1900.....                         | 13.7        | 24.3            | 25.0         | 33.3       | 23.2      | 22.4    | 8.1         | 25.1      | 31.4       |
| Native white, number illiterate.....          | 229         | 304             | 257          | 334        | 468       | 181     | 388         | 770       | 633        |
| Per cent illiterate.....                      | 3.6         | 4.6             | 8.5          | 14.8       | 10.0      | 5.1     | 3.0         | 13.4      | 15.2       |
| Foreign-born white, number illiterate.....    | 12          | 12              | 9            | 11         | 2         | 5       | 42          | 4         | 10         |
| Per cent illiterate.....                      | 5.1         | 1.8             | 1.7          | 1.1        | 0.3       | 2.8     | 14.5        |           |            |
| Negro, number illiterate.....                 | 879         | 1,015           | 673          | 864        | 1,015     | 713     | 111         | 554       | 863        |
| Per cent illiterate.....                      | 38.0        | 37.6            | 43.3         | 54.0       | 42.5      | 40.4    | 17.2        | 30.2      | 51.6       |
| <b>PERSONS 10 YEARS OLD AND OVER.</b>         |             |                 |              |            |           |         |             |           |            |
| Total number.....                             | 24,652      | 26,933          | 12,860       | 11,936     | 20,112    | 15,462  | 38,758      | 20,672    | 16,891     |
| Number illiterate.....                        | 2,320       | 3,132           | 2,070        | 2,811      | 3,358     | 2,090   | 1,324       | 2,844     | 3,319      |
| Per cent illiterate.....                      | 9.4         | 11.6            | 16.1         | 23.6       | 16.7      | 13.5    | 3.4         | 13.8      | 19.9       |
| Native white, number.....                     | 17,415      | 17,658          | 8,402        | 6,800      | 13,040    | 9,992   | 36,493      | 15,968    | 11,509     |
| Number illiterate.....                        | 437         | 630             | 473          | 698        | 956       | 357     | 990         | 1,519     | 1,253      |
| Per cent illiterate.....                      | 2.5         | 3.6             | 5.6          | 10.3       | 7.3       | 3.6     | 2.7         | 9.5       | 10.9       |
| Foreign-born white, number.....               | 476         | 1,182           | 122          | 158        | 139       | 312     | 522         | 114       | 132        |
| Number illiterate.....                        | 21          | 35              | 17           | 22         | 5         | 15      | 73          | 14        | 16         |
| Per cent illiterate.....                      | 4.4         | 3.0             | 13.9         | 13.9       | 3.6       | 4.8     | 14.0        | 12.3      | 12.1       |
| Negro, number.....                            | 6,763       | 8,083           | 4,334        | 4,978      | 6,923     | 5,153   | 1,736       | 4,590     | 5,048      |
| Number illiterate.....                        | 1,859       | 2,466           | 1,679        | 2,091      | 2,396     | 1,718   | 269         | 1,311     | 2,049      |
| Per cent illiterate.....                      | 27.5        | 30.5            | 38.4         | 42.0       | 34.6      | 33.3    | 14.9        | 28.6      | 40.6       |
| <b>PERSONS 10 TO 20 YEARS, INCLUSIVE.</b>     |             |                 |              |            |           |         |             |           |            |
| Total number.....                             | 7,134       | 8,127           | 3,929        | 4,473      | 6,440     | 4,468   | 10,827      | 6,175     | 5,187      |
| Number illiterate.....                        | 337         | 538             | 289          | 603        | 482       | 297     | 147         | 290       | 459        |
| Per cent illiterate.....                      | 4.7         | 6.6             | 7.4          | 13.5       | 7.5       | 6.6     | 1.4         | 4.7       | 8.8        |
| <b>SCHOOL AGE AND ATTENDANCE</b>              |             |                 |              |            |           |         |             |           |            |
| <b>Total number 6 to 20 years, inclusive.</b> |             |                 |              |            |           |         |             |           |            |
| Number attending school.....                  | 10,055      | 11,680          | 5,511        | 6,441      | 9,001     | 6,182   | 14,966      | 8,542     | 7,270      |
| Per cent attending school.....                | 65.4        | 60.8            | 64.9         | 58.0       | 60.0      | 62.7    | 61.0        | 65.2      | 66.1       |
| Number 6 to 9 years.....                      | 2,921       | 3,553           | 1,582        | 1,968      | 2,552     | 1,714   | 4,141       | 2,367     | 2,083      |
| Number attending school.....                  | 2,050       | 2,372           | 1,196        | 1,230      | 1,818     | 1,330   | 3,248       | 1,963     | 1,608      |
| Number 10 to 14 years.....                    | 3,444       | 4,159           | 1,892        | 2,364      | 3,126     | 2,137   | 5,142       | 2,890     | 2,503      |
| Number attending school.....                  | 3,110       | 3,621           | 1,683        | 1,921      | 2,643     | 1,821   | 4,402       | 2,630     | 2,191      |
| Number 15 to 17 years.....                    | 1,930       | 2,091           | 1,055        | 1,145      | 1,719     | 1,191   | 2,012       | 1,684     | 1,438      |
| Number attending school.....                  | 1,109       | 918             | 572          | 500        | 791       | 585     | 1,136       | 819       | 804        |
| Number 18 to 20 years.....                    | 1,760       | 1,877           | 982          | 964        | 1,604     | 1,140   | 2,773       | 1,601     | 1,245      |
| Number attending school.....                  | 306         | 192             | 124          | 87         | 146       | 133     | 252         | 160       | 199        |
| <b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>      |             |                 |              |            |           |         |             |           |            |
| Total number.....                             | 6,865       | 7,712           | 3,474        | 4,332      | 5,678     | 3,851   | 9,283       | 5,257     | 4,586      |
| Number attending school.....                  | 5,190       | 5,993           | 2,879        | 3,151      | 4,461     | 3,161   | 7,740       | 4,693     | 3,799      |
| Per cent attending school.....                | 81.1        | 77.7            | 82.9         | 72.7       | 78.6      | 82.1    | 83.4        | 87.4      | 82.8       |
| Native white—Native parentage, number.....    | 4,100       | 4,350           | 2,165        | 2,281      | 3,364     | 2,190   | 8,738       | 3,721     | 2,804      |
| Number attending school.....                  | 3,674       | 3,674           | 1,958        | 1,850      | 2,865     | 1,968   | 7,333       | 3,368     | 2,510      |
| Per cent attending school.....                | 87.2        | 84.5            | 90.4         | 81.1       | 85.2      | 89.9    | 83.9        | 90.5      | 89.5       |
| Native white—Foreign or mixed parentage.....  | 140         | 454             | 44           | 45         | 61        | 130     | 173         | 37        | 36         |
| Number attending school.....                  | 117         | 402             | 39           | 36         | 55        | 120     | 141         | 33        | 32         |
| Per cent attending school.....                | 83.6        | 88.5            |              |            |           | 92.3    | 81.5        |           |            |
| Foreign-born white, number.....               | 22          | 44              | 5            | 17         | 3         | 9       | 14          | 2         | 20         |
| Number attending school.....                  | 15          | 37              | 5            | 17         | 3         | 9       | 10          | 1         | 14         |
| Per cent attending school.....                |             |                 |              |            |           |         |             |           |            |
| Negro, number.....                            | 2,103       | 2,862           | 1,260        | 1,389      | 2,250     | 1,522   | 358         | 1,496     | 1,726      |
| Number attending school.....                  | 1,454       | 1,879           | 877          | 1,248      | 1,538     | 1,064   | 256         | 1,190     | 1,243      |
| Per cent attending school.....                | 69.1        | 65.7            | 69.6         | 62.7       | 68.4      | 69.9    | 71.5        | 79.5      | 72.0       |
| <b>DWELLINGS AND FAMILIES</b>                 |             |                 |              |            |           |         |             |           |            |
| Dwellings, number.....                        | 6,541       | 7,232           | 3,581        | 3,064      | 5,575     | 4,382   | 10,755      | 5,991     | 4,818      |
| Families, number.....                         | 6,705       | 7,398           | 3,636        | 3,119      | 5,793     | 4,470   | 11,230      | 6,115     | 4,850      |



TABLE II.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION OF BALTIMORE.

| SUBJECT.   | Baltimore. | SUBJECT.   | Baltimore. |
|--|------------|--|------------|
| <b>POPULATION</b>                                  |            | <b>MALES OF VOTING AGE</b>                           |            |
| Total population, 1910.....                        | 558,485    | Total number.....                                    | 163,554    |
| 1900.....  | 508,957    | Number in 1900.....                                  | 141,271    |
| 1890.....  | 434,439    | Native white—Native parentage.....                   | 68,492     |
| 1880.....  | 332,313    | Number in 1900.....                                  | 57,508     |
| 1870.....  | 207,354    | Native white—Foreign or mixed parentage.....         | 34,895     |
| Increase, 1900-1910.....                           | 49,528     | Number in 1900.....                                  | 51,997     |
| Per cent of increase.....                          | 9.7        | Native white—Foreign parentage.....                  | 25,009     |
| Increase, 1890-1900.....                           | 74,518     | Native white—Mixed parentage.....                    | 9,886      |
| Per cent of increase.....                          | 17.2       | Foreign-born white.....                              | 33,638     |
| <b>COLOR AND NATIVITY</b>                          |            | Number in 1900.....                                  | 29,516     |
| White.....   | 473,387    | Negro.....   | 26,214     |
| Number in 1900.....                                | 429,218    | Number in 1900.....                                  | 21,806     |
| Number in 1890.....                                | 367,143    | Indian, Chinese, and Japanese.....                   | 315        |
| Negro.....   | 84,749     | <b>PER CENT OF TOTAL.</b>                            |            |
| Number in 1900.....                                | 79,258     | Native white—Native parentage.....                   | 41.9       |
| Number in 1890.....                                | 67,104     | Native white—Foreign or mixed parentage.....         | 21.3       |
| Black.....   | 66,508     | Foreign-born white.....                              | 20.6       |
| Mulatto.....                                       | 18,241     | Negro.....   | 16.0       |
| Indian.....  | 23         | <b>CITIZENSHIP OF FOREIGN-BORN WHITE.</b>            |            |
| Chinese.....                                       | 314        | Naturalized.....                                     | 16,643     |
| Japanese.....                                      | 12         | Having first papers.....                             | 2,664      |
| Native white—Native parentage.....                 | 261,474    | Alien.....   | 9,559      |
| Number in 1900.....                                | 236,053    | Unknown.....   | 4,772      |
| Native white—Foreign or mixed parentage.....       | 134,870    | <b>ILLITERACY</b>                                    |            |
| Number in 1900.....                                | 125,225    | <b>ILLITERATE MALES OF VOTING AGE.</b>               |            |
| Native white—Foreign parentage.....                | 96,660     | Total number illiterate.....                         | 7,701      |
| Native white—Mixed parentage.....                  | 38,180     | Per cent illiterate.....                             | 4.7        |
| Foreign-born white.....                            | 77,043     | Per cent in 1900.....                                | 7.2        |
| Number in 1900.....                                | 67,940     | Native white, number illiterate.....                 | 629        |
| <b>PER CENT OF TOTAL POPULATION.</b>               |            | Per cent illiterate.....                             | 0.6        |
| Native white—Native parentage.....                 | 46.8       | Foreign-born white, number illiterate.....           | 3,483      |
| Per cent in 1900.....                              | 46.4       | Per cent illiterate.....                             | 10.4       |
| Native white—Foreign or mixed parentage.....       | 24.1       | Negro, number illiterate.....                        | 3,509      |
| Per cent in 1900.....                              | 24.6       | Per cent illiterate.....                             | 13.4       |
| Foreign-born white.....                            | 13.8       | <b>PERSONS 10 YEARS OLD AND OVER.</b>                |            |
| Per cent in 1900.....                              | 13.3       | Total number.....                                    | 456,882    |
| Negro.....   | 15.2       | Number illiterate.....                               | 20,325     |
| Per cent in 1900.....                              | 15.6       | Per cent illiterate.....                             | 4.4        |
| <b>SEX</b>   |            | Native white, number.....                            | 310,427    |
| Total.. Male.....                                  | 268,195    | Number illiterate.....                               | 1,855      |
| Female.....  | 290,290    | Per cent illiterate.....                             | 0.6        |
| White.. Male.....                                  | 228,816    | Foreign-born white, number.....                      | 74,405     |
| Female.....  | 244,571    | Number illiterate.....                               | 8,952      |
| Negro.. Male.....                                  | 39,054     | Per cent illiterate.....                             | 12.0       |
| Female.....  | 45,695     | Negro, number.....                                   | 71,705     |
| <b>FOREIGN NATIONALITIES</b>                       |            | Number illiterate.....                               | 9,438      |
| <b>FOREIGN-BORN WHITE: Born in—</b>                |            | Per cent illiterate.....                             | 13.2       |
| Austria.....                                       | 6,538      | <b>PERSONS 10 TO 20 YEARS, INCLUSIVE.</b>            |            |
| Canada—French.....                                 | 45         | Total number.....                                    | 114,202    |
| Canada—Other.....                                  | 725        | Number illiterate.....                               | 1,474      |
| Cuba and other West Indies.....                    | 100        | Per cent illiterate.....                             | 1.3        |
| Denmark.....                                       | 132        | <b>SCHOOL AGE AND ATTENDANCE</b>                     |            |
| England.....                                       | 2,090      | Total number 6 to 20 years, inclusive.....           | 153,586    |
| France.....  | 355        | Number attending school.....                         | 79,933     |
| Germany.....                                       | 26,021     | Per cent attending school.....                       | 52.0       |
| Greece.....  | 347        | Number 6 to 9 years.....                             | 39,384     |
| Holland.....                                       | 106        | Number attending school.....                         | 28,200     |
| Hungary.....                                       | 1,358      | Number 10 to 14 years.....                           | 48,507     |
| Ireland.....                                       | 6,806      | Number attending school.....                         | 40,018     |
| Italy.....   | 5,043      | Number 15 to 17 years.....                           | 31,440     |
| Norway.....  | 199        | Number attending school.....                         | 9,223      |
| Roumania.....                                      | 216        | Number 18 to 20 years.....                           | 34,255     |
| Russia.....  | 24,798     | Number attending school.....                         | 2,492      |
| Scotland.....                                      | 618        | <b>PERSONS 6 TO 14 YEARS, INCLUSIVE.</b>             |            |
| Spain.....   | 47         | Total number.....                                    | 67,891     |
| Sweden.....  | 237        | Number attending school.....                         | 68,218     |
| Switzerland.....                                   | 228        | Per cent attending school.....                       | 77.6       |
| Turkey.....  | 73         | Native white—Native parentage, number.....           | 47,294     |
| Wales.....   | 99         | Number attending school.....                         | 66,895     |
| Other foreign countries.....                       | 362        | Per cent attending school.....                       | 78.0       |
| <b>NATIVE WHITE: Both parents born in—</b>         |            | Native white—Foreign or mixed parentage, number..... | 24,985     |
| Austria.....                                       | 5,820      | Number attending school.....                         | 19,540     |
| Canada.....  | 124        | Per cent attending school.....                       | 78.2       |
| England.....                                       | 1,453      | Foreign-born white, number.....                      | 4,339      |
| France.....  | 203        | Number attending school.....                         | 3,287      |
| Germany.....                                       | 48,983     | Per cent attending school.....                       | 75.3       |
| Greece.....  | 77         | Negro, number.....                                   | 11,285     |
| Holland.....                                       | 56         | Number attending school.....                         | 8,509      |
| Hungary.....                                       | 382        | Per cent attending school.....                       | 75.5       |
| Ireland.....                                       | 13,205     | <b>DWELLINGS AND FAMILIES</b>                        |            |
| Italy.....   | 3,001      | Dwellings, number.....                               | 101,905    |
| Norway.....  | 80         | Families, number.....                                | 118,851    |
| Russia.....  | 17,110     |  |            |
| Scotland.....                                      | 450        |  |            |
| Sweden.....  | 94         |  |            |
| Switzerland.....                                   | 91         |  |            |
| Wales.....   | 95         |  |            |
| All others of foreign parentage <sup>2</sup> ..... | 5,457      |  |            |

<sup>1</sup> Except Porto Rico.

<sup>2</sup> Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

STATISTICS OF POPULATION.

TABLE III.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR CITIES OF 10,000 TO 25,000.

| SUBJECT.   | TOTAL, CITIES NAMED. | Cumber-land. | Fred-erick. | Hagers-town. | SUBJECT.                                      | TOTAL, CITIES NAMED. | Cumber-land. | Fred-erick. | Hagers-town. |
|--|----------------------|--------------|-------------|--------------|---|----------------------|--------------|-------------|--------------|
| <b>COLOR AND NATIVITY</b>                          |                      |              |             |              | <b>MALES OF VOTING AGE</b>                    |                      |              |             |              |
| Total population, 1910.....                        | 48,757               | 21,839       | 10,411      | 16,507       | Total number.....                             | 13,806               | 6,199        | 2,823       | 4,784        |
| 1900.....  | 40,016               | 17,128       | 9,296       | 13,591       | Native white—Native parentage.....            | 10,226               | 4,133        | 2,091       | 4,002        |
| Native white—Native parentage.....                 | 38,439               | 16,135       | 8,133       | 14,171       | Native white—Foreign or mixed parentage.....  | 1,687                | 1,177        | 250         | 200          |
| Native white—Foreign or mixed parentage.....       | 5,010                | 3,538        | 602         | 870          | Foreign-born white.....                       | 819                  | 574          | 83          | 162          |
| Foreign-born white.....                            | 1,639                | 1,099        | 206         | 334          | Negro.....                                    | 1,067                | 315          | 398         | 354          |
| Negro.....   | 3,660                | 1,067        | 1,488       | 1,125        | <b>CITIZENSHIP OF FOREIGN-BORN WHITE.</b>     |                      |              |             |              |
| Indian and Chinese.....                            | 9                    | .....        | 2           | 7            | Naturalized.....                              | 421                  | 273          | 45          | 103          |
| <b>FOREIGN NATIONALITIES</b>                       |                      |              |             |              | Having first papers.....                      | 40                   | 26           | 1           | 13           |
| FOREIGN-BORN WHITE: <i>Born in—</i>                |                      |              |             |              | Alien.....                                    | 171                  | 127          | 12          | 32           |
| Austria.....                                       | 17                   | 12           | 3           | 2            | Unknown.....                                  | 187                  | 148          | 25          | 14           |
| Canada.....  | 41                   | 18           | 7           | 16           | <b>ILLITERACY</b>                             |                      |              |             |              |
| Denmark.....                                       | 9                    | 2            | 1           | 6            | Total number 10 years old and over.....       | 39,170               | 17,275       | 8,471       | 13,424       |
| England.....                                       | 167                  | 113          | 19          | 35           | Number illiterate.....                        | 1,422                | 630          | 443         | 349          |
| France.....  | 7                    | 4            | 1           | 2            | Native white 10 years old and over.....       | 34,693               | 15,352       | 7,101       | 12,140       |
| Germany.....                                       | 625                  | 436          | 110         | 79           | Number illiterate.....                        | 599                  | 290          | 97          | 212          |
| Greece.....  | 48                   | 27           | 5           | 16           | Foreign-born white 10 years old and over..... | 1,002                | 1,079        | 199         | 324          |
| Ireland.....                                       | 158                  | 120          | 14          | 24           | Number illiterate.....                        | 225                  | 174          | 20          | 31           |
| Italy.....   | 158                  | 124          | 14          | 20           | Negro 10 years old and over.....              | 2,966                | 844          | 1,169       | 953          |
| Russia.....  | 203                  | 73           | 24          | 106          | Number illiterate.....                        | 596                  | 166          | 326         | 104          |
| Scotland.....                                      | 97                   | 86           | 3           | 8            | Illiterate males of voting age.....           |                      |              |             |              |
| Sweden.....  | 12                   | 1            | .....       | 1            | 516   | 246                  | 159          | 111         |              |
| Switzerland.....                                   | 9                    | 7            | 1           | 1            | <b>SCHOOL AGE AND ATTENDANCE</b>              |                      |              |             |              |
| Turkey.....  | 10                   | 6            | 1           | 3            | Total number 6 to 20 years, inclusive.....    | 13,833               | 6,319        | 2,976       | 4,538        |
| Wales.....   | 41                   | 33           | .....       | 8            | Number attending school.....                  | 7,788                | 3,519        | 1,744       | 2,475        |
| Other foreign countries.....                       | 37                   | 27           | 3           | 7            | PERSONS 6 TO 14 YEARS, INCLUSIVE.             |                      |              |             |              |
| NATIVE WHITE: <i>Both parents born in—</i>         |                      |              |             |              | Total number.....                             | 8,301                | 3,881        | 1,813       | 2,607        |
| England.....                                       | 121                  | 87           | 14          | 20           | Number attending school.....                  | 6,548                | 3,034        | 1,432       | 2,082        |
| Germany.....                                       | 1,639                | 1,140        | 272         | 227          | Native white—Native parentage.....            | 7,015                | 3,236        | 1,493       | 2,286        |
| Ireland.....                                       | 490                  | 408          | 30          | 55           | Number attending school.....                  | 5,695                | 2,548        | 1,213       | 1,834        |
| Italy.....   | 45                   | 20           | 11          | 14           | Native white—Foreign or mixed parentage.....  | 692                  | 410          | 39          | 143          |
| Russia.....  | 160                  | 45           | 13          | 102          | Number attending school.....                  | 487                  | 334          | 35          | 118          |
| Scotland.....                                      | 102                  | 96           | 4           | 2            | Foreign-born white.....                       | 40                   | 21           | 8           | 11           |
| Sweden.....  | 7                    | .....        | .....       | .....        | Number attending school.....                  | 26                   | 11           | 8           | 7            |
| Wales.....   | 19                   | 19           | .....       | .....        | Negro.....                                    | 654                  | 214          | 273         | 167          |
| All others of foreign parentage <sup>1</sup> ..... | 259                  | 183          | 21          | 55           | Number attending school.....                  | 440                  | 141          | 176         | 123          |
| <b>SEX</b>   |                      |              |             |              | <b>DWELLINGS AND FAMILIES</b>                 |                      |              |             |              |
| Total..... Male.....                               | 23,443               | 10,623       | 4,866       | 7,964        | Dwellings, number.....                        | 10,450               | 4,442        | 2,394       | 3,614        |
| Female.....  | 25,314               | 11,216       | 5,555       | 8,543        | Families, number.....                         | 11,028               | 4,649        | 2,491       | 3,888        |
| White..... Male.....                               | 21,688               | 10,107       | 4,162       | 7,419        |   |                      |              |             |              |
| Female.....  | 23,400               | 10,665       | 4,779       | 7,966        |   |                      |              |             |              |
| Negro..... Male.....                               | 1,746                | 516          | 692         | 588          |   |                      |              |             |              |
| Female.....  | 1,914                | 551          | 776         | 587          |   |                      |              |             |              |

<sup>1</sup> Native whites having both parents born in countries other than specified, and also those having both parents of foreign birth but born in different countries.

TABLE IV.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR PLACES OF 2,500 TO 10,000.

| SUBJECT.                                      | TOTAL, PLACES NAMED. | Annap-olis. | Brunsw-ick. | Cam-bridge. | Chester-town. | Cris-field. | Easton. | Frost-burg. | Havre de Grace. | Salis-bury. | West-ernport. | West-minster. |
|---|----------------------|-------------|-------------|-------------|---------------|-------------|---------|-------------|-----------------|-------------|---------------|---------------|
| <b>SEX, COLOR, AND NATIVITY</b>               |                      |             |             |             |               |             |         |             |                 |             |               |               |
| Total population, 1910.....                   | 50,950               | 8,609       | 3,721       | 6,407       | 2,735         | 3,488       | 3,083   | 6,028       | 4,212           | 6,690       | 2,702         | 3,295         |
| 1900.....                                     | 44,161               | 8,525       | 2,471       | 5,747       | 3,008         | 3,165       | 3,074   | 5,274       | 3,423           | 4,277       | 1,998         | 3,199         |
| Male.....                                     | 25,031               | 4,308       | 1,959       | 3,110       | 1,291         | 1,745       | 1,391   | 2,926       | 2,208           | 3,232       | 1,349         | 1,512         |
| Female.....                                   | 25,919               | 4,301       | 1,762       | 3,297       | 1,444         | 1,723       | 1,692   | 3,102       | 2,004           | 3,458       | 1,353         | 1,783         |
| Native white—Native parentage.....            | 33,868               | 4,100       | 3,321       | 4,220       | 1,677         | 2,529       | 2,069   | 3,203       | 2,741           | 5,132       | 2,054         | 2,762         |
| Native white—Foreign or mixed parentage.....  | 4,323                | 791         | 160         | 113         | 38            | 44          | 78      | 2,005       | 448             | 80          | 432           | 144           |
| Foreign-born white.....                       | 1,916                | 457         | 58          | 73          | 32            | 24          | 62      | 582         | 343             | 74          | 158           | 53            |
| Negro.....                                    | 10,821               | 3,184       | 192         | 2,000       | 988           | 870         | 872     | 237         | 680             | 1,404       | 58            | 336           |
| Chinese and Japanese.....                     | 22                   | 17          | .....       | 1           | .....         | 1           | 2       | 1           | .....           | .....       | .....         | .....         |
| <b>MALES OF VOTING AGE</b>                    |                      |             |             |             |               |             |         |             |                 |             |               |               |
| Total number.....                             | 14,727               | 2,688       | 984         | 1,884       | 828           | 985         | 893     | 1,544       | 1,386           | 1,941       | 693           | 901           |
| Native white—Native parentage.....            | 9,264                | 1,299       | 853         | 1,224       | 510           | 711         | 600     | 562         | 794             | 1,505       | 483           | 723           |
| Native white—Foreign or mixed parentage.....  | 1,381                | 265         | 52          | 25          | 8             | 10          | 27      | 636         | 160             | 19          | 121           | 58            |
| Foreign-born white.....                       | 1,052                | 243         | 37          | 49          | 15            | 13          | 33      | 282         | 233             | 39          | 76            | 27            |
| Naturalized.....                              | 556                  | 142         | 7           | 36          | 8             | 9           | 15      | 214         | 56              | 10          | 46            | 13            |
| Negro.....                                    | 3,013                | 863         | 42          | 585         | 295           | 250         | 232     | 63          | 199             | 378         | 13            | 93            |
| <b>ILLITERACY</b>                             |                      |             |             |             |               |             |         |             |                 |             |               |               |
| Total number 10 years old and over.....       | 40,848               | 7,038       | 2,761       | 5,263       | 2,298         | 2,729       | 2,596   | 4,588       | 3,462           | 5,382       | 2,031         | 2,700         |
| Number illiterate.....                        | 3,619                | 748         | 101         | 580         | 311           | 385         | 409     | 171         | 133             | 683         | 35            | 63            |
| Native white 10 years old and over.....       | 30,184               | 4,038       | 2,563       | 3,498       | 1,451         | 2,032       | 1,794   | 3,829       | 2,571           | 4,196       | 1,838         | 2,374         |
| Number illiterate.....                        | 1,003                | 65          | 71          | 123         | 47            | 150         | 83      | 79          | 29              | 323         | 11            | 22            |
| Foreign-born white 10 years old and over..... | 1,884                | 450         | 68          | 70          | 30            | 24          | 62      | 572         | 339             | 73          | 154           | 52            |
| Number illiterate.....                        | 196                  | 58          | 7           | 6           | 3             | 3           | 2       | 64          | 15              | 11          | 23            | 4             |
| Negro 10 years old and over.....              | 8,758                | 2,533       | 140         | 1,694       | 817           | 672         | 738     | 186         | 552             | 1,113       | 39            | 274           |
| Number illiterate.....                        | 2,407                | 613         | 23          | 451         | 261           | 231         | 324     | 28          | 39              | 340         | 1             | 37            |
| Illiterate males of voting age.....           | 1,448                | 303         | 36          | 226         | 139           | 159         | 156     | 48          | 45              | 288         | 20            | 23            |
| <b>SCHOOL AGE AND ATTENDANCE</b>              |                      |             |             |             |               |             |         |             |                 |             |               |               |
| Total number 6 to 20 years, inclusive.....    | 14,850               | 2,300       | 1,215       | 1,881       | 728           | 1,153       | 799     | 1,958       | 1,180           | 1,812       | 891           | 933           |
| Number attending school.....                  | 9,038                | 1,326       | 764         | 1,159       | 471           | 653         | 516     | 1,244       | 705             | 1,032       | 532           | 636           |
| PERSONS 6 TO 14 YEARS, INCLUSIVE.             |                      |             |             |             |               |             |         |             |                 |             |               |               |
| Native white, number.....                     | 6,813                | 765         | 724         | 733         | 251           | 501         | 320     | 1,130       | 581             | 785         | 534           | 480           |
| Number attending school.....                  | 5,868                | 643         | 617         | 652         | 230           | 410         | 287     | 987         | 497             | 670         | 447           | 423           |
| Foreign-born white, number.....               | 54                   | 8           | .....       | 5           | 2             | .....       | 1       | 14          | 10              | 2           | 9             | 3             |
| Number attending school.....                  | 39                   | 3           | .....       | 4           | .....         | .....       | 1       | 12          | 8               | 1           | 5             | 3             |
| Negro, number.....                            | 1,916                | 524         | 45          | 348         | 152           | 191         | 149     | 54          | 119             | 250         | 17            | 67            |
| Number attending school.....                  | 1,434                | 364         | 26          | 288         | 117           | 137         | 118     | 43          | 82              | 189         | 12            | 53            |
| <b>DWELLINGS AND FAMILIES</b>                 |                      |             |             |             |               |             |         |             |                 |             |               |               |
| Dwellings, number.....                        | 11,217               | 1,797       | 711         | 1,553       | 699           | 727         | 750     | 1,233       | 985             | 1,499       | 553           | 754           |
| Families, number.....                         | 11,728               | 1,915       | 751         | 1,591       | 727           | 784         | 781     | 1,278       | 977             | 1,574       | 564           | 786           |

TABLE V.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION FOR WARDS OF BALTIMORE.

| SUBJECT.                                     | THE CITY. | WARD.  |        |        |        |        |        |        |        |        |        |        |
|--|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|  |           | 1      | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     |
| <b>SEX, COLOR, AND NATIVITY</b>              |           |        |        |        |        |        |        |        |        |        |        |        |
| Total population, 1910.....                  | 558,485   | 22,841 | 22,887 | 22,317 | 16,834 | 20,319 | 28,073 | 26,579 | 32,161 | 22,953 | 21,431 | 20,570 |
| Male.....                                    | 208,195   | 11,325 | 11,732 | 11,636 | 8,540  | 10,117 | 13,684 | 12,972 | 15,570 | 10,892 | 10,787 | 8,439  |
| Female.....                                  | 290,290   | 11,516 | 11,155 | 10,681 | 8,288  | 10,202 | 14,389 | 13,607 | 16,591 | 12,061 | 10,644 | 12,131 |
| Native white—Native parentage.....           | 261,474   | 10,110 | 5,090  | 1,920  | 5,021  | 2,488  | 12,167 | 11,075 | 10,273 | 14,799 | 8,963  | 9,805  |
| Native white—Foreign or mixed parentage..... | 134,870   | 8,004  | 9,662  | 7,816  | 3,945  | 5,510  | 8,658  | 8,417  | 8,707  | 5,422  | 6,311  | 2,426  |
| Foreign-born white.....                      | 77,043    | 3,941  | 6,873  | 10,662 | 3,047  | 6,959  | 4,396  | 4,301  | 2,655  | 1,625  | 2,989  | 1,655  |
| Negro.....                                   | 84,749    | 180    | 364    | 1,624  | 4,119  | 5,350  | 2,830  | 2,768  | 1,156  | 1,095  | 3,160  | 6,673  |
| Indian, Chinese, and Japanese.....           | 349       | 6      | 8      | 5      | 102    | 12     | 13     | 18     | 10     | 12     | 8      | 11     |
| <b>FOREIGN-BORN WHITE: Born in—</b>          |           |        |        |        |        |        |        |        |        |        |        |        |
| Austria.....                                 | 0,538     | 511    | 1,072  | 542    | 115    | 146    | 606    | 2,145  | 273    | 25     | 64     | 55     |
| Canada.....                                  | 770       | 15     | 11     | 10     | 63     | 14     | 17     | 45     | 32     | 27     | 20     | 83     |
| England.....                                 | 2,690     | 57     | 60     | 161    | 106    | 163    | 96     | 79     | 171    | 133    | 113    | 168    |
| France.....                                  | 355       | 5      | 7      | 17     | 16     | 8      | 11     | 6      | 14     | 10     | 33     | 59     |
| Germany.....                                 | 20,021    | 2,451  | 3,029  | 709    | 689    | 406    | 1,586  | 1,392  | 1,870  | 780    | 854    | 338    |
| Greece.....                                  | 347       | 19     | 74     | 9      | 62     | 37     | 8      | 9      | 3      | .....  | 22     | 4      |
| Hungary.....                                 | 1,358     | 66     | 19     | 29     | 39     | 43     | 30     | 79     | 11     | 4      | 14     | 14     |
| Ireland.....                                 | 0,806     | 225    | 183    | 109    | 189    | 129    | 159    | 96     | 293    | 566    | 999    | 578    |
| Italy.....                                   | 5,043     | 30     | 69     | 1,581  | 506    | 950    | 95     | 115    | 66     | 21     | 179    | 43     |
| Norway.....                                  | 199       | 30     | 20     | 4      | 5      | 1      | 34     | 15     | 2      | 2      | 3      | 9      |
| Roumania.....                                | 210       | 4      | 4      | 82     | 1      | 44     | 28     | 1      | .....  | 1      | 10     | .....  |
| Russia.....                                  | 24,798    | 449    | 2,266  | 7,598  | 1,759  | 4,952  | 1,040  | 250    | 100    | 30     | 611    | 181    |
| Scotland.....                                | 518       | 12     | 10     | 4      | 20     | 10     | 20     | 13     | 46     | 34     | 20     | 36     |
| Sweden.....                                  | 237       | 22     | 31     | 11     | 10     | 3      | 16     | 6      | 12     | 5      | 6      | 15     |
| Switzerland.....                             | 228       | 7      | 4      | 2      | 19     | 10     | 9      | 8      | 19     | 14     | 9      | 14     |
| Other foreign countries.....                 | 919       | 48     | 48     | 94     | 48     | 28     | 44     | 42     | 43     | 33     | 32     | 58     |
| <b>MALES OF VOTING AGE</b>                   |           |        |        |        |        |        |        |        |        |        |        |        |
| Total number.....                            | 163,554   | 6,131  | 6,387  | 6,307  | 5,837  | 5,859  | 7,949  | 7,545  | 9,073  | 6,508  | 7,086  | 6,086  |
| Native white—Native parentage.....           | 68,492    | 2,200  | 1,410  | 549    | 1,878  | 702    | 2,884  | 2,718  | 4,702  | 3,073  | 2,411  | 2,933  |
| Native white—Foreign or mixed parentage..... | 34,895    | 2,081  | 1,661  | 668    | 883    | 674    | 2,289  | 2,011  | 2,672  | 1,821  | 1,899  | 668    |
| Foreign-born white.....                      | 38,638    | 1,798  | 3,176  | 4,428  | 1,713  | 2,085  | 1,855  | 1,936  | 1,350  | 726    | 1,306  | 549    |
| Naturalized.....                             | 16,643    | 897    | 1,064  | 1,330  | 713    | 896    | 1,102  | 1,168  | 928    | 673    | 769    | 282    |
| Negro.....                                   | 26,214    | 46     | 136    | 607    | 1,266  | 1,780  | 908    | 865    | 339    | 279    | 1,442  | 1,905  |
| <b>ILLITERACY AND SCHOOL ATTENDANCE</b>      |           |        |        |        |        |        |        |        |        |        |        |        |
| Total number 10 years old and over.....      | 456,882   | 17,720 | 17,480 | 16,581 | 14,308 | 15,935 | 22,490 | 21,241 | 25,820 | 18,838 | 18,086 | 18,621 |
| Number illiterate.....                       | 20,325    | 461    | 1,550  | 2,577  | 1,365  | 1,890  | 539    | 492    | 310    | 228    | 658    | 579    |
| Illiterate males of voting age.....          | 7,701     | 161    | 643    | 1,019  | 551    | 664    | 163    | 162    | 102    | 66     | 359    | 142    |
| Total number 6 to 20 years, inclusive.....   | 153,586   | 7,408  | 7,353  | 7,162  | 3,899  | 6,086  | 8,167  | 7,788  | 9,255  | 6,328  | 5,785  | 4,070  |
| Number attending school.....                 | 79,933    | 3,549  | 3,305  | 3,930  | 2,047  | 3,317  | 4,100  | 3,927  | 4,802  | 3,723  | 2,876  | 2,220  |
| <b>DWELLINGS AND FAMILIES</b>                |           |        |        |        |        |        |        |        |        |        |        |        |
| Dwellings, number.....                       | 101,905   | 4,075  | 3,058  | 2,742  | 2,663  | 3,192  | 5,500  | 5,179  | 6,851  | 4,554  | 3,455  | 3,426  |
| Families, number.....                        | 118,851   | 4,811  | 4,838  | 4,512  | 3,674  | 4,305  | 6,119  | 5,073  | 7,215  | 4,846  | 3,984  | 4,204  |

| SUBJECT.                                     | WARD.  |        |        |        |        |        |        |        |        |        |        |        |        |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|  | 12     | 13     | 14     | 15     | 16     | 17     | 18     | 19     | 20     | 21     | 22     | 23     | 24     |
| <b>SEX, COLOR, AND NATIVITY</b>              |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Total population, 1910.....                  | 27,610 | 25,559 | 22,130 | 30,079 | 25,564 | 20,718 | 20,047 | 22,882 | 27,751 | 20,280 | 17,609 | 13,168 | 23,143 |
| Male.....                                    | 12,210 | 11,769 | 9,539  | 13,935 | 11,636 | 9,697  | 9,461  | 10,712 | 13,472 | 10,196 | 8,004  | 9,095  | 11,599 |
| Female.....                                  | 15,400 | 13,790 | 12,591 | 16,144 | 13,928 | 11,021 | 10,586 | 12,170 | 14,279 | 10,084 | 8,705  | 9,073  | 11,544 |
| Native white—Native parentage.....           | 18,107 | 19,032 | 7,815  | 16,569 | 15,769 | 4,452  | 6,206  | 13,769 | 15,277 | 10,519 | 5,851  | 9,769  | 13,748 |
| Native white—Foreign or mixed parentage..... | 3,569  | 4,304  | 4,102  | 5,139  | 3,778  | 2,320  | 4,373  | 4,457  | 3,120  | 4,951  | 3,864  | 4,370  | 5,973  |
| Foreign-born white.....                      | 1,394  | 1,010  | 1,804  | 1,882  | 1,154  | 1,187  | 1,001  | 2,004  | 3,607  | 2,037  | 2,927  | 1,696  | 3,397  |
| Negro.....                                   | 4,523  | 604    | 8,362  | 6,473  | 4,852  | 12,738 | 4,498  | 2,652  | 643    | 2,744  | 4,968  | 2,327  | 11     |
| Indian, Chinese, and Japanese.....           | 17     | 9      | 17     | 16     | 11     | 15     | 9      | 10     | 8      | 9      | 9      | 6      | 8      |
| <b>FOREIGN-BORN WHITE: Born in—</b>          |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Austria.....                                 | 22     | 126    | 117    | 49     | 18     | 32     | 37     | 59     | 58     | 63     | 57     | 47     | 299    |
| Canada.....                                  | 93     | 40     | 57     | 50     | 45     | 29     | 20     | 15     | 36     | 5      | 4      | 11     | 28     |
| England.....                                 | 165    | 127    | 63     | 162    | 134    | 53     | 80     | 104    | 134    | 67     | 62     | 61     | 151    |
| France.....                                  | 13     | 9      | 10     | 22     | 11     | 26     | 3      | 10     | 22     | 13     | 8      | 10     | 12     |
| Germany.....                                 | 308    | 763    | 736    | 871    | 523    | 355    | 675    | 919    | 2,340  | 1,227  | 607    | 1,045  | 1,537  |
| Greece.....                                  | 3      | 15     | 12     | 4      | 7      | 9      | 0      | .....  | 7      | 3      | 10     | 8      | 16     |
| Hungary.....                                 | 9      | 30     | 26     | 13     | 4      | 2      | 37     | 270    | 124    | 94     | 11     | 19     | 351    |
| Ireland.....                                 | 385    | 151    | 241    | 226    | 180    | 141    | 455    | 306    | 251    | 235    | 151    | 153    | 403    |
| Italy.....                                   | 197    | 4      | 64     | 134    | 31     | 126    | 55     | 25     | 32     | 30     | 393    | 104    | 115    |
| Norway.....                                  | 12     | 7      | 3      | 8      | 4      | .....  | 2      | 8      | .....  | 2      | 3      | 2      | 17     |
| Roumania.....                                | .....  | 8      | 5      | 3      | 1      | .....  | 3      | 1      | 2      | 8      | 8      | 1      | 1      |
| Russia.....                                  | 50     | 272    | 417    | 233    | 124    | 387    | 538    | 177    | 595    | 235    | 1,520  | 125    | 320    |
| Scotland.....                                | 73     | 19     | 14     | 45     | 25     | 0      | 13     | 8      | 21     | 13     | 19     | 6      | 22     |
| Sweden.....                                  | 7      | 3      | 10     | 10     | 9      | 1      | 15     | 3      | 0      | 1      | 5      | 8      | 22     |
| Switzerland.....                             | 6      | 3      | 6      | 10     | 8      | 3      | 4      | 8      | 14     | 17     | 13     | 7      | 14     |
| Other foreign countries.....                 | 51     | 33     | 23     | 42     | 22     | 17     | 18     | 31     | 40     | 15     | 17     | 24     | 59     |
| <b>MALES OF VOTING AGE</b>                   |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Total number.....                            | 7,900  | 7,146  | 6,450  | 8,660  | 7,536  | 6,706  | 6,219  | 6,794  | 7,602  | 6,918  | 5,774  | 5,412  | 6,761  |
| Native white—Native parentage.....           | 5,007  | 4,932  | 2,049  | 4,415  | 4,468  | 1,366  | 2,558  | 3,711  | 3,597  | 2,508  | 1,740  | 2,413  | 3,632  |
| Native white—Foreign or mixed parentage..... | 1,082  | 1,436  | 1,259  | 1,619  | 1,173  | 725    | 1,320  | 1,331  | 2,213  | 1,597  | 902    | 1,406  | 1,531  |
| Foreign-born white.....                      | 653    | 603    | 609    | 879    | 501    | 549    | 806    | 610    | 1,652  | 935    | 1,389  | 797    | 1,684  |
| Naturalized.....                             | 343    | 488    | 479    | 556    | 331    | 301    | 548    | 490    | 1,024  | 497    | 588    | 600    | 767    |
| Negro.....                                   | 1,144  | 106    | 2,432  | 1,735  | 1,380  | 4,054  | 1,437  | 753    | 132    | 809    | 1,735  | 792    | 6      |
| <b>ILLITERACY AND SCHOOL ATTENDANCE</b>      |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Total number 10 years old and over.....      | 23,585 | 21,223 | 19,281 | 24,720 | 21,739 | 17,911 | 17,048 | 19,152 | 21,046 | 16,210 | 14,483 | 14,626 | 17,832 |
| Number illiterate.....                       | 689    | 943    | 979    | 831    | 835    | 1,225  | 702    | 644    | 225    | 649    | 1,378  | 788    | 678    |
| Illiterate males of voting age.....          | 279    | 110    | 219    | 320    | 300    | 382    | 283    | 236    | 58     | 247    | 577    | 309    | 319    |
| Total number 6 to 20 years, inclusive.....   | 6,936  | 7,105  | 5,027  | 7,964  | 6,220  | 4,086  | 4,868  | 6,038  | 8,382  | 6,180  | 4,555  | 5,334  | 7,004  |
| Number attending school.....                 | 3,781  | 3,948  | 2,818  | 4,571  | 3,398  | 2,544  | 2,490  | 2,804  | 4,272  | 2,805  | 2,226  | 2,767  | 3,493  |
| <b>DWELLINGS AND FAMILIES</b>                |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Dwellings, number.....                       | 5,166  | 5,028  | 3,818  | 6,079  | 5,075  | 3,754  | 3,704  | 4,300  | 5,571  | 4,001  | 3,026  | 3,396  | 4,196  |
| Families, number.....                        | 6,888  | 5,324  | 4,597  | 6,547  | 5,767  | 4,641  | 4,445  | 4,851  | 5,820  | 4,351  | 3,760  | 3,996  | 4,674  |

## CHAPTER 3.

### STATISTICS OF AGRICULTURE FOR THE STATE AND ITS COUNTIES.

**Introduction.**—This chapter presents a complete statement of the statistics of agriculture for Maryland collected at the census of 1910. Statistics of farms and farm property relate to April 15, 1910; those of farm products, expenses, and receipts are for the calendar year 1909.

**Definitions.**—To assist in securing comparability for its statistics of agriculture, the Bureau of the Census provided the enumerators with certain definitions and instructions, the more important of which were essentially as given below.

**Farm.**—A "farm" for census purposes is all the land which is directly farmed by one person managing and conducting agricultural operations, either by his own labor alone or with the assistance of members of his household or hired employees. The term "agricultural operations" is used as a general term referring to the work of growing crops, producing other agricultural products, and raising animals, fowls, and bees. A "farm" as thus defined may consist of a single tract of land, or of a number of separate and distinct tracts, and these several tracts may be held under different tenures, as where one tract is owned by the farmer and another tract is hired by him. Further, when a landowner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a "farm."

In applying the foregoing definition of a "farm" for census purposes, enumerators were instructed to report as a "farm" any tract of 3 or more acres used for agricultural purposes, and also any tract containing less than 3 acres which produced at least \$250 worth of farm products in the year 1909.

**Farmer.**—A "farmer" or "farm operator," according to the census definition, is a person who directs the operations of a farm. Hence owners of farms who do not themselves direct the farm operations are not reported as "farmers." Farmers are divided by the Bureau of the Census into three general classes according to the character of their tenure, namely, owners, tenants, and managers.

*Farm owners* include (1) farmers operating their own land only, and (2) those operating both their own land and some land hired from others. The latter are sometimes referred to in the census reports as "part owners," the term "owners" being then restricted to those owning all their land.

*Farm tenants* are farmers who, as tenants, renters, or croppers, operate hired land only. They were reported in 1910 in three classes: (1) *Share tenants*—those who pay a certain share of the products, as one-half, one-third, or one-quarter; (2) *share-cash tenants*—those who pay a share of the products for part of the land rented by them and cash for part; and (3) *cash tenants*—those who pay a cash rental or a stated amount of labor or products, such as \$7, 10 bushels of wheat, or 100 pounds of seed cotton per acre.

*Managers* are farmers who are conducting farm operations for the owner for wages or a salary.

**Farm land.**—Farm land is divided into (1) improved land, (2) woodland, and (3) all other unimproved land. The same classification was followed in 1880. At former censuses, except that of 1880, farm land was divided into improved land and unimproved

land, woodland being included with unimproved land. *Improved land* includes all land regularly tilled or mowed, land pastured and cropped in rotation, land lying fallow, land in gardens, orchards, vineyards, and nurseries, and land occupied by farm buildings. *Woodland* includes all land covered with natural or planted forest trees, which produce, or later may produce, firewood or other forest products. *All other unimproved land* includes brush land, rough or stony land, swamp land, and any other land which is not improved or in forest. The census classification of farm land as "improved land," "woodland," and "other unimproved land" is one not always easy for the farmers or enumerators to make, and the statistics therefore must be considered at best only a close approximation.

**Total value of farm products.**—No attempt has been made at this census to compute or even to estimate approximately the total value of farm products. Among the numerous difficulties which stand in the way of obtaining a total which would be at once comprehensive, free from duplication, and confined exclusively to the products of a definite period of time are the following:

(1) The duplication resulting from the feeding of farm crops to farm live stock, when the value both of the products derived from such live stock and of the crops are included in the same total. In 1900 an attempt was made to eliminate this duplication by means of an inquiry as to the total value of the products of each farm fed to the live stock on that farm, but, aside from the fact that this would not eliminate the duplication where the products of one farm are fed to the live stock of another farm, it is believed that the farmers were unable to make even approximately accurate answers to the inquiry, and it was accordingly not included in the schedule for 1910.

(2) The fact that farmers may buy domestic animals during the census year, which are subsequently sold or slaughtered during the same year, and that it is impossible to eliminate the duplication accurately; and the further fact that the value of domestic animals sold or slaughtered, or of forest products cut, during a given year (as well as some other minor items) does not usually represent a value created wholly during that year, and that it is quite impossible to ascertain the value created during the year.

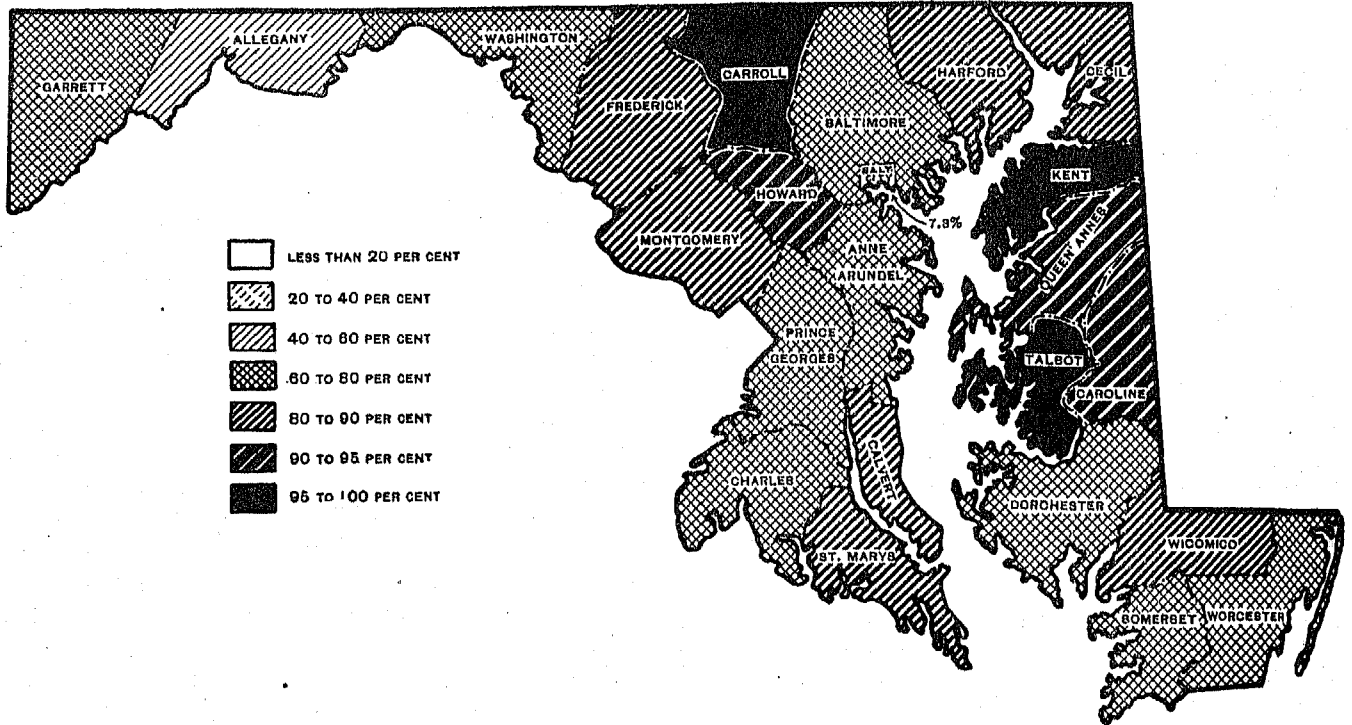
(3) The fact that the returns for some products are incomplete. The returns for all products are to a considerable extent estimates made by the farmers. Special difficulty was encountered in cases where the person in possession of the farm in April, 1910, when the census was taken, was not in possession of it during the crop year 1909. In such cases the farmer was not always able to report completely and accurately the products of the land for the preceding year. It is probable that the returns for the principal crops are in general fairly accurate, but that those for minor crops and for dairy and poultry products are frequently understatements, particularly because the home consumption was disregarded or underestimated. In the belief that no accurate result could be obtained from such an inquiry, the Bureau of the Census did not even attempt to ascertain the total quantity and value of certain by-products, such as straw and cornstalks, which are of considerable importance, the schedule calling only for the value of such by-products sold.

# PER CENT OF LAND AREA IN FARMS, AND AVERAGE VALUE OF FARM LAND PER ACRE, IN MARYLAND, BY COUNTIES: 1910.

## PER CENT OF LAND AREA IN FARMS.

[Per cent for the state, 79.5.]

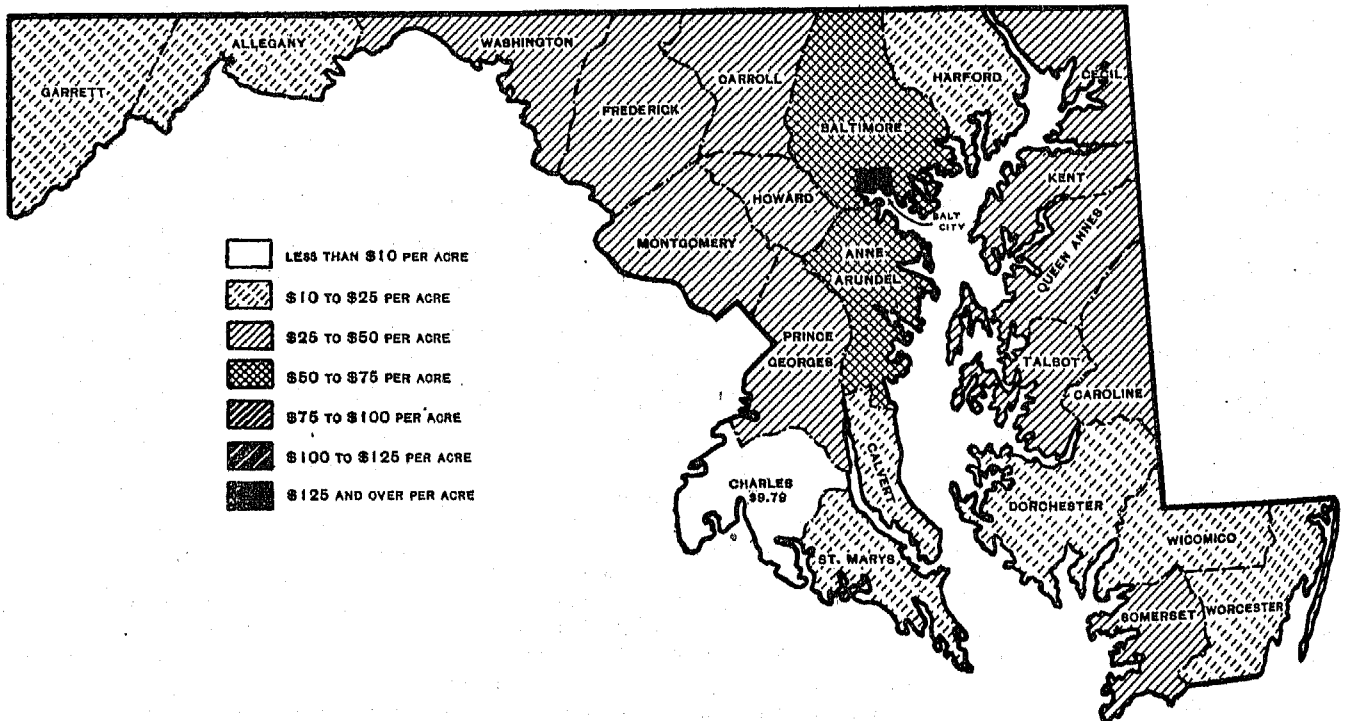
The per cent of land area in farms, when less than 20, is inserted under the county name.



## AVERAGE VALUE OF FARM LAND PER ACRE.

[Average for the state, \$32.32.]

When the value is less than \$10 per acre, it is inserted under the county name.





FARMS AND FARM PROPERTY.

Maryland ranks forty-first in land area and twenty-seventh in population among the states of continental United States. Its wide range of soil and climatic conditions adapts it to a great variety of agricultural products. All of that portion east of Chesapeake Bay is known as the Eastern Shore and that portion immediately west of the bay is known as southern Maryland. Both portions lie in the Coastal Plain region, which includes three-fifths of the entire state.

The soils in the upland portions of the southern counties on the Eastern Shore are prevalently sandy loams adapted to general farm crops, vegetables, and tree fruits, but there are extensive areas of poorly drained, silty soils in the lower lands. Just north of these soils and bordering the Piedmont region are extensive areas of heavy plastic clay, little used for farming, interspersed with coarse sand, adapted only to special crops. The level or slightly rolling clays, loams, and silt loams of the northern counties are better drained and especially adapted to cereals, grasses, fruits, and vegetables.

Between the Coastal Plain region and the foot of the Appalachians lies the hilly, well-drained Piedmont Plateau region, with soils ranging from soft loams to heavy clays, and especially adapted to grass, wheat, corn, and tomatoes. The Appalachian region, still farther west, consists of limestone and other valleys, with great variety in fertility and crop adaptation,

separated by extensive mountain areas, most of which are forested.

The two maps on the opposite page show by counties the proportion of the total land area which is in farms and the average value of farm land per acre. Of the state's entire land area, about four-fifths is in farms.

The first map shows that four counties on the Eastern Shore and two counties in the north central part of the state show a high proportion of farm land. The lowest proportion of farm land is shown by counties in the northwestern part of the state, by a string of four counties in the central part of the state, and by three counties in the southeastern part. Allegany County has a smaller proportion of farm land than any other county in the state except Baltimore City.

The average value of farm land per acre for the whole state is \$32.32. The second map shows that in half the counties the average value of land, excluding buildings, is between \$25 and \$50 per acre, while in eight counties it falls between \$10 and \$25. In Baltimore City, Baltimore, and Anne Arundel Counties the average value of farm land exceeds \$50 per acre.

Progress during the decade 1900 to 1910.—The following table summarizes for the state the more significant facts relating to population and land area, the number, value, and acreage of farms, and the value of all other farm property in 1910 and 1900:

| NUMBER, AREA, AND VALUE OF FARMS.              | 1910<br>(April 15) | 1900<br>(June 1) | INCREASE. <sup>1</sup> |           |
|--|--------------------|------------------|------------------------|-----------|
|  |                    |                  | Amount.                | Per cent. |
| Population.....                                | 1,295,346          | 1,188,044        | 107,302                | 9.0       |
| Number of all farms.....                       | 48,923             | 46,012           | 2,911                  | 6.3       |
| Approximate land area of the state.....acres.. | 6,362,240          | 6,362,240        | .....                  | .....     |
| Land in farms.....acres..                      | 5,057,140          | 5,170,075        | -112,935               | -2.2      |
| Improved land in farms.....acres..             | 3,354,767          | 3,516,352        | -161,585               | -4.6      |
| Average acres per farm.....                    | 103.4              | 112.4            | -9.0                   | -8.0      |
| Value of farm property:                        |                    |                  |                        |           |
| Total.....                                     | \$236,167,028      | \$204,645,407    | \$81,521,621           | 39.8      |
| Land.....                                      | 163,451,614        | 120,367,550      | 43,084,064             | 35.8      |
| Buildings.....                                 | 78,285,509         | 54,810,760       | 23,474,749             | 42.8      |
| Implements and machinery.....                  | 11,859,771         | 8,611,220        | 3,248,551              | 37.7      |
| Domestic animals, poultry, and bees.....       | 32,570,134         | 20,855,877       | 11,714,257             | 56.2      |
| Average value of all property per farm.....    | \$5,849            | \$4,448          | \$1,401                | 31.5      |
| Average value of land per acre.....            | \$32.32            | \$23.28          | \$9.04                 | 38.8      |

<sup>1</sup> A minus sign (—) denotes decrease.

Between 1900 and 1910 there was an increase of 107,302, or 9 per cent, in the population of the state and of 2,911, or 6.3 per cent, in the number of farms; while there was a decrease of 112,935 acres, or 2.2 per cent, in the acreage of farm land, and of 161,585, or 4.6

per cent, in the acreage of improved land. As a result of some of these changes, the average farm decreased from 112.4 to 103.4 acres in size.

Farm property, which includes land, buildings, implements and machinery, and live stock (domestic

animals, poultry, and bees), has increased in value \$81,522,000, or 39.8 per cent. This increase is chiefly made up of increases of \$43,084,000, or 35.8 per cent, in the value of land, and of \$23,475,000, or 42.8 per cent, in the value of buildings. There is also an increase of \$14,963,000 in the value of farm equipment, including implements and machinery and live stock, of which nearly four-fifths represent a gain in the value of live stock and the remainder the increase in the value of implements and machinery. In considering the increase of values in agriculture the general increase in the prices of all commodities in the last 10 years should be borne in mind.

The average value of a farm with its equipment in 1900 was \$4,448, as compared with \$5,849 in 1910. The average value of land rose from \$23.28 per acre in 1900 to \$32.32 per acre in 1910, this advance being accompanied by increases in the average value per farm of land and buildings, implements and machinery, and of live stock.

**Population, number of farms, and farm acreage: 1850 to 1910.**—The table following presents, for the state as a whole for each census from 1850 to 1910, inclusive, a statement of the total population, the number of farms, and the acreage of farm land and of improved land in farms. It also gives the percentage of the land area in farms, the percentage of farm land improved, and the percentage of increase during each decade in the number of farms and in the land in farms.

| CENSUS YEAR. | Population. | FARMS.  |                       | LAND IN FARMS. |                                    |                        | Per cent of land area in farms. | Per cent of farm land improved. |
|--------------|-------------|---------|-----------------------|----------------|------------------------------------|------------------------|---------------------------------|---------------------------------|
|              |             | Number. | Per cent of increase. | All land.      |                                    | Improved land (acres). |                                 |                                 |
|              |             |         |                       | Acres.         | Per cent of increase. <sup>1</sup> |                        |                                 |                                 |
|              |             |         |                       |                |                                    |                        |                                 |                                 |
| 1910.....    | 1,205,346   | 48,923  | 6.3                   | 5,057,140      | -2.2                               | 3,354,767              | 79.5                            | 66.3                            |
| 1900.....    | 1,188,044   | 46,012  | 12.8                  | 5,170,075      | 4.4                                | 3,616,352              | 81.3                            | 68.0                            |
| 1890.....    | 1,042,300   | 40,798  | 0.7                   | 4,952,390      | -3.3                               | 3,412,908              | 77.8                            | 68.9                            |
| 1880.....    | 934,943     | 40,517  | 50.1                  | 5,119,831      | 13.5                               | 3,342,700              | 80.5                            | 65.3                            |
| 1870.....    | 780,894     | 27,000  | 5.9                   | 4,612,579      | -6.7                               | 2,914,007              | 70.9                            | 64.6                            |
| 1860.....    | 687,049     | 25,494  | 16.6                  | 4,835,571      | 4.3                                | 3,002,267              | 70.0                            | 62.1                            |
| 1850.....    | 583,034     | 21,850  | .....                 | 4,634,360      | .....                              | 2,797,905              | 72.8                            | 60.4                            |

<sup>1</sup> A minus sign (—) denotes decrease.

In the 60 years since 1850 the population of the state has increased by 712,312, or 122.2 per cent.

There are 48,923 farms in Maryland, or 6.3 per cent more than in 1900. The number reported almost doubled between 1850 and 1880, then changed little for a decade, but again increased considerably during the past two decades. During the entire 60-year period the number of farms increased at an average rate of 451 per year. During the first half of the period the rate was 622, and during the last half, 280 per year, while during the decade just passed it was 291.

The land surface of Maryland is approximately 6,362,240 acres in extent. Of this area, 5,057,140 acres, or 79.5 per cent, are included in farms. Of the farm acreage, 3,354,767 acres, or 66.3 per cent, are reported as improved land, representing 52.7 per cent

of the total land area of the state. The total acreage of farm land decreased 2.2 per cent during the last decade. As the reported acreage of improved land shows a greater relative decrease from 1900 to 1910 than does the total acreage in farms, the percentage of farm land which is improved is now somewhat lower than in 1900.

The table given above shows also that the acreage of land in farms has fluctuated since 1850, increasing during the first decade and decreasing during the second decade of each 20-year period. The improved acreage increased almost continuously until 1900, since which time it has decreased 4.6 per cent. The percentage of farm land which was improved increased continuously and fairly regularly from 1850, when it was 60.4 per cent, to 1890, when it was 68.9 per cent, and then decreased during the last 20 years, being 66.3 per cent in 1910. This decrease probably represents a change in classification of land by many farmers who now report as "unimproved land" some acreage which they formerly called "improved."

**Values of farm property: 1850 to 1910.**—The agricultural changes in Maryland since 1850, as reflected in the values of the several classes of farm property, are shown in the table which follows:

| CENSUS YEAR.            | FARM PROPERTY. |                                    |                     |                                    |                           |                       |                                      |                       |
|-------------------------|----------------|------------------------------------|---------------------|------------------------------------|---------------------------|-----------------------|--------------------------------------|-----------------------|
|                         | Total.         |                                    | Land and buildings. |                                    | Implements and machinery. |                       | Domestic animals, poultry, and bees. |                       |
|                         | Value.         | Per cent of increase. <sup>1</sup> | Value.              | Per cent of increase. <sup>1</sup> | Value.                    | Per cent of increase. | Value.                               | Per cent of increase. |
| 1910.....               | \$286,167,028  | 39.8                               | \$241,737,123       | 38.0                               | \$11,850,771              | 37.7                  | \$32,570,134                         | 56.2                  |
| 1900.....               | 204,046,407    | 1.9                                | 175,178,310         | 0.1                                | 8,011,220                 | 31.7                  | 20,855,877                           | 8.7                   |
| 1890.....               | 200,792,900    | 7.3                                | 175,058,550         | 5.8                                | 6,540,090                 | 13.0                  | 19,194,320                           | 21.0                  |
| 1880.....               | 187,157,260    | 20.5                               | 165,593,341         | 21.4                               | 5,788,197                 | 37.3                  | 15,865,728                           | 7.6                   |
| 1870 <sup>2</sup> ..... | 155,257,046    | -5.7                               | 136,205,747         | -0.6                               | 4,214,041                 | 5.1                   | 14,745,053                           | 0.5                   |
| 1860.....               | 164,652,059    | 68.0                               | 145,073,077         | 67.4                               | 4,010,529                 | 62.3                  | 14,067,853                           | 83.4                  |
| 1850.....               | 97,639,022     | .....                              | 87,178,545          | .....                              | 2,463,443                 | .....                 | 7,997,634                            | .....                 |

<sup>1</sup> A minus sign (—) denotes decrease.

<sup>2</sup> Computed gold values, being 80 per cent of the currency values reported.

The total wealth in the form of farm property is \$286,167,000, of which 84.5 per cent is represented by land and buildings, 11.4 per cent by live stock, and 4.1 per cent by implements and machinery. During the last decade the total valuation of farm property increased by \$81,522,000, or 39.8 per cent. Each class shows a greater actual and relative increase for the last decade than for any other since 1860. From 1860 to 1870 there was a decrease in total value of farm property, followed by an increase of 20.5 per cent in the next decade, and with much smaller increases from 1880 to 1900.

**Average acreage and values per farm: 1850 to 1910.**—The changes which have taken place during the past 60 years in the average acreage of Maryland farms and in the average values of the various classes of farm property, as well as in the average value per acre of land and buildings, are shown in the next table.

| CENSUS YEAR.            | Average acres per farm. | AVERAGE VALUE PER FARM. <sup>1</sup> |                     |                           |                                      | Average value of land and buildings per acre. |
|-------------------------|-------------------------|--------------------------------------|---------------------|---------------------------|--------------------------------------|---|
|                         |                         | All farm property.                   | Land and buildings. | Implements and machinery. | Domestic animals, poultry, and bees. |   |
| 1910.....               | 103.4                   | \$5,849                              | \$4,941             | \$242                     | \$666                                | \$47.80                                       |
| 1900.....               | 112.4                   | 4,448                                | 3,807               | 187                       | 454                                  | 33.88   |
| 1890.....               | 121.4                   | 4,922                                | 4,291               | 160                       | 470                                  | 35.35   |
| 1880.....               | 126.4                   | 4,619                                | 4,085               | 143                       | 392                                  | 32.33   |
| 1870 <sup>2</sup> ..... | 107.1                   | 5,750                                | 5,048               | 156                       | 546                                  | 30.20   |
| 1860.....               | 189.7                   | 6,468                                | 5,726               | 157                       | 575                                  | 30.19   |
| 1850.....               | 212.0                   | 4,467                                | 3,988               | 113                       | 366                                  | 18.81   |

<sup>1</sup> Averages are based on "all farms" in state.  
<sup>2</sup> Computed gold values, being 80 per cent of the currency values reported.

In average size the Maryland farm has decreased continuously since 1850. It now averages only 103.4 acres, or less than half as many as 60 years ago. Most of this change, however, occurred during the first 30 years, when the decrease amounted to 85.6 acres. The decrease was 23 acres during the last 30 years.

The average value of a Maryland farm, including its equipment, is \$5,849, of which \$4,941 represents the value of land and buildings, \$666 that of live stock, and \$242 that of implements and machinery. The average value of land and buildings has increased \$13.92 per acre during the last decade. During the decade immediately preceding, however, it decreased \$1.47. With this slight exception it has continuously increased since 1850 and is now more than two and one-half times as great as at that time. The value per farm of equipment, which includes implements and machinery and live stock, is nearly twice as great as in 1850.

**Farm tenure: 1880 to 1910.**—The following table shows the distribution of the farms of the state according to character of tenure at each census since 1880:

| TENURE.                                       | 1910          | 1900          | 1890             | 1880             |
|---|---------------|---------------|------------------|------------------|
| Number of all farms.....                      | 48,923        | 46,012        | 40,798           | 40,517           |
| <b>Farms operated by owners and managers.</b> | <b>34,507</b> | <b>30,565</b> | <b>28,154</b>    | <b>27,978</b>    |
| Farms consisting of owned land only.....      | 31,120        | 28,018        | ( <sup>1</sup> ) | ( <sup>2</sup> ) |
| Farms consisting of owned and hired land..... | 2,399         | 1,495         | ( <sup>1</sup> ) | ( <sup>1</sup> ) |
| Farms operated by managers.....               | 988           | 1,052         | ( <sup>1</sup> ) | ( <sup>1</sup> ) |
| <b>Farms operated by tenants.</b>             | <b>14,416</b> | <b>15,447</b> | <b>12,644</b>    | <b>12,539</b>    |
| Share tenants.....                            | 10,118        | 11,391.       | 9,399            | 8,661            |
| Share-cash tenants.....                       | 204           |               |                  |                  |
| Cash tenants.....                             | 2,938         |               |                  |                  |
| Tenure not specified.....                     | 1,156         | 4,056         | 3,245            | 3,878            |
| <b>Per cent of farms operated by—</b>         |               |               |                  |                  |
| Owners and managers.....                      | 70.5          | 66.4          | 69.0             | 69.1             |
| Tenants.....                                  | 29.5          | 33.6          | 31.0             | 30.9             |
| Share and share-cash.....                     | 21.1          | 24.8          | 23.0             | 21.4             |
| Cash and nonspecified.....                    | 8.4           | 8.8           | 8.0              | 9.6              |

<sup>1</sup> Not reported separately.  
<sup>2</sup> Share-cash tenants were doubtless largely included with share tenants in 1900, 1890, and 1880.  
<sup>3</sup> Prior to 1910 nonspecified tenants were included with cash tenants.

While there was an increase of 2,911 in the total number of farms during the past decade, there was an increase of 3,942 in the number operated by owners and managers, and a decrease of 1,031 in the number operated by tenants.

In 1880, 30.9 per cent, and in 1890, 31 per cent, of the farms were operated by tenants. In 1900 the proportion rose to 33.6 per cent, but in the last decade it

fell to 29.5 per cent. Cash tenants increased and share tenants decreased in number since 1900, but during the 20 years prior to that date the number of each kind of tenants increased. As used in this discussion, "cash tenants" include "nonspecified" and "share tenants" include "share-cash." The relative frequency of both share and cash tenants has decreased during the last decade, that of share tenants being now 21.1 per cent of all farms, or a lower percentage than in any other year covered by the table, and that of cash tenants being 8.4 per cent, or less than in any other year except 1890.

The following table shows, for white and colored farmers combined and for each class separately, the total and improved acreage and the value of land and buildings for farms operated by owners (including part owners), managers, and tenants, respectively:

| FARMS OPERATED BY—      | ALL LAND IN FARMS (ACRES). |                  | IMPROVED LAND IN FARMS (ACRES). |                  | VALUE OF LAND AND BUILDINGS. |                      |
|-------------------------|----------------------------|------------------|---------------------------------|------------------|------------------------------|----------------------|
|                         | 1910                       | 1900             | 1910                            | 1900             | 1910                         | 1900                 |
| <b>All farmers.....</b> | <b>5,057,140</b>           | <b>5,170,075</b> | <b>3,354,767</b>                | <b>3,516,352</b> | <b>\$241,737,123</b>         | <b>\$175,178,310</b> |
| Owners.....             | 2,905,318                  | 2,799,642        | 1,885,482                       | 1,889,739        | 132,610,705                  | 96,512,439           |
| Managers.....           | 207,291                    | 205,754          | 129,269                         | 133,977          | 24,468,741                   | 12,607,890           |
| Tenants.....            | 1,944,531                  | 2,164,679        | 1,342,016                       | 1,492,636        | 84,457,677                   | 66,057,980           |
| <b>White.....</b>       | <b>4,698,623</b>           | <b>4,795,774</b> | <b>3,136,185</b>                | <b>3,277,684</b> | <b>231,467,339</b>           | <b>168,291,950</b>   |
| Owners.....             | 2,783,279                  | 2,698,151        | 1,806,918                       | 1,819,913        | 128,885,932                  | 94,042,790           |
| Managers.....           | 193,930                    | 193,449          | 120,254                         | 125,635          | 23,290,191                   | 11,932,540           |
| Tenants.....            | 1,721,414                  | 1,904,174        | 1,209,013                       | 1,332,136        | 79,289,216                   | 62,266,620           |
| <b>Colored.....</b>     | <b>358,517</b>             | <b>374,301</b>   | <b>218,582</b>                  | <b>238,668</b>   | <b>10,269,784</b>            | <b>6,886,360</b>     |
| Owners.....             | 122,039                    | 101,491          | 76,554                          | 69,826           | 3,924,773                    | 2,270,640            |
| Managers.....           | 19,361                     | 12,305           | 9,015                           | 8,342            | 1,172,550                    | 625,350              |
| Tenants.....            | 223,117                    | 260,505          | 133,003                         | 160,500          | 5,172,461                    | 3,989,370            |

The following table shows, for white and colored farmers combined and for each class separately, the per cent distribution by tenure groups of the items in the preceding table, and also of the number of farms:

| FARMS OPERATED BY—      | PER CENT OF TOTAL. |              |                    |              |                         |              |                              |              |
|-------------------------|--------------------|--------------|--------------------|--------------|-------------------------|--------------|------------------------------|--------------|
|                         | Number of farms.   |              | All land in farms. |              | Improved land in farms. |              | Value of land and buildings. |              |
|                         | 1910               | 1900         | 1910               | 1900         | 1910                    | 1900         | 1910                         | 1900         |
| <b>All farmers.....</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>                 | <b>100.0</b> |
| Owners.....             | 68.5               | 64.1         | 57.4               | 54.2         | 56.1                    | 53.7         | 54.9                         | 55.0         |
| Managers.....           | 2.0                | 2.3          | 4.1                | 4.0          | 3.9                     | 3.8          | 10.1                         | 7.2          |
| Tenants.....            | 29.5               | 33.6         | 38.5               | 41.9         | 40.0                    | 42.4         | 34.9                         | 37.8         |
| <b>White.....</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>                 | <b>100.0</b> |
| Owners.....             | 69.5               | 65.4         | 59.2               | 56.3         | 57.6                    | 55.5         | 55.7                         | 55.9         |
| Managers.....           | 2.1                | 2.4          | 4.1                | 4.0          | 3.8                     | 3.8          | 10.1                         | 7.1          |
| Tenants.....            | 28.4               | 32.3         | 36.6               | 39.7         | 38.6                    | 40.6         | 34.3                         | 37.0         |
| <b>Colored.....</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>                 | <b>100.0</b> |
| Owners.....             | 62.0               | 55.8         | 34.0               | 27.1         | 35.0                    | 29.3         | 38.2                         | 33.0         |
| Managers.....           | 1.4                | 1.8          | 3.7                | 3.3          | 4.1                     | 3.5          | 11.4                         | 9.1          |
| Tenants.....            | 36.6               | 42.4         | 62.2               | 69.6         | 60.8                    | 67.3         | 50.4                         | 57.9         |

It will be seen that, in 1910, 57.4 per cent of all land in farms was in farms operated by their owners (including part owners), 4.1 per cent in farms operated by managers, and 38.5 per cent in farms operated by tenants, the percentage for tenants being lower and that for owners and for managers higher than in 1900.

Of all land in farms operated by white farmers 59.2 per cent was in farms operated by their owners and 36.6 per cent in tenant farms, while of that operated by colored farmers, 34 per cent was in farms operated by owners and 62.2 per cent in tenant farms. The

proportion of land in farms operated by owners increased between 1900 and 1910 among both classes of farmers.

As shown by the next table, the average size of farms operated by managers in 1910 (209.8 acres) was more than one and one-half times as great as that of farms operated by tenants (134.9 acres), which was in turn more than one and one-half times as great as that of farms operated by owners (86.7 acres). The average size of farms operated by managers increased between 1900 and 1910, while that of farms operated by owners and by tenants decreased. In 1910 the percentage of farm land improved was highest for farms operated by tenants, and lowest for those operated by managers.

The average size of farms operated by white farmers in 1910 (110.4 acres) was nearly twice as great as that of farms operated by colored farmers (56.3 acres); both classes of farms decreased in size between 1900 and 1910. The proportion of land improved was larger for the farms of white farmers than for those of colored farmers, being, respectively, 66.7 per cent and 61 per cent of the total acreage in each class of farms.

| FARMS OPERATED BY—      | AVERAGE ACRES PER FARM. |       |                |       | PER CENT OF FARM LAND IMPROVED. |      | AVERAGE VALUE OF LAND AND BUILDINGS. |         |           |         |
|-------------------------|-------------------------|-------|----------------|-------|---------------------------------|------|--------------------------------------|---------|-----------|---------|
|                         | All land.               |       | Improved land. |       | 1910                            | 1900 | Per farm.                            |         | Per acre. |         |
|                         | 1910                    | 1900  | 1910           | 1900  |                                 |      | 1910                                 | 1900    | 1910      | 1900    |
|                         | 1910                    | 1900  | 1910           | 1900  | 1910                            | 1900 | 1910                                 | 1900    | 1910      | 1900    |
| <b>All farmers.....</b> | 103.4                   | 112.4 | 68.6           | 76.4  | 66.3                            | 68.0 | \$4,941                              | \$3,807 | \$27.80   | \$33.88 |
| Owners.....             | 86.7                    | 94.9  | 65.2           | 64.0  | 64.3                            | 67.5 | 3,962                                | 3,204   | 45.71     | 34.40   |
| Managers.....           | 209.8                   | 195.6 | 130.8          | 127.4 | 62.4                            | 65.1 | 24,706                               | 11,985  | 118.04    | 61.28   |
| Tenants.....            | 134.9                   | 140.1 | 93.1           | 96.6  | 69.0                            | 69.0 | 5,859                                | 4,289   | 43.43     | 30.61   |
| <b>White.....</b>       | 110.4                   | 119.4 | 73.7           | 81.6  | 66.7                            | 68.3 | 5,440                                | 4,190   | 29.26     | 35.09   |
| Owners.....             | 94.1                    | 102.8 | 61.1           | 69.3  | 64.9                            | 67.5 | 4,359                                | 3,582   | 46.31     | 34.85   |
| Managers.....           | 215.2                   | 204.3 | 133.5          | 132.7 | 62.0                            | 64.9 | 25,856                               | 12,653  | 120.13    | 61.94   |
| Tenants.....            | 142.5                   | 146.8 | 100.1          | 102.7 | 70.2                            | 70.0 | 6,563                                | 4,800   | 46.06     | 32.70   |
| <b>Colored.....</b>     | 56.3                    | 64.1  | 34.3           | 40.8  | 61.0                            | 63.8 | 1,612                                | 1,179   | 28.65     | 18.40   |
| Owners.....             | 30.9                    | 31.1  | 19.4           | 21.4  | 62.7                            | 68.8 | 994                                  | 698     | 32.16     | 22.42   |
| Managers.....           | 153.6                   | 117.2 | 103.6          | 79.4  | 67.5                            | 67.8 | 13,478                               | 5,950   | 87.76     | 50.82   |
| Tenants.....            | 95.6                    | 105.2 | 67.0           | 64.8  | 59.6                            | 61.6 | 2,215                                | 1,610   | 23.18     | 15.30   |

**Farm mortgages: 1890 to 1910.**—The Eleventh Census (1890) was the first to collect data relating to mortgage debt on farms. The basis of the returns was the "farm home" occupied by its owner. The same class of information was secured by the population schedules of the Twelfth Census (1900). The agricultural schedules of the Thirteenth Census (1910) secured practically the same information, except that the basis was "owned farms" instead of "owned farm homes"—a difference involving, however, no appreciable incomparability.

The next table relates to farms operated by persons owning all or part of the land, and shows for 1910 (1) the number of such farms reported as free from mortgage; (2) the number reported as mortgaged; and (3) the number for which no mortgage reports were secured. Comparable items are included for 1900 and 1890.

In 1910 the total number of farms owned in whole or in part by the operators was 33,519. Of this number, 21,084 were reported as free from mortgage, 12,127 were reported as mortgaged, and for 308 no report

relative to mortgage indebtedness was obtained. The number of mortgaged farms constituted 36.5 per cent of the total number of owned farms, exclusive of those for which no mortgage report was obtained. The percentage is almost exactly the same as it was in 1900, but is considerably larger than it was in 1890. It may be noted that the percentages given for the three censuses are comparable, but that the number of mortgaged and unmortgaged farms reported in 1890 is not entirely comparable with the numbers reported at the later censuses, because at the census of 1890 the farms for which no reports were secured were distributed between the two classes of mortgaged and unmortgaged farms. It can be seen, however, that both owned farms free of mortgage and those mortgaged have increased materially in number since 1890.

| CLASS.                  | OWNED FARMS. <sup>1</sup> |                        | OWNED FARM HOMES. |                        | OWNED FARM HOMES. <sup>2</sup> |           |
|-------------------------|---------------------------|------------------------|-------------------|------------------------|--------------------------------|-----------|
|                         | 1910                      |                        | 1900              |                        | 1890                           |           |
|                         | Number.                   | Per cent. <sup>3</sup> | Number.           | Per cent. <sup>3</sup> | Number.                        | Per cent. |
| <b>Total.....</b>       | 33,519                    | .....                  | 30,385            | .....                  | 25,989                         | .....     |
| Free from mortgage..... | 21,084                    | 63.5                   | 18,088            | 63.2                   | 18,176                         | 70.0      |
| Mortgaged.....          | 12,127                    | 36.5                   | 10,533            | 36.8                   | 7,794                          | 30.0      |
| Unknown.....            | 308                       | .....                  | 1,764             | .....                  | .....                          | .....     |

<sup>1</sup> Includes all farms owned in whole or in part by the operator.  
<sup>2</sup> The 683 "owned farm homes" for which no reports were secured were distributed between "free from mortgage" and "mortgaged" in 1890.  
<sup>3</sup> Per cent of combined total of "free from mortgage" and "mortgaged."

The statement of mortgage debt and of the value of mortgaged farm property is restricted to the farms of those farmers who own all of their land and report the amount as well as the fact of indebtedness. Of the 12,127 farms reported as mortgaged, 11,232 are wholly owned by the farmers, and for 10,754 of these the amount of mortgage debt is reported. Only these last-mentioned farms are included under 1910 in the next table, which presents data relating to mortgaged farms for 1910 and 1890. In this connection it should be noted that in 1890 the amount of mortgage debt of farms with incomplete reports was estimated according to the percentages and averages obtained from farms with full reports, but that no such estimate is here made for 1910. The table gives a comparative statement of the value of mortgaged farms owned entirely by their operators and the amount of indebtedness, together with the average value of such farms, the average debt per farm, and the average equity per farm for 1910 and 1890. Data regarding the amount of mortgage debt were not obtained in 1900.

The average debt of mortgaged farms decreased in the 20 years from \$1,636 to \$1,457, or 10.9 per cent, while the average value of such farms decreased from \$4,251 to \$4,129, or 2.9 per cent. Thus the owner's equity increased from \$2,615 to \$2,672, or 2.2 per cent. As a result of the greater relative increase in farm value than in farm debt the mortgage indebtedness, which was 38.5 per cent of the value of the mortgaged farms in 1890, had decreased to 35.3 per cent of the value in 1910.

|                                | OWNED FARMS OR FARM HOMES MORTGAGED. |                   | INCREASE. <sup>1</sup> |           |
|--------------------------------|--------------------------------------|-------------------|------------------------|-----------|
|                                | 1910 <sup>2</sup>                    | 1890 <sup>3</sup> | Amount.                | Per cent. |
| Number.....                    | 10,764                               | 7,794             |                        |           |
| Value—Land and buildings.....  | \$44,398,721                         | \$33,135,792      |                        |           |
| Amount of mortgage debt.....   | \$15,073,773                         | \$12,753,827      |                        |           |
| Per cent of debt to value..... | 35.3                                 | 38.5              |                        |           |
| Average value per farm.....    | \$4,129                              | \$4,251           | -\$122                 | -2.9      |
| Average debt per farm.....     | \$1,457                              | \$1,636           | -\$179                 | -10.9     |
| Average equity per farm.....   | \$2,672                              | \$2,615           | \$57                   | 2.2       |

<sup>1</sup> A minus sign (—) denotes decrease.  
<sup>2</sup> Includes only farms consisting wholly of owned land and reporting value of farm and amount of debt.  
<sup>3</sup> Includes all owned farm homes, estimates being made of value of farms and amount of debt for all defective reports.

Farms by size groups: 1910 and 1900.—The following table shows the distribution of farms by size groups at the censuses of 1910 and 1900:

| SIZE GROUP.               | NUMBER OF FARMS. |               | INCREASE. <sup>1</sup> |            | PER CENT OF TOTAL. |              |
|---------------------------|------------------|---------------|------------------------|------------|--------------------|--------------|
|                           | 1910             | 1900          | Number.                | Per cent.  | 1910               | 1900         |
| All farmers.....          | 48,923           | 46,012        | 2,911                  | 6.3        | 100.0              | 100.0        |
| Under 3 acres.....        | 148              | 442           | -294                   | -66.5      | 0.3                | 1.0          |
| 3 to 9 acres.....         | 4,977            | 3,393         | 1,584                  | 46.7       | 10.2               | 7.4          |
| 10 to 19 acres.....       | 5,107            | 4,315         | 792                    | 18.4       | 10.4               | 9.4          |
| 20 to 49 acres.....       | 8,629            | 7,683         | 946                    | 12.3       | 17.6               | 16.7         |
| 50 to 99 acres.....       | 9,946            | 9,307         | 639                    | 6.9        | 20.3               | 20.2         |
| 100 to 174 acres.....     | 11,457           | 11,543        | -86                    | -0.7       | 23.4               | 25.1         |
| 175 to 259 acres.....     | 5,043            | 5,389         | -346                   | -6.4       | 10.3               | 11.7         |
| 260 to 499 acres.....     | 3,027            | 3,270         | -243                   | -7.4       | 6.2                | 7.1          |
| 500 to 999 acres.....     | 506              | 591           | -85                    | -14.4      | 1.0                | 1.3          |
| 1,000 acres and over..... | 83               | 79            | 4                      | 5.1        | 0.2                | 0.2          |
| <b>White</b> .....        | <b>42,551</b>    | <b>40,169</b> | <b>2,382</b>           | <b>5.9</b> | <b>100.0</b>       | <b>100.0</b> |
| Under 3 acres.....        | 141              | 314           | -173                   | -55.1      | 0.3                | 0.8          |
| 3 to 9 acres.....         | 3,369            | 2,269         | 1,100                  | 48.5       | 7.9                | 5.6          |
| 10 to 19 acres.....       | 3,780            | 3,145         | 635                    | 20.2       | 8.9                | 7.8          |
| 20 to 49 acres.....       | 7,243            | 6,467         | 776                    | 12.0       | 17.0               | 16.1         |
| 50 to 99 acres.....       | 9,179            | 8,562         | 617                    | 7.2        | 21.6               | 21.3         |
| 100 to 174 acres.....     | 10,677           | 10,660        | 17                     | 0.2        | 25.1               | 26.5         |
| 175 to 259 acres.....     | 4,732            | 5,044         | -312                   | -6.2       | 11.1               | 12.6         |
| 260 to 499 acres.....     | 2,881            | 3,077         | -196                   | -6.4       | 6.8                | 7.7          |
| 500 to 999 acres.....     | 471              | 556           | -85                    | -15.3      | 1.1                | 1.4          |
| 1,000 acres and over..... | 78               | 75            | 3                      | 4.0        | 0.2                | 0.2          |
| <b>Colored</b> .....      | <b>6,372</b>     | <b>5,843</b>  | <b>529</b>             | <b>9.1</b> | <b>100.0</b>       | <b>100.0</b> |
| Under 3 acres.....        | 7                | 128           | -121                   | -94.5      | 0.1                | 2.2          |
| 3 to 9 acres.....         | 1,608            | 1,124         | 484                    | 43.1       | 25.2               | 19.2         |
| 10 to 19 acres.....       | 1,327            | 1,170         | 157                    | 13.4       | 20.8               | 20.0         |
| 20 to 49 acres.....       | 1,386            | 1,216         | 170                    | 14.0       | 21.8               | 20.8         |
| 50 to 99 acres.....       | 767              | 745           | 22                     | 3.0        | 12.0               | 12.8         |
| 100 to 174 acres.....     | 780              | 883           | -103                   | -11.7      | 12.2               | 15.1         |
| 175 to 259 acres.....     | 311              | 345           | -34                    | -9.9       | 4.9                | 5.9          |
| 260 to 499 acres.....     | 146              | 193           | -47                    | -24.4      | 2.3                | 3.3          |
| 500 to 999 acres.....     | 35               | 35            |                        |            | 0.5                | 0.6          |
| 1,000 acres and over..... | 5                | 4             | 1                      | 25.0       | 0.1                | 0.1          |

<sup>1</sup> A minus sign (—) denotes decrease.

Almost one-fourth (23.4 per cent) of all Maryland farms are between 100 and 174 acres in size, and about one-fifth (20.3 per cent) are between 50 and 99 acres in size. The third largest group, containing 17.6 per cent of the total, consists of the farms from 20 to 49 acres. These three groups, containing the farms from 20 to 174 acres in size, include about 60 per cent of all the farms in the state. More than 20 per cent of the farms are under 20 acres in size and only about 18 per cent are 175 acres or over. A study of the distribution of farms by size groups discloses the fact that the greatest actual and relative gain in number during the decade was made in the "3 to 9 acres" group. The number of places "under 3 acres" reported as farms is but little more than one-third as great as 10 years ago. This decrease may be due to a different interpretation by the enumerator as to what to include as a small farm, or may represent an actual decrease in that type of farm. In general, there are

increases in the number of farms of all sizes between 3 and 99 acres and decreases of farms of all sizes over 100 acres, with the single exception of the small number of farms of 1,000 acres and over, which increased from 79 in 1900 to 83 in 1910.

Farms of 100 to 174 acres constituted 25.1 per cent of the total number of farms of white farmers, farms of from 50 to 99 acres, with 21.6 per cent of the total number, ranking next; among farms of colored farmers those of 3 to 9 acres, constituting 25.2 per cent of the total, formed the most numerous size group, while farms of 20 to 49 acres, with 21.8 per cent of the total, ranked next. Of the farms operated by colored farmers 46.1 per cent were farms of less than 20 acres, as compared with 17.1 per cent of the farms of white farmers.

The following table shows the total and improved acreage and the value of land and buildings for farms of various size groups, consolidating into one group the farms of less than 20 acres (numbering in all 10,232), and also the farms of between 175 and 499 acres (numbering 8,070):

| SIZE GROUP.               | ALL LAND IN FARMS (ACRES). |           | IMPROVED LAND IN FARMS (ACRES). |           | VALUE OF LAND AND BUILDINGS. |               |
|---------------------------|----------------------------|-----------|---------------------------------|-----------|------------------------------|---------------|
|                           | 1910                       | 1900      | 1910                            | 1900      | 1910                         | 1900          |
| Total.....                | 5,057,140                  | 5,170,075 | 3,354,767                       | 3,516,352 | \$241,737,123                | \$175,178,310 |
| Under 20 acres.....       | 97,263                     | 82,774    | 80,696                          | 70,444    | 17,813,279                   | 11,173,910    |
| 20 to 49 acres.....       | 278,402                    | 254,342   | 209,115                         | 195,232   | 22,791,832                   | 16,856,340    |
| 50 to 99 acres.....       | 700,098                    | 668,833   | 497,340                         | 483,390   | 36,304,852                   | 26,415,580    |
| 100 to 174 acres.....     | 1,486,215                  | 1,494,118 | 1,049,206                       | 1,072,704 | 63,818,929                   | 48,824,870    |
| 175 to 499 acres.....     | 2,055,822                  | 2,206,470 | 1,329,921                       | 1,460,839 | 87,550,094                   | 61,645,200    |
| 500 to 999 acres.....     | 312,911                    | 354,853   | 151,285                         | 191,440   | 10,724,022                   | 8,045,320     |
| 1,000 acres and over..... | 125,369                    | 118,685   | 37,204                          | 42,243    | 2,734,115                    | 2,217,090     |

The following table shows the per cent distribution, by size groups, of the items presented in the preceding table, and also of the number of farms:

| SIZE GROUP.               | PER CENT OF TOTAL. |       |                    |       |                         |       |                              |       |
|---------------------------|--------------------|-------|--------------------|-------|-------------------------|-------|------------------------------|-------|
|                           | Number of farms.   |       | All land in farms. |       | Improved land in farms. |       | Value of land and buildings. |       |
|                           | 1910               | 1900  | 1910               | 1900  | 1910                    | 1900  | 1910                         | 1900  |
| Total.....                | 100.0              | 100.0 | 100.0              | 100.0 | 100.0                   | 100.0 | 100.0                        | 100.0 |
| Under 20 acres.....       | 20.9               | 17.7  | 1.9                | 1.6   | 2.4                     | 2.0   | 7.4                          | 6.4   |
| 20 to 49 acres.....       | 17.6               | 16.7  | 5.5                | 4.9   | 6.2                     | 5.6   | 9.4                          | 9.6   |
| 50 to 99 acres.....       | 20.3               | 20.2  | 13.8               | 12.7  | 14.8                    | 13.7  | 15.0                         | 15.1  |
| 100 to 174 acres.....     | 23.4               | 25.1  | 29.4               | 28.9  | 31.3                    | 30.5  | 26.4                         | 27.9  |
| 175 to 499 acres.....     | 16.5               | 18.8  | 40.7               | 42.7  | 39.6                    | 41.5  | 36.2                         | 35.2  |
| 500 to 999 acres.....     | 1.0                | 1.3   | 6.2                | 6.9   | 4.5                     | 5.4   | 4.4                          | 4.6   |
| 1,000 acres and over..... | 0.2                | 0.2   | 2.5                | 2.3   | 1.1                     | 1.2   | 1.1                          | 1.3   |

Of the total farm acreage of the state in 1910, 40.7 per cent was in farms of 175 to 499 acres, and 29.4 per cent in farms of 100 to 174 acres, these two being from the standpoint of aggregate acreage the most important size groups. There were no notable changes between 1900 and 1910 in percentage distribution of the total farm acreage by size groups.

As shown by the next table, the percentage of farm land improved diminishes as the average size of the farms increases. For this reason and also because buildings have normally a higher value in proportion



to farm acreage on small than on large farms, the average value of land and buildings per acre of land also diminishes with the increase in the size of the farms; it is very much higher for the farms under 20 acres in size than for those of any other group.

| SIZE GROUP.               | PER CENT OF FARM LAND IMPROVED. |      | AVERAGE VALUE OF LAND AND BUILDINGS. |         |           |         |
|---------------------------|---------------------------------|------|--------------------------------------|---------|-----------|---------|
|                           | 1910                            | 1900 | Per farm.                            |         | Per acre. |         |
|                           |                                 |      | 1910                                 | 1900    | 1910      | 1900    |
| Total.....                | 68.3                            | 68.0 | \$4,941                              | \$3,807 | \$47.80   | \$33.88 |
| Under 20 acres.....       | 83.0                            | 75.9 | 1,741                                | 1,371   | 183.15    | 134.99  |
| 20 to 49 acres.....       | 75.1                            | 76.8 | 2,641                                | 2,194   | 81.87     | 66.27   |
| 50 to 99 acres.....       | 71.0                            | 73.4 | 3,650                                | 2,838   | 51.86     | 40.09   |
| 100 to 174 acres.....     | 70.6                            | 71.5 | 5,570                                | 4,290   | 42.94     | 32.63   |
| 175 to 499 acres.....     | 64.7                            | 66.2 | 10,549                               | 7,119   | 42.59     | 27.94   |
| 500 to 999 acres.....     | 48.3                            | 53.9 | 21,194                               | 13,613  | 34.27     | 22.67   |
| 1,000 acres and over..... | 29.4                            | 35.6 | 32,941                               | 28,064  | 21.64     | 18.68   |

**Color and nativity of farmers: 1910.**—Prior to the Thirteenth Census no attempt was made to secure information on the farm schedules concerning the nativity of farmers. The table which follows shows the color and nativity of farm operators by character of tenure for 1910.

Almost seven-eighths of the Maryland farmers were

whites and about one-eighth were negroes. The non-white farmers also included one Indian and one Chinese. Only 15.1 per cent of the foreign-born white farmers were tenants, while 29 per cent of the native white and 36.6 per cent of the nonwhite farmers were in this class.

Of the total of 1882 foreign-born white farmers in Maryland in 1910, 1,126 were born in Germany, 153 in England, 151 in Ireland, 88 in Austria, 54 in Scotland, 51 in Russia, and 47 in Canada. Other European countries were represented by a total of 206 farmers, and non-European countries, other than Canada, by 6.

| COLOR AND NATIVITY.           | FARM OPERATORS. |                        |         |          |           |                    |          |           |
|-------------------------------|-----------------|------------------------|---------|----------|-----------|--------------------|----------|-----------|
|                               | Total.          |                        | Owners. | Tenants. | Managers. | Per cent of total. |          |           |
|                               | Number.         | Per cent distribution. |         |          |           | Owners.            | Tenants. | Managers. |
| Total.....                    | 48,923          | 100.0                  | 33,519  | 14,416   | 988       | 68.5               | 29.5     | 2.0       |
| Native white.....             | 40,639          | 83.1                   | 28,047  | 11,797   | 825       | 69.0               | 29.0     | 2.0       |
| Foreign-born white.....       | 1,882           | 3.8                    | 1,622   | 284      | 76        | 80.9               | 15.1     | 4.0       |
| Negro and other nonwhite..... | 6,372           | 13.0                   | 3,950   | 2,335    | 87        | 62.0               | 36.6     | 1.4       |

#### DOMESTIC ANIMALS, POULTRY, AND BEES.

**Domestic animals on farms: 1910.**—The census of 1910 was taken as of April 15, and that of 1900 as of June 1. Since a great many domestic animals are born during the six weeks between April 15 and June 1, and on the other hand a considerable number of older animals are slaughtered or die during the same period, the numbers of the different classes of animals for the two censuses are not closely comparable, and the same is true in somewhat less degree of the values. For this reason the figures for 1900 are not presented in this chapter, but in the general reports of the census the figures for the several states will be presented and the extent to which their comparability is affected by the change in date of enumeration will be discussed.

The total value of live stock on farms, including domestic animals, poultry, and bees in 1910 was \$32,570,000, of which domestic animals contributed \$30,650,000. The value of cattle represented 24.2 per cent of the total value of live stock; that of horses and mules, 60.9 per cent; that of swine, 5.4 per cent; that of sheep and lambs, 3.5 per cent; and that of poultry, 5.7 per cent, the other classes being insignificant.

The next table summarizes the statistics of domestic animals on farms for the state, recorded as of April 15, 1910. Cattle and sheep are divided into age and sex groups, while horses, mules, and swine are presented by age groups only.

Of the total number of farms enumerated, 46,672, or 95.4 per cent, report domestic animals of some kind, the number without any domestic animals being only 2,251.

| AGE AND SEX GROUP.   | FARMS REPORTING. |                       | ANIMALS. |              |                |
|--|------------------|-----------------------|----------|--------------|----------------|
|  | Number.          | Percent of all farms. | Number.  | Value.       | Average value. |
| Total.....   | 46,672           | 95.4                  | .....    | \$30,649,961 | .....          |
| <b>Cattle</b> .....  | 39,863           | 81.1                  | 287,751  | 7,889,526    | \$27.35        |
| Dairy cows (cows and heifers kept for milk, born before Jan. 1, 1909).....     | 38,826           | 79.4                  | 166,859  | 5,580,210    | 33.44          |
| Other cows (cows and heifers not kept for milk, born before Jan. 1, 1909)..... | 6,910            | 14.1                  | 18,816   | 413,661      | 21.98          |
| Heifers born in 1909.....  | 12,735           | 26.0                  | 27,226   | 407,692      | 14.97          |
| Calves born after Jan. 1, 1910.....  | 16,742           | 34.2                  | 39,064   | 335,659      | 8.59           |
| Steers and bulls born in 1909.....   | 5,546            | 11.3                  | 10,508   | 194,528      | 18.51          |
| Steers and bulls born before Jan. 1, 1909.....                                 | 9,083            | 18.6                  | 25,278   | 937,776      | 37.10          |
| <b>Horses</b> .....  | 42,374           | 86.6                  | 155,438  | 16,787,467   | 108.09         |
| Mares, stallions, and geldings born before Jan. 1, 1909.....                   | 42,240           | 86.3                  | 137,278  | 15,886,073   | 115.72         |
| Colts born in 1909.....  | 3,700            | 7.8                   | 12,318   | 723,072      | 58.70          |
| Colts born after Jan. 1, 1910.....   | 4,656            | 9.5                   | 5,842    | 178,322      | 30.52          |
| <b>Mules</b> .....   | 8,869            | 18.1                  | 22,667   | 3,043,561    | 134.27         |
| Mules born before Jan. 1, 1909.....  | 8,003            | 17.6                  | 21,498   | 2,967,983    | 138.06         |
| Mule colts born in 1909.....   | 529              | 1.1                   | 869      | 63,908       | 73.54          |
| Mule colts born after Jan. 1, 1910.....  | 245              | 0.5                   | 300      | 11,690       | 33.97          |
| <b>Asses and burros</b> .....  | 65               | 0.1                   | 101      | 35,450       | 350.99         |
| <b>Swine</b> .....   | 35,194           | 71.9                  | 301,583  | 1,765,857    | 5.86           |
| Hogs and pigs born before Jan. 1, 1910.....                                    | 31,708           | 64.8                  | 196,415  | 1,470,180    | 7.52           |
| Pigs born after Jan. 1, 1910.....  | 13,867           | 28.3                  | 105,168  | 289,677      | 2.75           |
| <b>Sheep</b> .....   | 6,228            | 12.7                  | 237,137  | 1,142,965    | 4.82           |
| Ewes born before Jan. 1, 1910.....   | 6,128            | 12.5                  | 119,806  | 648,094      | 5.41           |
| Rams and wethers born before Jan. 1, 1910.....                                 | 3,291            | 6.7                   | 6,445    | 38,791       | 6.00           |
| Lambs born after Jan. 1, 1910.....   | 5,802            | 11.9                  | 110,886  | 456,080      | 4.11           |
| <b>Goats</b> .....   | 198              | 0.4                   | 1,182    | 5,115        | 4.33           |

Of all the farms in the state, 81.1 per cent report cattle, 79.4 per cent reporting "dairy cows," and 14.1 per cent "other cows." Only 827 farms have cattle without having dairy cows. The total number of cows materially increased during the decade, while the average value of dairy cows increased from \$29.47 to \$33.44. The farms reporting dairy cows show an average of over 4 per farm.

The census of 1900 was taken as of June 1, after all the spring calves were born, while that of 1910 was taken as of April 15, before the close of the calving season and when the calves on hand were on an average younger than at the enumeration of 1900. As a result, the calves enumerated were fewer in number in 1910 than in 1900; the number decreased from 55,465 to 39,064, but the average value increased from \$8.18 to \$8.59.

Horses are reported by 86.6 per cent of all farms in the state, but only 17.8 per cent report colts born in 1909 and 9.5 per cent report spring colts. Mature horses are valued at \$115.72.

About one farm out of every five reports mules. The average value of mules of the different ages is considerably higher than those of horses of the corresponding age groups.

Sheep and lambs are reported from 6,228 farms, or 12.7 per cent of all farms in the state. Of these 6,228 farms, 93.2 per cent report spring lambs, the number of the latter being equal to 92.6 per cent of the number of ewes. Ewes are reported from all but 100 of the farms reporting sheep, and for the farms reporting the average is nearly 20 ewes per farm. The farms reporting rams and wethers show an average of about 2 per farm.

Of all farms, 71.9 per cent report swine, the average number being over 8 per farm reporting. The average value of the swine reported as "hogs and pigs born before January 1, 1910," is \$7.52, while that of spring pigs is a little more than one-third as much.

Poultry on farms: 1910 and 1900.—The following table gives the numbers of the various kinds of poultry reported in 1910 and 1900, together with their value and the number of farms reporting each kind in 1910:

| KIND.             | 1910<br>(April 15) |                       |                  |             | 1900<br>(June 1) |
|-------------------|--------------------|-----------------------|------------------|-------------|------------------|
|                   | Farms reporting.   |                       | Number of fowls. | Value.      | Number of fowls. |
|                   | Number.            | Percent of all farms. |                  |             |                  |
| Total.....        | 46,054             | 94.1                  | 2,908,958        | \$1,858,570 | 2,305,645        |
| Chickens.....     | 46,008             | 94.0                  | 2,650,750        | 1,616,010   | 2,113,544        |
| Turkeys.....      | 14,728             | 30.1                  | 60,260           | 134,106     | 101,782          |
| Ducks.....        | 8,763              | 17.9                  | 50,232           | 29,796      | 56,930           |
| Geese.....        | 4,909              | 10.0                  | 23,606           | 36,400      | 33,359           |
| Guinea fowls..... | 9,758              | 19.9                  | 51,653           | 19,165      | (1)              |
| Pigeons.....      | 2,777              | 5.7                   | 72,435           | 23,035      | (2)              |
| Peafowls.....     | 8                  | (3)                   | 2                | 58          | (4)              |

<sup>1</sup> Included with chickens. <sup>2</sup> Not reported. <sup>3</sup> Less than one-tenth of 1 per cent.

The increase in the number of fowls on Maryland farms during the 10 years from 1900 to 1910 amounts to 26.2 per cent, but the value increased from

\$1,158,000 to \$1,859,000, or 60.5 per cent. The number of farms reporting poultry increased from 42,295 to 46,054, and the average number of fowls per farm reporting from 55 to 63. All but 46 of the farms reporting poultry report chickens, which constitute 91.1 per cent of the number and 86.9 per cent of the value of all fowls in 1910. The value of poultry and number of farms reporting were obtained in 1900 for the total of all fowls only, and not for each kind as in 1910.

Bees on farms: 1910 and 1900.—The number of farms reporting bees has decreased from 5,098 in 1900 to 4,186 in 1910, or 17.9 per cent. The number of colonies of bees decreased from 23,013 to 23,156, or 17.3 per cent, and their value increased from \$61,013 to \$61,603, or 1 per cent. The average value of bees per farm reporting was \$11.97 in 1900 and \$14.72 in 1910. About eight farms in every hundred report bees.

Domestic animals not on farms: 1910.—Most of the domestic animals not on farms are found in cities, towns, and villages. Statistics for such animals are shown below. No provision was made by law to secure data pertaining to poultry and bees not on farms. In the table below age groups are omitted for the sake of brevity.

| KIND.                 | Number of inclosures reporting. | ANIMALS. |             |                |
|-----------------------|---------------------------------|----------|-------------|----------------|
|                       |                                 | Number.  | Value.      | Average value. |
| Total.....            | 26,838                          |          | \$7,195,972 |                |
| All cattle.....       | 8,224                           | 14,710   | 484,112     | \$32.91        |
| Dairy cows.....       | 7,859                           | 11,009   | 422,415     | 38.37          |
| Horses.....           | 18,548                          | 40,121   | 5,952,420   | 148.36         |
| Mules.....            | 957                             | 3,569    | 566,987     | 158.86         |
| Asses and burros..... | 31                              | 55       | 10,525      | 191.36         |
| Swine.....            | 9,201                           | 24,424   | 176,355     | 7.22           |
| Sheep.....            | 52                              | 671      | 3,242       | 4.83           |
| Goats.....            | 250                             | 384      | 2,331       | 6.07           |

As would be expected, horses are the most important class of domestic animals not on farms, both in number and in value, swine ranking second in number, while mules are second in value.

Domestic animals on farms and not on farms: 1910.—The following table gives the total number and value of domestic animals, distinguishing those on farms from those not on farms:

| KIND.                 | DOMESTIC ANIMALS. |              |           |              |               |             |
|-----------------------|-------------------|--------------|-----------|--------------|---------------|-------------|
|                       | Total.            |              | On farms. |              | Not on farms. |             |
|                       | Number.           | Value.       | Number.   | Value.       | Number.       | Value.      |
| Total.....            |                   | \$37,845,933 |           | \$30,649,961 |               | \$7,195,972 |
| All cattle.....       | 302,461           | 8,353,638    | 287,751   | 7,869,526    | 14,710        | 484,112     |
| Dairy cows.....       | 177,868           | 6,002,625    | 166,869   | 5,580,210    | 11,009        | 422,415     |
| Horses.....           | 195,559           | 22,739,887   | 155,438   | 16,787,467   | 40,121        | 5,952,420   |
| Mules.....            | 26,236            | 3,610,568    | 22,667    | 3,043,581    | 3,569         | 566,987     |
| Asses and burros..... | 156               | 45,975       | 101       | 35,450       | 55            | 10,525      |
| Swine.....            | 326,007           | 1,942,212    | 301,583   | 1,765,857    | 24,424        | 176,355     |
| Sheep.....            | 237,808           | 1,146,207    | 237,137   | 1,142,965    | 671           | 3,242       |
| Goats.....            | 1,566             | 7,446        | 1,182     | 5,115        | 384           | 2,331       |

The total value of all domestic animals in the state in 1910 was \$37,846,000, of which the value of animals not on farms constituted 19 per cent.

## LIVE STOCK PRODUCTS.

The returns for live stock products obtained at the census of 1910, like those for crops, relate to the activities of the calendar year 1909. It is impossible to give a total representing the annual production of live stock products for the reason that, as shown elsewhere, the total value of products from the business of raising domestic animals for use, sale, or slaughter can not be calculated from the census returns. Even if this value could be ascertained and were added to the value of the crops, the sum would not correctly represent the total value of farm products, because, as already more fully explained, duplication would result from the fact that part of the crops are fed to the live stock.

**Dairy products: 1909 and 1899.**—The following table shows the principal statistics relative to dairy products in 1909, with certain comparative statistics for 1899:

|   | FARMS REPORTING. |                        | Number or quantity. | Unit.  | VALUE.      |                   |
|---|------------------|------------------------|---------------------|--------|-------------|-------------------|
|   | Number.          | Per cent of all farms. |                     |        | Total.      | Average per unit. |
| Dairy cows on farms April 15, 1910.....   | 38,826           | 79.4                   | 166,859             | Head   |             |                   |
| On farms reporting dairy products in 1909.....  | 33,830           | 69.1                   | 153,548             | Head   |             |                   |
| On farms reporting milk produced in 1909.....   | 25,592           | 52.3                   | 114,872             | Head   |             |                   |
| Specified dairy products, 1909:   |                  |                        |                     |        |             |                   |
| Milk reported.....  |                  |                        | 41,094,421          | Gals.. |             |                   |
| Butter made.....  | 28,871           | 59.0                   | 8,799,620           | Lbs..  | \$2,010,106 | \$0.23            |
| Cheese made.....  | 202              | 0.4                    | 259,386             | Lbs..  | 20,277      | 0.10              |
| Milk sold.....  | 5,632            | 11.5                   | 19,424,325          | Gals.. | 3,064,878   | 0.16              |
| Cream sold.....   | 630              | 1.3                    | 455,496             | Gals.. | 295,963     | 0.65              |
| Butter fat sold.....  | 321              | 0.7                    | 343,143             | Lbs..  | 33,076      | 0.24              |
| Butter sold.....  | 19,572           | 40.0                   | 5,682,228           | Lbs..  | 1,313,622   | 0.23              |
| Cheese sold.....  | 180              | 0.4                    | 251,071             | Lbs..  | 25,893      | 0.10              |
| Total receipts from sales, 1909.....  |                  |                        |                     |        | 4,784,232   |                   |
| Total value of milk, cream, and butter fat sold and butter and cheese made, 1909..... |                  |                        |                     |        | 5,480,900   |                   |
| Specified dairy products, 1899:   |                  |                        |                     |        |             |                   |
| Butter made.....  | 28,449           | 61.8                   | 9,096,662           | Lbs..  |             |                   |
| Cheese made.....  | 251              | 0.5                    | 338,453             | Lbs..  |             |                   |
| Butter sold.....  |                  |                        | 5,838,684           | Lbs..  | 1,009,755   | 0.18              |
| Cheese sold.....  |                  |                        | 828,577             | Lbs..  | 14,729      | 0.04              |

The number of farms reporting dairy cows on April 15, 1910, was 38,826, but only 33,830 reported dairy products in 1909. That there should be this difference is not surprising. Doubtless some farmers who had dairy cows in 1910 had none in 1909, while other farmers neglected to give information for the preceding year, or were unable to do so, perhaps because the farm was then in other hands. Dairy products in general are somewhat less accurately reported than the principal crops. This is particularly the case as regards the quantity of milk produced. The number of farms which made any report of milk produced during 1909 was 25,592 (considerably less than the total number reporting dairy products), and the number of dairy cows on such farms on April

15, 1910, was 115,000. The amount of milk reported was 41,094,000 gallons; assuming that there were the same number of cows in 1909 as in 1910, this would represent an average of 358 gallons per cow. In considering this average, however, it should be borne in mind that the quantity of milk reported is probably deficient and that the distinction between dairy and other cows is not always strictly observed in the census returns.

By reason of the incompleteness of the returns for milk produced, the Census Bureau has made no attempt to determine the total value of dairy products for 1909. For convenience a partial total has been presented comprising the reported value of milk and cream sold as such and sold on the butter fat basis and the reported value of butter and cheese made, whether for home consumption or for sale. The total thus obtained for 1909 is \$5,481,000, which may be defined as the total value of dairy products exclusive of milk and cream used on the farm producing.

Somewhat less than one-half of the milk reported as produced by Maryland farmers in 1909 was sold as such. The butter made on farms in 1909 was valued at \$2,010,000.

Comparisons are made between 1909 and 1899 for but few of the census items relating to dairy products, for the reason that in 1899 estimates were made for farms with incomplete reports, which was not done at the census of 1910. The figures for milk produced and milk sold are particularly affected, but those for butter and cheese are approximately comparable. The table shows a decrease between 1899 and 1909 in the amount of butter made, and also a decrease in the production of cheese.

**Wool: 1909 and 1899.**—The next table gives statistics as to the production of wool on farms, the figures being partly based on estimates.<sup>1</sup>

The total number of sheep of shearing age in Maryland on April 15, 1910, was 126,000, representing an increase of 13.2 per cent as compared with the number on June 1, 1900 (112,000). The approximate production of wool during 1909 was 122,000 fleeces, weighing 705,000 pounds and valued at \$200,000. Of these

<sup>1</sup> Farmers should be able in general to report the production of wool more accurately than that of dairy products. There were, however, 1,365 farmers who reported the possession of 22,250 sheep of shearing age on April 15, 1910, without reporting any wool produced in 1909. Probably in a large proportion of cases this failure was due to the fact that they did not have these sheep, or did not occupy the same farm, during the preceding year. The returns of farms reporting wool in 1909 but no sheep of shearing age on April 15, 1910, would partially make up this deficiency, but it is believed that in many cases enumerators, having found that a farm had no sheep in 1910, omitted the inquiry as to wool produced in 1909 and thus missed more or less wool actually produced. It is a fairly safe assumption that the entire production of wool in 1909 bore the same relation to the entire number of sheep of shearing age on April 15, 1910, as the production of wool on those farms reporting both production and sheep bore to the number of sheep reported on such farms. Statistics for this group of farms are given in the table, and the total wool product, estimated on the basis of the above assumption, is also given.

totals about 15 per cent represents estimates. The number of fleeces produced in 1909 was 7.5 per cent greater than in 1899. The average weight per fleece in 1909 was 5.8 pounds, as compared with 5.6 pounds in 1899, and the average value per pound was 28 cents, as compared with 23 cents in 1899.

|  | Number of farms reporting. | Sheep of shearing age. | WOOL PRODUCED.    |                  |           |
|--|----------------------------|------------------------|-------------------|------------------|-----------|
|  |                            |                        | Fleeces (number). | Weight (pounds). | Value.    |
| Sheep of shearing age on farms April 15, 1910..... | 6,157                      | 126,251                |                   |                  |           |
| Wool produced, as reported, 1909.                  | 5,002                      |                        | 104,136           | 601,507          | \$170,257 |
| On farms reporting sheep April 15, 1910.....       | 4,792                      | 104,001                | 100,558           | 581,017          | 164,678   |
| On other farms.....                                | 210                        |                        | 3,578             | 20,490           | 5,579     |
| Total production of wool (partly estimated):       |                            |                        |                   |                  |           |
| 1909.....  |                            |                        | 122,071           | 705,320          | 199,909   |
| 1899.....  |                            |                        | 113,593           | 632,119          | 142,966   |
| Increase, 1899 to 1909.....                        |                            |                        | 8,478             | 73,201           | 56,943    |
| Per cent of increase.....                          |                            |                        | 7.5               | 11.6             | 39.8      |

**Goat hair and mohair: 1909 and 1899.**—Although 198 farmers reported 1,182 goats and kids on their farms April 15, 1910, only 27 reported the production of goat hair or mohair during 1909. These farmers reported 465 fleeces, weighing 1,570 pounds and valued at \$474. In 1899 no production of goat hair or mohair was reported.

**Poultry products: 1909 and 1899.**—The statement below gives data relative to the production and sale of eggs and poultry:

|  | Number of farms reporting. | Number of fowls on hand. | PRODUCT.      |             |
|--|----------------------------|--------------------------|---------------|-------------|
|  |                            |                          | Quantity.     | Value.      |
| Fowls on farms April 15, 1910.....             | 46,054                     | 2,908,958                |               |             |
| On farms reporting eggs produced in 1909.....  | 41,214                     | 2,726,416                |               |             |
| On other farms.....                            | 4,840                      | 182,542                  |               |             |
| Eggs produced, as reported, 1909.....          | 41,506                     |                          | 14,464,013    | \$3,012,931 |
| Total production of eggs (partly estimated):   |                            |                          |               |             |
| 1909.....                                      |                            |                          | 15,533,732    | 3,235,750   |
| 1899.....                                      |                            |                          | 12,511,450    | 1,572,682   |
| Increase, 1899 to 1909.....                    |                            |                          | 3,022,282     | 1,663,077   |
| Per cent of increase.....                      |                            |                          | 24.2          | 105.7       |
| Eggs sold, as reported, 1909.....              | 37,547                     |                          | 10,526,537    | 2,191,615   |
| Fowls on farms April 15, 1910:                 |                            |                          |               |             |
| On farms reporting poultry raised in 1909..... | 41,427                     | 2,722,810                |               |             |
| On other farms.....                            | 4,627                      | 186,148                  |               |             |
| Poultry raised, as reported, 1909.....         | 41,835                     |                          | No. of fowls. | 2,818,680   |
| Total poultry raised (partly estimated):       |                            |                          |               |             |
| 1909.....                                      |                            |                          | 5,949,459     | 3,011,382   |
| 1899.....                                      |                            |                          |               | 2,077,490   |
| Increase, 1899 to 1909.....                    |                            |                          |               | 933,892     |
| Per cent of increase.....                      |                            |                          |               | 45.0        |
| Fowls sold, as reported, 1909.....             | 32,340                     |                          | 2,273,501     | 1,313,301   |

The total number of fowls on Maryland farms on April 15, 1910, was 2,909,000. Of the 46,054 farms reporting fowls, 4,840 did not report any eggs produced in 1909, and 4,627 did not report any poultry raised in 1909. The production of eggs actually reported for the year 1909 was 14,464,000 dozens, valued at \$3,013,000. According to the Twelfth Census reports, the production of eggs in 1899 was 12,511,000

dozens, the value being \$1,573,000. The latter figures, however, are somewhat in excess of the actual returns at that census, because they include estimates made to cover those cases where the schedules reported fowls on hand without reporting the production of eggs. In order to make the returns for 1909 comparable with those published for 1899 similar estimates have been made, the method of estimate and the justification therefor being substantially the same as in the case of wool. The total production of eggs in 1909, including these estimates, was 15,534,000 dozens, valued at \$3,236,000. The total production of poultry in 1909, including estimates made on the same basis as for eggs, was 5,949,000 fowls, valued at \$3,011,000.

**Honey and wax: 1909.**—Although, as noted elsewhere, 4,186 farms reported 23,156 colonies of bees on hand April 15, 1910, 1,538 of these farms, with 4,501 colonies on hand April 15, 1910, made no report of honey or wax produced in 1909. The actual returns show the production of 306,367 pounds of honey, valued at \$38,164, and 4,358 pounds of wax, valued at \$1,080; the true totals are doubtless somewhat above these figures.

**Sale or slaughter of domestic animals on farms: 1909 and 1899.**—The following statement presents statistics relating to the sale or slaughter of domestic animals by Maryland farmers during the year 1909, with certain items for 1899:

|                                   | FARMS REPORTING. |                       | Number of animals. | VALUE.      |          |
|-----------------------------------|------------------|-----------------------|--------------------|-------------|----------|
|                                   | Number.          | Percent of all farms. |                    | Total.      | Average. |
| <b>1909—All domestic animals:</b> |                  |                       |                    |             |          |
| Sold.....                         |                  |                       |                    | \$5,399,896 |          |
| Slaughtered.....                  |                  |                       |                    | 3,069,871   |          |
| Calves:                           |                  |                       |                    |             |          |
| Sold.....                         | 22,369           | 45.7                  | 92,359             | 788,579     | \$8.54   |
| Slaughtered.....                  | 431              | 0.9                   | 2,110              | 17,135      | 8.12     |
| Other cattle:                     |                  |                       |                    |             |          |
| Sold.....                         | 11,868           | 24.3                  | 56,863             | 2,106,131   | 37.04    |
| Slaughtered.....                  | 3,080            | 6.3                   | 5,870              | 188,907     | 32.18    |
| Horses:                           |                  |                       |                    |             |          |
| Sold.....                         | 5,099            | 10.4                  | 10,549             | 1,114,751   | 105.67   |
| Mules:                            |                  |                       |                    |             |          |
| Sold.....                         | 718              | 1.5                   | 1,832              | 211,825     | 112.55   |
| Asses and burros:                 |                  |                       |                    |             |          |
| Sold.....                         | 13               | ( <sup>1</sup> )      | 64                 | 2,273       | 35.52    |
| Swine:                            |                  |                       |                    |             |          |
| Sold.....                         | 11,425           | 23.4                  | 143,415            | 823,024     | 5.74     |
| Slaughtered.....                  | 32,931           | 67.3                  | 180,406            | 2,843,309   | 15.79    |
| Sheep:                            |                  |                       |                    |             |          |
| Sold.....                         | 3,096            | 6.3                   | 76,827             | 352,049     | 4.58     |
| Slaughtered.....                  | 530              | 1.1                   | 2,952              | 15,475      | 5.24     |
| Goats:                            |                  |                       |                    |             |          |
| Sold.....                         | 31               | 0.1                   | 319                | 1,264       | 3.96     |
| Slaughtered.....                  | 6                | ( <sup>1</sup> )      | 13                 | 44          | 3.38     |
| <b>1899—All domestic animals:</b> |                  |                       |                    |             |          |
| Sold.....                         |                  |                       |                    | 2,372,560   |          |
| Slaughtered.....                  |                  |                       |                    | 2,173,197   |          |

<sup>1</sup> Less than one-tenth of 1 per cent.

<sup>2</sup> Schedules called for receipts from sales of animals raised on the farms reporting.

The total value of domestic animals sold during 1909 was \$5,400,000 and that of animals slaughtered on farms \$3,070,000, making an aggregate of \$8,470,000. This total, however, involves considerable duplication, resulting from the resale or slaughter of animals which had been purchased by farmers during the same year.

The value of the cattle (including calves) sold during 1909 represented somewhat more than one-half of the total value of animals sold, and the total value of horses sold represented more than one-fifth of the total.

The census of 1900 called for the receipts from the sale of all domestic animals raised on the farms reporting and the total value of those slaughtered during

1899, which amounted, respectively, to \$2,373,000 and \$2,173,000. The item of sales is not closely comparable with that for 1909, when the inquiry covered all sales whether of animals raised on the farms reporting or elsewhere. It is believed, however, that in many cases the returns for 1899 also included receipts from sales of animals not actually raised on the farms reporting.

CROPS.

**Summary: 1909 and 1899.**—The following table summarizes the census data relative to all of the farm crops of 1909 and 1899. It includes not only general farm crops, but also flowers and plants, nursery products, and forest products of farms. In comparing one year with another it should be borne in mind that acreage is on the whole a better index of the general

changes or tendencies of agriculture than either the quantity or the value of the crops, since variations in quantity may be due largely to temporarily favorable or unfavorable climatic conditions, and variations in the value of crops are largely affected by changes in prices. (See also discussion of "Total value of farm products.")

|  | ACRES.           |                  |                        |             | PER CENT OF IMPROVED LAND OCCUPIED. |             | VALUE OF PRODUCTS. |                   |                        |              |                    |             |       |
|--|------------------|------------------|------------------------|-------------|-------------------------------------|-------------|--------------------|-------------------|------------------------|--------------|--------------------|-------------|-------|
|  | 1909             | 1899             | Increase. <sup>1</sup> |             | 1909                                | 1899        | 1909               | 1899              | Increase. <sup>1</sup> |              | Per cent of total. |             |       |
|  |                  |                  | Amount.                | Per cent.   |                                     |             |                    |                   | Amount.                | Per cent.    | 1909               | 1899        |       |
| All crops.....                               |                  |                  |                        |             |                                     |             |                    | \$43,920,140      | \$30,216,969           | \$13,703,180 | 45.4               | 100.0       | 100.0 |
| <b>Crops with acreage reports.....</b>       | <b>1,931,972</b> | <b>1,940,093</b> | <b>-8,121</b>          | <b>-0.4</b> | <b>57.6</b>                         | <b>55.2</b> | <b>29,690,648</b>  | <b>27,655,785</b> | <b>12,034,863</b>      | <b>43.5</b>  | <b>90.4</b>        | <b>91.5</b> |       |
| Cereals.....                                 | 1,320,201        | 1,368,265        | -39,064                | -2.9        | 39.6                                | 38.9        | 21,908,730         | 14,505,992        | 7,402,738              | 51.0         | 49.9               | 48.0        |       |
| Other grains and seeds.....                  | 940              | 1,562            | -622                   | -39.8       | (?)                                 | (?)         | 14,527             | 19,941            | -5,414                 | -27.2        | (?)                | 0.1         |       |
| Hay and forage.....                          | 398,842          | 374,848          | 23,994                 | 6.4         | 11.9                                | 10.7        | 6,011,749          | 4,709,072         | 1,302,677              | 27.7         | 13.7               | 15.6        |       |
| Tobacco.....                                 | 26,072           | 42,911           | -16,839                | -39.2       | 0.8                                 | 1.2         | 1,467,112          | * 1,438,169       | 18,943                 | 1.3          | 3.3                | 4.8         |       |
| Sugar crops.....                             | 80               | 63               | 17                     | (?)         | (?)                                 | (?)         | 1,956              | 1,873             | 83                     | 4.4          | (?)                | (?)         |       |
| Sundry minor crops.....                      | 185              | 129              | 56                     | 43.4        | (?)                                 | (?)         | 19,020             | 4,616             | 14,404                 | 312.0        | (?)                | (?)         |       |
| Potatoes and sweet potatoes and yams.....    | 47,255           | 32,941           | 14,314                 | 43.5        | 1.4                                 | 0.9         | 2,266,705          | 1,337,465         | 929,240                | 69.5         | 5.2                | 4.4         |       |
| Other vegetables.....                        | 108,084          | 100,403          | 7,681                  | 7.7         | 3.2                                 | 2.9         | 5,729,400          | 3,978,237         | 1,751,163              | 44.0         | 13.0               | 13.2        |       |
| Flowers and plants and nursery products..... | 4,718            | 1,449            | 3,269                  | 225.6       | 0.1                                 | (?)         | 1,053,901          | 479,336           | 574,565                | 119.9        | 2.4                | 1.6         |       |
| Small fruits.....                            | 16,595           | 17,522           | -927                   | -5.3        | 0.5                                 | 0.5         | 1,227,548          | 1,181,054         | 46,494                 | 3.9          | 2.8                | 3.9         |       |
| <b>Crops with no acreage reports.....</b>    |                  |                  |                        |             |                                     |             | <b>4,229,501</b>   | <b>2,561,184</b>  | <b>1,668,317</b>       | <b>85.1</b>  | <b>9.6</b>         | <b>8.5</b>  |       |
| Seeds.....                                   |                  |                  |                        |             |                                     |             | 81,577             | 53,963            | 27,614                 | 51.2         | 0.2                | 0.2         |       |
| Fruits and nuts.....                         |                  |                  |                        |             |                                     |             | 1,577,978          | * 1,311,396       | 266,582                | 20.3         | 3.6                | 4.3         |       |
| Maple sugar and sirup.....                   |                  |                  |                        |             |                                     |             | 34,386             | 24,183            | 10,203                 | 42.2         | 0.1                | 0.1         |       |
| Forest products of farms.....                |                  |                  |                        |             |                                     |             | 2,340,045          | 1,170,362         | 1,178,683              | 100.7        | 5.3                | 3.9         |       |
| Miscellaneous.....                           |                  |                  |                        |             |                                     |             | 180,515            | 1,200             | 185,225                | 14,353.1     | 0.4                | (?)         |       |

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Less than one-tenth of 1 per cent.

<sup>3</sup> Corrected from 1900 Report on Agriculture, Part II.

<sup>4</sup> Per cent not calculated when base is less than 100.

<sup>5</sup> Includes value of raisins and other dried fruits, wine, cider, vinegar, etc.

The total value of crops in 1909 was \$43,920,000. Of this amount, 90.4 per cent was contributed by crops for which the acreage as well as the value was reported, the remainder consisting of the value of by-products (straw, garden and grass seeds, etc.) derived from the same land as other crops reported, or of orchard fruits, nuts, forest products, and the like. The combined acreage of crops for which acreage was reported was 1,931,972, representing 57.6 per cent of the total improved land in farms (3,354,767 acres). Most of the remaining improved land doubtless consisted of improved pasture, land lying fallow, house and farm yards, and land occupied by orchards and vineyards, the acreage for which was not reported.

The general character of Maryland agriculture is indicated by the fact that about one-half (49.9 per cent) of the total value of the crops in 1909 was contributed by the cereals, about one-sixth (18.2 per cent) by potatoes and other vegetables, and more than one-eighth (13.7 per cent) by hay and forage. The

remainder, representing 18.2 per cent of the total, consisted mostly of forest products, fruits and nuts, tobacco, small fruits, and flowers and plants and nursery products.

The value of crops in 1909 was 45.4 per cent greater than in 1899, this increase being no doubt due in part to higher prices. There was a decrease of 0.4 per cent in the total acreage of crops for which acreage was reported; the principal absolute decreases were those in the acreage of cereals and tobacco, and the principal absolute increase that in the acreage of hay and forage.

**General farm crops, minor grains and seeds, and sundry minor crops: 1879 to 1909.**—The next table presents statistics for 1909 regarding cereals, other grains and seeds, hay and forage, potatoes, tobacco, and sundry minor crops.

The leading crops covered by the table, in the order of their importance as judged by value, are corn, \$11,015,000; wheat, \$9,876,000; hay and forage, \$6,012,000; potatoes, \$1,783,000; and tobacco,



\$1,457,000. It should be noted, however, that several crops, statistics for which appear elsewhere, are more important than several of the crops mentioned.

The reported value of corn is over half that of all cereals, while wheat is almost nine-tenths as valuable as corn. This leaves relatively small amounts for the other cereals, the combined value of which is but little over a million dollars. The value of hay and forage is more than a fourth that of the cereals. "Timothy and clover mixed" and "timothy alone" constitute over four-fifths of the acreage and over five-sixths of the value of all hay and forage crops. The next in order in both acreage and value is "clover alone." The only remaining crops reaching the million mark in value are potatoes and tobacco.

| CROP.  | Farms report- ing. | Acres harvested. | QUANTITY.  |       | Value.       |
|--|--------------------|------------------|------------|-------|--------------|
|  |                    |                  | Amount.    | Unit. |              |
| Cereals, total.....  |                    | 1,329,201        | 29,183,197 | Bu... | \$21,908,730 |
| Corn.....  | 42,084             | 647,012          | 17,911,436 | Bu... | 11,015,298   |
| Oats.....  | 8,831              | 49,210           | 1,160,663  | Bu... | 584,395      |
| Wheat, total.....  | 23,358             | 589,893          | 9,463,457  | Bu... | 9,876,480    |
| Common winter.....   | 23,356             | 589,890          | 9,463,392  | Bu... | 9,876,414    |
| Durum or macaroni.....   | 2                  | 3                | 65         | Bu... | 66           |
| Emmer and spelt.....   | 27                 | 92               | 2,171      | Bu... | 1,246        |
| Barley.....  | 1,215              | 4,494            | 135,454    | Bu... | 79,231       |
| Buckwheat.....   | 2,411              | 10,388           | 152,216    | Bu... | 99,216       |
| Rye.....   | 5,181              | 23,093           | 357,592    | Bu... | 252,691      |
| Kafir corn and milo maize.....                                       | 9                  | 19               | 238        | Bu... | 173          |
| Other grains and seeds with acreage report, total <sup>1</sup> ..... |                    | 940              | 7,470      | Bu... | 14,527       |
| Dry edible beans.....  | 312                | 2 196            | 1,833      | Bu... | 3,342        |
| Dry peas.....  | 350                | 2 742            | 5,603      | Bu... | 11,143       |
| Seeds with no acreage report, total.....                             |                    |                  |            |       | 81,577       |
| Timothy seed.....  | 71                 | ( <sup>2</sup> ) | 3,637      | Bu... | 4,641        |
| Clover seed.....   | 703                | ( <sup>2</sup> ) | 8,909      | Bu... | 65,427       |
| Millet seed.....   | 2                  | ( <sup>2</sup> ) | 60         | Bu... | 58           |
| Other tame grass seed.....   | 9                  | ( <sup>2</sup> ) | 2,424      | Bu... | 2,659        |
| Flower and garden seeds.....   | 12                 | ( <sup>2</sup> ) |            |       | 8,792        |
| Hay and forage, total.....   | 29,642             | 398,842          | 477,564    | Tons. | 6,011,749    |
| Timothy alone.....   | 11,737             | 135,941          | 159,690    | Tons. | 2,308,448    |
| Timothy and clover mixed.....  | 15,099             | 200,823          | 215,052    | Tons. | 2,835,980    |
| Clover alone.....  | 4,113              | 26,545           | 32,942     | Tons. | 357,922      |
| Alfalfa.....   | 789                | 3,188            | 6,806      | Tons. | 104,633      |
| Millet or Hungarian grass.....                                       | 711                | 2,122            | 2,819      | Tons. | 31,387       |
| Other tame or cultivated grasses.....                                | 851                | 5,878            | 5,856      | Tons. | 69,734       |
| Wild, salt, or prairie grasses.....                                  | 504                | 4,169            | 5,081      | Tons. | 37,323       |
| Grains cut green.....  | 2,188              | 8,846            | 12,218     | Tons. | 114,882      |
| Coarse forage.....   | 1,251              | 11,327           | 37,032     | Tons. | 150,814      |
| Root forage.....   | 9                  | 8                | 68         | Tons. | 626          |
| Potatoes.....  | 34,870             | 39,299           | 3,444,311  | Bu... | 1,782,954    |
| Sweet potatoes and yams.....   | 11,175             | 7,956            | 1,065,956  | Bu... | 483,751      |
| Tobacco.....   | 4,392              | 26,072           | 17,845,699 | Lbs.. | 1,457,112    |
| Sundry minor crops, total <sup>4</sup> .....                         |                    | 185              |            |       | 19,020       |
| Broom corn.....  | 291                | 19               | 18,599     | Lbs.. | 2,006        |
| Willows.....   | 10                 | 159              | 223,232    | Lbs.. | 16,800       |

<sup>1</sup> Includes small amounts of flaxseed and peanuts.  
<sup>2</sup> A considerable part of this acreage is probably a duplication of other crop acreage.  
<sup>3</sup> The entire acreage from which these seeds were secured is believed to be included in the acreage given elsewhere for hay and forage crops, flowers and plants, etc.  
<sup>4</sup> Includes small amounts of cotton, hemp, and hops.

The fluctuations in the acreages of some of the principal crops during the past 30 years are shown in the next table.

There has been remarkable stability in the number of acres devoted to the leading crops during the past three decades. The greatest acreage of corn was reported in 1879 and the lowest in 1889. The acreage of wheat was greatest in 1899 and lowest in 1889. Since 1889 the acreage of potatoes harvested has shown a steady increase in each decade. Tobacco shows a net loss, while oats have lost over 50 per cent. Hay and forage has made gains in each decade, increasing 6.4 per cent from 1899 to 1909.

| CROP YEAR. | ACRES HARVESTED. |         |         |                 |                  |          |
|------------|------------------|---------|---------|-----------------|------------------|----------|
|            | Corn.            | Oats.   | Wheat.  | Hay and forage. | Potatoes.        | Tobacco. |
| 1909.....  | 647,012          | 49,210  | 589,893 | 398,842         | 39,299           | 26,072   |
| 1899.....  | 658,010          | 44,625  | 634,446 | 374,848         | 26,472           | 42,911   |
| 1889.....  | 586,817          | 99,195  | 510,727 | 372,626         | 24,987           | 30,274   |
| 1879.....  | 664,928          | 101,127 | 569,296 | 259,511         | ( <sup>1</sup> ) | 38,174   |

<sup>1</sup> Not reported.

The following table shows for 1909 and 1899 the percentage which the farms reporting specified crops represented of all farms, the percentage of improved land devoted to these crops, and the percentage of increase or decrease in the acreage of each crop during the decade, together with the average yields and average values per acre for 1909:

| CROP.               | PER CENT OF FARMS REPORTING. |      | PER CENT OF IMPROVED LAND. |                  | Percent of increase in acres: 1899 to 1909 <sup>1</sup> | AVERAGE YIELD PER ACRE. |          | AVERAGE VALUE PER ACRE |      |
|---------------------|------------------------------|------|----------------------------|------------------|---|-------------------------|----------|------------------------|------|
|                     | 1909                         | 1899 | 1909                       | 1899             |   | 1909                    | 1909     | 1909                   | 1909 |
|                     | Corn.....                    | 86.0 | 89.6                       | 19.3             | 18.7  | -1.7                    | 27.7 Bu. | \$17.02                |      |
| Oats.....           | 18.1                         | 17.2 | 1.5                        | 1.3              | 10.3  | 23.6 Bu.                | 11.88    |                        |      |
| Wheat.....          | 47.7                         | 57.2 | 17.6                       | 18.0             | -7.0  | 16.0 Bu.                | 16.74    |                        |      |
| Barley.....         | 2.5                          | 1.0  | 0.1                        | ( <sup>2</sup> ) | 196.6   | 30.1 Bu.                | 17.63    |                        |      |
| Buckwheat.....      | 4.9                          | 4.7  | 0.3                        | 0.2              | 29.1  | 14.7 Bu.                | 9.55     |                        |      |
| Rye.....            | 10.6                         | 9.8  | 0.8                        | 0.6              | 29.9  | 12.7 Bu.                | 8.99     |                        |      |
| Hay and forage..... | 60.6                         | 65.2 | 11.9                       | 10.7             | 6.4   | 1.20 Tons.              | 15.07    |                        |      |
| Potatoes.....       | 71.3                         | 62.1 | 1.2                        | 0.8              | 48.5  | 87.6 Bu.                | 45.37    |                        |      |
| Tobacco.....        | 9.0                          | 11.6 | 0.8                        | 1.2              | -39.2   | 684.5 Lbs.              | 55.89    |                        |      |

<sup>1</sup> A minus sign (-) denotes decrease. <sup>2</sup> Less than one-tenth of 1 per cent.

Corn is grown by more than 4 out of 5 farms, wheat by nearly 5 in 10; oats by less than 1 in 5, rye by 1 in 10, and other cereals by very few. More than 6 farms out of every 10 report hay and forage, and more than 7 out of 10 potatoes. About one-fifth of the improved land is reported in corn, about a sixth in wheat, and about an eighth in hay and forage.

The greatest percentages of increase in acres for the last decade were reported for barley, potatoes, rye, and buckwheat. Decreases are recorded in tobacco, wheat, and corn, and slight increases in oats and hay and forage.

Among the cereals barley holds first place in value per acre, with corn and wheat in close succession. Hay and forage is worth a little less per acre than these crops, but decidedly more than oats, buckwheat, or rye.

Vegetables, flowers and plants, and nursery products: 1909 and 1899.—The next table shows details with regard to vegetables (not including potatoes and sweet potatoes and yams which appear elsewhere), and also with regard to flowers and plants and nursery products.

In 1909 the total acreage of potatoes and other vegetables was 155,339 and their value \$7,996,105. Excluding (so far as separately reported<sup>1</sup>) potatoes and sweet potatoes and yams, the acreage of vegetables was

<sup>1</sup> It is probable that some of the potatoes and sweet potatoes and yams raised in farm gardens were not reported separately by farmers, but were included in their returns for vegetables.

108,084 and their value \$5,729,000, both acreage and value being greater than in 1899. The table distinguishes between farms which make the raising of vegetables a business of some importance (having produced vegetables valued at \$500 or more in 1909) and other farms, on most of which vegetables are raised mainly for home consumption. There were, in 1909, 2,222 farms in the first class, representing more than one-half of the total acreage of vegetables and nearly one-half of the total value, the average acreage of vegetables per farm being 26.9 and the average value of product per acre \$45.40.

The raising of flowers and plants and of nursery products was also of some importance in Maryland, 4,718 acres being devoted to them in 1909, and the output being valued at \$1,053,901. Most of the product was raised on farms where these branches of agriculture were carried on as an important business.

| CROP.   | FARMS REPORTING: 1909 |                        | ACRES.  |         | VALUE OF PRODUCTS. |             |
|---|-----------------------|------------------------|---------|---------|--------------------|-------------|
|   | Number.               | Per cent of all farms. | 1909    | 1899    | 1909               | 1899        |
| Vegetables, other than potatoes and sweet potatoes and yams, total. | 142,351               | 86.6                   | 108,084 | 100,403 | \$5,729,400        | \$3,978,267 |
| Farms reporting a product of \$500 or over.....                     | 2,222                 | 4.5                    | 59,762  | .....   | 2,713,405          | .....       |
| All other farms.....  | 40,129                | 82.0                   | 48,322  | .....   | 3,015,995          | .....       |
| Flowers and plants, total.  | 200                   | 0.4                    | 478     | 174     | 597,001            | 355,862     |
| Farms reporting a product of \$250 or over.....                     | 150                   | 0.3                    | .....   | .....   | 501,098            | .....       |
| All other farms.....  | 44                    | 0.1                    | .....   | .....   | 5,903              | .....       |
| Nursery products, total.  | 71                    | 0.1                    | 4,240   | 1,275   | 456,900            | 123,474     |
| Farms reporting a product of \$250 or over.....                     | 29                    | 0.1                    | .....   | .....   | 449,854            | .....       |
| All other farms.....  | 42                    | 0.1                    | .....   | .....   | 7,046              | .....       |

<sup>1</sup> Does not include 2,414 farms which reported that they had vegetable gardens, but gave no information as to their products.

**Small fruits: 1909 and 1899.**—The following table shows data with regard to small fruits on farms:

| CROP.                             | Number of farms reporting: 1909 | ACRES. |        | Quantity (quarts): 1909 | Value: 1909 |
|-----------------------------------|---------------------------------|--------|--------|-------------------------|-------------|
|                                   |                                 | 1909   | 1899   |                         |             |
| Small fruits, total.....          | .....                           | 16,595 | 17,522 | 26,277,054              | \$1,227,548 |
| Strawberries.....                 | 7,468                           | 14,292 | 13,980 | 23,611,095              | 1,070,072   |
| Blackberries and dewberries       | 979                             | 1,180  | 1,501  | 1,372,164               | 68,817      |
| Raspberries and loganberries..... | 1,333                           | 846    | 1,385  | 959,369                 | 67,516      |
| Currants.....                     | 366                             | 36     | 65     | 34,000                  | 3,183       |
| Gooseberries.....                 | 365                             | 241    | 234    | 300,321                 | 18,000      |
| Other berries.....                | 1                               | (1)    | 357    | 96                      | 5           |

<sup>1</sup> Less than 1 acre.

Strawberries are by far the most important of the small fruits raised in Maryland, with blackberries and dewberries ranking next. The total acreage of small fruits in 1909 was 16,595, and in 1899, 17,522, a decrease of 5.3 per cent. The production in 1909 was 26,277,000 quarts, as compared with 27,958,000 quarts in 1899, and the value was \$1,228,000 in 1909, as compared with \$1,181,000 in 1899.

**Orchard fruits, grapes, nuts, and tropical fruits: 1909 and 1899.**—The following table presents data with regard to orchard fruits, grapes, nuts, and tropical fruits. The acreage devoted to these products was not ascertained. In comparing one year with the other the number of trees or vines of bearing age is on the whole a better index of the general changes or tendencies than the quantity of product, but the data for the censuses of 1910 and 1900 are not closely comparable, and the product is therefore compared, although variations may be due largely to temporarily favorable or unfavorable climatic conditions.

| CROP.                           | TREES OR VINES OF BEARING AGE: 1910 |           | TREES OR VINES NOT OF BEARING AGE: 1910 |           | PRODUCT.               |             |                        |
|---------------------------------|-------------------------------------|-----------|---|-----------|------------------------|-------------|------------------------|
|                                 | Farms reporting.                    | Number.   | Farms reporting.                        | Number.   | 1909                   |             | 1899                   |
|                                 |                                     |           |   |           | Quantity. <sup>1</sup> | Value.      | Quantity. <sup>1</sup> |
| Orchard fruits, total.....      | .....                               | 3,501,772 | .....                                   | 1,671,435 | 2,577,359              | \$1,517,400 | 3,710,666              |
| Apples.....                     | 34,798                              | 1,288,482 | 17,157                                  | 660,685   | 1,822,324              | 902,077     | 3,150,673              |
| Peaches and nectarines.....     | 14,464                              | 1,497,724 | 0,027                                   | 805,003   | 324,609                | 361,617     | 172,303                |
| Pears.....                      | 23,199                              | 540,583   | 7,893                                   | 138,152   | 367,359                | 168,561     | 301,702                |
| Plums and prunes.....           | 10,430                              | 69,996    | 4,398                                   | 29,478    | 13,526                 | 16,192      | 19,945                 |
| Cherries.....                   | 14,002                              | 82,305    | 4,613                                   | 27,774    | 42,315                 | 60,121      | 60,452                 |
| Apricots.....                   | 988                                 | 1,747     | 470                                     | 1,127     | 365                    | 448         | 313                    |
| Quinces.....                    | 5,853                               | 20,936    | 2,288                                   | 9,145     | 0,359                  | 8,383       | ( <sup>2</sup> )       |
| Mulberries.....                 | 1                                   | 1         | 2                                       | 11        | 2                      | 1           | ( <sup>2</sup> )       |
| Unclassified.....               | .....                               | .....     | .....                                   | .....     | .....                  | .....       | 25,278                 |
| Grapes.....                     | 11,718                              | 138,801   | 2,328                                   | 44,690    | 2,152,382              | 53,498      | 1,685,900              |
| Nuts, total.....                | .....                               | 411,780   | .....                                   | 44,227    | 4318,148               | 45,687      | 65,950                 |
| Persian or English walnuts..... | 754                                 | 2,068     | 444                                     | 1,758     | 6,916                  | 745         | 50                     |
| Pecans.....                     | 39                                  | 172       | 63                                      | 460       | 1,717                  | 85          | 50                     |
| Black walnuts.....              | 1,010                               | 5,375     | 101                                     | 1,522     | 274,936                | 2,907       | ( <sup>2</sup> )       |
| Chestnuts.....                  | 91                                  | 3,570     | 10                                      | 154       | 24,342                 | 1,439       | ( <sup>2</sup> )       |
| Unclassified.....               | .....                               | .....     | .....                                   | .....     | .....                  | .....       | 65,850                 |
| Tropical fruits, total.....     | .....                               | 61,433    | .....                                   | 713       | .....                  | 61,393      | .....                  |
| Figs.....                       | 245                                 | 1,432     | 74                                      | 713       | 38,772                 | 1,388       | 100                    |

<sup>1</sup> Expressed in bushels for orchard fruits and pounds for grapes, nuts, and figs.

<sup>2</sup> Included with "unclassified."

<sup>3</sup> Consists of all products not separately named by the enumerator, but grouped under the designation "all other."

<sup>4</sup> Includes almonds, Japanese walnuts, Japanese chestnuts, hickory nuts, butter-nuts, chinquapins, filberts, and hazelnuts.

<sup>5</sup> Includes Japanese persimmons.

The total quantity of orchard fruits produced in 1909 was 2,577,000 bushels, valued at \$1,517,000. Apples contributed nearly three-fourths of this quantity, peaches and nectarines most of the remainder. The production of grapes in 1909 amounted to 2,152,382 pounds, valued at \$53,498, and the production of nuts to 318,148 pounds, valued at \$5,687.

The production of all orchard fruits together in 1909 was 30.5 per cent less in quantity than that in 1899, while the production of grapes increased materially. The value of orchard fruits, however, increased from \$1,266,000 in 1899 to \$1,517,000 in 1909, and that of grapes from \$43,282 in 1899 to \$53,498 in 1909. It should be noted that the values for 1899 include the value of more advanced products derived from orchard fruits or grapes, such as cider, vinegar, dried fruits, and the like, and may therefore involve some duplication, while the values for 1909 relate only to the products in their original condition.

The following table shows the quantities of the more advanced products manufactured by farmers from orchard fruits and grapes. Values were not called for on the schedule.

| PRODUCT.                  | FARMS REPORTING: 1909 |                        | QUANTITY PRODUCED. |         |           |
|---------------------------|-----------------------|------------------------|--------------------|---------|-----------|
|                           | Num-ber.              | Per cent of all farms. | Unit.              | 1909    | 1899      |
| Cider.....                | 7,499                 | 15.3                   | Gals....           | 970,705 | 1,339,979 |
| Vinegar.....              | 3,333                 | 6.8                    | Gals....           | 226,460 | 395,632   |
| Wine and grape juice..... | 1,376                 | 2.8                    | Gals....           | 20,733  | 15,524    |
| Dried fruits.....         | 1,017                 | 2.1                    | Lbs....            | 39,292  | 89,770    |

Sugar crops: 1909 and 1899.—The table below shows data with regard to maple trees and their products, and also for sugar beets and sorghum cane, which in this state are unimportant.

| PRODUCT.                             | FARMS REPORTING. |                        | Acres.  | PRODUCT. |         |          |
|--------------------------------------|------------------|------------------------|---------|----------|---------|----------|
|                                      | Num-ber.         | Per cent of all farms. |         | Amount.  | Unit.   | Value.   |
| Maple sugar and sirup:               |                  |                        |         |          |         |          |
| Total, 1909.....                     | 218              | 0.4                    | 179,658 |          |         | \$34,386 |
| Sugar made.....                      | 164              | 0.3                    |         | 351,908  | Lbs.... | 24,985   |
| Sirup made.....                      | 202              | 0.4                    |         | 12,172   | Gals..  | 9,401    |
| Total, 1899.....                     | 209              | 0.5                    |         |          |         | 24,183   |
| Sugar made.....                      |                  |                        |         | 264,160  | Lbs..   | 20,561   |
| Sirup made.....                      |                  |                        |         | 5,825    | Gals..  | 3,622    |
| Sugar beets, 1909 <sup>1</sup> ..... | 8                | ( <sup>2</sup> )       | 5       | 81       | Tons..  | 541      |
| Sorghum cane:                        |                  |                        |         |          |         |          |
| Total, 1909 <sup>1</sup> .....       |                  |                        |         |          |         | 1,415    |
| Cane grown.....                      | 72               | 0.1                    | 75      | 275      | Tons..  |          |
| Sirup made.....                      | 64               | 0.1                    |         | 1,782    | Gals..  | 840      |
| Total, 1899.....                     |                  |                        |         |          |         | 1,873    |
| Cane grown.....                      | 144              | 0.3                    | 63      | 435      | Tons..  |          |
| Cane sold as such.....               |                  |                        |         | 104      | Tons..  | 314      |
| Sirup made.....                      |                  |                        |         | 4,058    | Gals..  | 1,559    |

<sup>1</sup> Number of trees. <sup>2</sup> Less than one-tenth of 1 per cent.  
<sup>3</sup> Used as root forage. <sup>4</sup> Includes cane used as coarse forage.

The total value of maple sugar and sirup produced in 1909 was \$34,386, as compared with \$24,183 in 1899.

Forest products: 1909 and 1899.—The census schedules for 1910 called for the "value of all firewood, fencing material, logs, railroad ties, telegraph and telephone poles, materials for barrels, bark, naval stores, or other forest products cut or produced in 1909, whether used on farm, sold, or on hand April 15, 1910;" and also, in a separate item, for the "amount received from sale of standing timber in 1909." There were 27,231 farms in Maryland (55.7 per cent of all farms in the state) which reported forest products in 1909, the total value of such products being \$2,349,045, as compared with \$1,170,362 in 1899, an increase of 100.7 per cent. Of the value in 1909, \$1,275,716 was reported as that of products used or to be used on the farms themselves, \$785,801 as that of products sold or for sale, and \$287,528 as the amount received for standing timber. It should be noted that forest products not produced on farms are not included in this report.

Miscellaneous crops: 1909.—Straw and cornstalks derived as by-products from the production of grain and corn have a considerable value for feed and other purposes. They are, however, mainly consumed on the farms producing them. The Census Bureau made no attempt to ascertain the total quantity or value of these products, but the schedules called for the quantity and value of those sold during the year 1909. The returns show that 2,245 farmers in Maryland sold, during 1909, 21,815 tons of straw, for which they received \$164,825, and that 820 farmers sold 3,799 tons of cornstalks and leaves, for which they received \$21,690.

SELECTED FARM EXPENSES AND RECEIPTS.

Farm expenses: 1909 and 1899.—The next table shows the number of farms reporting expenditures for labor, feed, and fertilizer at the census of 1910, as well as the sums expended in 1909 and 1899.

Three-fourths of the farmers report some expenditure for fertilizer, and almost half report some expenditure for feed. The total amount reported as paid for fertilizer shows an increase of 29.4 per cent since 1899, and averages \$91.18 per farm for those reporting.

| EXPENSE.        | 1909             |                        | Amount.     | 1899             | INCREASE.   |         |           |
|-----------------|------------------|------------------------|-------------|------------------|-------------|---------|-----------|
|                 | Farms reporting. |                        |             |                  | Amount.     | Amount. | Per cent. |
|                 | Number.          | Per cent of all farms. |             |                  |             |         |           |
| Labor.....      | 31,982           | 65.4                   | \$8,802,172 | \$5,715,520      | \$3,086,652 | 54.0    |           |
| Feed.....       | 23,198           | 47.4                   | 2,445,065   | ( <sup>1</sup> ) |             |         |           |
| Fertilizer..... | 37,154           | 75.9                   | 3,387,634   | 2,618,890        | 768,744     | 29.4    |           |

<sup>1</sup> Not reported at the census of 1900.

Receipts from sale of feedable crops: 1909.—An effort was made at the census of 1910 to secure as complete a statement as possible of the sales as well

as of the production of the more important feedable crops (that is, crops ordinarily fed to live stock). The following table summarizes the data reported:

| CROP.                      | FARMS REPORTING. |                        | QUANTITY SOLD. |        | Amount received. |
|----------------------------|------------------|------------------------|----------------|--------|------------------|
|                            | Number.          | Per cent of all farms. | Amount.        | Unit.  |                  |
| Total.....                 |                  |                        |                |        | \$3,240,590      |
| Corn.....                  | 11,347           | 23.2                   | 3,385,113      | Bu.... | 2,115,625        |
| Oats.....                  | 1,264            | 2.6                    | 115,985        | Bu.... | 68,076           |
| Barley.....                | 148              | 0.3                    | 11,317         | Bu.... | 7,496            |
| Hay and coarse forage..... | 6,187            | 12.6                   | 75,565         | Tons.. | 1,059,393        |

While the total amount expended by Maryland farmers for the purchase of feed in 1909 was \$2,445,000, the total receipts from the sale of feed by those reporting sales amounted to \$3,241,000.

COUNTY TABLES.

Tables 1 to 6, which follow, present by counties the more important agricultural data collected at the Thirteenth Census, 1910.







TABLE 1.—FARMS AND FARM PROPERTY, BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in italics.]

|   | Montgomery. | Prince Georges. | Queen Annes. | St. Marys. | Somerset. | Talbot.    | Washington. | Wicomico. | Worcester. |
|---|-------------|-----------------|--------------|------------|-----------|------------|-------------|-----------|------------|
| <b>Population</b> .....                           | 32,089      | 36,147          | 10,839       | 17,030     | 26,455    | 19,020     | 49,617      | 26,815    | 21,841     |
| Population in 1900.....                           | 30,451      | 36,898          | 18,304       | 17,188     | 25,028    | 20,348     | 45,133      | 22,852    | 20,866     |
| <b>Number of all farms</b> .....                  | 2,442       | 2,288           | 1,421        | 1,625      | 1,936     | 1,207      | 2,466       | 2,678     | 2,344      |
| Number of all farms in 1900.....                  | 2,085       | 2,374           | 1,459        | 1,298      | 1,521     | 1,100      | 2,303       | 2,314     | 1,987      |
| <b>Color and nativity of farmers:</b>             |             |                 |              |            |           |            |             |           |            |
| Native white.....                                 | 2,042       | 1,675           | 1,180        | 1,149      | 1,392     | 1,020      | 2,434       | 2,233     | 1,850      |
| Foreign-born white.....                           | 51          | 133             | 17           | 38         | 20        | 75         | 10          | 8         | 13         |
| Negro and other nonwhite.....                     | 349         | 480             | 224          | 438        | 574       | 202        | 22          | 407       | 481        |
| <b>Number of farms, classified by size:</b>       |             |                 |              |            |           |            |             |           |            |
| Under 3 acres.....                                | 6           | 13              | 3            | 1          | 1         | 2          | 3           | 3         | 5          |
| 3 to 9 acres.....                                 | 367         | 289             | 106          | 158        | 452       | 178        | 265         | 315       | 196        |
| 10 to 19 acres.....                               | 239         | 300             | 107          | 130        | 316       | 127        | 207         | 327       | 230        |
| 20 to 49 acres.....                               | 338         | 454             | 147          | 238        | 388       | 153        | 303         | 600       | 468        |
| 50 to 99 acres.....                               | 404         | 356             | 102          | 309        | 319       | 158        | 499         | 708       | 539        |
| 100 to 174 acres.....                             | 531         | 425             | 304          | 413        | 239       | 326        | 677         | 506       | 538        |
| 175 to 259 acres.....                             | 283         | 211             | 291          | 221        | 114       | 200        | 252         | 145       | 218        |
| 260 to 499 acres.....                             | 246         | 198             | 207          | 129        | 80        | 131        | 104         | 59        | 111        |
| 500 to 999 acres.....                             | 28          | 37              | 32           | 24         | 24        | 19         | 6           | 11        | 33         |
| 1,000 acres and over.....                         |             | 5               | 2            | 2          | 3         | 3          |             | 3         | 0          |
| <b>LAND AND FARM AREA</b>                         |             |                 |              |            |           |            |             |           |            |
| Approximate land area.....acres..                 | 333,440     | 308,480         | 233,600      | 237,440    | 211,840   | 171,520    | 293,760     | 237,440   | 316,800    |
| Land in farms.....acres..                         | 273,270     | 240,036         | 219,072      | 192,787    | 146,270   | 163,038    | 231,101     | 197,521   | 234,525    |
| Land in farms in 1900.....acres..                 | 283,489     | 265,008         | 224,143      | 192,803    | 144,870   | 164,708    | 240,221     | 207,284   | 241,284    |
| Improved land in farms.....acres..                | 209,153     | 154,414         | 171,614      | 98,247     | 76,449    | 117,728    | 191,842     | 109,092   | 121,830    |
| Improved land in farms in 1900.....acres..        | 212,840     | 174,873         | 172,896      | 109,553    | 82,650    | 119,266    | 197,543     | 122,453   | 122,549    |
| Woodland in farms.....acres..                     | 59,409      | 77,391          | 37,848       | 81,499     | 54,879    | 38,859     | 38,870      | 79,446    | 99,850     |
| Other unimproved land in farms.....acres..        | 4,708       | 8,231           | 9,610        | 13,041     | 14,942    | 6,751      | 3,779       | 9,233     | 12,845     |
| Per cent of land area in farms.....               | 82.0        | 77.8            | 93.8         | 81.2       | 69.0      | 95.1       | 78.7        | 83.3      | 74.0       |
| Per cent of farm land improved.....               | 76.5        | 64.3            | 78.3         | 61.0       | 52.3      | 72.2       | 83.0        | 55.1      | 61.9       |
| Average acres per farm.....                       | 111.9       | 104.9           | 154.2        | 118.6      | 73.6      | 125.7      | 93.8        | 73.9      | 100.1      |
| Average improved acres per farm.....              | 85.6        | 67.5            | 120.8        | 60.5       | 38.5      | 90.8       | 77.8        | 40.7      | 52.0       |
| <b>VALUE OF FARM PROPERTY</b>                     |             |                 |              |            |           |            |             |           |            |
| All farm property.....dollars..                   | 20,858,469  | 13,063,674      | 11,808,920   | 4,777,249  | 6,650,637 | 11,645,414 | 18,526,366  | 7,045,091 | 6,786,106  |
| All farm property in 1900.....dollars..           | 16,079,668  | 9,893,978       | 7,533,893    | 3,308,104  | 3,159,553 | 6,955,071  | 13,613,250  | 3,449,389 | 3,619,828  |
| Per cent increase, 1900-1910.....                 | 38.3        | 40.1            | 55.7         | 44.5       | 110.7     | 67.4       | 37.1        | 104.4     | 87.5       |
| Land.....dollars..                                | 12,678,278  | 7,871,497       | 7,489,507    | 2,409,322  | 3,857,700 | 7,202,390  | 11,170,869  | 4,263,218 | 4,074,946  |
| Land in 1900.....dollars..                        | 9,491,830   | 5,710,680       | 4,568,610    | 1,826,470  | 1,022,690 | 4,200,070  | 8,223,320   | 1,923,360 | 1,978,540  |
| Buildings.....dollars..                           | 5,193,530   | 3,807,187       | 2,184,083    | 1,373,392  | 1,826,530 | 2,644,429  | 4,033,750   | 1,724,576 | 1,584,939  |
| Buildings in 1900.....dollars..                   | 3,825,170   | 2,877,410       | 1,590,780    | 870,850    | 805,000   | 1,690,700  | 3,652,000   | 888,380   | 878,290    |
| Implements and machinery.....dollars..            | 733,843     | 483,626         | 472,474      | 220,503    | 270,848   | 495,194    | 671,907     | 264,194   | 249,002    |
| Implements, etc., in 1900.....dollars..           | 376,010     | 235,380         | 384,460      | 163,380    | 157,080   | 304,280    | 616,350     | 171,640   | 178,400    |
| Domestic animals, poultry, and bees.....dollars.. | 2,282,768   | 1,096,364       | 1,692,855    | 714,332    | 695,499   | 1,303,401  | 2,049,840   | 793,103   | 877,219    |
| Domestic animals, etc., in 1900.....dollars..     | 1,436,553   | 712,118         | 1,049,553    | 460,554    | 331,843   | 769,531    | 1,221,620   | 409,069   | 689,688    |
| <b>Per cent of value of all property in—</b>      |             |                 |              |            |           |            |             |           |            |
| Land.....   | 60.8        | 60.3            | 63.4         | 51.7       | 58.0      | 61.8       | 60.3        | 60.5      | 60.0       |
| Buildings.....                                    | 24.8        | 27.6            | 18.2         | 28.7       | 27.5      | 22.7       | 25.0        | 24.5      | 23.4       |
| Implements and machinery.....                     | 3.5         | 3.7             | 4.0          | 4.6        | 4.1       | 4.3        | 3.6         | 3.8       | 3.7        |
| Domestic animals, poultry, and bees.....          | 10.9        | 8.4             | 14.3         | 14.9       | 10.5      | 11.2       | 11.1        | 11.3      | 12.9       |
| <b>Average values:</b>                            |             |                 |              |            |           |            |             |           |            |
| All property per farm.....dollars..               | 8,542       | 5,710           | 8,310        | 2,940      | 3,349     | 8,979      | 7,513       | 2,631     | 2,895      |
| Land and buildings per farm.....dollars..         | 7,306       | 5,017           | 6,786        | 2,365      | 2,862     | 7,592      | 6,409       | 2,236     | 2,415      |
| Land per acre.....dollars..                       | 40.89       | 32.79           | 34.19        | 12.81      | 26.37     | 44.18      | 48.32       | 21.55     | 17.38      |
| Land per acre in 1900.....dollars..               | 53.43       | 31.55           | 30.34        | 9.43       | 11.10     | 25.49      | 33.00       | 9.22      | 8.19       |
| <b>DOMESTIC ANIMALS (farms and ranges)</b>        |             |                 |              |            |           |            |             |           |            |
| Farms reporting domestic animals.....             | 2,301       | 2,150           | 1,397        | 1,548      | 1,774     | 1,253      | 2,385       | 2,460     | 2,253      |
| Value of domestic animals.....dollars..           | 2,163,518   | 1,026,067       | 1,622,807    | 663,450    | 641,052   | 1,230,710  | 1,049,412   | 711,780   | 780,348    |
| <b>Cattle:</b>                                    |             |                 |              |            |           |            |             |           |            |
| Total number.....                                 | 17,872      | 8,062           | 11,861       | 7,999      | 3,725     | 8,487      | 17,281      | 4,416     | 6,932      |
| Dairy cows.....                                   | 10,322      | 4,705           | 7,447        | 3,375      | 2,003     | 5,374      | 9,288       | 2,654     | 3,900      |
| Other cows.....                                   | 1,014       | 650             | 564          | 486        | 351       | 407        | 1,409       | 198       | 708        |
| Yearling heifers.....                             | 1,744       | 653             | 941          | 562        | 350       | 702        | 1,743       | 335       | 641        |
| Calves.....                                       | 1,860       | 1,019           | 2,281        | 900        | 490       | 1,304      | 2,820       | 400       | 910        |
| Yearling steers and bulls.....                    | 535         | 273             | 234          | 410        | 110       | 140        | 1,115       | 96        | 233        |
| Other steers and bulls.....                       | 2,397       | 762             | 394          | 2,206      | 352       | 360        | 906         | 724       | 535        |
| Value.....dollars..                               | 573,188     | 224,269         | 293,821      | 185,749    | 100,850   | 220,947    | 417,434     | 132,850   | 141,229    |
| <b>Horses:</b>                                    |             |                 |              |            |           |            |             |           |            |
| Total number.....                                 | 10,890      | 6,745           | 7,409        | 4,202      | 3,080     | 5,265      | 11,106      | 3,888     | 3,734      |
| Mature horses.....                                | 9,353       | 6,220           | 6,271        | 3,627      | 2,800     | 4,726      | 9,203       | 3,007     | 3,358      |
| Yearling colts.....                               | 953         | 414             | 730          | 345        | 125       | 360        | 1,131       | 180       | 237        |
| Spring colts.....                                 | 524         | 111             | 408          | 170        | 86        | 170        | 772         | 101       | 139        |
| Value.....dollars..                               | 1,379,313   | 642,602         | 712,495      | 368,081    | 350,005   | 544,864    | 1,282,668   | 374,038   | 352,024    |
| <b>Mules:</b>                                     |             |                 |              |            |           |            |             |           |            |
| Total number.....                                 | 268         | 449             | 2,465        | 208        | 1,164     | 1,873      | 203         | 1,350     | 1,880      |
| Mature mules.....                                 | 253         | 437             | 2,192        | 161        | 1,105     | 1,751      | 197         | 1,317     | 1,787      |
| Yearling colts.....                               | 6           | 10              | 195          | 32         | 43        | 94         | 6           | 28        | 77         |
| Spring colts.....                                 | 9           | 2               | 78           | 15         | 16        | 28         |             | 5         | 16         |
| Value.....dollars..                               | 36,291      | 53,867          | 319,982      | 21,555     | 148,002   | 254,077    | 26,935      | 154,583   | 219,404    |
| <b>Asses and burros:</b>                          |             |                 |              |            |           |            |             |           |            |
| Number.....                                       | 1           | 3               | 7            |            | 6         | 10         |             | 2         | 9          |
| Value.....dollars..                               | 20          | 1,800           | 3,700        |            | 1,050     | 7,825      |             | 450       | 840        |
| <b>Swine:</b>                                     |             |                 |              |            |           |            |             |           |            |
| Total number.....                                 | 16,633      | 10,021          | 14,846       | 11,861     | 5,693     | 11,987     | 26,989      | 7,053     | 8,543      |
| Mature hogs.....                                  | 10,299      | 6,945           | 9,742        | 8,571      | 3,329     | 7,718      | 19,053      | 4,656     | 5,094      |
| Spring pigs.....                                  | 6,334       | 3,076           | 5,104        | 3,290      | 2,364     | 4,269      | 7,936       | 2,397     | 3,449      |
| Value.....dollars..                               | 119,331     | 53,922          | 78,567       | 51,308     | 37,234    | 64,718     | 140,691     | 45,539    | 48,504     |
| <b>Sheep:</b>                                     |             |                 |              |            |           |            |             |           |            |
| Total number.....                                 | 11,529      | 9,233           | 38,603       | 8,448      | 927       | 26,479     | 17,088      | 1,321     | 4,809      |
| Rams, ewes, and wethers.....                      | 5,824       | 5,187           | 18,630       | 4,678      | 521       | 13,301     | 8,901       | 766       | 2,800      |
| Spring lambs.....                                 | 5,705       | 4,046           | 20,273       | 3,770      | 406       | 13,178     | 8,187       | 555       | 2,009      |
| Value.....dollars..                               | 55,316      | 45,084          | 214,177      | 35,856     | 4,175     | 144,254    | 75,379      | 4,302     | 18,133     |
| <b>Goats:</b>                                     |             |                 |              |            |           |            |             |           |            |
| Number.....                                       | 7           | 25              | 16           | 140        | 6         | 9          | 94          | 6         | 43         |
| Value.....dollars..                               | 59          | 143             | 65           | 907        | 30        | 25         | 305         | 18        | 209        |
| <b>POULTRY AND BEES</b>                           |             |                 |              |            |           |            |             |           |            |
| Number of poultry of all kinds.....               | 172,321     | 96,781          | 93,350       | 67,364     | 79,334    | 87,968     | 170,388     | 127,873   | 150,145    |
| Value.....dollars..                               | 112,901     | 65,376          | 69,695       | 48,943     | 52,461    | 64,661     | 97,282      | 73,953    | 95,680     |
| Number of colonies of bees.....                   | 1,865       | 1,229           | 184          | 532        | 1,022     | 550        | 1,593       | 1,612     | 841        |
| Value.....dollars..                               | 6,349       | 4,921           | 354          | 1,633      | 686       | 2,030      | 3,146       | 2,370     | 1,195      |

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TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS CLASSIFIED BY TENURE; COLOR AND NATIVITY OF FARMERS; AND MORTGAGE DEBT, BY COUNTIES: APRIL 15, 1910.

[Comparative data for June 1, 1900, in italics.]

|   | THE STATE.       |                  |                | Allegheny.    | Anne Arundel. | Baltimore.     | Baltimore City. | Calvert.      | Caroline.     |
|---|------------------|------------------|----------------|---------------|---------------|----------------|-----------------|---------------|---------------|
|   | Total.           | White.           | Colored.       |               |               |                |                 |               |               |
| <b>FARMS OPERATED BY OWNERS</b>                   |                  |                  |                |               |               |                |                 |               |               |
| 1 Number of farms.....                            | 33,519           | 29,559           | 3,950          | 830           | 1,369         | 3,131          | 12              | 702           | 1,333         |
| 2 <i>Number of farms in 1900.....</i>             | <i>29,513</i>    | <i>29,251</i>    | <i>2,852</i>   | <i>673</i>    | <i>1,159</i>  | <i>3,151</i>   | <i>38</i>       | <i>605</i>    | <i>1,069</i>  |
| 3 Per cent of all farms.....                      | 68.5             | 69.5             | 62.0           | 81.1          | 67.2          | 74.9           | 52.2            | 65.0          | 62.7          |
| 4 <i>Per cent of all farms in 1900.....</i>       | <i>64.1</i>      | <i>69.4</i>      | <i>55.8</i>    | <i>75.8</i>   | <i>60.3</i>   | <i>70.1</i>    | <i>55.3</i>     | <i>58.2</i>   | <i>57.4</i>   |
| 5 Land in farms..... acres                        | 2,905,318        | 2,783,379        | 122,039        | 124,503       | 117,691       | 210,674        | 529             | 65,842        | 98,539        |
| 6 <i>Improved land in farms..... acres.</i>       | <i>1,883,482</i> | <i>1,806,918</i> | <i>76,564</i>  | <i>53,575</i> | <i>79,237</i> | <i>153,302</i> | <i>310</i>      | <i>39,585</i> | <i>67,000</i> |
| 7 Value of land and buildings..... dollars        | 132,810,705      | 128,835,932      | 3,974,773      | 2,468,783     | 5,588,362     | 19,967,631     | 428,300         | 1,262,741     | 3,974,487     |
| <b>Degree of ownership:</b>                       |                  |                  |                |               |               |                |                 |               |               |
| 8 Farms consisting of owned land only.....        | 31,120           | 27,819           | 3,301          | 773           | 1,221         | 2,932          | 12              | 673           | 1,230         |
| 9 Farms consisting of owned and hired land.....   | 2,399            | 1,750            | 649            | 57            | 148           | 199            | .....           | 29            | 103           |
| <b>Color and nativity of owners:</b>              |                  |                  |                |               |               |                |                 |               |               |
| 10 Native white.....                              | 28,047           | 28,047           | .....          | 793           | 904           | 2,652          | 9               | 449           | 958           |
| 11 Foreign-born white.....                        | 1,522            | 1,522            | .....          | 35            | 227           | 385            | 3               | 1             | 108           |
| 12 Negro and other nonwhite.....                  | 3,950            | .....            | 3,950          | 2             | 238           | 94             | .....           | 252           | 267           |
| <b>FARMS OPERATED BY TENANTS</b>                  |                  |                  |                |               |               |                |                 |               |               |
| 13 Number of farms.....                           | 14,416           | 12,081           | 2,335          | 176           | 601           | 859            | 10              | 376           | 771           |
| 14 <i>Number of farms in 1900.....</i>            | <i>15,447</i>    | <i>12,971</i>    | <i>2,478</i>   | <i>198</i>    | <i>694</i>    | <i>1,161</i>   | <i>68</i>       | <i>468</i>    | <i>780</i>    |
| 15 Per cent of all farms.....                     | 29.5             | 28.4             | 36.6           | 17.2          | 29.5          | 20.6           | 43.5            | 34.8          | 36.3          |
| 16 <i>Per cent of all farms in 1900.....</i>      | <i>35.6</i>      | <i>32.5</i>      | <i>48.4</i>    | <i>22.1</i>   | <i>36.7</i>   | <i>25.8</i>    | <i>39.0</i>     | <i>42.5</i>   | <i>41.9</i>   |
| 17 Land in farms..... acres                       | 1,944,531        | 1,721,414        | 223,117        | 31,265        | 76,914        | 87,676         | 701             | 57,804        | 83,320        |
| 18 <i>Improved land in farms..... acres.</i>      | <i>1,342,016</i> | <i>1,209,013</i> | <i>133,003</i> | <i>13,624</i> | <i>51,020</i> | <i>58,674</i>  | <i>583</i>      | <i>34,152</i> | <i>57,506</i> |
| 19 Value of land and buildings..... dollars       | 84,457,677       | 79,285,216       | 5,172,461      | 695,940       | 2,902,340     | 9,068,363      | 552,800         | 861,642       | 3,290,670     |
| <b>Form of tenancy:</b>                           |                  |                  |                |               |               |                |                 |               |               |
| 20 Share tenants.....                             | 10,118           | 8,433            | 1,685          | 48            | 359           | 191            | .....           | 346           | 640           |
| 21 Share-cash tenants.....                        | 204              | 169              | 35             | 11            | 4             | 21             | .....           | .....         | 13            |
| 22 Cash tenants.....                              | 2,938            | 2,533            | 405            | 113           | 188           | 486            | 7               | 26            | 99            |
| 23 Tenure not specified.....                      | 1,156            | 946              | 210            | 4             | 50            | 161            | 3               | 4             | 19            |
| <b>Color and nativity of tenants:</b>             |                  |                  |                |               |               |                |                 |               |               |
| 24 Native white.....                              | 11,797           | 11,797           | .....          | 164           | 389           | 726            | 9               | 205           | 631           |
| 25 Foreign-born white.....                        | 284              | 284              | .....          | 10            | 37            | 98             | 1               | .....         | 16            |
| 26 Negro and other nonwhite.....                  | 2,335            | .....            | 2,335          | 2             | 175           | 35             | .....           | 171           | 124           |
| <b>FARMS OPERATED BY MANAGERS</b>                 |                  |                  |                |               |               |                |                 |               |               |
| 27 Number of farms.....                           | 988              | 901              | 87             | 17            | 68            | 188            | 1               | 2             | 22            |
| 28 <i>Number of farms in 1900.....</i>            | <i>1,052</i>     | <i>947</i>       | <i>105</i>     | <i>18</i>     | <i>59</i>     | <i>184</i>     | <i>3</i>        | <i>4</i>      | <i>14</i>     |
| 29 Land in farms..... acres                       | 207,291          | 193,930          | 13,361         | 7,519         | 13,640        | 28,132         | 178             | 1,049         | 5,019         |
| 30 <i>Improved land in farms..... acres.</i>      | <i>129,269</i>   | <i>120,254</i>   | <i>9,015</i>   | <i>3,214</i>  | <i>8,870</i>  | <i>18,495</i>  | <i>168</i>      | <i>391</i>    | <i>3,700</i>  |
| 31 Value of land and buildings..... dollars       | 24,468,741       | 23,296,191       | 1,172,550      | 184,550       | 6,700,125     | 7,472,175      | 89,000          | 16,500        | 268,237       |
| <b>MORTGAGE DEBT REPORTS<sup>1</sup></b>          |                  |                  |                |               |               |                |                 |               |               |
| <b>For all farms operated by owners:</b>          |                  |                  |                |               |               |                |                 |               |               |
| 32 Number free from mortgage debt.....            | 21,094           | 18,502           | 2,582          | 593           | 900           | 1,809          | 6               | 524           | 703           |
| 33 Number with mortgage debt.....                 | 12,127           | 10,793           | 1,334          | 232           | 451           | 1,259          | 4               | 176           | 560           |
| 34 Number with no mortgage report.....            | 308              | 274              | 34             | 5             | 18            | 63             | 2               | 2             | 5             |
| <b>For farms consisting of owned land only:</b>   |                  |                  |                |               |               |                |                 |               |               |
| 35 Number reporting debt and amount.....          | 10,754           | 9,698            | 1,056          | 196           | 393           | 1,106          | 4               | 163           | 494           |
| 36 Value of their land and buildings..... dollars | 44,398,721       | 43,196,137       | 1,202,584      | 727,701       | 1,694,480     | 6,133,993      | 103,500         | 274,230       | 1,612,705     |
| 37 Amount of mortgage debt..... dollars           | 15,673,773       | 15,315,283       | 358,490        | 247,980       | 518,203       | 1,947,275      | 28,800          | 87,026        | 593,105       |
| 38 Per cent of value of land and buildings.....   | 35.3             | 35.5             | 29.8           | 34.1          | 30.6          | 31.7           | 27.8            | 31.7          | 36.8          |

<sup>1</sup> No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909.

| <b>LIVE STOCK PRODUCTS</b>  |                   |       |       |                |                |                  |               |               |                |
|---|-------------------|-------|-------|----------------|----------------|------------------|---------------|---------------|----------------|
| <b>Dairy Products</b>   |                   |       |       |                |                |                  |               |               |                |
| 1 Dairy cows on farms reporting dairy products.....                           | 153,548           | ..... | ..... | 3,330          | 3,161          | 16,962           | 179           | 1,640         | 4,115          |
| 2 Dairy cows on farms reporting milk produced.....                            | 114,872           | ..... | ..... | 2,103          | 2,382          | 11,998           | 85            | 1,450         | 4,091          |
| 3 Milk—Produced..... gallons  | 41,094,421        | ..... | ..... | 764,326        | 724,584        | 5,889,472        | 58,790        | 322,534       | 843,924        |
| 4 <i>Sold..... gallons.</i>   | <i>10,424,325</i> | ..... | ..... | <i>398,520</i> | <i>284,331</i> | <i>4,563,658</i> | <i>79,430</i> | <i>5,785</i>  | <i>106,526</i> |
| 5 Cream sold..... gallons   | 455,496           | ..... | ..... | 4,584          | 1,323          | 42,700           | .....         | 530           | 525            |
| 6 Butter fat sold..... pounds   | 343,148           | ..... | ..... | .....          | .....          | 404              | .....         | .....         | .....          |
| 7 Butter—Produced..... pounds   | 8,739,620         | ..... | ..... | 210,268        | 177,144        | 848,791          | 530           | 78,075        | 249,660        |
| 8 <i>Sold..... pounds.</i>  | <i>5,682,228</i>  | ..... | ..... | <i>135,486</i> | <i>50,893</i>  | <i>564,682</i>   | <i>60</i>     | <i>12,895</i> | <i>124,834</i> |
| 9 Cheese—Produced..... pounds   | 259,386           | ..... | ..... | 325            | 325            | 248,156          | .....         | .....         | .....          |
| 10 <i>Sold..... pounds.</i>   | <i>251,071</i>    | ..... | ..... | <i>.....</i>   | <i>.....</i>   | <i>241,310</i>   | <i>.....</i>  | <i>.....</i>  | <i>.....</i>   |
| 11 Value of dairy products, excluding home use of milk and cream..... dollars | 5,480,900         | ..... | ..... | 139,839        | 133,785        | 1,107,058        | 21,229        | 20,499        | 69,251         |
| 12 Receipts from sale of dairy products..... dollars                          | 4,784,232         | ..... | ..... | 122,403        | 101,430        | 1,034,676        | 21,088        | 5,376         | 42,646         |
| <b>Poultry Products</b>   |                   |       |       |                |                |                  |               |               |                |
| 13 Poultry—Raised..... number   | 5,568,745         | ..... | ..... | 62,263         | 192,400        | 429,189          | 1,721         | 122,298       | 256,935        |
| 14 <i>Sold..... number.</i>   | <i>2,273,501</i>  | ..... | ..... | <i>27,043</i>  | <i>63,544</i>  | <i>185,117</i>   | <i>565</i>    | <i>47,422</i> | <i>100,098</i> |
| 15 Eggs—Produced..... dozens  | 14,404,013        | ..... | ..... | 197,586        | 328,960        | 1,203,390        | 5,143         | 103,416       | 693,460        |
| 16 <i>Sold..... dozens.</i>   | <i>10,526,537</i> | ..... | ..... | <i>113,453</i> | <i>183,541</i> | <i>818,173</i>   | <i>1,575</i>  | <i>49,081</i> | <i>534,412</i> |
| 17 Value of poultry and eggs produced..... dollars                            | 5,831,611         | ..... | ..... | 67,223         | 164,473        | 491,972          | 2,437         | 78,123        | 279,275        |
| 18 Receipts from sale of poultry and eggs..... dollars                        | 3,504,916         | ..... | ..... | 35,540         | 69,809         | 281,535          | 789           | 36,433        | 169,433        |
| <b>Honey and Wax</b>  |                   |       |       |                |                |                  |               |               |                |
| 19 Honey produced..... pounds   | 306,367           | ..... | ..... | 17,761         | 2,449          | 21,894           | .....         | 1,564         | 13,762         |
| 20 Wax produced..... pounds   | 4,358             | ..... | ..... | 308            | 42             | 603              | .....         | 9             | 315            |
| 21 Value of honey and wax produced..... dollars                               | 39,244            | ..... | ..... | 2,415          | 421            | 3,756            | .....         | 215           | 1,781          |
| <b>Wool, Mohair, and Goat Hair</b>  |                   |       |       |                |                |                  |               |               |                |
| 22 Wool, fleeces shorn..... number  | 104,136           | ..... | ..... | 1,440          | 3,621          | 1,593            | .....         | 1,857         | 1,504          |
| 23 Mohair and goat hair, fleeces shorn..... number                            | 465               | ..... | ..... | 129            | 12             | 1                | .....         | .....         | .....          |
| 24 Value of wool and mohair produced..... dollars                             | 170,731           | ..... | ..... | 2,124          | 5,537          | 2,622            | .....         | 2,653         | 2,456          |
| <b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>                                   |                   |       |       |                |                |                  |               |               |                |
| 25 Calves—Sold or slaughtered..... number                                     | 94,469            | ..... | ..... | 1,635          | 1,659          | 8,854            | 50            | 958           | 1,990          |
| 26 Other cattle—Sold or slaughtered..... number                               | 62,733            | ..... | ..... | 1,311          | 768            | 4,336            | 83            | 291           | 1,514          |
| 27 Horses, mules, and asses and burros—<br><i>Sold..... number.</i>           | <i>12,495</i>     | ..... | ..... | <i>90</i>      | <i>267</i>     | <i>902</i>       | <i>3</i>      | <i>89</i>     | <i>497</i>     |
| 28 Swine—Sold or slaughtered..... number                                      | 323,821           | ..... | ..... | 3,971          | 7,782          | 20,573           | .....         | 5,430         | 10,402         |
| 29 Sheep and goats—Sold or slaughtered..... number                            | 80,111            | ..... | ..... | 768            | 1,380          | 702              | .....         | 950           | 1,058          |
| 30 Receipts from sale of animals..... dollars                                 | 5,399,896         | ..... | ..... | 61,232         | 70,172         | 385,137          | 3,662         | 27,992        | 123,985        |
| 31 Value of animals slaughtered..... dollars                                  | 3,069,871         | ..... | ..... | 57,835         | 67,691         | 200,082          | .....         | 50,849        | 121,169        |

TABLE 2.—NUMBER, ACREAGE, AND VALUE OF FARMS CLASSIFIED BY TENURE; COLOR AND [Comparative data for June 1, 1900, in italics.]

|   | Carroll.  | Cecil.       | Charles.    | Dorchester.  | Frederick.   | Garrett.     | Harford.     | Howard.      | Kent.       |             |
|---|---|--------------|-------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|
| <b>FARMS OPERATED BY OWNERS</b>                 |   |              |             |              |              |              |              |              |             |             |
| 1   | Number of farms.....                                | 2,589        | 1,050       | 1,015        | 1,393        | 2,547        | 1,838        | 1,942        | 1,109       | 494         |
| 2   | Number of farms in 1900.....                        | <i>2,468</i> | <i>927</i>  | <i>1,133</i> | <i>1,172</i> | <i>2,553</i> | <i>1,513</i> | <i>1,823</i> | <i>878</i>  | <i>527</i>  |
| 3   | Per cent of all farms.....                          | 74.3         | 61.2        | 62.5         | 62.9         | 67.0         | 88.5         | 77.3         | 80.1        | 45.2        |
| 4   | Per cent of all farms in 1900.....                  | <i>73.3</i>  | <i>59.3</i> | <i>59.6</i>  | <i>58.4</i>  | <i>68.3</i>  | <i>84.6</i>  | <i>75.0</i>  | <i>72.5</i> | <i>39.0</i> |
| 5   | Land in farms..... acres.....                       | 174,009      | 80,434      | 120,277      | 120,083      | 199,093      | 223,350      | 159,078      | 106,184     | 51,140      |
| 6   | Improved land in farms..... acres.....              | 140,305      | 58,193      | 65,898       | 62,047       | 152,396      | 108,181      | 113,505      | 82,415      | 40,671      |
| 7   | Value of land and buildings..... dollars.....       | 9,600,938    | 4,119,301   | 2,220,393    | 3,510,924    | 11,204,338   | 5,249,565    | 7,504,501    | 5,093,119   | 2,568,478   |
| <b>Degree of ownership:</b>                     |   |              |             |              |              |              |              |              |             |             |
| 8   | Farms consisting of owned land only.....            | 2,490        | 982         | 957          | 1,810        | 2,440        | 1,792        | 1,834        | 1,036       | 459         |
| 9   | Farms consisting of owned and hired land.....       | 99           | 68          | 58           | 83           | 101          | 46           | 108          | 73          | 35          |
| <b>Color and nativity of owners:</b>            |   |              |             |              |              |              |              |              |             |             |
| 10  | Native white.....                                   | 2,507        | 972         | 647          | 995          | 2,480        | 1,785        | 1,701        | 907         | 383         |
| 11  | Foreign-born white.....                             | 58           | 32          | 26           | 90           | 12           | 49           | 91           | 89          | 18          |
| 12  | Negro and other nonwhite.....                       | 24           | 46          | 342          | 308          | 55           | 4            | 150          | 113         | 113         |
| <b>FARMS OPERATED BY TENANTS</b>                |   |              |             |              |              |              |              |              |             |             |
| 13  | Number of farms.....                                | 853          | 632         | 591          | 808          | 1,103        | 205          | 514          | 230         | 563         |
| 14  | Number of farms in 1900.....                        | <i>845</i>   | <i>658</i>  | <i>729</i>   | <i>811</i>   | <i>1,123</i> | <i>259</i>   | <i>550</i>   | <i>306</i>  | <i>534</i>  |
| 15  | Per cent of all farms.....                          | 24.5         | 36.8        | 36.4         | 36.5         | 31.4         | 9.9          | 20.5         | 16.6        | 51.5        |
| 16  | Per cent of all farms in 1900.....                  | <i>25.2</i>  | <i>40.3</i> | <i>38.4</i>  | <i>40.4</i>  | <i>30.1</i>  | <i>14.5</i>  | <i>22.6</i>  | <i>25.2</i> | <i>56.7</i> |
| 17  | Land in farms..... acres.....                       | 95,750       | 102,731     | 102,154      | 102,413      | 163,006      | 30,661       | 74,234       | 31,584      | 115,198     |
| 18  | Improved land in farms..... acres.....              | 79,904       | 77,547      | 53,883       | 59,360       | 141,359      | 10,116       | 49,906       | 23,442      | 94,071      |
| 19  | Value of land and buildings..... dollars.....       | 4,742,658    | 4,720,398   | 1,428,002    | 3,044,097    | 9,496,053    | 460,200      | 2,809,030    | 1,524,820   | 5,395,423   |
| <b>Form of tenancy:</b>                         |   |              |             |              |              |              |              |              |             |             |
| 20  | Share tenants.....                                  | 693          | 472         | 456          | 655          | 990          | 55           | 305          | 88          | 437         |
| 21  | Share-cash tenants.....                             | 18           | 4           | 1            | 14           | 2            | 2            | 8            | 3           | 3           |
| 22  | Cash tenants.....                                   | 150          | 142         | 77           | 133          | 170          | 138          | 127          | 70          | 66          |
| 23  | Tenure not specified.....                           | 16           | 14          | 57           | 6            | 10           | 10           | 14           | 69          | 57          |
| <b>Color and nativity of tenants:</b>           |   |              |             |              |              |              |              |              |             |             |
| 24  | Native white.....                                   | 846          | 603         | 301          | 595          | 1,172        | 200          | 455          | 192         | 522         |
| 25  | Foreign-born white.....                             | 3            | 11          | 2            | 11           | 2            | 5            | 18           | 10          | 9           |
| 26  | Negro and other nonwhite.....                       | 4            | 18          | 288          | 202          | 19           | .....        | 41           | 28          | 32          |
| <b>FARMS OPERATED BY MANAGERS</b>               |   |              |             |              |              |              |              |              |             |             |
| 27  | Number of farms.....                                | 42           | 35          | 17           | 13           | 64           | 33           | 56           | 46          | 36          |
| 28  | Number of farms in 1900.....                        | <i>51</i>    | <i>48</i>   | <i>38</i>    | <i>24</i>    | <i>61</i>    | <i>16</i>    | <i>53</i>    | <i>30</i>   | <i>40</i>   |
| 29  | Land in farms..... acres.....                       | 6,549        | 12,446      | 3,906        | 2,889        | 11,054       | 11,209       | 13,234       | 11,284      | 6,485       |
| 30  | Improved land in farms..... acres.....              | 5,389        | 5,240       | 1,870        | 1,072        | 7,675        | 4,021        | 8,062        | 8,170       | 5,044       |
| 31  | Value of land and buildings..... dollars.....       | 494,750      | 532,850     | 90,260       | 161,800      | 667,340      | 300,500      | 750,050      | 949,586     | 421,300     |
| <b>MORTGAGE DEBT REPORTS<sup>1</sup></b>        |   |              |             |              |              |              |              |              |             |             |
| <b>For all farms operated by owners:</b>        |   |              |             |              |              |              |              |              |             |             |
| 32  | Number free from mortgage debt.....                 | 1,502        | 577         | 803          | 931          | 1,558        | 1,331        | 910          | 605         | 311         |
| 33  | Number with mortgage debt.....                      | 1,072        | 466         | 207          | 448          | 976          | 504          | 1,023        | 494         | 181         |
| 34  | Number with no mortgage report.....                 | 15           | 7           | 5            | 14           | 13           | 3            | 9            | 10          | 2           |
| <b>For farms consisting of owned land only:</b> |   |              |             |              |              |              |              |              |             |             |
| 35  | Number reporting debt and amount.....               | 975          | 413         | 177          | 407          | 907          | 481          | 933          | 442         | 167         |
| 36  | Value of their land and buildings..... dollars..... | 3,397,162    | 1,593,150   | 475,975      | 1,287,037    | 4,122,303    | 1,312,535    | 3,312,830    | 2,149,446   | 1,093,228   |
| 37  | Amount of mortgage debt..... dollars.....           | 1,449,629    | 638,456     | 123,931      | 447,876      | 1,715,707    | 443,766      | 1,259,597    | 761,960     | 413,203     |
| 38  | Per cent of value of land and buildings.....        | 42.7         | 40.1        | 26.0         | 34.8         | 41.6         | 34.2         | 38.0         | 35.4        | 37.8        |

<sup>1</sup> No mortgage reports were secured for farms operated by tenants and managers. (See explanation in text.)

TABLE 3.—LIVE STOCK PRODUCTS, AND DOMESTIC ANIMALS

| <b>LIVE STOCK PRODUCTS</b>                  |   |           |           |         |         |           |           |           |           |           |
|---|---|-----------|-----------|---------|---------|-----------|-----------|-----------|-----------|-----------|
| <b>Dairy Products</b>                       |   |           |           |         |         |           |           |           |           |           |
| 1   | Dairy cows on farms reporting dairy products.....                               | 14,908    | 10,206    | 3,252   | 3,522   | 10,967    | 6,578     | 11,837    | 4,700     | 5,868     |
| 2   | Dairy cows on farms reporting milk produced.....                                | 12,510    | 6,462     | 2,769   | 1,871   | 17,042    | 5,209     | 8,283     | 4,153     | 4,709     |
| 3   | Milk—Produced..... gallons.....   | 5,681,034 | 2,363,308 | 526,281 | 333,196 | 6,945,154 | 1,790,030 | 3,439,644 | 1,540,984 | 1,019,591 |
| 4   | Sold..... gallons.....  | 2,442,522 | 1,809,475 | 2,842   | 108,955 | 2,532,077 | 45,391    | 2,854,667 | 295,055   | 616,730   |
| 5   | Cream sold..... gallons.....  | 36,478    | 10,397    | 10      | 170     | 182,718   | 2,924     | 59,250    | 31,117    | 443       |
| 6   | Butter fat sold..... pounds.....  | 71,932    | 71,709    | .....   | .....   | 155,741   | .....     | 34,004    | .....     | 3,265     |
| 7   | Butter—Produced..... pounds.....  | 1,273,056 | 344,936   | 139,217 | 151,412 | 1,354,173 | 573,715   | 432,733   | 424,234   | 131,986   |
| 8   | Sold..... pounds.....   | 1,083,340 | 230,388   | 31,178  | 85,558  | 1,070,611 | 350,707   | 268,102   | 300,003   | 79,147    |
| 9   | Cheese—Produced..... pounds.....  | .....     | .....     | .....   | .....   | 2,592     | 70        | 50        | .....     | .....     |
| 10  | Sold..... pounds.....   | .....     | .....     | .....   | .....   | 2,005     | 70        | .....     | 1,200     | .....     |
| 11  | Value of dairy products, excluding home use of milk and cream..... dollars..... | 662,526   | 373,244   | 33,750  | 48,592  | 770,055   | 145,152   | 547,942   | 155,577   | 94,226    |
| 12  | Receipts from sale of dairy products..... dollars.....                          | 624,273   | 342,486   | 8,773   | 33,851  | 711,267   | 92,486    | 509,783   | 129,576   | 82,319    |
| <b>Poultry Products</b>                     |   |           |           |         |         |           |           |           |           |           |
| 13  | Poultry—Raised..... number.....   | 434,651   | 176,553   | 184,389 | 270,981 | 433,417   | 98,175    | 265,570   | 180,018   | 164,744   |
| 14  | Sold..... number.....   | 210,718   | 83,151    | 62,516  | 114,730 | 212,783   | 45,460    | 111,339   | 70,219    | 66,005    |
| 15  | Eggs—Produced..... dozens.....  | 1,890,873 | 477,487   | 310,680 | 545,179 | 1,553,596 | 357,250   | 871,417   | 491,621   | 356,379   |
| 16  | Sold..... dozens.....   | 1,630,393 | 350,851   | 190,056 | 420,314 | 1,232,668 | 226,462   | 650,113   | 339,393   | 247,414   |
| 17  | Value of poultry and eggs produced..... dollars.....                            | 560,382   | 207,605   | 147,087 | 249,388 | 519,994   | 113,710   | 338,380   | 200,833   | 164,171   |
| 18  | Receipts from sale of poultry and eggs..... dollars.....                        | 419,156   | 129,523   | 75,045  | 153,903 | 348,265   | 67,307    | 209,324   | 113,158   | 96,976    |
| <b>Honey and Wax</b>                        |   |           |           |         |         |           |           |           |           |           |
| 19  | Honey produced..... pounds.....   | 19,598    | 2,967     | 13,709  | 10,962  | 30,271    | 23,138    | 6,177     | 8,413     | 1,356     |
| 20  | Wax produced..... pounds.....   | 179       | 88        | 32      | 324     | 423       | 337       | 323       | 28        | 26        |
| 21  | Value of honey and wax produced..... dollars.....                               | 2,822     | 458       | 1,614   | 1,291   | 3,676     | 3,404     | 1,025     | 1,202     | 178       |
| <b>Wool, Mohair, and Goat Hair</b>          |   |           |           |         |         |           |           |           |           |           |
| 22  | Wool, fleeces shorn..... number.....  | 987       | 1,822     | 4,927   | 2,846   | 4,430     | 16,133    | 2,706     | 2,658     | 8,860     |
| 23  | Mohair and goat hair, fleeces shorn..... number.....                            | 40        | 23        | 1       | .....   | .....     | 235       | .....     | .....     | .....     |
| 24  | Value of wool and mohair produced..... dollars.....                             | 1,762     | 2,820     | 6,613   | 3,537   | 8,007     | 26,818    | 4,131     | 4,136     | 15,000    |
| <b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b> |   |           |           |         |         |           |           |           |           |           |
| 25  | Calves—Sold or slaughtered..... number.....                                     | 13,042    | 6,191     | 2,021   | 2,093   | 14,140    | 2,817     | 7,712     | 3,022     | 3,888     |
| 26  | Other cattle—Sold or slaughtered..... number.....                               | 11,672    | 2,548     | 904     | 1,145   | 7,285     | 4,601     | 5,391     | 3,446     | 2,556     |
| 27  | Horses, mules, and asses and burros—Sold..... number.....                       | 1,588     | 446       | 402     | 303     | 1,813     | 442       | 865       | 397       | 638       |
| 28  | Swine—Sold or slaughtered..... number.....                                      | 36,975    | 15,046    | 7,876   | 9,591   | 41,255    | 7,611     | 20,887    | 10,438    | 15,305    |
| 29  | Sheep and goats—Sold or slaughtered..... number.....                            | 1,084     | 1,000     | 2,463   | 1,778   | 3,967     | 21,429    | 2,125     | 2,138     | 6,747     |
| 30  | Receipts from sale of animals..... dollars.....                                 | 897,468   | 221,113   | 67,675  | 89,255  | 692,389   | 281,476   | 418,441   | 233,989   | 241,167   |
| 31  | Value of animals slaughtered..... dollars.....                                  | 351,477   | 122,328   | 65,106  | 105,866 | 404,773   | 120,459   | 151,092   | 101,736   | 85,416    |

# STATISTICS OF AGRICULTURE.

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## NATIVITY OF FARMERS; AND MORTGAGE DEBT, BY COUNTIES: APRIL 15, 1910—Continued.

[Comparative data for June 1, 1900, in italics.]

|   | Montgomery.    | Prince Georges. | Queen Annes.   | St. Marys.    | Somerset.     | Talbot.       | Washington.   | Wicomico.     | Worcester.    |
|---|----------------|-----------------|----------------|---------------|---------------|---------------|---------------|---------------|---------------|
| <b>FARMS OPERATED BY OWNERS</b>                     |                |                 |                |               |               |               |               |               |               |
| 1 Number of farms.....                              | 1,841          | 1,547           | 638            | 939           | 1,503         | 749           | 1,632         | 1,888         | 1,428         |
| 2 <i>Number of farms in 1900.....</i>               | <i>1,682</i>   | <i>1,401</i>    | <i>604</i>     | <i>677</i>    | <i>1,040</i>  | <i>616</i>    | <i>1,492</i>  | <i>1,502</i>  | <i>1,042</i>  |
| 3 Per cent of all farms.....                        | 75.4           | 67.6            | 44.9           | 57.8          | 75.7          | 57.7          | 66.2          | 70.5          | 60.9          |
| 4 <i>Per cent of all farms in 1900.....</i>         | <i>75.9</i>    | <i>59.0</i>     | <i>41.5</i>    | <i>58.4</i>   | <i>68.4</i>   | <i>51.4</i>   | <i>62.3</i>   | <i>64.9</i>   | <i>52.4</i>   |
| 5 Land in farms..... acres.....                     | 183,943        | 135,439         | 65,981         | 102,027       | 103,687       | 73,681        | 118,056       | 130,798       | 128,080       |
| 6 <i>Improved land in farms..... acres.....</i>     | <i>141,471</i> | <i>87,062</i>   | <i>51,248</i>  | <i>50,090</i> | <i>53,041</i> | <i>53,008</i> | <i>82,012</i> | <i>71,765</i> | <i>66,595</i> |
| 7 Value of land and buildings..... dollars..        | 11,625,305     | 6,552,494       | 2,783,445      | 2,136,992     | 4,214,375     | 4,672,761     | 7,848,828     | 3,938,403     | 3,221,191     |
| <b>Degree of ownership:</b>                         |                |                 |                |               |               |               |               |               |               |
| 8 Farms consisting of owned land only.....          | 1,692          | 1,442           | 593            | 866           | 1,273         | 716           | 1,546         | 1,546         | 1,299         |
| 9 Farms consisting of owned and hired land.....     | 149            | 105             | 45             | 73            | 230           | 33            | 86            | 842           | 129           |
| <b>Color and nativity of owners:</b>                |                |                 |                |               |               |               |               |               |               |
| 10 Native white.....                                | 1,527          | 1,162           | 484            | 670           | 1,066         | 555           | 1,609         | 1,610         | 1,242         |
| 11 Foreign-born white.....                          | 37             | 110             | 12             | 33            | 18            | 62            | 8             | 7             | 11            |
| 12 Negro and other nonwhite.....                    | 277            | 275             | 142            | 236           | 419           | 132           | 15            | 271           | 175           |
| <b>FARMS OPERATED BY TENANTS</b>                    |                |                 |                |               |               |               |               |               |               |
| 13 Number of farms.....                             | 523            | 662             | 749            | 679           | 458           | 504           | 796           | 773           | 890           |
| 14 <i>Number of farms in 1900.....</i>              | <i>467</i>     | <i>581</i>      | <i>808</i>     | <i>595</i>    | <i>450</i>    | <i>528</i>    | <i>820</i>    | <i>794</i>    | <i>953</i>    |
| 15 Per cent of all farms.....                       | 21.4           | 28.9            | 52.7           | 41.8          | 23.1          | 38.9          | 32.8          | 28.9          | 38.0          |
| 16 <i>Per cent of all farms in 1900.....</i>        | <i>21.9</i>    | <i>37.1</i>     | <i>55.1</i>    | <i>40.1</i>   | <i>29.9</i>   | <i>45.9</i>   | <i>34.5</i>   | <i>34.3</i>   | <i>47.0</i>   |
| 17 Land in farms..... acres.....                    | 77,249         | 87,158          | 144,812        | 87,727        | 37,065        | 81,505        | 108,933       | 63,376        | 100,895       |
| 18 <i>Improved land in farms..... acres.....</i>    | <i>58,545</i>  | <i>56,939</i>   | <i>113,930</i> | <i>46,525</i> | <i>20,462</i> | <i>59,027</i> | <i>94,713</i> | <i>35,456</i> | <i>51,592</i> |
| 19 Value of land and buildings..... dollars..       | 4,712,010      | 3,588,760       | 6,385,245      | 1,616,723     | 1,263,565     | 4,461,458     | 7,443,746     | 1,744,941     | 2,178,294     |
| <b>Form of tenancy:</b>                             |                |                 |                |               |               |               |               |               |               |
| 20 Share tenants.....                               | 277            | 229             | 584            | 509           | 307           | 427           | 645           | 632           | 737           |
| 21 Share-cash tenants.....                          | 11             | 7               | 10             | 5             | 13            | 4             | 21            | 7             | 13            |
| 22 Cash tenants.....                                | 186            | 186             | 52             | 70            | 84            | 72            | 80            | 76            | 134           |
| 23 Tenure not specified.....                        | 49             | 240             | 103            | 95            | 54            | 1             | 60            | 58            | 6             |
| <b>Color and nativity of tenants:</b>               |                |                 |                |               |               |               |               |               |               |
| 24 Native white.....                                | 449            | 448             | 671            | 472           | 304           | 437           | 787           | 636           | 583           |
| 25 Foreign-born white.....                          | 7              | 17              | 5              | 5             | 1             | 12            | 2             | 1             | 1             |
| 26 Negro and other nonwhite.....                    | 67             | 197             | 73             | 202           | 163           | 55            | 7             | 136           | 306           |
| <b>FARMS OPERATED BY MANAGERS</b>                   |                |                 |                |               |               |               |               |               |               |
| 27 Number of farms.....                             | 78             | 79              | 84             | 7             | 25            | 44            | 38            | 17            | 26            |
| 28 <i>Number of farms in 1900.....</i>              | <i>40</i>      | <i>92</i>       | <i>50</i>      | <i>20</i>     | <i>31</i>     | <i>67</i>     | <i>75</i>     | <i>18</i>     | <i>12</i>     |
| 29 Land in farms..... acres.....                    | 12,078         | 17,439          | 8,779          | 3,033         | 5,518         | 7,852         | 6,202         | 3,647         | 7,550         |
| 30 <i>Improved lands in farms..... acres.....</i>   | <i>9,157</i>   | <i>10,713</i>   | <i>6,436</i>   | <i>1,632</i>  | <i>2,946</i>  | <i>5,693</i>  | <i>5,117</i>  | <i>1,871</i>  | <i>3,643</i>  |
| 31 Value of land and buildings..... dollars..       | 1,504,543      | 1,337,430       | 494,900        | 89,000        | 206,350       | 712,600       | 512,045       | 254,450       | 280,400       |
| <b>MORTGAGE DEBT REPORTS:</b>                       |                |                 |                |               |               |               |               |               |               |
| For all farms operated by owners:                   |                |                 |                |               |               |               |               |               |               |
| 32 Number free from mortgage debt.....              | 1,142          | 1,089           | 342            | 676           | 932           | 396           | 1,037         | 1,261         | 1,031         |
| 33 Number with mortgage debt.....                   | 687            | 425             | 288            | 252           | 511           | 348           | 571           | 611           | 381           |
| 34 Number with no mortgage report.....              | 12             | 33              | 8              | 11            | 10            | 5             | 24            | 16            | 16            |
| For farms consisting of owned land only:            |                |                 |                |               |               |               |               |               |               |
| 35 Number reporting debt and amount.....            | 600            | 379             | 252            | 222           | 408           | 326           | 529           | 454           | 323           |
| 36 Value of their land and buildings..... dollars.. | 3,690,024      | 1,850,780       | 1,205,500      | 673,065       | 1,339,695     | 2,084,730     | 2,500,445     | 1,054,842     | 708,805       |
| 37 Amount of mortgage debt..... dollars..           | 1,208,256      | 524,255         | 444,395        | 176,996       | 386,990       | 720,637       | 932,218       | 327,477       | 271,030       |
| 38 Per cent of value of land and buildings.....     | 32.7           | 28.3            | 36.9           | 26.3          | 28.9          | 34.6          | 37.3          | 31.0          | 38.2          |

## SOLD OR SLAUGHTERED ON FARMS, BY COUNTIES: 1909—Continued.

| <b>LIVE STOCK PRODUCTS</b>  |           |         |         |         |         |         |           |         |         |
|---|-----------|---------|---------|---------|---------|---------|-----------|---------|---------|
| <b>Dairy Products</b>   |           |         |         |         |         |         |           |         |         |
| 1 Dairy cows on farms reporting dairy products.....                             | 9,474     | 3,870   | 6,402   | 2,473   | 1,735   | 4,952   | 8,606     | 2,383   | 3,428   |
| 2 Dairy cows on farms reporting milk produced.....                              | 7,326     | 2,830   | 2,400   | 2,036   | 1,656   | 2,418   | 6,924     | 2,360   | 1,740   |
| 3 Milk—Produced..... gallons.....   | 3,165,717 | 941,893 | 523,947 | 408,306 | 411,803 | 523,608 | 2,032,673 | 575,713 | 313,509 |
| 4 Sold..... gallons.....  | 2,004,660 | 390,053 | 195,837 | 2,325   | 32,321  | 172,324 | 380,246   | 61,637  | 32,908  |
| 5 Cream sold..... gallons.....  | 66,035    | 5,320   | 1,035   |         | 35      | 617     | 9,207     | 65      | 4       |
| 6 Butter fat sold..... pounds.....  | 1,925     |         |         |         |         |         | 4,168     |         |         |
| 7 Butter—Produced..... pounds.....  | 439,376   | 176,112 | 221,804 | 129,000 | 128,197 | 205,293 | 725,977   | 169,942 | 153,989 |
| 8 Sold..... pounds.....   | 265,129   | 54,106  | 123,183 | 18,661  | 54,216  | 119,806 | 521,383   | 82,122  | 55,828  |
| 9 Cheese—Produced..... pounds.....  |           | 6,398   |         |         |         |         | 595       |         |         |
| 10 Sold..... pounds.....  |           | 6,046   |         |         |         |         | 25        |         |         |
| 11 Value of dairy products, excluding home use of milk and cream..... dollars.. | 476,645   | 142,674 | 69,346  | 30,000  | 43,680  | 74,137  | 219,209   | 57,688  | 44,796  |
| 12 Receipts from sale of dairy products..... dollars..                          | 439,730   | 112,572 | 48,572  | 4,675   | 23,963  | 54,647  | 177,901   | 37,987  | 21,747  |
| <b>Poultry Products</b>   |           |         |         |         |         |         |           |         |         |
| 13 Poultry—Raised..... number.....  | 311,386   | 177,261 | 214,980 | 211,003 | 236,066 | 229,817 | 267,237   | 208,069 | 326,622 |
| 14 Sold..... number.....  | 115,108   | 58,963  | 82,939  | 100,473 | 85,158  | 105,429 | 118,201   | 90,276  | 118,130 |
| 15 Eggs—Produced..... dozens.....   | 870,252   | 460,937 | 328,885 | 299,710 | 433,526 | 369,643 | 880,188   | 653,258 | 781,257 |
| 16 Sold..... dozens.....  | 595,166   | 262,403 | 225,961 | 170,262 | 312,134 | 244,407 | 677,255   | 507,142 | 567,958 |
| 17 Value of poultry and eggs produced..... dollars..                            | 350,728   | 189,284 | 213,844 | 174,485 | 217,356 | 213,230 | 293,751   | 259,407 | 334,473 |
| 18 Receipts from sale of poultry and eggs..... dollars..                        | 198,069   | 90,599  | 125,351 | 99,408  | 117,778 | 130,467 | 192,186   | 151,661 | 193,272 |
| <b>Honey and Wax</b>  |           |         |         |         |         |         |           |         |         |
| 19 Honey produced..... pounds.....  | 53,456    | 17,297  | 1,855   | 5,047   | 5,429   | 9,108   | 19,222    | 14,336  | 6,596   |
| 20 Wax produced..... pounds.....  | 427       | 276     | 24      | 38      | 111     | 37      | 104       | 241     | 83      |
| 21 Value of honey and wax produced..... dollars..                               | 5,898     | 2,177   | 221     | 533     | 618     | 1,074   | 2,159     | 1,563   | 743     |
| <b>Wool, Mohair, and Goat Hair</b>  |           |         |         |         |         |         |           |         |         |
| 22 Wool, fleeces shorn..... number.....   | 4,413     | 3,005   | 15,558  | 3,819   | 300     | 11,897  | 7,319     | 624     | 1,803   |
| 23 Mohair and goat hair, fleeces shorn..... number.....                         | 4         |         | 16      |         |         |         | 3         |         | 1       |
| 24 Value of wool and mohair produced..... dollars..                             | 6,417     | 4,606   | 27,601  | 6,217   | 377     | 20,508  | 13,867    | 642     | 2,130   |
| <b>DOMESTIC ANIMALS SOLD OR SLAUGHTERED</b>                                     |           |         |         |         |         |         |           |         |         |
| 25 Calves—Sold or slaughtered..... number.....                                  | 6,178     | 1,937   | 3,709   | 1,467   | 598     | 2,368   | 5,162     | 1,163   | 1,315   |
| 26 Other cattle—Sold or slaughtered..... number.....                            | 4,460     | 956     | 1,013   | 748     | 538     | 1,029   | 4,646     | 788     | 504     |
| 27 Horses, mules, and asses and burros—Sold..... number.....                    | 581       | 200     | 354     | 139     | 255     | 321     | 1,287     | 346     | 478     |
| 28 Swine—Sold or slaughtered..... number.....                                   | 19,208    | 7,685   | 10,647  | 10,514  | 5,905   | 11,290  | 27,025    | 8,969   | 9,230   |
| 29 Sheep and goats—Sold or slaughtered..... number.....                         | 3,844     | 1,364   | 7,179   | 2,084   | 232     | 8,286   | 7,593     | 430     | 1,510   |
| 30 Receipts from sale of animals..... dollars..                                 | 397,921   | 77,193  | 150,683 | 60,367  | 55,606  | 140,405 | 535,238   | 82,915  | 84,415  |
| 31 Value of animals slaughtered..... dollars..                                  | 168,748   | 69,578  | 91,738  | 95,150  | 54,018  | 105,437 | 237,659   | 120,470 | 105,206 |

TABLE 4.—VALUE OF ALL CROPS AND CLASSES THEREOF, AND ACREAGE AND

|  |                                       | THE STATE.           | Alleghany. | Anne Arundel. | Baltimore. | Baltimore City. | Calvert.  | Caroline. | Carroll.  |  |
|--|---------------------------------------|----------------------|------------|---------------|------------|-----------------|-----------|-----------|-----------|--|
| <b>VALUE OF ALL CROPS</b>                  |                                       |                      |            |               |            |                 |           |           |           |  |
| 1  | Total.....                            | dollars.. 43,920,149 | 625,512    | 2,197,958     | 4,629,197  | 13,814          | 549,134   | 1,670,328 | 3,219,437 |  |
| 2  | Cereals.....                          | dollars.. 21,908,730 | 228,694    | 338,465       | 1,509,009  | 1,260           | 153,920   | 774,341   | 2,151,916 |  |
| 3  | Other grains and seeds.....           | dollars.. 96,104     | 752        | 2,070         | 1,951      |                 | 447       | 3,519     | 13,514    |  |
| 4  | Hay and forage.....                   | dollars.. 6,011,749  | 150,581    | 127,873       | 870,399    | 5,478           | 11,671    | 131,308   | 527,401   |  |
| 5  | Vegetables.....                       | dollars.. 7,996,105  | 132,500    | 1,011,693     | 1,219,038  | 6,767           | 43,328    | 495,217   | 279,015   |  |
| 6  | Fruits and nuts.....                  | dollars.. 2,805,526  | 50,471     | 353,335       | 245,467    | 313             | 33,166    | 158,481   | 102,959   |  |
| 7  | All other crops.....                  | dollars.. 5,101,935  | 62,514     | 364,250       | 783,333    |                 | 306,602   | 107,462   | 164,629   |  |
| <b>SELECTED CROPS (acres and quantity)</b> |                                       |                      |            |               |            |                 |           |           |           |  |
| 8  | <b>Cereals:</b>                       |                      |            |               |            |                 |           |           |           |  |
| 9  | Total.....                            | acres... 1,329,201   | 18,084     | 27,502        | 77,901     | 58              | 12,862    | 56,724    | 112,331   |  |
| 10   | Corn.....                             | bushels.. 29,183,197 | 332,831    | 503,188       | 1,996,999  | 1,685           | 232,814   | 1,135,534 | 2,714,540 |  |
| 11   | Oats.....                             | acres... 647,012     | 8,540      | 22,701        | 30,305     | 28              | 10,368    | 20,169    | 41,616    |  |
| 12   | Wheat.....                            | bushels.. 17,911,436 | 190,758    | 452,404       | 1,187,574  | 1,045           | 211,952   | 855,313   | 1,410,864 |  |
| 13   | Buckwheat.....                        | acres... 49,210      | 3,384      | 900           | 6,376      |                 | 358       | 492       | 4,144     |  |
| 14   | Wheat.....                            | bushels.. 1,160,663  | 62,908     | 15,804        | 160,762    |                 | 3,743     | 5,616     | 114,280   |  |
| 15   | Buckwheat.....                        | acres... 589,893     | 3,889      | 3,284         | 30,840     | 30              | 2,059     | 24,291    | 57,189    |  |
| 16   | Rye.....                              | bushels.. 9,463,457  | 52,043     | 28,755        | 671,200    | 640             | 16,065    | 254,161   | 1,016,681 |  |
| 17   | Buckwheat.....                        | acres... 10,338      | 847        |               | 290        |                 |           | 1,322     | 185       |  |
| 18   | Rye.....                              | bushels.. 152,216    | 10,977     |               | 4,057      |                 |           | 16,774    | 1,890     |  |
| 19   | Rye.....                              | acres... 28,003      | 1,411      | 554           | 3,242      |                 | 77        | 389       | 7,185     |  |
| 20   | Rye.....                              | bushels.. 367,562    | 15,926     | 4,915         | 42,376     |                 | 454       | 3,286     | 104,022   |  |
| <b>Other grains:</b>                       |                                       |                      |            |               |            |                 |           |           |           |  |
| 21   | Dry peas.....                         | acres... 742         | 2          | 109           |            |                 | 42        | 49        |           |  |
| 22   | Dry peas.....                         | bushels.. 5,603      | 51         | 815           |            |                 | 212       | 300       |           |  |
| 23   | Dry edible beans.....                 | acres... 196         | 30         | 61            | 5          |                 | 1         | 19        | 4         |  |
| 24   | Dry edible beans.....                 | bushels.. 1,833      | 146        | 619           | 109        |                 | 6         | 169       | 35        |  |
| <b>Hay and forage:</b>                     |                                       |                      |            |               |            |                 |           |           |           |  |
| 25   | Total.....                            | acres... 398,842     | 8,973      | 7,318         | 49,055     | 398             | 758       | 9,710     | 43,451    |  |
| 26   | All tame or cultivated grasses.....   | tons... 477,584      | 10,833     | 9,018         | 63,323     | 411             | 822       | 13,079    | 49,814    |  |
| 27   | Timothy alone.....                    | acres... 374,492     | 8,622      | 5,617         | 40,653     | 87              | 635       | 7,592     | 42,300    |  |
| 28   | Timothy alone.....                    | tons... 423,105      | 9,919      | 6,437         | 57,176     | 221             | 668       | 9,774     | 44,945    |  |
| 29   | Timothy and clover mixed.....         | acres... 135,941     | 5,308      | 2,307         | 24,009     | 30              | 332       | 1,236     | 3,768     |  |
| 30   | Timothy and clover mixed.....         | tons... 159,090      | 6,261      | 2,850         | 30,806     | 197             | 350       | 1,559     | 10,428    |  |
| 31   | Clover alone.....                     | acres... 200,823     | 2,048      | 1,539         | 20,203     | 5               | 181       | 2,520     | 30,783    |  |
| 32   | Clover alone.....                     | tons... 215,052      | 2,336      | 1,536         | 22,655     | 20              | 172       | 3,165     | 31,395    |  |
| 33   | Alfalfa.....                          | acres... 20,545      | 61         | 299           | 1,488      |                 | 18        | 8,635     | 1,865     |  |
| 34   | Alfalfa.....                          | tons... 32,942       | 71         | 310           | 1,686      |                 | 12        | 4,853     | 2,005     |  |
| 35   | Millet or Hungarian grass.....        | acres... 3,188       | 182        | 423           | 446        | 2               | 9         | 28        | 238       |  |
| 36   | Millet or Hungarian grass.....        | tons... 6,806        | 345        | 690           | 1,304      | 4               | 22        | 70        | 454       |  |
| 37   | Other tame or cultivated grasses..... | acres... 2,122       | 66         | 478           | 1,411      |                 | 49        | 93        | 59        |  |
| 38   | Other tame or cultivated grasses..... | tons... 2,819        | 78         | 532           | 360        |                 | 70        | 108       | 75        |  |
| 39   | Other tame or cultivated grasses..... | acres... 5,873       | 357        | 571           | 200        |                 | 40        | 50        | 467       |  |
| 40   | Other tame or cultivated grasses..... | tons... 5,856        | 328        | 519           | 375        |                 | 42        | 49        | 588       |  |
| 41   | Wild, salt, or prairie grasses.....   | acres... 4,169       | 46         | 306           | 806        |                 | 75        |           | 459       |  |
| 42   | Grains cut green.....                 | acres... 5,081       | 40         | 454           | 315        |                 | 119       | 2         | 591       |  |
| 43   | Grains cut green.....                 | tons... 8,846        | 77         | 1,100         | 867        | 311             | 12        | 25        | 91        |  |
| 44   | Coarse forage.....                    | acres... 12,218      | 89         | 1,156         | 1,677      | 190             | 7         | 30        | 406       |  |
| 45   | Coarse forage.....                    | tons... 11,327       | 228        | 295           | 667        |                 | 36        | 2,093     | 568       |  |
| 46   | Coarse forage.....                    | acres... 37,932      | 785        | 971           | 3,550      |                 | 28        | 3,273     | 3,332     |  |
| <b>Special crops:</b>                      |                                       |                      |            |               |            |                 |           |           |           |  |
| 47   | Potatoes.....                         | acres... 39,299      | 1,041      | 1,315         | 6,027      | 28              | 128       | 704       | 3,336     |  |
| 48   | Sweet potatoes and yams.....          | bushels.. 3,444,311  | 98,814     | 76,946        | 407,881    | 570             | 0,127     | 73,403    | 261,191   |  |
| 49   | Sweet potatoes and yams.....          | acres... 2,956       | 7          | 38            | 38         |                 | 46        | 680       | 45        |  |
| 50   | All other vegetables.....             | bushels.. 1,065,956  | 480        | 207,514       | 3,140      |                 | 2,516     | 91,586    | 3,491     |  |
| 51   | Tobacco.....                          | acres... 108,084     | 1,025      | 16,120        | 13,734     | 61              | 558       | 9,869     | 4,120     |  |
| 52   | Tobacco.....                          | pounds.. 26,072      |            | 3,882         | 0          |                 | 5,194     |           | 24        |  |
| 53   | Tobacco.....                          | pounds.. 17,846,699  |            | 2,561,375     | 11,507     |                 | 3,367,358 | 90        | 21,890    |  |
| <b>FRUITS AND NUTS</b>                     |                                       |                      |            |               |            |                 |           |           |           |  |
| 54   | <b>Orchard fruits:</b>                |                      |            |               |            |                 |           |           |           |  |
| 55   | Total.....                            | trees... 3,501,774   | 109,496    | 299,770       | 198,240    | 63              | 140,822   | 255,744   | 147,777   |  |
| 56   | Apples.....                           | bushels.. 2,577,359  | 63,368     | 152,421       | 287,673    | 17              | 41,075    | 20,701    | 185,513   |  |
| 57   | Apples.....                           | trees... 1,288,482   | 56,450     | 56,333        | 119,450    | 0               | 14,368    | 46,310    | 101,134   |  |
| 58   | Peaches and nectarines.....           | bushels.. 1,422,824  | 54,559     | 80,911        | 226,024    | 13              | 26,432    | 15,733    | 158,591   |  |
| 59   | Peaches and nectarines.....           | trees... 1,497,724   | 34,670     | 138,227       | 15,901     |                 | 121,364   | 176,239   | 15,639    |  |
| 60   | Pears.....                            | bushels.. 324,609    | 9,645      | 27,377        | 9,645      |                 | 13,071    | 515       | 5,838     |  |
| 61   | Pears.....                            | trees... 540,683     | 4,959      | 49,953        | 43,585     | 43              | 2,977     | 28,593    | 12,999    |  |
| 62   | Plums and prunes.....                 | bushels.. 367,350    | 841        | 42,617        | 43,101     |                 | 895       | 4,070     | 6,468     |  |
| 63   | Plums and prunes.....                 | trees... 69,098      | 6,055      | 2,974         | 6,151      | 4               | 760       | 6,093     | 5,205     |  |
| 64   | Cherries.....                         | bushels.. 13,526     | 641        | 856           | 2,015      |                 | 105       | 232       | 1,437     |  |
| 65   | Cherries.....                         | trees... 82,305      | 5,772      | 1,843         | 9,598      | 11              | 657       | 1,875     | 9,473     |  |
| 66   | Quinces.....                          | bushels.. 42,315     | 1,929      | 532           | 6,292      |                 | 513       | 144       | 5,615     |  |
| 67   | Quinces.....                          | trees... 20,036      | 1,526      | 366           | 2,408      |                 | 151       | 551       | 8,107     |  |
| 68   | Quinces.....                          | bushels.. 6,359      | 303        | 123           | 541        |                 | 6         | 17        | 383       |  |
| 69   | Grapes.....                           | vines... 138,801     | 4,615      | 6,330         | 13,650     | 13              | 3,210     | 2,455     | 7,267     |  |
| 70   | Grapes.....                           | pounds.. 2,152,382   | 55,722     | 21,305        | 280,393    | 137             | 24,097    | 24,925    | 224,347   |  |
| <b>Tropical fruits:</b>                    |                                       |                      |            |               |            |                 |           |           |           |  |
| 71   | Total.....                            | trees... 1,433       |            | 6             | 98         |                 | 4         | 2         | 1         |  |
| 72   | Figs.....                             | trees... 1,432       |            | 6             | 98         |                 | 4         | 2         | 1         |  |
| 73   | Figs.....                             | pounds.. 38,772      |            | 100           | 564        |                 |           |           |           |  |
| <b>Small fruits:</b>                       |                                       |                      |            |               |            |                 |           |           |           |  |
| 74   | Total.....                            | acres... 16,595      | 64         | 4,421         | 794        | 1               | 59        | 1,844     | 62        |  |
| 75   | Strawberries.....                     | quarts.. 26,277,054  | 78,789     | 6,391,179     | 1,403,792  | 3,000           | 126,087   | 3,159,047 | 90,389    |  |
| 76   | Raspberries and loganberries.....     | acres... 14,292      | 28         | 3,937         | 657        | 1               | 43        | 1,482     | 29        |  |
| 77   | Raspberries and loganberries.....     | quarts.. 23,611,095  | 42,031     | 5,843,532     | 1,227,342  | 3,000           | 107,610   | 2,727,654 | 53,311    |  |
| 78   | Blackberries and dewberries.....      | acres... 846         | 30         | 144           | 20         |                 |           | 46        | 25        |  |
| 79   | Blackberries and dewberries.....      | quarts.. 959,399     | 20,372     | 115,855       | 28,149     |                 | 132       | 61,534    | 28,354    |  |
| 80   | Nuts.....                             | acres... 1,180       | 3          | 269           | 31         |                 | 16        | 302       | 6         |  |
| 81   | Nuts.....                             | pounds.. 1,372,104   | 2,917      | 340,960       | 32,928     |                 | 18,395    | 354,767   | 6,704     |  |

TABLE 5.—SELECTED FARM EXPENSES

| 1 | Labor.....                                | Farms reporting..... | 31,982  | 607     | 1,372     | 2,960  | 18     | 484     | 1,104   | 2,699 |
|---|---|----------------------|---------|---------|-----------|--------|--------|---------|---------|-------|
| 2 | Cash expended.....                        | dollars.. 6,748,157  | 103,797 | 583,616 | 1,137,639 | 15,282 | 46,215 | 180,792 | 319,553 |       |
| 3 | Rent and board furnished.....             | dollars.. 2,059,015  | 28,333  | 74,089  | 316,072   | 2,816  | 17,730 | 59,455  | 110,049 |       |
| 4 | Fertilizer.....                           | Farms reporting..... | 37,154  | 459     | 1,206     | 3,318  | 8      | 619     | 1,691   | 3,210 |
| 5 | Amount expended.....                      | dollars.. 3,387,834  | 14,740  | 261,270 | 382,229   | 538    | 20,588 | 157,466 | 206,110 |       |
| 6 | Feed.....                                 | Farms reporting..... | 23,198  | 650     | 1,109     | 2,909  | 17     | 215     | 490     | 2,343 |
| 7 | Amount expended.....                      | dollars.. 2,445,065  | 62,249  | 190,103 | 629,421   | 10,778 | 7,707  | 21,562  | 255,999 |       |
| 8 | Receipts from sale of feedable crops..... | dollars.. 3,240,590  | 48,279  | 49,433  | 272,271   | 325    | 8,835  | 168,547 | 193,440 |       |

# STATISTICS OF AGRICULTURE.

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## PRODUCTION OF PRINCIPAL CROPS, BY COUNTIES: 1909.

|  |                                      | Cecil.    | Charles. | Dorchester. | Frederick. | Garrett.  | Harford.  | Howard.   | Kent.     |  |
|--|--------------------------------------|-----------|----------|-------------|------------|-----------|-----------|-----------|-----------|--|
| <b>VALUE OF ALL CROPS</b>                  |                                      |           |          |             |            |           |           |           |           |  |
| 1  | Total                                | 1,793,965 | 861,331  | 1,601,245   | 4,210,853  | 1,237,212 | 2,284,823 | 1,517,829 | 1,730,499 |  |
| 2  | Cereals                              | 1,133,648 | 323,625  | 677,341     | 2,804,998  | 371,793   | 1,104,091 | 887,727   | 1,175,317 |  |
| 3  | Other grains and seeds               | 223       | 90       | 2,135       | 30,574     | 432       | 1,672     | 1,661     | 6,500     |  |
| 4  | Hay and forage                       | 373,781   | 63,937   | 119,855     | 732,681    | 382,531   | 466,551   | 268,320   | 151,752   |  |
| 5  | Vegetables                           | 165,751   | 69,610   | 597,897     | 320,501    | 161,588   | 519,694   | 143,810   | 220,164   |  |
| 6  | Fruits and nuts                      | 44,815    | 21,801   | 45,339      | 146,711    | 33,900    | 91,827    | 100,743   | 131,011   |  |
| 7  | All other crops                      | 72,747    | 382,259  | 158,578     | 176,388    | 286,908   | 101,988   | 115,568   | 45,755    |  |
| <b>SELECTED CROPS (acres and quantity)</b> |                                      |           |          |             |            |           |           |           |           |  |
| 8  | <b>Cereals:</b>                      |           |          |             |            |           |           |           |           |  |
| 9  | Total                                | 62,147    | 29,820   | 48,623      | 151,897    | 27,326    | 52,813    | 46,552    | 72,023    |  |
| 10   | Corn                                 | 1,514,589 | 470,191  | 952,393     | 3,539,376  | 589,219   | 1,568,915 | 1,103,961 | 1,439,531 |  |
| 11   | Oats                                 | 24,913    | 20,977   | 27,372      | 57,719     | 6,821     | 27,691    | 19,909    | 27,736    |  |
| 12   | Wheat                                | 762,514   | 380,866  | 694,736     | 1,871,188  | 197,204   | 1,057,332 | 634,551   | 602,567   |  |
| 13   | Buckwheat                            | 5,071     | 436      | 162         | 2,811      | 11,396    | 1,155     | 1,155     | 1,026     |  |
| 14   | Rye                                  | 168,622   | 7,552    | 2,081       | 64,107     | 248,390   | 147,905   | 26,278    | 17,503    |  |
| 15   | Barley                               | 31,900    | 7,233    | 20,947      | 85,336     | 2,761     | 19,120    | 24,205    | 43,199    |  |
| 16   | Millet                               | 590,358   | 72,509   | 254,460     | 1,501,122  | 45,853    | 353,016   | 427,428   | 729,305   |  |
| 17   | Sorghum                              | 110       | 107      | 68          | 5,440      | 259       | 23        | 23        | 1         |  |
| 18   | Rye                                  | 1,614     | 1,071    | 1,491       | 1,080      | 85,493    | 3,571     | 296       | 20        |  |
| 19   | Other grains:                        | 75        | 1,071    | 35          | 4,781      | 805       | 315       | 1,190     | 11        |  |
| 20   | Dry peas                             | 1,108     | 9,184    | 219         | 67,663     | 9,933     | 4,640     | 14,841    | 136       |  |
| 21   | Dry edible beans                     | 2         | 9        | 86          |            |           | 12        | 11        | 7         |  |
| 22   | Other grains                         | 34        | 29       | 809         |            |           | 114       | 55        | 35        |  |
| 23   | Hay and forage:                      | 4         | 1        | 8           | 90         | 26        | 17        | 6         | 4         |  |
| 24   | Total                                | 24,725    | 4,088    | 7,967       | 52,404     | 27,964    | 29,811    | 17,667    | 10,691    |  |
| 25   | All tame or cultivated grasses       | 28,181    | 4,390    | 10,305      | 64,767     | 29,741    | 38,870    | 18,846    | 11,451    |  |
| 26   | Timothy alone                        | 24,268    | 3,876    | 7,018       | 49,157     | 26,891    | 28,969    | 17,338    | 10,422    |  |
| 27   | Timothy and clover mixed             | 26,170    | 4,112    | 9,250       | 56,600     | 26,690    | 34,559    | 17,655    | 11,011    |  |
| 28   | Clover alone                         | 8,606     | 832      | 2,302       | 14,497     | 6,105     | 17,027    | 6,709     | 3,280     |  |
| 29   | Alfalfa                              | 9,939     | 1,026    | 2,935       | 17,309     | 6,168     | 19,854    | 7,216     | 3,834     |  |
| 30   | Millet or Hungarian grass            | 14,839    | 1,834    | 1,902       | 31,044     | 20,179    | 10,388    | 9,978     | 5,771     |  |
| 31   | Other tame or cultivated grasses     | 15,088    | 1,919    | 2,365       | 35,058     | 19,915    | 12,723    | 9,799     | 5,723     |  |
| 32   | Wild, salt, or prairie grasses       | 237       | 121      | 2,455       | 2,959      | 163       | 1,033     | 480       | 889       |  |
| 33   | Grains cut green                     | 294       | 112      | 3,430       | 3,385      | 187       | 1,314     | 421       | 762       |  |
| 34   | Coarse forage                        | 68        | 122      | 21          | 137        | 10        | 150       | 70        | 206       |  |
| 35   | Other tame or cultivated grasses     | 154       | 247      | 54          | 324        | 19        | 304       | 125       | 562       |  |
| 36   | Wild, salt, or prairie grasses       | 402       | 96       | 30          | 90         | 9         | 38        | 10        | 5         |  |
| 37   | Grains cut green                     | 579       | 107      | 36          | 129        | 14        | 57        | 13        | 2         |  |
| 38   | Coarse forage                        | 116       | 871      | 308         | 430        | 425       | 333       | 91        | 201       |  |
| 39   | Other tame or cultivated grasses     | 116       | 701      | 430         | 395        | 387       | 307       | 81        | 128       |  |
| 40   | Wild, salt, or prairie grasses       | 10        | 39       | 224         | 68         | 828       | 50        | 1         | 87        |  |
| 41   | Grains cut green                     | 4         | 49       | 278         | 63         | 1,053     | 19        | 1         | 60        |  |
| 42   | Coarse forage                        | 107       | 147      | 661         | 78         | 24        | 256       | 145       | 71        |  |
| 43   | Other tame or cultivated grasses     | 467       | 204      | 655         | 143        | 79        | 598       | 386       | 48        |  |
| 44   | Wild, salt, or prairie grasses       | 340       | 36       | 64          | 3,101      | 221       | 635       | 182       | 111       |  |
| 45   | Grains cut green                     | 1,540     | 25       | 122         | 7,961      | 1,919     | 3,686     | 799       | 332       |  |
| 46   | <b>Special crops:</b>                |           |          |             |            |           |           |           |           |  |
| 47   | Potatoes                             | 1,680     | 338      | 706         | 2,503      | 1,707     | 2,457     | 1,442     | 681       |  |
| 48   | Sweet potatoes and yams              | 122,926   | 18,815   | 77,518      | 217,794    | 157,946   | 180,724   | 91,241    | 60,476    |  |
| 49   | All other vegetables                 | 44        | 90       | 356         | 39         | 9         | 20        | 35        | 71        |  |
| 50   | Tobacco                              | 2,834     | 6,335    | 54,194      | 4,433      | 1,055     | 1,979     | 2,957     | 5,610     |  |
| 51   | All other special crops              | 1,644     | 836      | 10,966      | 5,148      | 640       | 11,258    | 1,426     | 3,838     |  |
| 52   | Tobacco                              | 4,831     | 4,831    | 168         | 168        | 100       | 69        | 65        |           |  |
| 53   | <b>FRUITS AND NUTS</b>               |           |          |             |            |           |           |           |           |  |
| 54   | Total                                | 66,968    | 47,555   | 133,808     | 189,255    | 124,253   | 109,640   | 82,600    | 390,387   |  |
| 55   | Apples                               | 71,543    | 39,397   | 41,033      | 200,638    | 39,459    | 187,509   | 161,995   | 225,281   |  |
| 56   | Peaches and nectarines               | 33,687    | 26,899   | 46,269      | 103,982    | 99,318    | 73,722    | 55,720    | 23,541    |  |
| 57   | Pears                                | 52,152    | 34,554   | 20,009      | 164,879    | 31,941    | 140,089   | 139,304   | 30,321    |  |
| 58   | Plums and prunes                     | 14,493    | 12,483   | 71,535      | 49,728     | 6,900     | 16,247    | 9,114     | 190,594   |  |
| 59   | Cherries                             | 4,902     | 2,195    | 17,228      | 21,114     | 1,428     | 6,991     | 4,369     | 53,356    |  |
| 60   | Quinces                              | 14,696    | 4,973    | 12,721      | 15,314     | 4,670     | 13,760    | 12,204    | 172,938   |  |
| 61   | Grapes                               | 13,067    | 1,579    | 3,124       | 6,574      | 1,139     | 8,893     | 15,304    | 141,396   |  |
| 62   | Tropical fruits:                     | 1,224     | 1,698    | 1,465       | 6,246      | 5,020     | 2,784     | 2,181     | 2,474     |  |
| 63   | Figs                                 | 1,330     | 403      | 201         | 1,085      | 1,500     | 650       | 651       | 1,000     |  |
| 64   | Small fruits:                        | 2,008     | 1,371    | 1,180       | 9,596      | 7,948     | 2,136     | 2,717     | 781       |  |
| 65   | Strawberries                         | 566       | 624      | 338         | 5,292      | 3,329     | 568       | 2,145     | 105       |  |
| 66   | Raspberries and loganberries         | 827       | 74       | 609         | 4,058      | 350       | 939       | 607       | 57        |  |
| 67   | Blackberries and dewberries          | 525       | 16       | 132         | 1,639      | 91        | 418       | 196       | 3         |  |
| 68   | Nuts                                 | 2,674     | 1,619    | 5,070       | 12,275     | 3,888     | 4,167     | 4,921     | 5,023     |  |
| 69   | Total                                | 59,580    | 45,287   | 46,413      | 368,436    | 92,606    | 88,863    | 106,892   | 28,730    |  |
| 70   | Figs                                 |           | 2        | 528         | 2          | 9         |           | 1         |           |  |
| 71   | Small fruits:                        |           | 2        | 528         | 2          | 9         |           | 1         |           |  |
| 72   | Total                                |           | 20       | 15,504      | 25         | 340       |           | 5         |           |  |
| 73   | Strawberries                         | 24        | 5        | 329         | 148        | 33        | 21        | 154       | 123       |  |
| 74   | Raspberries and loganberries         | 34,525    | 6,071    | 418,498     | 156,379    | 24,769    | 40,723    | 301,328   | 138,813   |  |
| 75   | Blackberries and dewberries          | 20        | 5        | 248         | 84         | 21        | 17        | 144       | 44        |  |
| 76   | Nuts                                 | 32,524    | 5,927    | 324,513     | 89,488     | 17,635    | 34,875    | 290,921   | 55,705    |  |
| 77   | Strawberries                         | 1         | 4        | 60          | 8          | 2         | 3         | 3         | 3         |  |
| 78   | Raspberries and loganberries         | 579       | 94       | 8,424       | 62,397     | 4,867     | 1,910     | 3,623     | 1,811     |  |
| 79   | Blackberries and dewberries          | 1         | 4        | 67          | 4          | 3         | 2         | 3         | 3         |  |
| 80   | Nuts                                 | 274       |          | 78,400      | 3,670      | 1,238     | 2,624     | 2,401     | 7,700     |  |
| 81   | Total                                | 480       | 38       | 169         | 3,847      | 94        | 300       | 96        | 128       |  |
| 82   | Receipts from sale of feedable crops | 15,037    | 3,140    | 6,495       | 56,898     | 8,635     | 9,906     | 2,490     | 3,855     |  |

## AND RECEIPTS, BY COUNTIES: 1909.

|    |                                      |         |         |         |         |        |         |         |         |
|----|--------------------------------------|---------|---------|---------|---------|--------|---------|---------|---------|
| 1  | Labor                                | 1,263   | 902     | 1,241   | 2,945   | 839    | 1,815   | 976     | 903     |
| 2  | Farms reporting                      |         |         |         |         |        |         |         |         |
| 3  | Cash expended                        | 292,471 | 106,653 | 172,387 | 475,984 | 96,193 | 380,901 | 246,357 | 309,755 |
| 4  | Rent and board furnished             | 121,853 | 34,271  | 46,981  | 193,755 | 20,764 | 129,696 | 90,611  | 158,503 |
| 5  | Fertilizer                           | 1,381   | 1,062   | 1,781   | 3,125   | 1,017  | 2,176   | 1,611   | 938     |
| 6  | Farms reporting                      |         |         |         |         |        |         |         |         |
| 7  | Amount expended                      | 174,538 | 52,195  | 140,305 | 197,220 | 36,958 | 290,604 | 126,742 | 152,076 |
| 8  | Feed                                 | 914     | 580     | 832     | 2,429   | 1,207  | 1,538   | 560     | 433     |
| 9  | Farms reporting                      |         |         |         |         |        |         |         |         |
| 10 | Amount expended                      | 82,170  | 27,858  | 39,743  | 213,304 | 80,287 | 153,703 | 49,588  | 30,445  |
| 11 | Receipts from sale of feedable crops | 224,899 | 32,865  | 113,283 | 316,812 | 44,688 | 174,994 | 180,602 | 198,384 |



TABLE 4.—VALUE OF ALL CROPS AND CLASSES THEREOF, AND ACREAGE AND PRODUCTION OF PRINCIPAL CROPS BY COUNTIES: 1909—Continued.

Table with 11 columns for counties (Montgomery, Prince Georges, Queen Annes, St. Marys, Somerset, Talbot, Washington, Wicomico, Worcester) and rows for crop categories (Total, Cereals, Other grains and seeds, Hay and forage, Vegetables, Fruits and nuts, etc.) with values in dollars and acres.

TABLE 5.—SELECTED FARM EXPENSES AND RECEIPTS, BY COUNTIES: 1909—Continued.

Table with 11 columns for counties and rows for farm expenses and receipts (Labor, Fertilizer, Feed, Receipts from sale of feedable crops) with values in dollars.

STATISTICS OF AGRICULTURE.

TABLE 6.—NUMBER AND VALUE OF DOMESTIC ANIMALS NOT ON FARMS, BY COUNTIES: APRIL 15, 1910.

|    | THE STATE.                                 | Allegheny. | Anne Arundel. | Baltimore. | Baltimore City. | Calvert.  | Caroline. | Carroll. | Cecil.  |         |
|----|--|------------|---------------|------------|-----------------|-----------|-----------|----------|---------|---------|
| 1  | Inclusures reporting domestic animals..... | 26,838     | 2,054         | 672        | 3,171           | 3,763     | 142       | 609      | 1,539   | 743     |
| 2  | Value of domestic animals.....dollars..    | 7,195,972  | 357,039       | 109,620    | 1,366,434       | 2,698,081 | 31,568    | 119,412  | 276,512 | 134,187 |
| 3  | <b>Cattle:</b>                             |            |               |            |                 |           |           |          |         |         |
| 4  | Total number.....                          | 14,710     | 2,063         | 421        | 2,523           | 665       | 119       | 105      | 748     | 430     |
| 5  | Value.....dollars..                        | 484,112    | 68,895        | 13,261     | 94,342          | 31,025    | 3,205     | 4,215    | 23,883  | 14,115  |
| 6  | Number of dairy cows.....                  | 11,009     | 1,685         | 330        | 1,933           | 554       | 75        | 86       | 572     | 334     |
| 7  | <b>Horses:</b>                             |            |               |            |                 |           |           |          |         |         |
| 8  | Total number.....                          | 40,121     | 1,755         | 735        | 5,181           | 15,280    | 155       | 771      | 1,775   | 1,035   |
| 9  | Value.....dollars..                        | 5,952,420  | 252,235       | 85,378     | 1,170,845       | 2,356,565 | 27,264    | 96,725   | 224,909 | 116,650 |
| 10 | Number of mature horses.....               | 39,620     | 1,737         | 715        | 5,141           | 15,221    | 152       | 762      | 1,739   | 1,027   |
| 11 | <b>Mules and asses and burros:</b>         |            |               |            |                 |           |           |          |         |         |
| 12 | Total number.....                          | 3,624      | 195           | 53         | 525             | 1,812     | 3         | 90       | 59      | 14      |
| 13 | Value.....dollars..                        | 577,512    | 27,265        | 7,639      | 85,880          | 308,573   | 280       | 14,923   | 7,800   | 1,540   |
| 14 | Number of mature mules.....                | 3,519      | 185           | 53         | 519             | 1,763     | 3         | 89       | 52      | 13      |
| 15 | <b>Swine:</b>                              |            |               |            |                 |           |           |          |         |         |
| 16 | Total number.....                          | 24,424     | 1,013         | 558        | 1,780           | 100       | 195       | 523      | 2,450   | 292     |
| 17 | Value.....dollars..                        | 170,355    | 8,331         | 3,164      | 14,372          | 1,093     | 819       | 3,549    | 19,643  | 1,899   |
| 18 | <b>Sheep and goats:</b>                    |            |               |            |                 |           |           |          |         |         |
| 19 | Total number.....                          | 1,055      | 46            | 27         | 186             | 149       | .....     | 43       | .....   | 4       |
| 20 | Value.....dollars..                        | 5,573      | 313           | 178        | 995             | 819       | .....     | 277      | .....   | 13      |

|    | Charles.                                   | Dorchester. | Frederick. | Garrett. | Harford. | Howard. | Kent.  | Montgomery. |         |
|----|--|-------------|------------|----------|----------|---------|--------|-------------|---------|
| 1  | Inclusures reporting domestic animals..... | 158         | 1,113      | 2,344    | 506      | 984     | 385    | 872         | 1,092   |
| 2  | Value of domestic animals.....dollars..    | 30,055      | 143,814    | 360,396  | 86,669   | 195,221 | 71,742 | 124,988     | 187,042 |
| 3  | <b>Cattle:</b>                             |             |            |          |          |         |        |             |         |
| 4  | Total number.....                          | 206         | 667        | 1,360    | 553      | 799     | 248    | 119         | 632     |
| 5  | Value.....dollars..                        | 5,018       | 15,598     | 40,910   | 17,627   | 25,802  | 9,021  | 3,026       | 22,790  |
| 6  | Number of dairy cows.....                  | 137         | 292        | 934      | 411      | 618     | 209    | 91          | 529     |
| 7  | <b>Horses:</b>                             |             |            |          |          |         |        |             |         |
| 8  | Total number.....                          | 226         | 885        | 2,175    | 460      | 1,224   | 446    | 937         | 990     |
| 9  | Value.....dollars..                        | 23,035      | 104,200    | 283,204  | 59,885   | 154,998 | 53,985 | 107,897     | 118,778 |
| 10 | Number of mature horses.....               | 208         | 874        | 2,111    | 453      | 1,193   | 438    | 919         | 951     |
| 11 | <b>Mules and asses and burros:</b>         |             |            |          |          |         |        |             |         |
| 12 | Total number.....                          | 4           | 104        | 23       | 51       | 55      | 37     | 63          | 46      |
| 13 | Value.....dollars..                        | 400         | 17,545     | 3,910    | 6,815    | 8,025   | 6,340  | 9,200       | 5,685   |
| 14 | Number of mature mules.....                | 4           | 101        | 27       | 48       | 53      | 37     | 61          | 46      |
| 15 | <b>Swine:</b>                              |             |            |          |          |         |        |             |         |
| 16 | Total number.....                          | 148         | 1,055      | 4,228    | 273      | 860     | 341    | 745         | 1,432   |
| 17 | Value.....dollars..                        | 881         | 6,252      | 31,229   | 2,122    | 6,194   | 2,329  | 3,665       | 9,738   |
| 18 | <b>Sheep and goats:</b>                    |             |            |          |          |         |        |             |         |
| 19 | Total number.....                          | 28          | 48         | 219      | 41       | 39      | 12     | .....       | 15      |
| 20 | Value.....dollars..                        | 121         | 219        | 1,143    | 220      | 202     | 67     | .....       | 51      |

|    | Prince Georges.                            | Queen Annes. | St. Marys. | Somerset. | Talbot. | Washington. | Wicomico. | Worcester. |         |
|----|--|--------------|------------|-----------|---------|-------------|-----------|------------|---------|
| 1  | Inclusures reporting domestic animals..... | 890          | 724        | 196       | 773     | 621         | 1,874     | 891        | 722     |
| 2  | Value of domestic animals.....dollars..    | 128,405      | 98,808     | 35,853    | 70,970  | 85,233      | 268,064   | 126,377    | 119,482 |
| 3  | <b>Cattle:</b>                             |              |            |           |         |             |           |            |         |
| 4  | Total number.....                          | 526          | 141        | 257       | 364     | 113         | 1,222     | 185        | 244     |
| 5  | Value.....dollars..                        | 18,823       | 4,368      | 7,295     | 9,769   | 3,641       | 33,993    | 5,748      | 6,842   |
| 6  | Number of dairy cows.....                  | 442          | 105        | 153       | 230     | 77          | 903       | 110        | 199     |
| 7  | <b>Horses:</b>                             |              |            |           |         |             |           |            |         |
| 8  | Total number.....                          | 898          | 772        | 198       | 508     | 663         | 1,588     | 750        | 714     |
| 9  | Value.....dollars..                        | 101,396      | 86,285     | 23,270    | 53,808  | 70,833      | 194,119   | 96,480     | 89,076  |
| 10 | Number of mature horses.....               | 877          | 751        | 191       | 501     | 657         | 1,566     | 739        | 697     |
| 11 | <b>Mules and asses and burros:</b>         |              |            |           |         |             |           |            |         |
| 12 | Total number.....                          | 23           | 17         | 17        | 28      | 52          | 92        | 124        | 132     |
| 13 | Value.....dollars..                        | 2,760        | 5,335      | 2,300     | 3,225   | 6,700       | 10,645    | 16,750     | 17,971  |
| 14 | Number of mature mules.....                | 23           | 10         | 17        | 26      | 52          | 85        | 123        | 129     |
| 15 | <b>Swine:</b>                              |              |            |           |         |             |           |            |         |
| 16 | Total number.....                          | 772          | 620        | 444       | 656     | 646         | 3,318     | 1,080      | 895     |
| 17 | Value.....dollars..                        | 5,216        | 2,820      | 2,475     | 4,116   | 4,026       | 29,190    | 7,369      | 5,593   |
| 18 | <b>Sheep and goats:</b>                    |              |            |           |         |             |           |            |         |
| 19 | Total number.....                          | 34           | .....      | 110       | 17      | 6           | 25        | 6          | .....   |
| 20 | Value.....dollars..                        | 210          | .....      | 513       | 52      | 33          | 117       | 30         | .....   |

## CHAPTER 4.

# STATISTICS OF MANUFACTURES FOR THE STATE, CITIES, AND INDUSTRIES.

**Introduction.**—This chapter gives the statistics of manufactures for the state of Maryland for the calendar year 1909 as shown by the Thirteenth Census.

The text summarizes the general results of the census inquiry, presenting a series of special tables in which the main facts printed in the general tables are given in convenient form for the state as a whole and for important industries. It also presents tables in which the statistics for the industries of the state as a whole and for a few important industries are classified by character of ownership, size of establishments, number of wage earners, and prevailing hours of labor, information which could not be presented in general tables for each industry without disclosing the facts for individual establishments.

At the end of the chapter are three general tables.

Table I gives for 1909, 1904, and 1899 the number of establishments and of persons engaged in the industries, primary power, capital, salaries and wages, cost of materials, value of products, and value added by manufacture reported for all industries combined and for certain important industries (1) for the state as a whole and (2) for the city of Baltimore. It also gives the same items for all industries combined for every city having in 1910 a population of over 10,000 but less than 50,000.

Table II gives statistics in greater detail for 1909 for the state and for a larger number of industries.

Table III gives statistics in detail for 1909 for Baltimore for all industries combined and selected industries, and for each city having from 10,000 to 50,000 inhabitants for all industries combined.

**Scope of census: Factory industries.**—Census statistics of manufactures are compiled primarily for the purpose of showing the absolute and relative magnitude of the different branches of industry covered and their growth or decline. Incidentally, the effort is made to present data throwing light upon character of organization, location of establishments, size of establishments, labor force, and similar subjects. When use is made of the data for these purposes, it is imperative that due attention should be given to the limitations of the figures. Particularly is this true when the attempt is made to derive from them figures purporting to show average wages, cost of production, or profits. These limitations will be fully discussed in the general report on manufactures for the United States as a whole.

The census of 1909, like that of 1904, was confined to manufacturing establishments conducted under the factory system, as distinguished from the neighborhood, hand, and building industries. Where statistics for 1899 are given they have been reduced to a

comparable basis by eliminating the latter classes of industries. The census does not include establishments which were idle during the entire year, or had a value of products of less than \$500, or the manufacturing done in educational, eleemosynary, and penal institutions, or in governmental establishments, except those of the Federal Government.

**Period covered.**—The returns cover the calendar year 1909, or the business year which corresponds most nearly to that calendar year. The statistics cover a year's operations, except for establishments which began or discontinued business during the year.

**The establishment.**—The term "establishment" comprises the factories, mills, or plants which are under a common ownership or control and for which one set of books of account is kept.

If, however, the plants constituting an establishment as thus defined were not all located within the same city or state, separate reports were secured in order that the separate totals might be included in the statistics for each city or state. In some instances separate reports were secured for different industries carried on in the same establishment.

**Classification by industries.**—The establishments were assigned to the several classes of industries according to their products of chief value. The products reported for a given industry may thus, on the one hand, include minor products very different from those covered by the class designation, and, on the other hand, may not include the total product covered by this designation, because some part of this product may be made in establishments in which it is not the product of chief value.

**Selected industries.**—The general tables at the end of this chapter give the principal facts separately for the industries of the state. A selection has been made of the leading industries of the state for more detailed consideration. Sometimes an industry of greater importance than some of those selected is omitted because it comprises so few establishments that these detailed presentations would reveal the operations of individual concerns.

**Comparisons with previous censuses.**—Owing to the changes in industrial conditions it is not always possible to classify establishments by industries in such a way as to permit accurate comparison with preceding censuses. Table I, giving comparable figures for 1909, 1904, and 1899, therefore, does not embrace all the industries shown for 1909 in Table II.

**Influence of increased prices.**—In considering changes in cost of materials, value of products, and value added by manufacture, account should be taken of the general increase in the prices of commodities during recent years. To the extent to which this factor has been influential the figures can not be taken as an exact measure of increase in the volume of business.

**Persons engaged in industry.**—At the censuses of 1909, 1904, and 1899 the following general classes of persons engaged in manufacturing industries have been distinguished: (1) Proprietors and firm members, (2) salaried officers of corporations, (3) superintendents and managers, (4) clerks, and (5) wage earners. In the censuses of 1904 and 1899 these five classes were shown according to the three main groups: (1) Proprietors and firm members, (2) salaried officials, clerks, etc., and (3) wage earners. The second group included the three classes of salaried officers of corporations, superintendents and

managers, and clerks. In the present census an entirely different grouping is employed: That into (1) proprietors and officials, (2) clerks, and (3) wage earners. The first group includes proprietors and firm members, salaried officers of corporations, and superintendents and managers.

At this census the number of persons engaged in the industries, segregated by sex, and, in the case of wage earners, also by age (whether under 16 or 16 and over), was reported for December 15, or the nearest representative day. The 15th of December was selected as representing for most industries normal conditions of employment, but where conditions were exceptional, and particularly in the case of certain seasonal industries, the December date could not be accepted as typical and an earlier date had to be chosen.

In the case of employees other than wage earners the number thus reported on December 15, or other representative day, has been treated as equivalent to the average for the year, since the number of employees of this class does not vary much from month to month in a given industry. In the case of wage earners the average is obtained in the manner explained in the next paragraph.

**Wage earners.**—In addition to the report by sex and age of the number of wage earners on December 15, or other representative day, a report was obtained of the number employed on the 15th of each month, without distinction of sex or age. From these figures the average number of wage earners for the year has been calculated by dividing the sum of the numbers reported each month by 12. The average thus obtained represents the number of wage earners that would be required to perform the work done if all were constantly employed during the entire year. Accordingly, the importance of any industry as an employer of labor is believed to be more accurately measured by this average than by the number employed at any one time or on a given day.

The number of wage earners reported for the representative day, though given for each separate industry, is not totaled for all industries combined, because in view of the variations of date such a total is believed not to be significant. It would involve more or less duplication of persons working in different industries at different times, would not represent the total number employed in all industries at any one time, and would give an undue weight to seasonal industries as compared with industries in continual operation.

In particular, totals by sex and age for the wage earners reported for the representative day would be misleading because of the undue weight given to seasonal industries, in some of which, such as canning and preserving, the distribution of the wage earners by sex and age is materially different from that in most industries of more regular operation. In order to determine as nearly as possible the sex and age distribution of the average number of wage earners in the state as a whole, the following procedure has been adopted:

The percentage distribution by sex and age of the wage earners in each industry, for December 15, or the nearest representative day, has been calculated from the actual numbers reported for that date. This percentage has been applied to the average number of wage earners for the year in that industry, to determine the average number of men, women, and children employed. These calculated averages for the several industries have been added up to give the average distribution for the state as a whole.

In 1899 and 1904 the schedule called for the average number of wage earners of each sex 16 years and over, and the total number under 16 years of age, for each month, and these monthly statements were combined in an annual average. Comparatively few manufacturing concerns, however, keep their books in such way as to show readily the number of men, women, and children (under 16) employed each month. These monthly returns by sex and age were, in fact, largely estimates. It was believed that a more accurate and reliable sex and age distribution could be secured by taking as a basis of estimate the actual numbers employed on a single day.

**Prevailing hours of labor.**—The census made no attempt to ascertain the number of employees working a given number of hours per week. The inquiry called merely for the prevailing practice followed in each establishment. Occasional variations in hours in an

establishment from one period to another are disregarded, and no attention is given to the fact that a limited number of employees may have hours differing from those of the majority. In the tables all the wage earners of each establishment are counted in the class within which the establishment itself falls. In most establishments, however, all or practically all the employees work the same number of hours, so that these figures give a substantially correct picture of the hours of labor in manufacturing industries.

**Capital.**—For reasons stated in prior census reports, the statistics of capital secured by the census canvass are so defective as to be without value, except as indicating very general conditions. The instructions on the schedule for securing capital were as follows:

The answer should show the total amount of capital, both owned and borrowed, on the last day of the business year reported. All the items of fixed and live capital may be taken at the amounts carried on the books. If land or buildings are rented, that fact should be stated and no value given. If a part of the land or buildings is owned, the remainder being rented, that fact should be so stated and only the value of the owned property given. Do not include securities and loans representing investments in other enterprises.

**Materials.**—Cost of materials refers to the materials used during the year, which may be more or less than the materials purchased during the year. The term materials includes fuel, rent of power and heat, mill supplies, and containers, as well as materials forming a constituent part of the product. Fuel includes all fuel used, whether for heat, light, or power, or for the process of manufacture.

**Expenses.**—Under "Expenses" are included all items of expense incident to the year's business, except interest, whether on bonds or other forms of indebtedness, dividends on stock, and allowances for depreciation.

**Value of products.**—The value of products for any industry includes the total value of all products manufactured in establishments whose products of chief value fall under the industry designation. The amounts given represent the selling value at the factory of all products manufactured during the year, which may differ from the value of the products sold. Amounts received for work on materials furnished by others are included.

**Value added by manufacture.**—The value of products is not a satisfactory measure of either the absolute or the relative importance of a given industry, because only a part of this value is actually created by the manufacturing process carried on in the industry itself. Another part of it, and often by far the larger part, represents the value of the materials used, which have been produced by agriculture or mining or by other industrial establishments. For many purposes, therefore, the best measure of the importance of different classes of industry is the value created as the result of the manufacturing operations carried on within the industry. This value is obtained by deducting the cost of the materials consumed from the value of the product. The figure thus obtained is termed in the census reports "value added by manufacture."

There is a further statistical advantage which "value added" has over gross value of products. In combining the value of products for all industries the value of products produced by one establishment and used as materials in another is duplicated, and the total, therefore, gives a greatly exaggerated idea of the wealth created. No such duplication takes place in the total "value added by manufacture."

**Cost of manufacture and profits.**—Census data do not show the entire cost of manufacture, and consequently can not be used to show profits. No account has been taken of interest and depreciation. Even if the amount of profit could be determined by deducting the expenses from the value of the products the rate of profit on the investment could not properly be calculated, because of the very defective character of the returns regarding capital.

**Primary power.**—The figures given for this item show the total of the primary power used by the establishments. They do not cover the power developed by motors operated by such power, the inclusion of which would evidently result in duplication.

**Location of establishments.**—The Census Bureau has classified establishments by their location in cities or classes of cities. In interpreting these figures due consideration should be given to the fact that often establishments are located just outside the bound-

ries of cities, and are necessarily so classified, though locally they are looked upon as constituting a part of the manufacturing interests of the cities.

**Laundries.**—The census of 1909 was the first to include statistics of laundries. The reports are confined to establishments using mechanical power. The data are presented separately and are not

included in the general total for manufacturing industries, in order to avoid interference with comparisons with prior censuses.

**Custom sawmills and gristmills.**—In order to make the statistics for 1909 comparable with those for 1904 the data for these mills have been excluded from all the tables presenting general statistics, and are given in a separate table at the end of this chapter.

INDUSTRIES IN GENERAL.

**General character of the state.**—Maryland, with a gross area of 12,327 square miles, of which 2,386 represent water surface, and a population in 1910 of 1,295,346, ranks forty-first in area and twenty-seventh in population among the 49 states and territories of continental United States. The total population was 1,188,044 in 1900 and 1,042,390 in 1890. Over two-fifths of its total population live within the corporate limits of the city of Baltimore, whose population in 1910 was 558,485. There is, moreover, a very considerable population immediately suburban to Baltimore not included within its corporate limits. No other city in the state approaches Baltimore in population, but there were three other cities which in 1910 had a population of 10,000 or more. These cities named in order of their importance were: Cumberland, Hagerstown, and Frederick. Outside of these four cities and their immediate vicinities the population of the state is largely scattered and devoted to agriculture. The density of population in 1910 was 130.3, as compared with 119.5 in 1900. Baltimore is an important seaport, ranking fourth among all the ports of the United States in the value of exports and sixth in the value of imports in 1910. The transportation facilities of the state, which is traversed by

the main lines of two important railroad systems, are excellent.

**Importance and growth of manufactures.**—The manufactures of the state have increased in value during the last decade 49.6 per cent, a rate of increase much higher than that shown by the population, which increased 9 per cent. In gross value of manufactured products Maryland has, moreover, maintained its rank among the states for a very considerable period. In 1849 it ranked seventh among the states in gross value of manufactured products; in 1869 it was fourteenth, which position it still held in 1904. In 1909, however, it was the fifteenth state when measured by value of products. During this period the gross value of products per capita of the total population of the state increased from \$57 in 1849 to \$244 in 1909. With the rapid development of manufactures in other sections, however, Maryland's proportion of the total value of manufactures in the country declined from 3.2 per cent in 1849 to 1.6 per cent in 1904, and to 1.5 per cent in 1909.

The following table gives the more important figures relative to all classes of manufactures combined for 1909, 1904, and 1899, together with the percentages of increase from census to census:

|  | NUMBER OR AMOUNT. |               |                  | PER CENT OF INCREASE. <sup>1</sup> |                  |
|--|-------------------|---------------|------------------|------------------------------------|------------------|
|  | 1909              | 1904          | 1899             | 1904-1909                          | 1899-1904        |
| Number of establishments.....  | 4,837             | 3,852         | 3,886            | 25.6                               | -0.9             |
| Persons engaged in manufactures.....                                       | 125,489           | 107,303       | ( <sup>2</sup> ) | 16.9                               | .....            |
| Proprietors and firm members.....  | 5,376             | 4,505         | ( <sup>2</sup> ) | 19.3                               | .....            |
| Salaried employees.....  | 12,192            | 8,624         | 6,741            | 41.4                               | 27.9             |
| Wage earners (average number).....   | 107,921           | 94,174        | 94,170           | 14.6                               | ( <sup>3</sup> ) |
| Primary horsepower.....  | 218,244           | 165,449       | 132,052          | 31.9                               | 25.3             |
| Capital.....   | \$251,227,000     | \$201,878,000 | \$149,155,000    | 24.4                               | 35.3             |
| Expenses.....  | 285,955,000       | 216,917,000   | 183,398,000      | 31.8                               | 18.3             |
| Services.....  | 59,053,000        | 44,988,000    | 39,259,000       | 31.3                               | 14.6             |
| Salaries.....  | 13,617,000        | 8,844,000     | 6,845,000        | 54.0                               | 29.2             |
| Wages.....   | 45,436,000        | 36,144,000    | 32,414,000       | 25.7                               | 11.5             |
| Materials.....   | 199,049,000       | 150,024,000   | 129,354,000      | 32.7                               | 16.0             |
| Miscellaneous.....   | 27,853,000        | 21,905,000    | 14,785,000       | 27.2                               | 48.2             |
| Value of products.....   | 315,669,000       | 243,376,000   | 211,076,000      | 29.7                               | 15.3             |
| Value added by manufacture (value of products less cost of materials)..... | 116,620,000       | 93,352,000    | 81,722,000       | 24.9                               | 14.2             |

<sup>1</sup> A minus sign (-) denotes decrease.

<sup>2</sup> Figures not available.

<sup>3</sup> Less than one-tenth of 1 per cent.

In 1909 the state of Maryland had 4,837 manufacturing establishments, which gave employment to an average of 125,489 persons during the year and paid out \$59,053,000 in salaries and wages. Of the persons employed, 107,921 were wage earners. These establishments turned out products to the value of \$315,669,000, to produce which materials costing \$199,049,000 were consumed. The

value added by manufacture was thus \$116,620,000, which figure, as explained in the Introduction, best represents the net wealth created by manufacturing operations during the year.

The totals presented in the above statement do not include the statistics for an establishment operated by the Federal Government, the United States Naval Smokeless Powder Factory, located at Indian Head.

In 1909 this plant employed an average of 331 wage earners and turned out products valued at \$581,763.

In general, this table also brings out the fact that the manufacturing industries of Maryland as a whole showed a greater development during the more recent five-year period, 1904-1909, than for the preceding five-year period, 1899-1904. During the past five years the number of establishments increased 25.6 per cent, and the average number of wage earners 14.6 per cent, while the value of products increased 29.7 per cent, and the value added by manufacture 24.9 per cent. As pointed out in the Introduction, it would be improper to infer that manufactures increased in volume to the full extent indicated by these figures regarding values, since the increase shown is certainly due, in part, to the increase that has taken place in the

prices of commodities. Furthermore, the great fire in Baltimore, which occurred early in the census year of 1904, so curtailed the production of manufactures at that census as somewhat to affect the returns for the entire state.

It is a matter of interest to note that the percentages of increase shown for wages, value of products, and value added by manufacture are considerably larger than that for average number of wage earners. The only decrease shown in the table is that of less than 1 per cent in the number of establishments during the period 1899-1904.

The relative importance and growth of the leading manufacturing industries of the state are shown in the following table:

| INDUSTRY.   | Number of establishments. | WAGE EARNERS.   |                       | VALUE OF PRODUCTS. |                       | VALUE ADDED BY MANUFACTURE. |                       | PER CENT OF INCREASE. <sup>1</sup> |           |                             |           |
|---|---------------------------|-----------------|-----------------------|--------------------|-----------------------|-----------------------------|-----------------------|------------------------------------|-----------|-----------------------------|-----------|
|   |                           | Average number. | Percent distribution. | Amount.            | Percent distribution. | Amount.                     | Percent distribution. | Value of products.                 |           | Value added by manufacture. |           |
|   |                           |                 |                       |                    |                       |                             |                       | 1904-1909                          | 1899-1904 | 1904-1909                   | 1899-1904 |
| All industries.....   | 4,837                     | 107,921         | 100.0                 | \$315,669,000      | 100.0                 | \$116,620,000               | 100.0                 | 29.7                               | 15.3      | 24.9                        | 14.3      |
| Clothing, men's, including shirts.....  | 350                       | 19,784          | 18.3                  | 30,921,000         | 11.7                  | 15,955,000                  | 13.7                  | 43.0                               | 20.4      | 48.6                        | 26.3      |
| Copper, tin, and sheet-iron products.....                                       | 81                        | 5,275           | 4.9                   | 16,909,000         | 5.4                   | 6,101,000                   | 5.2                   | 82.5                               | 32.3      | 92.6                        | 41.2      |
| Canning and preserving.....   | 468                       | 8,613           | 8.0                   | 13,709,000         | 4.3                   | 3,610,000                   | 3.1                   | 6.0                                | -11.0     | -3.8                        | -3.7      |
| Slaughtering and meat packing.....  | 64                        | 1,034           | 1.0                   | 13,683,000         | 4.3                   | 2,180,000                   | 1.9                   | 90.8                               | 7.2       | 127.1                       | 45.2      |
| Lumber and timber products.....   | 561                       | 7,003           | 6.5                   | 12,134,000         | 3.8                   | 5,627,000                   | 4.8                   | 35.8                               | 13.9      | 39.6                        | 15.2      |
| Foundry and machine-shop products.....  | 157                       | 4,708           | 4.4                   | 11,978,000         | 3.8                   | 6,022,000                   | 5.2                   |                                    |           |                             |           |
| Tobacco manufactures.....   | 263                       | 3,476           | 3.2                   | 10,559,000         | 3.3                   | 4,893,000                   | 4.2                   |                                    |           |                             |           |
| Fertilizers.....  | 41                        | 1,459           | 1.3                   | 9,673,000          | 3.1                   | 2,710,000                   | 2.3                   | 45.9                               | 21.0      | 65.2                        | -10.8     |
| Flour-mill and gristmill products.....  | 295                       | 506             | 0.5                   | 9,263,000          | 2.9                   | 1,265,000                   | 1.1                   | 26.6                               | 1.1       | 14.2                        | -2.4      |
| Cars and general shop construction and repairs by steam-railroad companies..... | 21                        | 5,549           | 5.1                   | 9,059,000          | 2.9                   | 3,866,000                   | 3.3                   | 57.5                               | 25.8      | 23.0                        | 56.6      |
| Printing and publishing.....  | 371                       | 3,386           | 3.1                   | 8,360,000          | 2.6                   | 5,896,000                   | 5.1                   | 32.3                               | 13.1      | 28.6                        | 16.1      |
| Bread and other bakery products.....  | 516                       | 1,952           | 1.8                   | 6,868,000          | 2.2                   | 2,505,000                   | 2.1                   | 33.1                               | 23.8      | 19.7                        | 22.7      |
| Liquors, malt.....  | 20                        | 1,909           | 0.8                   | 5,690,000          | 1.8                   | 4,121,000                   | 3.5                   | 14.6                               | 20.1      | 13.4                        | 15.6      |
| Patent medicines and compounds and druggists' preparations.....                 | 83                        | 1,193           | 1.1                   | 5,548,000          | 1.8                   | 3,381,000                   | 2.9                   | 14.7                               | 49.1      | 12.7                        | 56.5      |
| Cotton goods, including cotton small wares.....                                 | 16                        | 3,966           | 3.7                   | 5,522,000          | 1.7                   | 1,510,000                   | 1.3                   | 5.3                                | -3.3      | 10.1                        | -42.4     |
| Liquors, distilled.....   | 25                        | 276             | 0.3                   | 5,362,000          | 1.7                   | 4,213,000                   | 3.6                   | 108.9                              | 58.8      | 290.7                       | 45.8      |
| Confectionery.....  | 54                        | 1,873           | 1.5                   | 5,082,000          | 1.6                   | 1,920,000                   | 1.6                   | 94.1                               | 34.9      | 74.4                        | 40.4      |
| Paper and wood pulp.....  | 13                        | 1,249           | 1.2                   | 4,894,000          | 1.6                   | 1,616,000                   | 1.4                   | 48.5                               | 27.3      | 91.7                        | -1.8      |
| Clothing, women's.....  | 72                        | 2,641           | 2.4                   | 4,651,000          | 1.4                   | 2,066,000                   | 1.8                   | 36.2                               | 19.0      | 33.1                        | 14.0      |
| Shipbuilding, including boat building.....                                      | 46                        | 1,793           | 1.7                   | 3,595,000          | 1.1                   | 1,680,000                   | 1.4                   | -22.2                              | 10.3      | -38.8                       | 18.3      |
| Furniture and refrigerators.....  | 48                        | 1,856           | 1.7                   | 3,350,000          | 1.1                   | 1,749,000                   | 1.5                   | -2.8                               | 15.8      | -4.0                        | 3.2       |
| Hats, straw.....  | 7                         | 1,694           | 1.6                   | 3,347,000          | 1.1                   | 1,504,000                   | 1.3                   | 64.4                               |           | 53.8                        |           |
| Gas, illuminating and heating.....  | 18                        | 476             | 0.4                   | 3,223,000          | 1.0                   | 2,594,000                   | 2.2                   | 61.0                               | 11.0      | 63.9                        | 18.7      |
| Leather, tanned, curried, and finished.....                                     | 13                        | 1,466           | 0.4                   | 2,601,000          | 0.8                   | 647,000                     | 0.5                   | 39.2                               | 0.0       | 27.8                        | 24.8      |
| Marble and stone work.....  | 89                        | 1,455           | 1.3                   | 2,407,000          | 0.8                   | 1,470,000                   | 1.3                   | 8.2                                | 55.6      | 7.4                         | 50.1      |
| Umbrellas and canes.....  | 9                         | 514             | 0.5                   | 1,650,000          | 0.5                   | 574,000                     | 0.5                   | 20.8                               | 15.8      | 21.9                        | 34.6      |
| Musical instruments, pianos and organs and materials.....                       | 7                         | 757             | 0.7                   | 1,466,000          | 0.5                   | 900,000                     | 0.8                   | 5.5                                | 47.5      | -21.4                       | 112.8     |
| Boots and shoes, including cut stock and findings.....                          | 14                        | 594             | 0.6                   | 1,431,000          | 0.5                   | 519,000                     | 0.4                   | 37.0                               | -17.5     | 5.1                         | 9.4       |
| Carriages and wagons and materials.....   | 126                       | 757             | 0.7                   | 1,390,000          | 0.4                   | 789,000                     | 0.7                   | -10.4                              | 49.8      | 0.3                         | -29.9     |
| Belting and hose, woven and rubber.....   | 4                         | 279             | 0.3                   | 1,318,000          | 0.4                   | 323,000                     | 0.3                   | 72.3                               |           | 17.5                        |           |
| Chemicals.....  | 3                         | 285             | 0.3                   | 1,313,000          | 0.4                   | 629,000                     | 0.5                   | 21.3                               | -14.0     | 27.6                        | 0.8       |
| Hosiery and knit goods.....   | 11                        | 1,022           | 0.9                   | 1,172,000          | 0.4                   | 475,000                     | 0.4                   | 23.1                               | 85.2      | 12.8                        | 152.1     |
| Leather goods.....  | 43                        | 326             | 0.3                   | 1,043,000          | 0.3                   | 430,000                     | 0.4                   | 3.1                                | 0.8       | -14.0                       | 23.4      |
| Glass.....  | 7                         | 1,052           | 1.0                   | 1,038,000          | 0.3                   | 801,000                     | 0.7                   | 75.9                               | 5.7       | 85.8                        | 6.2       |
| Ice, manufactured.....  | 42                        | 355             | 0.3                   | 1,022,000          | 0.3                   | 722,000                     | 0.6                   | 40.0                               | 103.3     | 31.3                        | 100.0     |
| Paint and varnish.....  | 12                        | 127             | 0.1                   | 1,001,000          | 0.3                   | 301,000                     | 0.3                   | 47.0                               | 34.3      | 11.5                        | 30.4      |
| Brick and tile.....   | 40                        | 1,220           | 1.1                   | 971,000            | 0.3                   | 722,000                     | 0.6                   | -11.5                              | 30.0      | -17.0                       | 26.5      |
| Boxes, fancy and paper.....   | 17                        | 684             | 0.6                   | 853,000            | 0.3                   | 458,000                     | 0.4                   | 72.0                               | 67.6      | 60.5                        | 61.8      |
| Baking powders and yeast.....   | 7                         | 146             | 0.1                   | 840,000            | 0.3                   | 351,000                     | 0.3                   | 17.2                               | 107.8     | -19.3                       | 245.2     |
| Pottery, terra-cotta, and fire-clay products.....                               | 16                        | 720             | 0.7                   | 757,000            | 0.2                   | 551,000                     | 0.5                   | -11.2                              | 2.0       | 22.8                        | 11.7      |
| Brass and bronze products.....  | 17                        | 219             | 0.2                   | 748,000            | 0.2                   | 316,000                     | 0.3                   | 135.2                              | -11.7     | 132.4                       | -19.0     |
| Mattresses and spring beds.....   | 19                        | 198             | 0.2                   | 729,000            | 0.2                   | 260,000                     | 0.2                   | 26.1                               | 124.0     | 22.1                        | 77.5      |
| Stoves and furnaces, including gas and oil stoves.....                          | 8                         | 394             | 0.4                   | 676,000            | 0.2                   | 471,000                     | 0.4                   | 4.0                                |           | 4.9                         |           |
| Butter, cheese, and condensed milk.....   | 44                        | 69              | 0.1                   | 654,000            | 0.2                   | 130,000                     | 0.1                   | 26.0                               | -25.2     | 8.3                         | -11.8     |
| Cooperage and wooden goods, not elsewhere specified.....                        | 40                        | 323             | 0.3                   | 617,000            | 0.2                   | 259,000                     | 0.2                   | -19.3                              | 19.7      | -23.4                       | 19.9      |
| Silk and silk goods, including throwsters.....                                  | 4                         | 655             | 0.6                   | 512,000            | 0.2                   | 275,000                     | 0.2                   | 87.5                               |           | 169.6                       |           |
| Baskets, and rattan and willow ware.....  | 25                        | 526             | 0.5                   | 471,000            | 0.2                   | 244,000                     | 0.2                   | 279.8                              | -14.5     | 243.7                       |           |
| Time.....   | 43                        | 397             | 0.4                   | 420,000            | 0.1                   | 285,000                     | 0.2                   | 5.5                                |           | -1.4                        |           |
| Millinery and lace goods.....   | 14                        | 243             | 0.2                   | 389,000            | 0.1                   | 217,000                     | 0.2                   | 101.6                              | -35.2     | 193.2                       | -53.8     |
| Silverware and plated ware.....   | 10                        | 199             | 0.2                   | 355,000            | 0.1                   | 240,000                     | 0.2                   | 15.3                               | 13.2      | 21.2                        | 19.3      |
| Jewelry.....  | 15                        | 90              | 0.1                   | 257,000            | 0.1                   | 125,000                     | 0.1                   | 36.7                               | -11.3     | 13.6                        | 5.8       |
| Hats and caps, other than felt, straw, and wool.....                            | 17                        | 122             | 0.1                   | 208,000            | 0.1                   | 118,000                     | 0.1                   | -2.3                               |           | 2.6                         |           |
| Boxes, cigar.....   | 9                         | 167             | 0.2                   | 194,000            | 0.1                   | 84,000                      | 0.1                   | 44.8                               | 24.1      | 27.3                        | 29.4      |
| All other industries.....   | 523                       | 13,103          | 12.1                  | 78,121,000         | 24.7                  | 15,966,000                  | 13.7                  |                                    |           |                             |           |

<sup>1</sup> Percentages are based on figures in Table I; a minus sign (-) denotes decrease. Where the percentages are omitted, comparable figures can not be given.



It should be borne in mind, in considering this table, that the value of products in some of the industries involves a certain amount of duplication due to the use of the product of one establishment in the industry as the material for another establishment.

In addition to the industries presented separately, there are 11 important industries each of which had a value of product in 1909 in excess of \$1,000,000. They are included in the group of "All other industries" in the table, because in some cases the operations of individual establishments would be disclosed if they were shown separately; in others, the returns do not properly present the true condition of the industry, for the reason that it is more or less interwoven with one or more industries of similar character; while for others the comparable statistics for the different census years can not be presented on account of change in classification. Of the industries which are not presented separately, those which are of special importance are the smelting and refining of copper, and steel works and rolling mills. The other industries not shown separately are as follows: Bags, other than paper; brushes; coffee and spice, roasting and grinding; coke; drug grinding; food preparations; blast furnaces; petroleum refining; and upholstering materials. The 1909 statistics, however, for the manufacture of brushes are presented in Table II.

It will be seen from Table II that there is considerable diversity in the manufacturing activities of the state. The most important industries listed in the preceding table, in which they are arranged in the order of the value of products, call for brief consideration.

*Clothing.*—The manufacture of clothing is by far the most important industry of the state. The two branches, men's clothing and women's clothing, combined gave employment in 1909 to an average of 22,425 wage earners and turned out products valued at \$41,272,000. These figures represent 20.8 per cent and 13.1 per cent, respectively, of the totals for the state. In 1904 and in 1909 Maryland ranked fourth among the states in the production of men's clothing and ninth and eighth, respectively, in women's clothing.

*Copper, tin, and sheet-iron products.*—The establishments which manufacture tinware, stamped and enameled ware, as well as those which produce copper and sheet-iron products, are included under this classification. The large increase in value of products of 82.5 per cent in 1909 over 1904 was due mostly to the increased production of stamped and enameled ware.

*Canning and preserving.*—This classification covers the canning and preserving of fruits, vegetables, fish, and oysters, and the manufacture of pickles, preserves, and sauces. Soon after 1850, when the industry first attained commercial recognition, Maryland

became its chief center. In 1904 when canning and preserving had become one of the leading industries of the country, Maryland ranked third among the states. The chief characteristic of the industry is its extremely seasonal character. Considering the short season during which it is active, the value of its products compared with other industries is very large.

*Slaughtering and meat packing.*—This classification covers wholesale establishments which slaughter, prepare, or pack meats or manufacture sausage. Since 1849, when six establishments, with a capital of \$170,000 and products valued at \$452,000, were reported, it has increased steadily in importance. In 1904 the value of products was \$6,848,000, whereas in 1909 it was \$13,683,000, an increase of \$6,835,000, or 99.8 per cent during the five-year period.

*Lumber and timber products.*—This industry, which has more establishments than any other in the state, consists of logging plants, which produce logs and bolts as a final product; mills which manufacture rough lumber, shingles, cooperage materials, or carry the manufacture further, producing finished lumber, sash, doors, blinds, interior finish, etc.; and also those which manufacture wooden packing boxes. The gross value of products increased from \$7,847,000 in 1899 to \$12,134,000 in 1909, or 54.6 per cent for the decade.

*Foundry and machine-shop products.*—A great diversity of products is covered under this heading, embracing articles which in 1904 would have been reported under the following classifications: Bells; foundry and machine-shop products; gas machines and gas and water meters; hardware; plumbers' supplies; and structural ironwork. The industry was really of greater importance in the state than is indicated by the statistics, as some machine shops manufactured a distinctive product and were assigned to other classifications. A number of the most important establishments were engaged in the manufacture of machinery for canning and packing, for flour mills and gristmills, and for gas works.

*Tobacco manufactures.*—The statistics included in this industry for censuses prior to 1909 were shown under two headings: Tobacco, chewing and smoking, and snuff; and tobacco, cigars and cigarettes. At the census of 1904 the five establishments that were engaged in the first-mentioned branch of the industry could not be shown separately without disclosing individual operations; therefore the statistics of the combined industry for that year are not presented in Table I. There was but little growth of the industry as a whole for the 10-year period 1899–1909.

*Fertilizers.*—About 1832 the demand for a commercial fertilizer arose in Maryland on account of the increase in tobacco culture and various other forms of agriculture which gave the industry in the state its first real impetus. Bone was first crushed for fer-

tilizer, but subsequently crushed bone was mixed with phosphate rock from South Carolina, guano from the West Indies, and kainit from Germany. As early as 1869 there were 15 establishments engaged in this class of manufacture which reported an output valued at \$632,352. During the following decade the industry was remarkably developed. In 1879 Maryland was the leading state in the Union in the manufacture of fertilizers, with 48 establishments and products valued at \$5,770,198. It retained this position until 1904, since when it has ranked second.

*Flour-mill and gristmill products.*—As a rule, the mills are small and are located in the rural districts. Owing to the comparatively simple processes involved and the extent to which these processes are carried on by machinery, the value added by manufacture is not commensurate with the gross value of products or the number of establishments. This industry shows substantial gains from 1904 to 1909, with the exception of a slight decrease in the average number of wage earners employed.

*Cars and general shop construction and repairs by steam-railroad companies.*—This industry is peculiar among the manufacturing industries of the country. It represents the work done in the car shops of steam-railroad companies, and practically is confined to repairs to the rolling stock and equipment of their own roads, although to a limited extent there may be some new construction of rolling stock. The statistics are exclusive of minor repairs in roundhouses. There were 21 repair shops reported in both 1909 and 1904, and 19 in 1899; the value of products, which is equivalent to the cost of repairs and construction work, increased from \$4,573,000 in 1899 to \$9,059,000 in 1909, or 98.1 per cent. The industry gave employment to 5,549 wage earners in 1909.

Measured by value added by manufacture, only 11 of the 53 industries presented in the preceding table held the same rank as when measured by value of products. Interesting variations in this respect are shown for some of the industries. Canning and preserving drops from third place in value of products to tenth in value added by manufacture, while foundry and machine-shop products rises from sixth place in value of products to third in value added by manufacture. Still greater variations are shown for slaughtering and meat packing and distilled liquors.

This table shows also the percentages of increase for these leading industries in respect to value of products and value added by manufacture where the figures are comparable. Exceptionally large increases are shown for several of the industries from 1904 to 1909. Of the first 40 industries the largest gains are shown for distilled liquors, but these increases are due largely to the difference in method of reporting products in 1909 and 1904. In 1909 the internal-revenue tax on all liquors manufactured was reported, whether

sold or not, whereas in 1904 this tax was usually reported only on liquors sold. The slaughtering and meat-packing industry also showed remarkable increases in value of products and in value added by manufacture. From 1904 to 1909, of the same 40 industries, shipbuilding, furniture, carriages and wagons, brick and tile, and pottery each showed a loss in value of products, and the canning, shipbuilding, furniture, musical instruments, leather goods, brick and tile, and baking-powder industries each showed a loss in value added by manufacture.

*Persons engaged in manufacturing industries.*—The following table shows for 1909 the distribution of the number of persons engaged in manufactures, the average number of wage earners being distributed by sex and age. It should be borne in mind, however, that the sex and age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the Introduction.

| CLASS.                                  | PERSONS ENGAGED IN MANUFACTURES. |        |         |
|---|----------------------------------|--------|---------|
|   | Total.                           | Male.  | Female. |
| All classes .....                       | 125,489                          | 91,239 | 34,250  |
| Proprietors and officials .....         | 8,574                            | 8,321  | 253     |
| Proprietors and firm members .....      | 5,376                            | 5,220  | 156     |
| Salaried officers of corporations ..... | 1,317                            | 1,294  | 23      |
| Superintendents and managers .....      | 1,881                            | 1,807  | 74      |
| Clerks .....                            | 8,094                            | 7,345  | 1,049   |
| Wage earners (average number) .....     | 107,921                          | 75,573 | 32,348  |
| 16 years of age and over .....          | 101,373                          | 72,416 | 28,957  |
| Under 16 years of age .....             | 6,548                            | 3,157  | 3,391   |

The average number of persons engaged in manufactures during 1909 was 125,489, of whom 107,921 were wage earners. The remainder were about equally divided between proprietors and officials and clerks. Corresponding figures for individual industries will be found in Table II.

The next table shows, for 1909, the percentage of proprietors and officials, clerks, and wage earners, respectively, among the total number of persons employed in manufactures. It covers all industries combined and 19 important industries individually.

Of the persons engaged in all manufacturing industries, 6.8 per cent were proprietors and officials, 7.2 per cent clerks, and 86 per cent wage earners. In such industries as bakeries and flour mills and gristmills a majority of the establishments are small and the work is to a large extent done by the proprietors or their immediate representatives; the proportion of proprietors and officials is, therefore, much greater than for other industries or for all industries combined. The greatest proportion of wage earners is reported for the cotton industry and the least for flour mills and gristmills. The largest proportion of clerks, which includes all classes of salaried employees except

officers of corporations and superintendents and managers, is employed in the manufacture of patent medicines.

| INDUSTRY.   | PERSONS ENGAGED IN MANUFACTURES. |                            |         |                                |
|---|----------------------------------|----------------------------|---------|--------------------------------|
|   | Total number.                    | Per cent of total.         |         |                                |
|   |                                  | Proprietors and officials. | Clerks. | Wage earners (average number). |
| All industries.....   | 125,489                          | 6.8                        | 7.2     | 86.0                           |
| Bread and other bakery products.....  | 2,820                            | 20.4                       | 10.0    | 69.6                           |
| Canning and preserving.....   | 9,755                            | 8.8                        | 2.9     | 88.3                           |
| Cars and general shop construction and repairs by steam-railroad companies..... | 5,928                            | 2.1                        | 4.3     | 93.6                           |
| Clothing, men's, including shirts.....  | 21,946                           | 3.4                        | 6.5     | 90.1                           |
| Clothing, women's.....  | 3,030                            | 5.2                        | 7.7     | 87.2                           |
| Confectionery.....  | 1,888                            | 4.6                        | 12.1    | 83.3                           |
| Copper, tin, and sheet-iron products.....                                       | 5,980                            | 3.9                        | 7.9     | 88.2                           |
| Cotton goods, including cotton small wares.....                                 | 4,077                            | 1.0                        | 1.7     | 97.3                           |
| Fertilizers.....  | 1,750                            | 7.4                        | 10.3    | 82.2                           |
| Flour-mill and gristmill products.....  | 935                              | 40.4                       | 5.5     | 54.1                           |
| Foundry and machine-shop products.....  | 5,520                            | 6.5                        | 6.6     | 86.9                           |
| Liquors, distilled.....   | 387                              | 13.2                       | 15.5    | 71.3                           |
| Liquors, malt.....  | 1,095                            | 5.7                        | 11.3    | 83.0                           |
| Lumber and timber products.....   | 8,165                            | 11.5                       | 2.7     | 85.8                           |
| Paper and wood pulp.....  | 1,349                            | 3.4                        | 4.0     | 92.6                           |
| Patent medicines and compounds and druggists' preparations.....                 | 1,846                            | 9.8                        | 25.6    | 64.6                           |
| Printing and publishing.....  | 4,942                            | 12.0                       | 19.5    | 68.5                           |
| Slaughtering and meat packing.....  | 1,324                            | 7.6                        | 14.3    | 78.1                           |
| Tobacco manufactures.....   | 4,098                            | 8.6                        | 6.6     | 84.8                           |
| All other industries.....   | 38,656                           | 6.6                        | 7.3     | 86.1                           |

The following table shows, for 1909, in percentages, for all industries combined, the distribution of the average number of wage earners by age periods and sex, calculated in the manner described in the Introduction. It also shows for some of the important industries separately the per cent distribution by age periods and sex of wage earners as reported for December 15, or the nearest representative day. As a means of judging the importance of the several industries, the average total number employed for the year is also given in each case.

| INDUSTRY.   | Average number. <sup>1</sup> | WAGE EARNERS.             |      |                        |
|---|------------------------------|---------------------------|------|------------------------|
|   |                              | Per cent of total.        |      |                        |
|   |                              | 16 years of age and over. |      | Under 16 years of age. |
| Male.   | Female.                      |                           |      |                        |
| All industries.....   | 107,921                      | 67.1                      | 28.3 | 6.1                    |
| Bread and other bakery products.....  | 1,962                        | 86.7                      | 7.7  | 5.6                    |
| Canning and preserving.....   | 8,613                        | 34.6                      | 51.9 | 13.5                   |
| Cars and general shop construction and repairs by steam-railroad companies..... | 5,549                        | 99.6                      | 0.3  | 0.1                    |
| Clothing, men's, including shirts.....  | 19,784                       | 43.2                      | 51.5 | 5.4                    |
| Clothing, women's.....  | 2,641                        | 21.0                      | 76.9 | 2.0                    |
| Confectionery.....  | 1,573                        | 33.2                      | 49.2 | 17.5                   |
| Copper, tin, and sheet-iron products.....                                       | 5,275                        | 72.5                      | 16.2 | 11.3                   |
| Cotton goods, including cotton small wares.....                                 | 3,966                        | 41.6                      | 42.5 | 15.9                   |
| Fertilizers.....  | 1,439                        | 99.2                      | 0.8  | 0.0                    |
| Flour-mill and gristmill products.....  | 506                          | 99.0                      | 0.2  | 0.8                    |
| Foundry and machine-shop products.....  | 4,798                        | 97.4                      | 1.8  | 0.8                    |
| Liquors, distilled.....   | 276                          | 94.6                      | 5.1  | 0.4                    |
| Liquors, malt.....  | 909                          | 98.5                      | 0.7  | 0.9                    |
| Lumber and timber products.....   | 7,003                        | 91.3                      | 3.8  | 4.9                    |
| Paper and wood pulp.....  | 1,240                        | 87.5                      | 12.3 | 0.2                    |
| Patent medicines and compounds and druggists' preparations.....                 | 1,193                        | 35.2                      | 62.7 | 2.1                    |
| Printing and publishing.....  | 3,386                        | 80.9                      | 13.3 | 5.8                    |
| Slaughtering and meat packing.....  | 1,034                        | 99.7                      | 0.1  | 0.2                    |
| Tobacco manufactures.....   | 3,476                        | 41.5                      | 51.0 | 7.5                    |
| All other industries.....   | 33,289                       | 78.8                      | 15.9 | 5.3                    |

<sup>1</sup> For method of estimating the distribution, by sex and age periods, of the average number of all industries combined, see Introduction.

For all industries combined, 67.1 per cent of the average number of wage earners were males 16 years of age and over; 26.8 per cent were females 16 years of age and over; and 6.1 per cent were persons under the age of 16. More women are employed in making men's clothing than in any other industry. The average number of wage earners in that industry consisted of 8,539 males and 10,183 females 16 years of age and over, and 1,062 persons of both sexes under that age. The largest number of children was in the canning and preserving industry, where the average number of wage earners included 2,981 males and 4,467 females 16 years of age and over, and 1,165 persons of both sexes under that age. Of the total of 28,957 female wage earners 16 years of age and over in all industries combined, 14,650, or 50.6 per cent, were employed in these two industries. The same two industries combined gave employment to 2,227 children under 16 years of age, or 34 per cent of the total.

In order to compare the distribution of persons engaged in manufactures in 1909 with that shown at the census of 1904, it is necessary to use the classification employed at the earlier census. (See Introduction.) The following table makes this comparison according to occupational status:

| CLASS.                             | PERSONS ENGAGED IN MANUFACTURES. |                       |         |                       |                                  |
|------------------------------------|----------------------------------|-----------------------|---------|-----------------------|----------------------------------|
|                                    | 1909                             |                       | 1904    |                       | Per cent of increase, 1904-1909. |
|                                    | Number.                          | Percent distribution. | Number. | Percent distribution. |                                  |
| Total.....                         | 125,489                          | 100.0                 | 107,303 | 100.0                 | 16.9                             |
| Proprietors and firm members.....  | 5,376                            | 4.3                   | 4,505   | 4.2                   | 19.3                             |
| Salaried employees.....            | 12,192                           | 9.7                   | 8,624   | 8.0                   | 41.4                             |
| Wage earners (average number)..... | 107,921                          | 86.0                  | 94,174  | 87.8                  | 14.6                             |

Comparable figures are not obtainable for 1899. The table shows that the greatest percentage of increase was among salaried employees.

The following table shows the average number of wage earners, distributed according to age periods, and in the case of those 16 years of age and over according to sex, for 1909, 1904, and 1899. The averages for 1909 are estimated on the basis of the actual number reported for a single representative day. (See Introduction.)

| CLASS.                        | AVERAGE NUMBER OF WAGE EARNERS. |                       |         |                       |         |                       |
|-------------------------------|---------------------------------|-----------------------|---------|-----------------------|---------|-----------------------|
|                               | 1909                            |                       | 1904    |                       | 1899    |                       |
|                               | Number.                         | Percent distribution. | Number. | Percent distribution. | Number. | Percent distribution. |
| Total.....                    | 107,921                         | 100.0                 | 94,174  | 100.0                 | 84,170  | 100.0                 |
| 16 years of age and over..... | 101,373                         | 93.9                  | 83,641  | 94.1                  | 88,562  | 94.0                  |
| Male.....                     | 72,416                          | 67.1                  | 63,492  | 67.4                  | 61,654  | 65.5                  |
| Female.....                   | 28,957                          | 26.8                  | 25,149  | 26.7                  | 26,908  | 28.6                  |
| Under 16 years of age.....    | 6,548                           | 6.1                   | 5,533   | 5.9                   | 5,608   | 6.0                   |

This table indicates that for all industries combined variations from census to census in the proportions of men, women, and children employed were very small. In 1909 males 16 years of age and over formed 67.1 per cent of all wage earners, as compared with 67.4 per cent in 1904 and 65.5 per cent in 1899. Although the number of children under 16 years of age is greater for 1909 than for 1904, or for 1899, the proportion of children among wage earners has remained practically unchanged at each census.

**Wage earners employed, by months.**—The following table gives the number of wage earners employed on the 15th of each month during the year 1909, for all industries combined, for the canning and preserving industry, and for all other industries combined; it also gives the percentage which the number reported for each month is of the greatest number reported for any month. In Table II, page 644, is shown, for practically all of the important industries in the state, the largest number and also the smallest number of wage earners reported for any month. The figures are for the 15th day, or the nearest representative day, of the month.

| MONTH.         | WAGE EARNERS.   |                      |                         |                      |                       |                      |
|----------------|-----------------|----------------------|-------------------------|----------------------|-----------------------|----------------------|
|                | All industries. |                      | Canning and preserving. |                      | All other industries. |                      |
|                | Number.         | Per cent of maximum. | Number.                 | Per cent of maximum. | Number.               | Per cent of maximum. |
| January.....   | 95,070          | 71.3                 | 1,227                   | 3.9                  | 93,843                | 91.3                 |
| February.....  | 97,225          | 73.0                 | 2,013                   | 6.5                  | 95,212                | 92.6                 |
| March.....     | 99,541          | 74.7                 | 2,086                   | 6.7                  | 97,455                | 94.8                 |
| April.....     | 100,753         | 75.6                 | 2,640                   | 8.5                  | 98,113                | 95.5                 |
| May.....       | 103,000         | 77.3                 | 3,441                   | 11.1                 | 99,559                | 96.9                 |
| June.....      | 105,652         | 79.3                 | 5,884                   | 18.9                 | 99,768                | 97.1                 |
| July.....      | 105,116         | 78.9                 | 6,194                   | 19.9                 | 98,622                | 96.2                 |
| August.....    | 124,505         | 93.4                 | 25,192                  | 80.9                 | 99,313                | 96.6                 |
| September..... | 133,268         | 100.0                | 31,131                  | 100.0                | 102,137               | 99.4                 |
| October.....   | 118,475         | 88.9                 | 16,014                  | 51.4                 | 102,461               | 99.7                 |
| November.....  | 106,932         | 80.2                 | 4,799                   | 15.4                 | 102,133               | 99.4                 |
| December.....  | 105,514         | 79.2                 | 2,730                   | 8.8                  | 102,784               | 100.0                |

The single industry of canning and preserving, which is a seasonal industry, giving employment to a large number of persons in August, September, and October, affects greatly the total for all industries combined. This industry determines for all industries combined the month of the greatest employment, September, and magnifies for the total the irregularity of employment throughout the year. From 1,227 wage earners in canning and preserving in January the number employed gradually increased to

31,131 in September, when fruits and vegetables generally are maturing. The number reported for January, the month of minimum activity, is only 3.9 per cent of the number reported for September, the month of greatest activity. For all industries combined, including canning and preserving, the number reported for January is only 71.3 per cent as great as the number reported for September. The month of maximum employment for all industries combined, exclusive of canning and preserving, shifts to December, and the number reported for January, the month of minimum employment for these industries, is 91.3 per cent of the number reported for December. During the last four months of the year the number in these industries was practically unchanged.

**Prevailing hours of labor.**—In the table following wage earners have been classified according to the hours of labor prevailing in the establishments in which they are employed. In making this classification the average number of wage earners employed during the year is used, and the number employed in each establishment is classified as a total, according to the hours prevailing in that establishment, even though some few employees work a greater or less number of hours.

Almost three-fourths of the total number of wage earners employed in the manufacturing industries of Maryland were in establishments where the prevailing hours of labor per week range from 54 to 60, or from 9 to 10 a day, and of these over one-half were employed 60 hours per week. Only 18 per cent of all wage earners were employed in establishments working less than 54 hours a week, and only 8.4 per cent were employed in establishments working more than 60 hours a week.

It will be noted that the canning and preserving industry is mainly on a 10-hour-per-day basis (60 hours per week). Relatively long hours are usual in a seasonal industry where the operations for the entire year are confined largely to a few weeks. The manufacture of brick and tile, of copper, tin, and sheet-iron products, and the fertilizer, furniture, hosiery and knit goods, lumber, and slaughtering industries are similarly on a 60-hour-a-week basis, while cotton goods and silk goods are wholly on a 10-hour-per-day basis. In the manufacture of men's clothing, which gives employment to the greatest number of wage earners, about equal numbers are employed between 48 and 54, 54, between 54 and 60, and 60 hours.

STATISTICS OF MANUFACTURES.

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| INDUSTRY.   | AVERAGE NUMBER OF WAGE EARNERS IN ESTABLISHMENTS GROUPED ACCORDING TO PREVAILING HOURS OF WORK PER WEEK. |               |                    |        |                    |        |                    |       |          |
|---|--|---------------|--------------------|--------|--------------------|--------|--------------------|-------|----------|
|   | Total.   | 48 and under. | Between 48 and 54. | 54.    | Between 54 and 60. | 60.    | Between 60 and 72. | 72.   | Over 72. |
| All industries.....   | 107,921  | 6,186         | 13,229             | 16,274 | 21,601             | 41,574 | 6,103              | 1,974 | 1,000    |
| Baking powders and yeast.....   | 146  | 93            |                    |        |                    | 53     |                    |       |          |
| Baskets, and rattan and willow ware.....  | 526  | 12            | 9                  | 3      | 430                | 66     | 6                  |       |          |
| Belting and hose, woven and rubber.....   | 279  |               |                    |        | 9                  | 270    |                    |       |          |
| Boots and shoes, including cut stock and findings.....                          | 594  | 1             | 67                 | 4      | 120                | 402    |                    |       |          |
| Boxes, cigar.....   | 167  |               |                    | 29     | 2                  | 136    |                    |       |          |
| Boxes, fancy and paper.....   | 684  |               | 49                 | 218    | 233                | 179    |                    |       |          |
| Brass and bronze products.....  | 219  | 26            | 46                 | 25     | 25                 | 97     |                    |       |          |
| Bread and other bakery products.....  | 1,962  | 73            | 315                | 161    | 273                | 836    | 148                | 140   | 16       |
| Brick and tile.....   | 1,226  | 89            |                    | 26     | 91                 | 1,020  |                    |       |          |
| Butter, cheese, and condensed milk.....   | 69   | 17            |                    | 1      | 1                  | 28     | 20                 | 2     |          |
| Canning and preserving.....   | 8,613  | 223           | 317                | 90     | 126                | 6,192  | 616                | 1,000 | 49       |
| Carriages and wagons and materials.....   | 757  | 3             | 54                 | 276    | 87                 | 337    |                    |       |          |
| Cars and general shop construction and repairs by steam-railroad companies..... | 5,549  | 21            |                    |        | 3,163              | 1,596  | 769                |       |          |
| Chemicals.....  | 285  |               |                    |        |                    | 131    |                    |       | 154      |
| Clothing, men's, including shirts.....  | 19,784   | 368           | 4,965              | 4,776  | 5,340              | 4,324  | 10                 | 1     |          |
| Clothing, women's.....  | 2,641  | 311           | 383                | 742    | 782                | 423    |                    |       |          |
| Confectionery.....  | 1,573  | 111           | 9                  | 288    | 467                | 637    |                    | 61    |          |
| Cooperage and wooden goods, not elsewhere specified.....                        | 323  | 74            | 20                 | 93     | 82                 | 53     |                    | 1     |          |
| Copper, tin, and sheet-iron products.....                                       | 5,275  | 237           | 23                 | 265    | 641                | 4,109  |                    |       |          |
| Cotton goods, including cotton small wares.....                                 | 3,966  |               |                    |        |                    | 3,966  |                    |       |          |
| Fertilizers.....  | 1,439  |               | 3                  | 30     |                    | 1,030  | 376                |       |          |
| Flour-mill and gristmill products.....  | 506  | 16            | 1                  | 1      | 16                 | 229    | 57                 | 184   | 2        |
| Foundry and machine-shop products.....  | 4,798  | 174           | 1,567              | 1,747  | 424                | 836    |                    |       |          |
| Furniture and refrigerators.....  | 1,856  | 131           | 79                 | 258    | 345                | 993    |                    |       |          |
| Gas, illuminating and heating.....  | 476  | 1             |                    |        | 6                  | 16     | 8                  | 4     | 441      |
| Glass.....  | 1,052  | 181           | 482                | 389    |                    |        |                    |       |          |
| Hats and caps, other than felt, straw, and wool.....                            | 122  | 25            | 72                 | 2      | 12                 | 11     |                    |       |          |
| Hats, straw.....  | 1,694  |               |                    |        | 1,251              | 397    |                    |       |          |
| Hosiery and knit goods.....   | 1,022  |               |                    | 1      | 41                 | 980    |                    |       |          |
| Ice, manufactured.....  | 355  |               |                    | 2      |                    | 52     | 20                 | 40    | 241      |
| Jewelry.....  | 90   | 18            | 2                  | 7      | 52                 | 10     |                    |       |          |
| Leather goods.....  | 326  | 2             | 4                  | 149    | 65                 | 106    |                    |       |          |
| Leather, tanned, curried, and finished.....                                     | 466  | 50            |                    | 169    | 14                 | 233    |                    |       |          |
| Lime.....   | 397  |               |                    | 25     | 14                 | 357    |                    | 1     |          |
| Liquors, distilled.....   | 276  | 83            |                    | 34     | 11                 | 68     | 42                 | 38    |          |
| Liquors, malt.....  | 909  | 316           | 185                | 384    |                    | 24     |                    |       |          |
| Lumber and timber products.....   | 7,003  | 349           | 404                | 847    | 1,341              | 4,044  | 13                 | 5     |          |
| Marble and stone work.....  | 1,455  | 263           | 146                | 598    | 267                | 181    |                    |       |          |
| Mattresses and spring beds.....   | 198  | 21            |                    | 35     | 10                 | 132    |                    |       |          |
| Millinery and lace goods.....   | 243  | 35            | 28                 | 89     | 64                 | 27     |                    |       |          |
| Musical instruments, pianos and organs and materials.....                       | 757  | 2             |                    | 400    | 208                | 147    |                    |       |          |
| Paint and varnish.....  | 127  | 3             | 10                 | 10     | 71                 | 33     |                    |       |          |
| Paper and wood pulp.....  | 1,240  |               |                    |        |                    | 83     | 1,103              | 63    |          |
| Patent medicines and compounds and druggists' preparations.....                 | 1,198  | 211           | 732                | 39     | 119                | 92     |                    |       |          |
| Pottery, terra-cotta, and fire-clay products.....                               | 720  | 337           |                    | 101    | 20                 | 262    |                    |       |          |
| Printing and publishing.....  | 3,386  | 1,170         | 1,082              | 679    | 240                | 215    |                    |       |          |
| Shipbuilding, including boat building.....                                      | 1,793  | 74            | 32                 | 464    | 1,056              | 167    |                    |       |          |
| Silk and silk goods, including throwsters.....                                  | 655  |               |                    |        |                    | 655    |                    |       |          |
| Silverware and plated ware.....   | 199  |               |                    | 199    |                    |        |                    |       |          |
| Slaughtering and meat packing.....  | 1,034  | 22            | 4                  | 21     | 7                  | 973    | 1                  | 6     |          |
| Stoves and furnaces, including gas and oil stoves.....                          | 394  |               |                    | 222    |                    | 172    |                    |       |          |
| Tobacco manufactures.....   | 3,476  | 359           | 1,219              | 177    | 1,554              | 167    |                    |       |          |
| Umbrellas and canes.....  | 514  | 29            | 5                  | 1      | 303                | 176    |                    |       |          |
| All other industries.....   | 13,103   | 585           | 915                | 2,151  | 2,212              | 3,932  | 2,783              | 428   | 97       |

Location of establishments.—The next table shows the extent to which the manufactures of Maryland are centralized in cities of 10,000 population and over. The statistics for 1904 are omitted from this table, because there was no census of population for that year, and it was impossible to determine the cities that came within the group having over 10,000 inhabitants.

In 1900 Baltimore, Cumberland, and Hagerstown were the only cities with a population of 10,000 or over, but the increase in population brought the city of Frederick into this classification in 1909.

In 1909, 62.6 per cent of the total value of manufactured products was reported from cities having over 10,000 inhabitants, and 70.5 per cent of the average number of wage earners were employed in such cities. The figures indicate that, while the population of the cities has increased more rapidly than that for the outside territory, nevertheless the manufactures of the outside districts have grown more rapidly than in the cities during the last 10 years. The fact that Frederick was a part of the outside territory in 1899 and one of the cities in 1909 makes these gains more conspicuous

| ITEM.                           | Year.        | Total.                         | LOCATION OF ESTABLISHMENTS.                   |                               | PER CENT OF TOTAL.                            |                    |
|---------------------------------|--------------|--------------------------------|---|-------------------------------|---|--------------------|
|                                 |              |                                | In cities with population of 10,000 and over. | Outside districts.            | In cities with population of 10,000 and over. | Outside districts. |
| Population.....                 | 1910<br>1900 | 1,295,346<br>1,188,044         | 607,242<br>539,676                            | 688,104<br>648,368            | 46.9<br>45.4                                  | 53.1<br>54.6       |
| Number of establishments.       | 1909<br>1899 | 4,837<br>3,886                 | 2,704<br>2,410                                | 2,133<br>1,476                | 55.9<br>62.0                                  | 44.1<br>38.0       |
| Average number of wage earners. | 1909<br>1899 | 107,921<br>94,170              | 76,124<br>69,720                              | 31,797<br>24,441              | 70.5<br>74.0                                  | 29.5<br>26.0       |
| Value of products.              | 1909<br>1899 | \$315,669,150<br>\$211,076,143 | \$197,619,972<br>\$139,828,392                | \$118,049,178<br>\$71,247,751 | 62.6<br>66.2                                  | 37.4<br>33.8       |
| Value added by manufacture.     | 1909<br>1899 | 116,620,245<br>81,721,731      | 84,047,316<br>61,831,896                      | 32,572,929<br>19,889,835      | 72.1<br>75.7                                  | 27.9<br>24.3       |

The population for 1910 and 1900 of the four cities which had 10,000 inhabitants or over in 1910 is given in the following statement:

| CITY.           | POPULATION. |         |
|-----------------|-------------|---------|
|                 | 1910        | 1900    |
| Baltimore.....  | 558,485     | 508,957 |
| Cumberland..... | 21,839      | 17,128  |
| Hagerstown..... | 16,507      | 13,591  |
| Frederick.....  | 10,411      | 9,296   |

The relative importance of each of the four cities having a population of 10,000 or over in 1910 is shown in the following table, in which the value of products and average number of wage earners are shown separately for 1909, 1904, and 1899:

| CITY.                        | AVERAGE NUMBER OF WAGE EARNERS. |        |        | VALUE OF PRODUCTS. |               |               |
|------------------------------|---------------------------------|--------|--------|--------------------|---------------|---------------|
|                              | 1909                            | 1904   | 1899   | 1909               | 1904          | 1899          |
| Baltimore <sup>1</sup> ..... | 71,444                          | 65,050 | 66,571 | \$186,977,710      | \$150,170,762 | \$135,107,620 |
| Cumberland.....              | 1,936                           | 2,276  | 1,043  | 4,534,077          | 4,595,023     | 2,900,267     |
| Hagerstown.....              | 1,718                           | 2,210  | 1,515  | 3,197,242          | 3,026,901     | 1,820,499     |
| Frederick.....               | 1,020                           | 1,032  | 939    | 2,910,943          | 1,937,921     | 1,438,228     |

<sup>1</sup> Figures do not agree with those published in 1904, because it was necessary to revise the totals in order to include data only for those establishments located within the corporate limits of the city.

From 1904 to 1909 the number of wage earners decreased in Cumberland and Hagerstown, although the value of products in the latter increased. The loss in Cumberland from 1904 to 1909 was due to a decrease in the production of iron and steel in that city.

This table shows how largely the manufacturing in the state is confined to the city of Baltimore. In 1909, 59.2 per cent of the total value of products reported for the state was made in this city, while 66.2 per cent of the average number of wage earners were employed there.

Ranked by value of manufactured products, it was eighth among the cities of the United States in 1899, ninth in 1904, and thirteenth in 1909. In value of products the manufactures of this city increased 24.5 per cent from 1904 to 1909, while from 1899 to 1904 a gain of only 11.1 per cent was made. The men's clothing industry in the state is practically confined to Baltimore, 98.2 per cent of the total value of that class of products being credited to that city. The manufacture of men's clothing in Baltimore, measured by value of products, is almost three times as great as any other industry in the city. This industry also led in 1904 and 1899 and shows an increase in value of products of 43.5 per cent in the later 5-year period and 74 per cent in the 10-year period. Other industries named in order of their importance, as measured by value of products, are: Copper, tin, and sheet-iron products; tobacco manufactures; slaughtering and meat packing; foundry and machine-shop products; printing and publishing; and steam-railroad repair shops. Each of these industries had an output in 1909 exceeding \$7,000,000 in value.

Character of ownership.—The table that follows has for its purpose the presentation of conditions in respect to the character of ownership, or legal organization, of manufacturing enterprises. For all industries combined comparative figures are given covering the censuses of 1909 and 1904. Comparative data for 1899 are not available. Figures for 1909 only are presented for several important industries individually. In order to avoid disclosing the operations of individual concerns, it is necessary to omit several important industries from this and the table following.

For all industries combined, 18 per cent of the total number of establishments were, in 1909, under corporate ownership, as against 82 per cent under all other forms. The corresponding figures for 1904 were 16.9 per cent and 83.1 per cent, respectively. In respect to value of products the change since 1904 was more pronounced, for in 1909 the establishments operated by corporations reported 65.6 per cent of the total value as compared with 60.7 per cent in 1904.

Although establishments under individual ownership predominate in number in all of the industries shown separately in the table, the factories operated by corporations report the larger part of the value of products and of the value added by manufacture for six of the nine industries; individual concerns lead in value of products and value added by manufacture in bakeries and flour mills and gristmills, and firms lead in the men's clothing industry.



| INDUSTRY AND CHARACTER OF OWNERSHIP.           | Number of establishments. | Average number of wage earners. | Value of products. | Value added by manufacture. | INDUSTRY AND CHARACTER OF OWNERSHIP.              | Number of establishments. | Average number of wage earners. | Value of products. | Value added by manufacture. |
|--|---------------------------|---------------------------------|--------------------|-----------------------------|---|---------------------------|---------------------------------|--------------------|-----------------------------|
| <b>ALL INDUSTRIES:</b>                         |                           |                                 |                    |                             | <b>Copper, tin, and sheet-iron products, 1909</b> |                           |                                 |                    |                             |
| 1909.....                                      | 4,837                     | 107,921                         | \$315,669,150      | \$116,620,245               | Individual.....                                   | 81                        | 5,275                           | \$16,909,447       | \$6,101,298                 |
| 1904.....                                      | 3,852                     | 94,174                          | 243,375,996        | 93,351,930                  | Firm.....   | 32                        | 330                             | 902,988            | 319,540                     |
| Individual:                                    |                           |                                 |                    |                             | Corporation.....                                  | 19                        | 224                             | 732,897            | 250,658                     |
| 1909.....                                      | 2,917                     | 16,826                          | 41,522,912         | 17,034,602                  | Per cent of total.....                            | 100.0                     | 100.0                           | 100.0              | 100.0                       |
| 1904.....                                      | 2,242                     | 15,248                          | 32,833,690         | 13,970,506                  | Individual.....                                   | 39.5                      | 6.8                             | 5.3                | 5.2                         |
| Firm:  |                           |                                 |                    |                             | Firm.....   | 23.5                      | 4.2                             | 4.3                | 4.1                         |
| 1909.....                                      | 1,038                     | 31,418                          | 66,984,823         | 27,489,514                  | Corporation.....                                  | 37.0                      | 89.5                            | 90.3               | 90.7                        |
| 1904.....                                      | 953                       | 30,281                          | 62,622,809         | 27,114,711                  | <b>Flour-mill and gristmill products, 1909</b>    |                           |                                 |                    |                             |
| Corporation:                                   |                           |                                 |                    |                             | Individual.....                                   | 295                       | 506                             | \$9,267,903        | \$1,264,930                 |
| 1909.....                                      | 873                       | 59,676                          | 207,102,289        | 72,037,412                  | Firm.....   | 211                       | 252                             | 4,535,693          | 621,574                     |
| 1904.....                                      | 650                       | 48,597                          | 147,744,248        | 52,207,725                  | Firm.....   | 53                        | 87                              | 1,634,992          | 220,198                     |
| Other:   |                           |                                 |                    |                             | Corporation.....                                  | 26                        | 167                             | 3,097,248          | 423,158                     |
| 1909.....                                      | 9                         | 1                               | 59,126             | 58,717                      | Per cent of total.....                            | 100.0                     | 100.0                           | 100.0              | 100.0                       |
| 1904.....                                      | 7                         | 48                              | 175,249            | 58,988                      | Individual.....                                   | 71.5                      | 49.8                            | 48.9               | 49.1                        |
| Per cent of total:                             |                           |                                 |                    |                             | Firm.....   | 19.7                      | 17.2                            | 17.6               | 17.4                        |
| 1909.....                                      | 100.0                     | 100.0                           | 100.0              | 100.0                       | Corporation.....                                  | 8.8                       | 33.0                            | 33.4               | 33.5                        |
| 1904.....                                      | 100.0                     | 100.0                           | 100.0              | 100.0                       | <b>Foundry and machine-shop products, 1909</b>    |                           |                                 |                    |                             |
| Individual:                                    |                           |                                 |                    |                             | Individual.....                                   | 157                       | 4,798                           | \$11,977,794       | \$6,021,303                 |
| 1909.....                                      | 60.3                      | 15.6                            | 13.2               | 14.6                        | Firm.....   | 63                        | 644                             | 1,190,982          | 704,230                     |
| 1904.....                                      | 58.2                      | 16.2                            | 13.5               | 15.0                        | Firm.....   | 41                        | 563                             | 1,909,083          | 810,692                     |
| Firm:  |                           |                                 |                    |                             | Corporation.....                                  | 53                        | 3,591                           | 8,377,724          | 4,506,381                   |
| 1909.....                                      | 21.5                      | 29.1                            | 21.2               | 23.6                        | Per cent of total.....                            | 100.0                     | 100.0                           | 100.0              | 100.0                       |
| 1904.....                                      | 24.7                      | 32.2                            | 25.7               | 29.0                        | Individual.....                                   | 40.1                      | 13.4                            | 9.9                | 11.7                        |
| Corporation:                                   |                           |                                 |                    |                             | Firm.....   | 26.1                      | 11.7                            | 15.9               | 13.5                        |
| 1909.....                                      | 18.0                      | 55.3                            | 65.6               | 61.8                        | Corporation.....                                  | 33.8                      | 74.8                            | 74.1               | 74.8                        |
| 1904.....                                      | 16.9                      | 51.6                            | 60.7               | 55.9                        | <b>Lumber and timber products, 1909</b>           |                           |                                 |                    |                             |
| Other:   |                           | (1)                             | (1)                | (1)                         | Individual.....                                   | 561                       | 7,003                           | \$12,134,202       | \$5,697,203                 |
| 1909.....                                      | 0.2                       | (1)                             | (1)                | 0.1                         | Firm.....   | 331                       | 1,941                           | 2,274,567          | 1,359,607                   |
| 1904.....                                      | 0.2                       | (1)                             | (1)                | 0.1                         | Firm.....   | 166                       | 2,348                           | 4,100,651          | 1,912,536                   |
| <b>Bread and other bakery products, 1909</b>   |                           |                                 |                    |                             | Corporation.....                                  | 64                        | 2,714                           | 5,758,984          | 2,355,060                   |
| Individual.....                                | 516                       | 1,902                           | \$6,868,479        | \$2,505,380                 | Per cent of total.....                            | 100.0                     | 100.0                           | 100.0              | 100.0                       |
| Individual.....                                | 473                       | 1,069                           | 4,069,129          | 1,503,549                   | Individual.....                                   | 59.0                      | 27.7                            | 18.7               | 24.2                        |
| Firm.....                                      | 32                        | 141                             | 591,923            | 231,706                     | Firm.....   | 29.6                      | 33.5                            | 33.8               | 34.0                        |
| Corporation.....                               | 11                        | 752                             | 2,207,427          | 770,125                     | Corporation.....                                  | 11.4                      | 38.8                            | 47.5               | 41.9                        |
| Per cent of total.....                         | 100.0                     | 100.0                           | 100.0              | 100.0                       | <b>Printing and publishing, 1909</b>              |                           |                                 |                    |                             |
| Individual.....                                | 91.7                      | 54.5                            | 59.2               | 60.0                        | Individual.....                                   | 371                       | 3,386                           | \$3,359,779        | \$5,895,391                 |
| Firm.....                                      | 6.2                       | 7.2                             | 8.6                | 9.2                         | Individual.....                                   | 209                       | 824                             | 1,529,883          | 1,134,455                   |
| Corporation.....                               | 2.1                       | 38.3                            | 32.1               | 30.7                        | Firm.....   | 62                        | 728                             | 2,023,281          | 1,329,550                   |
| <b>Canning and preserving, 1909</b>            |                           |                                 |                    |                             | Corporation.....                                  | 92                        | 1,834                           | 4,748,180          | 3,372,951                   |
| Individual.....                                | 468                       | 8,613                           | \$13,709,449       | \$3,619,815                 | Other.....  | 8                         | .....                           | 58,435             | 58,435                      |
| Individual.....                                | 263                       | 2,461                           | 3,603,787          | 969,266                     | Per cent of total.....                            | 100.0                     | 100.0                           | 100.0              | 100.0                       |
| Firm.....                                      | 166                       | 3,096                           | 4,301,499          | 1,208,059                   | Individual.....                                   | 56.3                      | 24.3                            | 13.3               | 19.2                        |
| Corporation.....                               | 39                        | 3,056                           | 5,804,163          | 1,441,890                   | Firm.....   | 16.7                      | 21.5                            | 24.2               | 22.6                        |
| Per cent of total.....                         | 100.0                     | 100.0                           | 100.0              | 100.0                       | Corporation.....                                  | 24.8                      | 54.2                            | 56.8               | 57.2                        |
| Individual.....                                | 56.2                      | 28.6                            | 26.3               | 26.8                        | Other.....  | 2.2                       | .....                           | 0.7                | 1.0                         |
| Firm.....                                      | 35.5                      | 35.9                            | 31.4               | 33.4                        | <b>Slaughtering and meat packing, 1909</b>        |                           |                                 |                    |                             |
| Corporation.....                               | 8.3                       | 35.5                            | 42.3               | 39.8                        | Individual.....                                   | 54                        | 1,034                           | \$13,682,951       | \$2,180,335                 |
| <b>Clothing, men's, including shirts, 1909</b> |                           |                                 |                    |                             | Individual.....                                   | 36                        | 319                             | 4,740,752          | 935,885                     |
| Individual.....                                | 359                       | 19,784                          | \$36,921,294       | \$15,955,219                | Firm.....   | 10                        | 124                             | 1,660,429          | 205,330                     |
| Individual.....                                | 238                       | 2,850                           | 3,904,877          | 2,322,196                   | Corporation.....                                  | 8                         | 591                             | 7,261,770          | 1,039,120                   |
| Firm.....                                      | 102                       | 14,006                          | 28,970,759         | 11,803,758                  | Per cent of total.....                            | 100.0                     | 100.0                           | 100.0              | 100.0                       |
| Corporation.....                               | 19                        | 2,928                           | 4,045,658          | 1,829,265                   | Individual.....                                   | 66.7                      | 30.9                            | 34.6               | 42.9                        |
| Per cent of total.....                         | 100.0                     | 100.0                           | 100.0              | 100.0                       | Firm.....   | 18.5                      | 12.0                            | 12.1               | 9.4                         |
| Individual.....                                | 66.3                      | 14.4                            | 10.6               | 14.6                        | Corporation.....                                  | 14.8                      | 57.2                            | 53.2               | 47.7                        |
| Firm.....                                      | 28.4                      | 70.8                            | 78.5               | 74.0                        |   |                           |                                 |                    |                             |
| Corporation.....                               | 5.3                       | 14.8                            | 11.0               | 11.5                        |   |                           |                                 |                    |                             |

<sup>1</sup> Less than one-tenth of 1 per cent.

Size of establishment.—The tendency for manufacturing to become concentrated in large establishments, or the reverse, is a matter of interest from the standpoint of industrial organization. In order to throw some light upon it, the table following groups the establishments according to the value of their products. The table also shows the average size of establishments for all industries combined and for important industries separately as measured by number of wage earners, value of products, and value added by manufacture. The totals for all industries are shown for the last two censuses, while for certain important industries figures are given for 1909 only.

In 1909, of the 4,837 establishments in the state, only 41, or eight-tenths of 1 per cent, had a value of

products exceeding \$1,000,000. These establishments, however, notwithstanding their small number, had an average number of wage earners of 28,332, or 26.3 per cent of the total number in all establishments; and the importance of their operations as measured by value of product was 39.5 per cent of the total, and by value added by manufacture 29.5 per cent of the total.

On the other hand, small establishments—that is, those having a value of product of less than \$5,000—constituted a very considerable proportion (34.9 per cent) of the total number of establishments, but the value of their products amounted to only 1.3 per cent of the total. The great bulk of the manufacturing was carried on in establishments having a product

valued at not less than \$100,000. The distribution of establishments and of value of product among the several groups was not materially different in 1904.

The average value of products per establishment increased from \$63,182 in 1904 to \$65,261 in 1909, but the value added by manufacture decreased from \$24,235 to \$24,110. The average number of wage earners per establishment also decreased slightly. The table shows further that when the size of estab-

lishment is measured by the average value of products per establishment, the manufacture of bread and other bakery products and lumber and timber products, as well as the printing and publishing industry, are conducted chiefly in rather small establishments, while the slaughtering and meat-packing industry and the manufacture of copper, tin, and sheet-iron products are conducted mainly in larger establishments.

| INDUSTRY AND VALUE OF PRODUCTS.                     | Number of establishments. | Average number of wage earners. | Value of products. | Value added by manufacture. | INDUSTRY AND VALUE OF PRODUCTS.                        | Number of establishments. | Average number of wage earners. | Value of products. | Value added by manufacture. |
|---|---------------------------|---------------------------------|--------------------|-----------------------------|--|---------------------------|---------------------------------|--------------------|-----------------------------|
| <b>ALL INDUSTRIES:</b>                              |                           |                                 |                    |                             |  |                           |                                 |                    |                             |
| 1909.....   | 4,837                     | 107,921                         | \$315,669,150      | \$116,620,245               | <b>Copper, tin, and sheet-iron products, 1909.....</b> | 81                        | 5,275                           | \$16,909,447       | \$6,101,288                 |
| 1904.....   | 3,852                     | 94,174                          | 248,375,996        | 93,851,930                  | Less than \$5,000.....                                 | 17                        | 24                              | 53,333             | 30,328                      |
| Less than \$5,000:                                  |                           |                                 |                    |                             | \$5,000 and less than \$20,000.....                    | 21                        | 108                             | 228,938            | 119,167                     |
| 1909.....   | 1,689                     | 3,040                           | 4,227,777          | 2,547,434                   | \$20,000 and less than \$100,000.....                  | 19                        | 397                             | 828,010            | 308,249                     |
| 1904.....   | 1,249                     | 2,250                           | 3,165,600          | 1,800,851                   | \$100,000 and less than \$1,000,000.....               | 18                        | 1,421                           | 4,642,049          | 1,357,124                   |
| \$5,000 and less than \$20,000:                     |                           |                                 |                    |                             | \$1,000,000 and over.....                              | 6                         | 3,325                           | 11,161,217         | 4,226,320                   |
| 1909.....   | 1,767                     | 11,346                          | 17,825,972         | 8,899,931                   | Per cent of total.....                                 | 100.0                     | 100.0                           | 100.0              | 100.0                       |
| 1904.....   | 1,382                     | 9,254                           | 14,264,140         | 7,086,712                   | Less than \$5,000.....                                 | 21.0                      | 0.5                             | 0.3                | 0.5                         |
| \$20,000 and less than \$100,000:                   |                           |                                 |                    |                             | \$5,000 and less than \$20,000.....                    | 25.9                      | 2.0                             | 1.3                | 2.0                         |
| 1909.....   | 899                       | 18,344                          | 38,980,483         | 17,364,553                  | \$20,000 and less than \$100,000.....                  | 23.5                      | 7.5                             | 4.9                | 6.0                         |
| 1904.....   | 821                       | 18,627                          | 36,907,882         | 17,035,164                  | \$100,000 and less than \$1,000,000.....               | 22.2                      | 20.9                            | 27.5               | 22.2                        |
| \$100,000 and less than \$1,000,000:                |                           |                                 |                    |                             | \$1,000,000 and over.....                              | 7.4                       | 63.0                            | 68.0               | 69.3                        |
| 1909.....   | 441                       | 46,859                          | 130,048,877        | 53,355,009                  | Average per establishment.....                         |                           | 65                              | \$208,759          | \$76,325                    |
| 1904.....   | 366                       | 37,936                          | 93,431,472         | 39,708,619                  | <b>Flour-mill and gristmill products, 1909.....</b>    | 295                       | 506                             | \$9,267,903        | \$1,264,880                 |
| \$1,000,000 and over:                               |                           |                                 |                    |                             | Less than \$5,000.....                                 | 62                        | 13                              | 160,049            | 31,442                      |
| 1909.....   | 41                        | 28,332                          | 124,586,041        | 34,453,258                  | \$5,000 and less than \$20,000.....                    | 141                       | 125                             | 1,580,051          | 288,210                     |
| 1904.....   | 34                        | 26,107                          | 95,606,842         | 27,720,684                  | \$20,000 and less than \$100,000.....                  | 80                        | 204                             | 3,218,307          | 459,866                     |
| Per cent of total:                                  |                           |                                 |                    |                             | \$100,000 and less than \$1,000,000 <sup>1</sup> ..... | 12                        | 164                             | 4,302,296          | 485,412                     |
| 1909.....   | 100.0                     | 100.0                           | 100.0              | 100.0                       | Per cent of total.....                                 | 100.0                     | 100.0                           | 100.0              | 100.0                       |
| 1904.....   | 100.0                     | 100.0                           | 100.0              | 100.0                       | Less than \$5,000.....                                 | 21.0                      | 2.6                             | 1.8                | 2.5                         |
| Less than \$5,000:                                  |                           |                                 |                    |                             | \$5,000 and less than \$20,000.....                    | 47.8                      | 24.7                            | 17.1               | 22.8                        |
| 1909.....   | 34.9                      | 2.8                             | 1.3                | 2.2                         | \$20,000 and less than \$100,000.....                  | 27.1                      | 40.3                            | 34.7               | 36.4                        |
| 1904.....   | 32.4                      | 2.4                             | 1.3                | 1.9                         | \$100,000 and less than \$1,000,000 <sup>1</sup> ..... | 4.1                       | 32.4                            | 46.4               | 33.4                        |
| \$5,000 and less than \$20,000:                     |                           |                                 |                    |                             | Average per establishment.....                         |                           | 2                               | \$31,417           | \$4,288                     |
| 1909.....   | 36.5                      | 10.5                            | 5.6                | 7.6                         | <b>Foundry and machine-shop products, 1909.....</b>    | 157                       | 4,798                           | \$11,977,794       | \$6,021,803                 |
| 1904.....   | 35.9                      | 9.8                             | 5.9                | 7.6                         | Less than \$5,000.....                                 | 36                        | 66                              | 96,241             | 64,548                      |
| \$20,000 and less than \$100,000:                   |                           |                                 |                    |                             | \$5,000 and less than \$20,000.....                    | 47                        | 249                             | 470,480            | 290,541                     |
| 1909.....   | 18.6                      | 17.0                            | 12.3               | 14.9                        | \$20,000 and less than \$100,000.....                  | 51                        | 1,177                           | 2,372,899          | 1,390,876                   |
| 1904.....   | 21.3                      | 19.8                            | 15.2               | 18.2                        | \$100,000 and less than \$1,000,000 <sup>1</sup> ..... | 23                        | 3,306                           | 9,038,174          | 4,276,339                   |
| \$100,000 and less than \$1,000,000:                |                           |                                 |                    |                             | Per cent of total.....                                 | 100.0                     | 100.0                           | 100.0              | 100.0                       |
| 1909.....   | 9.1                       | 43.4                            | 41.2               | 45.8                        | Less than \$5,000.....                                 | 22.9                      | 1.4                             | 0.8                | 1.1                         |
| 1904.....   | 9.5                       | 40.3                            | 38.4               | 42.5                        | \$5,000 and less than \$20,000.....                    | 29.9                      | 5.2                             | 3.9                | 4.8                         |
| \$1,000,000 and over:                               |                           |                                 |                    |                             | \$20,000 and less than \$100,000.....                  | 32.5                      | 24.5                            | 19.8               | 23.1                        |
| 1909.....   | 0.8                       | 26.3                            | 39.5               | 29.5                        | \$100,000 and less than \$1,000,000 <sup>1</sup> ..... | 14.6                      | 63.9                            | 75.5               | 71.0                        |
| 1904.....   | 0.9                       | 27.7                            | 39.8               | 29.7                        | Average per establishment.....                         |                           | 31                              | \$76,292           | \$38,352                    |
| Average per establishment:                          |                           |                                 |                    |                             | <b>Lumber and timber products, 1909.....</b>           | 561                       | 7,003                           | \$12,184,202       | \$5,627,203                 |
| 1909.....   | 22                        |                                 | \$65,261           | \$24,110                    | Less than \$5,000.....                                 | 281                       | 751                             | 616,050            | 430,088                     |
| 1904.....   | 24                        |                                 | 63,182             | 24,235                      | \$5,000 and less than \$20,000.....                    | 181                       | 1,743                           | 1,728,309          | 1,122,411                   |
| <b>Bread and other bakery products, 1909.....</b>   | 516                       | 1,968                           | \$6,968,479        | \$2,505,380                 | \$20,000 and less than \$100,000.....                  | 68                        | 1,793                           | 2,941,831          | 1,249,725                   |
| Less than \$5,000.....                              | 182                       | 100                             | 638,880            | 209,615                     | \$100,000 and less than \$1,000,000.....               | 31                        | 2,716                           | 6,848,012          | 2,724,999                   |
| \$5,000 and less than \$20,000.....                 | 290                       | 709                             | 2,610,668          | 976,424                     | Per cent of total.....                                 | 100.0                     | 100.0                           | 100.0              | 100.0                       |
| \$20,000 and less than \$100,000.....               | 35                        | 339                             | 1,225,172          | 432,536                     | Less than \$5,000.....                                 | 50.1                      | 10.7                            | 5.1                | 7.6                         |
| \$100,000 and less than \$1,000,000.....            | 9                         | 814                             | 2,496,769          | 886,805                     | \$5,000 and less than \$20,000.....                    | 32.3                      | 24.9                            | 14.2               | 19.9                        |
| Per cent of total.....                              | 100.0                     | 100.0                           | 100.0              | 100.0                       | \$20,000 and less than \$100,000.....                  | 12.1                      | 25.6                            | 24.2               | 24.0                        |
| Less than \$5,000.....                              | 35.3                      | 5.1                             | 7.8                | 8.4                         | \$100,000 and less than \$1,000,000 <sup>1</sup> ..... | 5.5                       | 38.8                            | 56.4               | 48.4                        |
| \$5,000 and less than \$20,000.....                 | 56.2                      | 36.1                            | 38.0               | 39.0                        | Average per establishment.....                         |                           | 12                              | \$21,630           | \$10,031                    |
| \$20,000 and less than \$100,000.....               | 6.8                       | 17.3                            | 17.9               | 17.3                        | <b>Printing and publishing, 1909.....</b>              | 371                       | 3,386                           | \$8,359,779        | \$5,895,391                 |
| \$100,000 and less than \$1,000,000.....            | 1.7                       | 41.5                            | 36.3               | 35.4                        | Less than \$5,000.....                                 | 187                       | 280                             | 459,991            | 346,261                     |
| Average per establishment.....                      |                           |                                 | \$13,811           | \$4,855                     | \$5,000 and less than \$20,000.....                    | 120                       | 696                             | 1,206,619          | 870,178                     |
| <b>Canning and preserving, 1909.....</b>            | 468                       | 8,613                           | \$13,709,449       | \$3,619,815                 | \$20,000 and less than \$100,000.....                  | 49                        | 1,091                           | 2,049,023          | 1,381,108                   |
| Less than \$5,000.....                              | 108                       | 337                             | 299,657            | 92,467                      | \$100,000 and less than \$1,000,000.....               | 15                        | 1,310                           | 4,647,241          | 3,297,854                   |
| \$5,000 and less than \$20,000.....                 | 229                       | 2,037                           | 2,495,053          | 657,066                     | Per cent of total.....                                 | 100.0                     | 100.0                           | 100.0              | 100.0                       |
| \$20,000 and less than \$100,000.....               | 108                       | 2,572                           | 4,095,044          | 1,090,008                   | Less than \$5,000.....                                 | 50.4                      | 8.5                             | 5.5                | 5.9                         |
| \$100,000 and less than \$1,000,000.....            | 23                        | 3,617                           | 6,819,695          | 1,779,684                   | \$5,000 and less than \$20,000.....                    | 32.3                      | 20.6                            | 14.4               | 14.8                        |
| Per cent of total.....                              | 100.0                     | 100.0                           | 100.0              | 100.0                       | \$20,000 and less than \$100,000.....                  | 13.2                      | 32.2                            | 24.5               | 23.4                        |
| Less than \$5,000.....                              | 23.1                      | 3.9                             | 2.2                | 2.6                         | \$100,000 and less than \$1,000,000 <sup>1</sup> ..... | 4.0                       | 38.7                            | 55.6               | 55.9                        |
| \$5,000 and less than \$20,000.....                 | 48.9                      | 24.2                            | 18.2               | 18.2                        | Average per establishment.....                         |                           | 9                               | \$22,533           | \$15,891                    |
| \$20,000 and less than \$100,000.....               | 23.1                      | 29.9                            | 20.9               | 30.1                        | <b>Slaughtering and meat packing, 1909.....</b>        | 54                        | 1,034                           | \$13,682,951       | \$2,180,338                 |
| \$100,000 and less than \$1,000,000.....            | 4.9                       | 42.0                            | 49.7               | 49.2                        | Less than \$5,000.....                                 | 13                        | 19                              | 167,909            | 35,750                      |
| Average per establishment.....                      |                           | 18                              | \$29,294           | \$7,735                     | \$5,000 and less than \$20,000.....                    | 24                        | 97                              | 1,123,890          | 167,107                     |
| <b>Clothing, men's, including shirts, 1909.....</b> | 359                       | 19,784                          | \$36,921,294       | \$15,955,219                | \$20,000 and less than \$100,000.....                  | 12                        | 317                             | 5,151,358          | 942,846                     |
| Less than \$5,000.....                              | 94                        | 485                             | 308,467            | 283,473                     | \$100,000 and less than \$1,000,000.....               | 5                         | 601                             | 7,239,824          | 1,034,632                   |
| \$5,000 and less than \$20,000.....                 | 156                       | 2,387                           | 1,522,271          | 1,280,547                   | Per cent of total.....                                 | 100.0                     | 100.0                           | 100.0              | 100.0                       |
| \$20,000 and less than \$100,000.....               | 51                        | 946                             | 2,276,513          | 1,068,072                   | Less than \$5,000.....                                 | 24.1                      | 1.8                             | 1.2                | 1.6                         |
| \$100,000 and less than \$1,000,000.....            | 51                        | 5,879                           | 15,488,342         | 5,958,680                   | \$5,000 and less than \$20,000.....                    | 44.4                      | 9.4                             | 8.2                | 7.7                         |
| \$1,000,000 and over.....                           | 7                         | 10,087                          | 17,325,701         | 7,364,447                   | \$20,000 and less than \$100,000.....                  | 22.2                      | 30.7                            | 37.6               | 43.2                        |
| Per cent of total.....                              | 100.0                     | 100.0                           | 100.0              | 100.0                       | \$100,000 and less than \$1,000,000 <sup>1</sup> ..... | 9.3                       | 58.1                            | 52.9               | 47.5                        |
| Less than \$5,000.....                              | 26.2                      | 2.5                             | 0.8                | 1.8                         | Average per establishment.....                         |                           | 19                              | \$253,388          | \$40,377                    |
| \$5,000 and less than \$20,000.....                 | 43.5                      | 12.1                            | 4.1                | 8.0                         |  |                           |                                 |                    |                             |
| \$20,000 and less than \$100,000.....               | 14.2                      | 4.8                             | 6.2                | 6.7                         |  |                           |                                 |                    |                             |
| \$100,000 and less than \$1,000,000.....            | 14.2                      | 29.7                            | 41.9               | 37.3                        |  |                           |                                 |                    |                             |
| \$1,000,000 and over.....                           | 1.9                       | 51.0                            | 46.9               | 46.2                        |  |                           |                                 |                    |                             |
| Average per establishment.....                      |                           | 55                              | \$102,845          | \$44,444                    |  |                           |                                 |                    |                             |

<sup>1</sup> Includes the group "\$1,000,000 and over."

<sup>2</sup> Includes the group "Less than \$5,000."

STATISTICS OF MANUFACTURES.

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In some respects, and especially from the standpoint of conditions under which persons engaged in manufactures work, the best classification of establishments to bring out the feature of size is a classification according to the number of wage earners employed. The

next table shows, for 1909, such a classification for all industries combined and for 19 important industries individually, and gives not only the number of establishments falling in each group but also the average number of wage earners employed.

| INDUSTRY.   | ESTABLISHMENTS EMPLOYING— |                  |                      |                       |                        |                         |                          |                          |                            |                          |
|---|---------------------------|------------------|----------------------|-----------------------|------------------------|-------------------------|--------------------------|--------------------------|----------------------------|--------------------------|
|   | Total.                    | No wage earners. | 1 to 5 wage earners. | 6 to 20 wage earners. | 21 to 50 wage earners. | 51 to 100 wage earners. | 101 to 250 wage earners. | 251 to 500 wage earners. | 501 to 1,000 wage earners. | Over 1,000 wage earners. |
| NUMBER OF ESTABLISHMENTS.   |                           |                  |                      |                       |                        |                         |                          |                          |                            |                          |
| <b>All industries.....</b>  | <b>4,837</b>              | <b>504</b>       | <b>2,348</b>         | <b>1,190</b>          | <b>414</b>             | <b>182</b>              | <b>127</b>               | <b>42</b>                | <b>22</b>                  | <b>8</b>                 |
| Bread and other bakery products.....  | 516                       | 97               | 372                  | 38                    | 4                      | 3                       | 1                        | 1                        |                            |                          |
| Canning and preserving.....   | 468                       | 9                | 171                  | 208                   | 50                     | 14                      | 12                       | 4                        |                            |                          |
| Cars and general shop construction and repairs by steam-railroad companies..... | 21                        |                  | 3                    | 4                     |                        | 2                       |                          |                          |                            | 1                        |
| Clothing, men's, including shirts.....  | 359                       | 11               | 86                   | 169                   | 53                     | 14                      | 7                        | 5                        | 2                          | 1                        |
| Clothing, women's.....  | 72                        | 1                | 12                   | 34                    | 12                     | 9                       | 1                        | 3                        | 6                          | 4                        |
| Confectionery.....  | 54                        | 6                | 22                   | 13                    | 5                      | 2                       | 6                        |                          |                            |                          |
| Copper, tin, and sheet-iron products.....                                       | 81                        | 1                | 33                   | 15                    | 19                     | 3                       | 3                        | 4                        | 3                          |                          |
| Cotton goods, including cotton small wares.....                                 | 16                        |                  |                      | 3                     | 2                      | 1                       | 5                        | 3                        | 1                          | 1                        |
| Fertilizers.....  | 41                        |                  |                      | 7                     | 4                      | 5                       | 3                        | 1                        |                            |                          |
| Flour-mill and gristmill products.....  | 295                       | 82               | 199                  | 12                    | 1                      | 1                       |                          |                          |                            |                          |
| Foundry and machine-shop products.....  | 157                       | 5                | 69                   | 45                    | 26                     | 14                      | 5                        | 2                        | 1                          |                          |
| Liquors, distilled.....   | 25                        | 1                | 10                   | 10                    | 4                      |                         |                          |                          |                            |                          |
| Liquors, malt.....  | 20                        |                  | 3                    | 2                     | 3                      | 4                       | 2                        |                          |                            |                          |
| Lumber and timber products.....   | 561                       | 14               | 300                  | 182                   | 33                     | 20                      | 12                       |                          |                            |                          |
| Paper and wood pulp.....  | 13                        |                  | 3                    | 3                     | 4                      |                         | 2                        |                          | 1                          |                          |
| Patent medicines and compounds and druggists' preparations.....                 | 83                        | 20               | 43                   | 14                    | 2                      | 2                       | 1                        |                          | 1                          |                          |
| Printing and publishing.....  | 371                       | 65               | 194                  | 75                    | 26                     | 7                       | 4                        |                          | 1                          |                          |
| Slaughtering and meat packing.....  | 54                        | 1                | 31                   | 11                    | 4                      | 6                       | 1                        |                          |                            |                          |
| Tobacco manufactures.....   | 293                       | 85               | 128                  | 33                    | 7                      | 3                       | 3                        | 2                        | 2                          |                          |
| All other industries.....   | 1,367                     | 105              | 688                  | 312                   | 150                    | 72                      | 48                       | 15                       | 5                          | 2                        |
| AVERAGE NUMBER OF WAGE EARNERS.   |                           |                  |                      |                       |                        |                         |                          |                          |                            |                          |
| <b>All industries.....</b>  | <b>107,921</b>            | <b>5,630</b>     | <b>12,999</b>        | <b>13,184</b>         | <b>13,085</b>          | <b>19,858</b>           | <b>14,318</b>            | <b>15,628</b>            | <b>13,219</b>              |                          |
| Bread and other bakery products.....  | 1,902                     | 776              | 368                  | 129                   | 235                    | 156                     | 298                      |                          |                            |                          |
| Canning and preserving.....   | 8,613                     | 594              | 2,326                | 1,483                 | 1,024                  | 1,790                   | 1,396                    |                          |                            |                          |
| Cars and general shop construction and repairs by steam-railroad companies..... | 5,549                     | 11               | 59                   |                       | 132                    | 1,088                   | 616                      | 1,341                    | 2,302                      |                          |
| Clothing, men's, including shirts.....  | 19,784                    | 267              | 1,876                | 1,643                 | 978                    | 1,808                   | 1,389                    | 4,224                    | 7,599                      |                          |
| Clothing, women's.....  | 2,641                     | 38               | 419                  | 397                   | 609                    | 125                     | 1,053                    |                          |                            |                          |
| Confectionery.....  | 1,673                     | 59               | 139                  | 201                   | 138                    | 1,036                   |                          |                          |                            |                          |
| Copper, tin, and sheet-iron products.....                                       | 5,275                     | 94               | 182                  | 582                   | 211                    | 559                     | 1,491                    | 2,156                    |                            |                          |
| Cotton goods, including cotton small wares.....                                 | 3,906                     |                  | 38                   | 89                    | 79                     | 803                     | 1,062                    | 759                      | 1,136                      |                          |
| Fertilizers.....  | 1,439                     | 52               | 87                   | 150                   | 354                    | 447                     | 349                      |                          |                            |                          |
| Flour-mill and gristmill products.....  | 506                       | 320              | 99                   | 27                    | 60                     |                         |                          |                          |                            |                          |
| Foundry and machine-shop products.....  | 4,798                     | 153              | 476                  | 838                   | 1,023                  | 777                     | 655                      | 871                      |                            |                          |
| Liquors, distilled.....   | 276                       | 24               | 118                  | 134                   |                        |                         |                          |                          |                            |                          |
| Liquors, malt.....  | 909                       | 5                | 13                   | 264                   | 278                    | 349                     |                          |                          |                            |                          |
| Lumber and timber products.....   | 7,003                     | 773              | 2,045                | 1,017                 | 1,464                  | 1,704                   |                          |                          |                            |                          |
| Paper and wood pulp.....  | 1,249                     | 8                | 34                   | 134                   |                        | 340                     |                          | 733                      |                            |                          |
| Patent medicines and compounds and druggists' preparations.....                 | 1,193                     | 99               | 156                  | 59                    | 125                    | 110                     |                          | 644                      |                            |                          |
| Printing and publishing.....  | 3,386                     | 496              | 791                  | 849                   | 530                    | 720                     |                          |                          |                            |                          |
| Slaughtering and meat packing.....  | 1,034                     | 72               | 113                  | 141                   | 470                    | 238                     |                          |                          |                            |                          |
| Tobacco manufactures.....   | 3,476                     | 226              | 353                  | 256                   | 197                    | 478                     | 710                      | 1,256                    |                            |                          |
| All other industries.....   | 33,289                    | 1,563            | 3,307                | 4,791                 | 5,173                  | 7,330                   | 5,299                    | 3,644                    | 2,182                      |                          |
| PER CENT OF AVERAGE NUMBER OF WAGE EARNERS.                                     |                           |                  |                      |                       |                        |                         |                          |                          |                            |                          |
| <b>All industries.....</b>  | <b>100.0</b>              | <b>5.2</b>       | <b>12.0</b>          | <b>12.2</b>           | <b>12.1</b>            | <b>18.4</b>             | <b>13.3</b>              | <b>14.5</b>              | <b>12.2</b>                |                          |
| Bread and other bakery products.....  | 100.0                     | 39.6             | 18.8                 | 6.6                   | 12.0                   | 7.9                     | 15.2                     |                          |                            |                          |
| Canning and preserving.....   | 100.0                     | 6.9              | 27.0                 | 17.2                  | 11.9                   | 20.8                    | 16.2                     |                          |                            |                          |
| Cars and general shop construction and repairs by steam-railroad companies..... | 100.0                     | 0.2              | 1.1                  |                       | 2.4                    | 19.6                    | 11.1                     | 24.2                     | 41.5                       |                          |
| Clothing, men's, including shirts.....  | 100.0                     | 1.3              | 9.5                  | 8.3                   | 4.9                    | 9.1                     | 7.0                      | 21.4                     | 38.4                       |                          |
| Clothing, women's.....  | 100.0                     | 1.4              | 15.9                 | 15.0                  | 23.1                   | 4.7                     | 39.9                     |                          |                            |                          |
| Confectionery.....  | 100.0                     | 3.8              | 8.8                  | 12.8                  | 8.8                    | 65.9                    |                          |                          |                            |                          |
| Copper, tin, and sheet-iron products.....                                       | 100.0                     | 1.8              | 3.4                  | 11.0                  | 4.0                    | 10.6                    | 28.3                     | 40.9                     |                            |                          |
| Cotton goods, including cotton small wares.....                                 | 100.0                     |                  | 1.0                  | 2.2                   | 2.0                    | 20.2                    | 26.8                     | 19.1                     | 28.6                       |                          |
| Fertilizers.....  | 100.0                     | 3.6              | 6.0                  | 10.4                  | 24.6                   | 31.1                    | 24.3                     |                          |                            |                          |
| Flour-mill and gristmill products.....  | 100.0                     | 63.2             | 19.6                 | 5.3                   | 11.9                   |                         |                          |                          |                            |                          |
| Foundry and machine-shop products.....  | 100.0                     | 3.2              | 9.9                  | 17.5                  | 21.4                   | 16.2                    | 13.7                     | 18.2                     |                            |                          |
| Liquors, distilled.....   | 100.0                     | 8.7              | 42.8                 | 48.6                  |                        |                         |                          |                          |                            |                          |
| Liquors, malt.....  | 100.0                     | 0.6              | 1.4                  | 29.0                  | 30.6                   | 38.4                    |                          |                          |                            |                          |
| Lumber and timber products.....   | 100.0                     | 11.0             | 29.2                 | 14.5                  | 20.9                   | 24.3                    |                          |                          |                            |                          |
| Paper and wood pulp.....  | 100.0                     | 0.6              | 2.7                  | 10.7                  |                        | 27.2                    |                          | 58.7                     |                            |                          |
| Patent medicines and compounds and druggists' preparations.....                 | 100.0                     | 8.3              | 13.1                 | 4.9                   | 10.5                   | 9.2                     |                          | 54.0                     |                            |                          |
| Printing and publishing.....  | 100.0                     | 14.6             | 23.4                 | 25.1                  | 15.7                   | 21.3                    |                          |                          |                            |                          |
| Slaughtering and meat packing.....  | 100.0                     | 7.0              | 10.9                 | 13.6                  | 45.5                   | 23.0                    |                          |                          |                            |                          |
| Tobacco manufactures.....   | 100.0                     | 6.5              | 10.2                 | 7.4                   | 5.7                    | 13.8                    | 20.4                     | 36.1                     |                            |                          |
| All other industries.....   | 100.0                     | 4.7              | 9.9                  | 14.4                  | 15.5                   | 22.0                    | 15.9                     | 10.9                     | 6.6                        |                          |

The per cent distribution of the number of establishments is not shown in this table. Of the 4,837 establishments reported for all industries, 10.4 per cent employed no wage earners; 48.5 per cent employed from 1 to 5; and 24.6 per cent, from 6 to 20. The most numerous single group consists of the 2,348 establishments employing 1 to 5 wage earners, the next being the group employing from 6 to 20, with 1,190 establishments. There were 72 establishments that employed over 250 wage earners; 8 employed over 1,000.

Of the total number of wage earners, 40 per cent were in establishments employing over 250 wage earners. The single group having the largest number of employees was the group employing from 101 to 250 wage earners. This group employed 19,858 wage earners, or 18.4 per cent of the total. The individual industries listed in this table, but not in the preceding one, namely, steam-railroad repair shops, women's clothing, confectionery, cotton goods, distilled liquors, fertilizers, malt liquors, paper and wood pulp, patent medicines and compounds, and tobacco manufactures, are all, with the exception of distilled liquors, industries in which comparatively large establishments do most of the business, as appears from the classification of the wage earners.

**Expenses.**—As stated in the Introduction, the census does not purport to furnish figures that can be used for determining the cost of manufacture and profits. Facts of interest can, however, be brought out concerning the relative importance of the different classes of expenses which make up the total.

| INDUSTRY.   | PER CENT OF TOTAL EXPENSES REPORTED. |             |             |                         |
|---|--------------------------------------|-------------|-------------|-------------------------|
|   | Salaries.                            | Wages.      | Materials.  | Miscellaneous expenses. |
| <b>All industries</b> .....   | <b>4.8</b>                           | <b>15.9</b> | <b>69.6</b> | <b>9.7</b>              |
| Bread and other bakery products.....  | 3.4                                  | 15.0        | 73.1        | 8.5                     |
| Canning and preserving.....   | 2.7                                  | 14.9        | 78.0        | 4.4                     |
| Cars and general shop construction and repairs by steam-railroad companies..... | 3.1                                  | 39.0        | 57.3        | 0.5                     |
| Clothing, men's, including shirts.....  | 5.3                                  | 22.1        | 61.3        | 11.4                    |
| Clothing, women's.....  | 6.9                                  | 22.6        | 58.0        | 12.5                    |
| Confectionery.....  | 6.0                                  | 10.7        | 72.8        | 9.9                     |
| Copper, tin, and sheet-iron products.....                                       | 5.5                                  | 13.9        | 72.1        | 8.5                     |
| Cotton goods, including cotton small wares.....                                 | 2.8                                  | 20.6        | 72.7        | 3.9                     |
| Fertilizers.....  | 4.9                                  | 7.2         | 81.3        | 6.7                     |
| Flour-mill and gristmill products.....  | 1.1                                  | 2.6         | 93.3        | 3.0                     |
| Foundry and machine-shop products.....  | 6.7                                  | 25.7        | 55.6        | 12.0                    |
| Liquors, distilled.....   | 4.2                                  | 2.8         | 22.5        | 70.5                    |
| Liquors, malt.....  | 7.6                                  | 14.6        | 32.2        | 45.5                    |
| Lumber and timber products.....   | 4.0                                  | 23.8        | 63.0        | 9.1                     |
| Paper and wood pulp.....  | 3.3                                  | 15.0        | 77.1        | 4.6                     |
| Patent medicines and compounds and druggists' preparations.....                 | 17.5                                 | 10.0        | 50.5        | 22.0                    |
| Printing and publishing.....  | 17.7                                 | 27.5        | 34.5        | 20.2                    |
| Slaughtering and meat packing.....  | 2.1                                  | 4.7         | 89.5        | 3.5                     |
| Tobacco manufactures.....   | 3.8                                  | 12.5        | 57.6        | 26.1                    |
| All other industries.....   | 4.1                                  | 14.0        | 76.5        | 5.5                     |

The preceding table shows, for 1909, in percentages, the distribution of expenses among the classes indicated for all industries combined and for certain important industries separately. The figures on which the percentages are based appear in Table II.

This table shows that for all industries combined 69.6 per cent of the total expenses were incurred for materials, 20.7 per cent for services—that is, salaries and wages—and but 9.7 per cent for other purposes. As would be expected, these proportions vary greatly in the different industries. The large proportional miscellaneous expenses for the two liquor industries was caused by the amounts paid for internal revenue.

**Engines and power.**—The following table shows, for all industries combined, the number of engines or other motors, according to their character, employed in generating power (including electric motors operated by purchased current), and their total horsepower at the censuses of 1909, 1904, and 1899. It also shows separately the number and horsepower of electric motors, including those operated by current generated in the manufacturing establishments.

| POWER.   | NUMBER OF ENGINES OR MOTORS. |                  |                   | HORSEPOWER.    |                |                   | PER CENT DISTRIBUTION OF HORSEPOWER. |              |                  |
|--|------------------------------|------------------|-------------------|----------------|----------------|-------------------|--------------------------------------|--------------|------------------|
|  | 1909                         | 1904             | 1899 <sup>1</sup> | 1909           | 1904           | 1899 <sup>1</sup> | 1909                                 | 1904         | 1899             |
| <b>Primary power, total</b> .....              | <b>6,470</b>                 | <b>2,780</b>     | <b>2,808</b>      | <b>218,244</b> | <b>165,449</b> | <b>132,052</b>    | <b>100.0</b>                         | <b>100.0</b> | <b>100.0</b>     |
| Owned.....                                     | 3,523                        | 2,790            | 2,808             | 200,205        | 160,781        | 120,669           | 91.7                                 | 97.2         | 98.2             |
| Steam.....                                     | 2,093                        | 2,121            | 2,153             | 181,320        | 142,096        | 115,590           | 83.1                                 | 85.9         | 87.5             |
| Gas.....                                       | 504                          | 398              | 332               | 5,736          | 4,377          | 3,139             | 2.6                                  | 2.6          | 2.4              |
| Water wheels.....                              | 309                          | 265              | 323               | 11,953         | 10,610         | 10,415            | 5.5                                  | 6.4          | 7.9              |
| Water motors.....                              | 17                           | 6                | ( <sup>2</sup> )  | 121            | 167            | ( <sup>2</sup> )  | 0.1                                  | 0.1          | ( <sup>2</sup> ) |
| Other.....                                     |                              |                  |                   | 1,069          | 3,531          | 525               | 0.5                                  | 2.1          | 0.4              |
| Rented.....                                    | 2,947                        | ( <sup>2</sup> ) | ( <sup>2</sup> )  | 18,039         | 4,668          | 2,383             | 8.3                                  | 2.8          | 1.8              |
| Electric.....                                  | 2,947                        | ( <sup>2</sup> ) | ( <sup>2</sup> )  | 17,108         | 3,309          | 733               | 7.8                                  | 2.0          | 0.6              |
| Other.....                                     |                              |                  |                   | 931            | 1,359          | 1,650             | 0.4                                  | 0.8          | 1.2              |
| <b>Electricmotors.</b>                         | <b>5,024</b>                 | <b>802</b>       | <b>229</b>        | <b>44,921</b>  | <b>18,823</b>  | <b>4,174</b>      | <b>100.0</b>                         | <b>100.0</b> | <b>100.0</b>     |
| Run by current generated by establishment..... | 2,077                        | 802              | 229               | 27,813         | 15,514         | 3,441             | 61.9                                 | 82.4         | 82.4             |
| Run by rented power.....                       | 2,947                        | ( <sup>2</sup> ) | ( <sup>2</sup> )  | 17,108         | 3,309          | 733               | 38.1                                 | 17.6         | 17.6             |

<sup>1</sup> Includes the neighborhood industries and hand trades, omitted in 1904 and 1909.  
<sup>2</sup> Not reported.

The table indicates that the increase in primary power was due principally to the increase in owned power generated by steam. The relative proportion which steam power bears to the total primary power used at each census is, however, becoming less. It constituted 87.5 per cent in 1899, 85.9 per cent in 1904, and 83.1 per cent in 1909. The more general use of gas

engines is shown, there being 504 of such engines with a capacity of 5,736 horsepower reported in 1909, as against 398 engines with 4,377 horsepower in 1904 and 332 engines with 3,139 horsepower in 1899. The figures also show an increase in the practice of renting electric power, 7.8 per cent of the total power being rented electric in 1909, as against 2 per cent in 1904, and six-tenths of 1 per cent in 1899. The use of electric motors for the purpose of applying the power generated within the establishments is also shown to be rapidly increasing, the horsepower of such motors increasing from 3,441 in 1899 to 15,514 in 1904, and 27,813 in 1909.

Fuel.—Closely related to the question of kind of power employed is that of the fuel used in generating this power, or otherwise consumed as material in the manufacturing processes. The table in the next column shows the quantity of each kind of fuel used in 1909 for all industries combined and for certain selected industries.

| INDUSTRY.  | An-thra-cite coal (tons). | Bitumi-nous coal (tons). | Coke (tons). | Wood (cuds.). | Oil, includ-ing gas-oil (bar-rels). | Gas (1,000 feet). |
|--|---------------------------|--------------------------|--------------|---------------|-------------------------------------|-------------------|
| All industries.....  | 84,081                    | 1,840,480                | 433,044      | 33,284        | 251,037                             | 1,281,808         |
| Bread and other bakery products.   | 5,946                     | 7,303                    | 511          | 5,739         | 58                                  | 14,417            |
| Canning and preserving.....  | 69                        | 27,721                   | 108          | 7,662         | 2,773                               | 2,844             |
| Cars and general shop construction and repairs by steam-rail-road companies..... | 11,279                    | 63,978                   | 2,429        | .....         | 11,288                              | 367               |
| Clothing, men's, including shirts.....   | 1,016                     | 14,412                   | .....        | 88            | 834                                 | 26,834            |
| Clothing, women's.....   | 425                       | 622                      | .....        | 5             | 79                                  | 5,988             |
| Confectionery.....   | 281                       | 15,869                   | 2,199        | 42            | 8                                   | 2,290             |
| Copper, tin, and sheet-iron products.....  | 853                       | 26,834                   | 489          | 4             | 9,086                               | 23,288            |
| Cotton goods, including cotton small wares.....                                  | 100                       | 31,998                   | .....        | 78            | .....                               | .....             |
| Fertilizers.....   | .....                     | 25,183                   | 10           | 10            | 61                                  | 150               |
| Flour-mill and gristmill products.....   | 1,012                     | 18,257                   | .....        | 4,899         | 804                                 | 871               |
| Foundry and machine-shop products.....   | 495                       | 34,315                   | 20,282       | 1,105         | 603                                 | 19,691            |
| Gas, illuminating and heating.....   | 32,307                    | 16,874                   | 3,464        | 17            | 179,632                             | 11,540            |
| Liquors, distilled.....  | 45                        | 32,478                   | 249          | 182           | 2                                   | .....             |
| Liquors, malt.....   | .....                     | 46,122                   | .....        | 25            | 7                                   | 717               |
| Lumber and timber products.....  | 9                         | 11,603                   | 4            | 144           | 1,512                               | 2,735             |
| Paper and wood pulp.....   | .....                     | 132,487                  | .....        | .....         | .....                               | 354,808           |
| Patent medicines and compounds and druggists' preparations.....                  | 215                       | 4,396                    | .....        | 1             | 1                                   | 949               |
| Printing and publishing.....   | 2,224                     | 5,504                    | .....        | 33            | 223                                 | 16,267            |
| Slaughtering and meat packing.....   | 30                        | 40,765                   | .....        | 1,225         | 14                                  | 1,014             |
| Tobacco manufactures.....  | 468                       | 4,430                    | 33           | 8             | 26                                  | 1,859             |
| All other industries.....  | 27,317                    | 1,079,349                | 403,266      | 12,057        | 44,026                              | 795,166           |

NOTE.—In addition, there were 16,244 tons of other varieties of fuel reported.

SUPPLEMENTARY DATA REGARDING IMPORTANT INDUSTRIES.

(With statistics for laundries and custom sawmills and gristmills.)

For certain industries the Census Bureau collects, by means of special schedules, details regarding the quantity and value of materials and products which do not appear on the general schedule. Certain data for the quantity and value of products for seven important industries in Maryland are here presented.

Canning and preserving.—Canning and preserving as a factory industry is of comparatively recent origin. In 1859 there were in Maryland 25 establishments reported as engaged in canning oysters and 4 engaged in preserving fruits, etc., with combined products valued at \$1,089,620. It is probable that this number includes many establishments, the output of which was not canned shucked oysters, thereby making the statistics not strictly comparable. The remarkable growth in the industry is shown, however, by comparing these figures with the 468 establishments reported in 1909, which had a total value of products amounting to \$13,709,449. Of the establishments reported in 1909, 19 were primarily engaged in canning and preserving fish; 423 in canning and preserving fruits and vegetables; 2 in canning and preserving oysters; and 24 in the manufacture of pickles, preserves, and sauces. Several of the large fruit and vegetable canneries continue to operate their plants as oyster canneries during what would otherwise be their closed season.

The quantity and value of products, by classes, for 1909, 1904, and 1899, are given in the first table on the next page.

The case which is used as the unit of measure consists of 24 standard-size, number 2 or number 3, cans; also called 2-pound and 3-pound cans, according to the kind of fruit or vegetable canned or preserved. All beans, corn, peas, blackberries, cherries, raspberries,

and strawberries have been reduced to the standard-size number 2 can, while all other fruits and vegetables have been reduced to the standard-size number 3 can.

The total value of products was greater in 1909 than in 1904, but smaller than in 1899. The figures for 1899, however, include the value of large quantities of tin cans manufactured and sold and of oysters sold in bulk, which are included under the head of "All other products" for that year. It will be observed that the total value of all canned vegetables increased throughout the decade; that the total value of all canned fruits was greater in 1904 than in 1899, but smaller in 1909; and that the total value of all canned oysters fell off in 1904 and recovered in 1909.

Sweet potatoes and tomatoes were the only vegetables showing a gain in quantity and value during the period from 1904 to 1909, but each variety of vegetable increased in both items from 1899 to 1904. The gain, however, during the former period in the value of tomatoes—which comprised, in 1909, 71.2 per cent of the aggregate value of all vegetable products for the industry—was great enough to more than overcome the combined loss in the value of all other vegetables. Apples and strawberries were the only canned fruits to show increases in 1909 over 1904, while the largest decrease was in peaches. It must be remembered, however, in using these comparative figures, that the packs of various fruits and vegetables fluctuate from year to year according to the extent of their respective crops.

Of the 468 establishments embraced within this classification in 1909, tomatoes were canned or preserved to some extent by 398, corn by 63, peas by 29, sweet potatoes by 36, apples and peaches by 23, strawberries by 22, and spinach by 16.

| PRODUCT.  | 1909         | 1904             | 1899             |
|---|--------------|------------------|------------------|
| Total value.....  | \$13,709,449 | \$12,935,065     | \$14,533,000     |
| Canned vegetables.....  | 10,770,540   | 9,556,611        | 6,260,691        |
| Beans—  |              |                  |                  |
| Cases.....  | 611,287      | 870,121          | 405,071          |
| Value.....  | \$778,732    | \$1,031,025      | \$470,314        |
| Corn—   |              |                  |                  |
| Cases.....  | 772,828      | 1,600,802        | 848,959          |
| Value.....  | \$1,039,905  | \$2,021,627      | \$1,070,096      |
| Peas—   |              |                  |                  |
| Cases.....  | 381,894      | 622,263          | 565,642          |
| Value.....  | \$619,081    | \$1,019,131      | \$957,430        |
| Pumpkins—   |              |                  |                  |
| Cases.....  | 2,033        | 19,592           | 4,810            |
| Value.....  | \$4,292      | \$24,283         | \$6,315          |
| Sweet potatoes—   |              |                  |                  |
| Cases.....  | 136,252      | 109,347          | 59,362           |
| Value.....  | \$206,919    | \$148,906        | \$85,020         |
| Spinach—  |              |                  |                  |
| Cases.....  | 110,832      |                  |                  |
| Value.....  | \$188,852    |                  |                  |
| Tomatoes—   |              |                  |                  |
| Cases.....  | 5,747,477    | 3,638,363        | 2,599,454        |
| Value.....  | \$7,674,960  | \$4,976,095      | \$3,650,137      |
| Okra and tomatoes—  |              |                  |                  |
| Cases.....  | 36,629       |                  |                  |
| Value.....  | \$53,572     |                  |                  |
| All other canned vegetables—  |              |                  |                  |
| Cases.....  | 118,190      | 107,118          | 6,430            |
| Value.....  | \$212,327    | \$335,541        | \$12,378         |
| Canned fruits.....  | \$1,095,014  | \$1,765,824      | \$1,422,968      |
| Apples—   |              |                  |                  |
| Cases.....  | 111,347      | 47,117           | 85,927           |
| Value.....  | \$168,458    | \$70,980         | \$137,884        |
| Blackberries—   |              |                  |                  |
| Cases.....  | 29,894       | 58,768           | 72,087           |
| Value.....  | \$39,316     | \$81,104         | \$88,425         |
| Cherries—   |              |                  |                  |
| Cases.....  | 10,092       | 30,104           | 25,033           |
| Value.....  | \$18,204     | \$47,869         | \$42,096         |
| Gooseberries—   |              |                  |                  |
| Cases.....  | 53,513       |                  |                  |
| Value.....  | \$77,987     |                  |                  |
| Peaches—  |              |                  |                  |
| Cases.....  | 80,489       | 352,244          | 302,087          |
| Value.....  | \$158,839    | \$763,003        | \$758,919        |
| Pears—  |              |                  |                  |
| Cases.....  | 67,427       | 126,213          | 80,540           |
| Value.....  | \$111,949    | \$199,802        | \$151,012        |
| Pineapples—   |              |                  |                  |
| Cases.....  | 67,695       |                  |                  |
| Value.....  | \$252,384    |                  |                  |
| Raspberries—  |              |                  |                  |
| Cases.....  | 14,052       | 30,442           | 44,411           |
| Value.....  | \$25,619     | \$47,349         | \$71,190         |
| Strawberries—   |              |                  |                  |
| Cases.....  | 106,724      | 72,130           | 116,973          |
| Value.....  | \$228,860    | \$129,324        | \$173,008        |
| All other canned fruits—  |              |                  |                  |
| Cases.....  | 9,017        | 201,597          | 484              |
| Value.....  | \$13,398     | \$436,333        | \$434            |
| Preserved and pickled fruits and vegetables, including jams, jellies, sauces, ketchups, and similar products..... | \$664,408    | ( <sup>2</sup> ) | ( <sup>2</sup> ) |
| Oysters.....  | \$868,706    | \$548,646        | \$823,567        |
| Canned, smoked and salt fish, clams and crabs.....  | \$227,633    | ( <sup>1</sup> ) | \$132,100        |
| All other products.....   | \$74,148     | \$1,063,984      | \$5,893,674      |

<sup>1</sup> Does not include two establishments engaged in preparing fish, to avoid disclosures of individual operations.

<sup>2</sup> Included in "All other products."

**Slaughtering and meat packing.**—The next table shows the products reported for this industry at the last three censuses.

In 1904 there was a slight increase over 1899 in total value of products. The increase in value of pork products, embracing fresh pork, pork salted and cured, sausage fresh or cured, and lard, was sufficiently large to more than offset the decreases in beef, veal, and mutton products. A comparison for the 10-year period 1899 to 1909 shows that the quantities of fresh beef and fresh pork increased, while the quantities of salted or cured beef, fresh veal, fresh mutton, salted or cured pork, and lard decreased. In 1909 the quantity of fresh beef shown was nearly five times the quantity reported in 1904. The industry as a whole shows a

greater growth during the five years 1904–1909 than in any decade since 1879, the value of products having increased 99.8 per cent. The value of all other products shows an extraordinary gain in 1909 over 1904, which was due in part to the increased production of compound lard, lard substitute, edible oils, and other by-products.

| PRODUCT.                              | 1909         | 1904        | 1899             |
|---------------------------------------|--------------|-------------|------------------|
| Total value.....                      | \$13,682,951 | \$6,847,978 | \$6,391,066      |
| Beef, fresh:                          |              |             |                  |
| Pounds.....                           | 19,979,567   | 4,123,530   | 6,752,680        |
| Value.....                            | \$1,758,714  | \$278,381   | \$333,364        |
| Beef, salted or cured:                |              |             |                  |
| Pounds.....                           | 191,480      | 160,800     | 307,820          |
| Value.....                            | \$19,109     | \$9,098     | \$24,959         |
| Veal, fresh:                          |              |             |                  |
| Pounds.....                           | 1,482,710    | 533,372     | 1,549,400        |
| Value.....                            | \$177,732    | \$57,022    | \$163,120        |
| Mutton, fresh:                        |              |             |                  |
| Pounds.....                           | 630,729      | 1,316,012   | 3,826,000        |
| Value.....                            | \$77,541     | \$117,610   | \$510,012        |
| Pork, fresh:                          |              |             |                  |
| Pounds.....                           | 13,166,197   | 17,690,375  | 11,081,713       |
| Value.....                            | \$1,762,032  | \$1,538,427 | \$346,063        |
| Pork, salted or cured:                |              |             |                  |
| Pounds.....                           | 28,231,007   | 30,676,342  | 31,739,703       |
| Value.....                            | \$3,648,005  | \$3,033,330 | \$2,666,294      |
| Sausage, fresh or cured.....          | \$1,376,720  | \$791,478   | \$676,534        |
| Lard:                                 |              |             |                  |
| Pounds.....                           | 9,577,942    | 10,389,572  | 11,359,953       |
| Value.....                            | \$1,162,407  | \$785,185   | \$720,124        |
| Fertilizers and fertilizer materials: |              |             |                  |
| Tons.....                             | 21,827       | 3,795       | 590              |
| Value.....                            | \$398,965    | \$100,166   | \$8,600          |
| Hides:                                |              |             |                  |
| Number.....                           | 58,891       | 18,659      | 29,917           |
| Pounds.....                           | 2,756,685    | 622,976     | 917,570          |
| Value.....                            | \$349,077    | \$54,408    | \$75,543         |
| Pelts:                                |              |             |                  |
| Number.....                           | 19,173       | 37,074      | ( <sup>1</sup> ) |
| Value.....                            | \$16,963     | \$11,034    | ( <sup>1</sup> ) |
| All other products.....               | \$2,935,786  | \$71,778    | \$166,463        |

<sup>1</sup> Figures not available.

**Lumber and timber products.**—The following is a statement comparing the quantities of rough lumber, lath, and shingles produced in 1909 and 1899:

| PRODUCT.                               | QUANTITY. |         |
|--|-----------|---------|
|  | 1909      | 1899    |
| Rough lumber..... M feet b. m. . . . . | 207,939   | 183,711 |
| Lath..... thousands..                  | 17,583    | 5,369   |
| Shingles..... thousands..              | 12,352    | 22,824  |

The principal varieties and the quantities in M feet board measure, of rough lumber sawed in 1909 were: Yellow pine, 97,598; oak, 71,792; and chestnut, 32,251.

**Fertilizers.**—The principal products manufactured during 1909, 1904, and 1899, by kind, quantity, and value, are shown in the first table on the next page.

The statistics presented in this table pertain to the distinctly fertilizer establishments. There were, however, considerable quantities manufactured as a secondary product by establishments primarily engaged in other manufacturing industries which in 1909 reported 19,814 tons of fertilizers, valued at \$353,550.

The quantity of all kinds of fertilizers shown in the following table was 608,699 tons in 1909, compared with 500,889 tons in 1904 and 383,774 tons in 1899, a gain



of 107,810 tons in 1909 over 1904 and 117,115 tons in 1904 over 1899. Complete fertilizers constituted the largest class manufactured during each of the three census years, representing 44.1 per cent in 1909, 30.9 per cent in 1904, and 47.9 per cent in 1899, of the total quantities produced. Of the five different groups, complete fertilizers showed the largest actual and relative increases from 1904 to 1909, while ammoniated fertilizers showed the largest increases from 1899 to 1904. The principal materials used in 1909 by fertilizer establishments consisted of 249,167 tons of phosphate rock, 187,988 tons of sulphuric acid, 75,468 tons of ammoniates, and 45,041 tons of kainit, and in 1904 of 138,515 tons of phosphate rock, 40,987 tons of ammoniates, 35,941 tons of sulphuric acid, and 33,052 tons of superphosphates. Besides the products shown in the table, 308,794 tons of acid phosphate, 22,495 tons of sulphuric acid, and 20,284 tons of other products were manufactured in 1909 by the 41 establishments reporting and consumed by them in further processes.

| PRODUCT.                                    | 1909               | 1904               | 1899               |
|---|--------------------|--------------------|--------------------|
| <b>Total value</b> .....                    | <b>\$9,672,786</b> | <b>\$6,631,763</b> | <b>\$5,481,905</b> |
| Superphosphates from minerals, bones, etc.: |                    |                    |                    |
| Tons.....                                   | 184,524            | 132,803            | 124,444            |
| Value.....                                  | \$1,838,959        | \$1,309,620        | \$1,176,099        |
| Ammoniated fertilizers:                     |                    |                    |                    |
| Tons.....                                   | 49,972             | 134,929            | 48,608             |
| Value.....                                  | \$1,260,624        | \$1,861,507        | \$690,871          |
| Concentrated phosphate:                     |                    |                    |                    |
| Tons.....                                   | 24,377             |                    |                    |
| Value.....                                  | \$290,324          |                    |                    |
| Complete fertilizers:                       |                    |                    |                    |
| Tons.....                                   | 268,570            | 154,665            | 183,705            |
| Value.....                                  | \$4,764,519        | \$2,441,425        | \$2,977,015        |
| Other fertilizers:                          |                    |                    |                    |
| Tons.....                                   | 81,256             | 78,492             | 27,017             |
| Value.....                                  | \$858,839          | \$696,230          | \$330,572          |
| Sulphuric acid:                             |                    |                    |                    |
| Tons.....                                   | 15,359             | 2,222              | 20,311             |
| Value.....                                  | \$92,154           | \$13,352           | \$124,170          |
| Other acids:                                |                    |                    |                    |
| Tons.....                                   |                    | 44,895             |                    |
| Value.....                                  |                    | \$213,251          |                    |
| Fish scrap:                                 |                    |                    |                    |
| Tons.....                                   | 1,400              |                    |                    |
| Value.....                                  | \$42,600           |                    |                    |
| All other products.....                     | \$554,767          | \$96,338           | \$183,378          |

Flour-mill and gristmill products.—The following tabular statement gives the quantity and value of products for the last two census years:

| PRODUCT.                    | QUANTITY. |           | VALUE.             |                    |
|-----------------------------|-----------|-----------|--------------------|--------------------|
|                             | 1909      | 1904      | 1909               | 1904               |
| <b>Total value</b> .....    |           |           | <b>\$9,267,903</b> | <b>\$7,318,212</b> |
| Wheat flour:                |           |           |                    |                    |
| White..... barrels..        | 1,128,475 | 1,015,886 | 6,089,115          | 4,860,290          |
| Graham..... barrels..       | 1,690     | 86        | 8,756              | 344                |
| Corn meal..... barrels..    | 228,349   | 1,298,196 | 732,877            | 722,991            |
| Corn flour..... barrels..   | 1,983     |           | 5,198              |                    |
| Rye flour..... barrels..    | 5,296     | 2,858     | 23,304             | 14,463             |
| Buckwheat flour... pounds.. | 2,558,744 | 1,642,768 | 69,279             | 45,109             |
| Hominy..... pounds..        | 997,417   | 3,011,460 | 18,223             | 41,861             |
| Grits..... pounds..         | 1,292,200 |           | 20,743             |                    |
| Feed..... tons.....         | 40,344    | 25,386    | 1,139,253          | 649,773            |
| Offal..... tons.....        | 41,460    | 45,537    | 1,035,007          | 947,858            |
| All other products.....     |           |           | 123,143            | 35,523             |

<sup>1</sup> Includes corn flour.

<sup>2</sup> Includes grits.

White wheat flour, which constituted 65.7 per cent of the total value of all products in 1909 compared

with 66.4 per cent in 1904, shows an increase of 112,609 barrels, or 11.1 per cent, in quantity and \$1,228,825, or 25.3 per cent, in value during the five years. Each of the different classes of products shows an increase in value and all except corn meal, corn flour, hominy and grits combined, and offal an increase in quantity. There were, however, 1,997,086 bushels of corn ground by merchant mills in 1909, compared with 1,898,891 bushels in 1904. The decrease in the corn products above specified was offset by an increase in feed, a large part of which is derived from corn.

Printing and publishing.—Though the printing and publishing industry as a whole in Maryland shows considerable growth during the last five years as measured by the financial statistics, the number of publications and aggregate circulation have decidedly decreased during the same period, as shown by the following table:

| PERIOD OF ISSUE.       | NUMBER OF PUBLICATIONS. |            |            | AGGREGATE CIRCULATION PER ISSUE. |                |                |
|------------------------|-------------------------|------------|------------|----------------------------------|----------------|----------------|
|                        | 1909                    | 1904       | 1899       | 1909                             | 1904           | 1899           |
| <b>Total</b> .....     | <b>163</b>              | <b>199</b> | <b>168</b> | <b>800,550</b>                   | <b>873,594</b> | <b>679,867</b> |
| Daily.....             | 18                      | 20         | 18         | 310,870                          | 296,878        | 247,552        |
| Sunday.....            | 5                       | 5          | 2          | 182,582                          | 182,500        | (1)            |
| Semiweekly.....        | 23                      | 2          | 2          | 18,075                           | 16,175         | 17,360         |
| Weekly.....            | 120                     | 139        | 127        | 185,554                          | 228,001        | 316,505        |
| Monthly.....           | 13                      | 22         | 15         | 100,089                          | 123,150        | 93,250         |
| All other classes..... | 4                       | 11         | 4          | 3,400                            | 28,890         | 5,200          |

<sup>1</sup> Included with circulation of dailies.  
<sup>2</sup> Includes one triweekly publication.

During the 1904-1909 period the total number of publications decreased 18.1 per cent, accompanied by a decrease of 8.4 per cent in aggregate circulation per issue. With exception of semiweeklies and Sunday publications, which remained the same, each of the different classes of publications shows a decrease in number in 1909, as compared with 1904, the greatest decline being in weeklies. The average circulation of daily publications increased during the same period, but the gain was not enough to equal the combined losses in the circulation of weeklies, monthlies, and the publications included under the head "All other classes." All the publications were in the English language, except two dailies and two Sunday publications—one of each was in German and one of each in German and English—and nine weeklies, one of which was in Bohemian, four in German, two in Italian, one in Polish, and one in Yiddish.

Cotton goods, including cotton small wares.—This industry is one of the oldest in the state. As early as 1849 there were 24 establishments reported, with products valued at \$2,120,504. During the years from 1849 to 1909 the number of establishments decreased one-third, yet the value of products much more than doubled.

The quantity and cost of materials used, by kinds, in 1909, 1904, and 1899, are given in the next table.

| MATERIAL.                   | 1909        | 1904        | 1899        |
|-----------------------------|-------------|-------------|-------------|
| Total cost .....            | \$4,011,741 | \$3,873,475 | \$3,039,396 |
| Cotton:                     |             |             |             |
| Pounds.....                 | 27,460,792  | 27,054,032  | 39,901,955  |
| Cost.....                   | \$3,230,428 | \$3,293,937 | \$2,644,129 |
| Cotton yarn, purchased:     |             |             |             |
| Pounds.....                 | 2,254,334   | 1,910,717   | 926,469     |
| Cost.....                   | \$414,199   | \$329,655   | \$117,456   |
| Cotton waste, purchased:    |             |             |             |
| Pounds.....                 | 952,245     | 916,992     | .....       |
| Cost.....                   | \$50,917    | \$46,528    | .....       |
| Starch.....                 | \$2,924     | \$4,208     | \$5,476     |
| Fuel and rent of power..... | \$36,911    | \$76,769    | \$55,082    |
| All other materials.....    | \$226,362   | \$122,378   | \$217,253   |

Of the total cost of materials used, raw cotton represented 80.5 per cent in 1909, which was a less proportion of the total than was reported in 1904 and 1899, when the per cents were 85 and 87, respectively. All the raw cotton used was domestic.

The following is a statement of the products reported for the industry at the last three censuses:

| PRODUCT.                         | 1909        | 1904        | 1899        |
|----------------------------------|-------------|-------------|-------------|
| Total cost .....                 | \$5,522,293 | \$5,244,742 | \$5,423,251 |
| Duck:                            |             |             |             |
| Square yards.....                | 13,872,294  | 14,148,404  | 25,139,642  |
| Value.....                       | \$3,478,113 | \$3,622,713 | \$4,036,603 |
| Other cloth:                     |             |             |             |
| Square yards.....                | 7,556,494   | 8,652,972   | 8,770,940   |
| Value.....                       | \$958,335   | \$934,074   | \$607,185   |
| Cotton yarns and twine for sale: |             |             |             |
| Pounds.....                      | 4,479,173   | 2,871,451   | 2,745,548   |
| Value.....                       | \$703,310   | \$431,076   | \$390,325   |
| All other products.....          | \$382,535   | \$356,879   | \$389,138   |

With the exception of duck, which shows a decrease, the value of each of the different specified classes of products shows an increase in 1909 over 1904. The quantity of duck and of other cloth manufactured shows a decrease. Cotton yarns and twine for sale show a gain in 1909 over 1904, amounting to 1,607,722 pounds, or 56 per cent in quantity, and \$272,234, or 63.2 per cent in value.

**Shipbuilding, including boat building.**—This industry includes the building of both iron and steel and wood vessels, as well as small craft of all kind and the repairs to such vessels.

The number and tonnage of all vessels launched in 1909, 1904, and 1899 are shown by classes below:

|   | 1909     |                | 1904     |                | 1899     |                |
|---|----------|----------------|----------|----------------|----------|----------------|
|   | Num-ber. | Gross tonnage. | Num-ber. | Gross tonnage. | Num-ber. | Gross tonnage. |
| Total.....  | 129      | 34,160         | 111      | 32,008         | 91       | 23,377         |
| 5 tons gross and over:                                |          |                |          |                |          |                |
| Iron and steel—                                       |          |                |          |                |          |                |
| Steam.....  | 5        | 17,473         | 10       | 10,170         | 14       | 15,173         |
| Sail.....   | 1        | 1,034          | .....    | .....          | .....    | .....          |
| Unrigged.....   | 3        | 650            | 2        | 1,052          | .....    | .....          |
| Wooden—   |          |                |          |                |          |                |
| Steam.....  | 2        | 260            | 10       | 1,550          | 9        | 1,701          |
| Motor.....  | 3        | 45             | .....    | .....          | .....    | .....          |
| Sail.....   | 8        | 664            | 4        | 324            | 24       | 466            |
| Unrigged.....   | 30       | 14,034         | 46       | 18,847         | 29       | 12,027         |
| Small power boats, all kinds, under 5 tons gross..... | 77       | .....          | 39       | .....          | 15       | .....          |

The foregoing table shows that the gross tonnage of all vessels launched grew steadily during the period from 1899 to 1909. The growth in number of vessels launched increased much more rapidly than did the gross tonnage.

In addition to the vessels shown in the table, there were sailboats, rowboats, canoes, and scows built, each of which were of less than 5 tons gross register, representing a total value of \$46,632 in 1909, \$12,140 in 1904, and \$19,864 in 1899. The amounts received for repair work were \$985,112, \$1,010,622, and \$1,138,420, respectively, for the three years.

**Laundries.**—Statistics for steam laundries are not included in the general tables or in the totals for manufacturing industries. There were 41 such establishments in the state of Maryland, 18 of which were in Baltimore, 4 in Cumberland, 2 in Hagerstown, and 2 in Frederick.

The following statement summarizes the statistics:

|                                      |           |
|--------------------------------------|-----------|
| Number of establishments.....        | 41        |
| Persons engaged in the industry..... | 1,497     |
| Proprietors and firm members.....    | 44        |
| Salaried employees.....              | 175       |
| Wage earners (average number).....   | 1,278     |
| Primary horsepower.....              | 1,091     |
| Capital.....                         | \$643,458 |
| Expenses.....                        | 834,814   |
| Services.....                        | 466,569   |
| Materials.....                       | 155,695   |
| Miscellaneous.....                   | 212,550   |
| Amount received for work done.....   | 993,766   |

The most common form of organization was the individual, with 19 establishments. The firm and corporate forms of ownership were each represented by 11 establishments. Ten establishments had receipts for the year's business of less than \$5,000; 15, \$5,000 but less than \$20,000; 14, \$20,000 but less than \$100,000; and 2, \$100,000 but less than \$1,000,000.

The number of wage earners employed each month and the per cent which this number represented of the greatest number employed in any month were as follows:

| MONTH.        | WAGE EARNERS. |                      | MONTH.         | WAGE EARNERS. |                      |
|---------------|---------------|----------------------|----------------|---------------|----------------------|
|               | Number.       | Per cent of maximum. |                | Number.       | Per cent of maximum. |
| January.....  | 1,257         | 96.4                 | July.....      | 1,238         | 98.8                 |
| February..... | 1,252         | 96.0                 | August.....    | 1,237         | 98.7                 |
| March.....    | 1,260         | 96.6                 | September..... | 1,233         | 98.4                 |
| April.....    | 1,205         | 97.0                 | October.....   | 1,300         | 99.7                 |
| May.....      | 1,235         | 98.5                 | November.....  | 1,304         | 100.0                |
| June.....     | 1,272         | 97.5                 | December.....  | 1,235         | 98.5                 |

The different kinds of primary power, the number of engines or motors, and the horsepower used in 1909 are shown in the following tabular statement:

| KIND.                          | Number of engines or motors. | Horse-power. |
|--------------------------------|------------------------------|--------------|
| Primary horsepower, total..... | .....                        | 1,091        |
| Owned:                         |                              |              |
| Steam.....                     | 39                           | 1,019        |
| Gas.....                       | 1                            | 4            |
| Rented:                        |                              |              |
| Electric.....                  | 11                           | 8            |
| Other.....                     | .....                        | 60           |

The kind and amount of fuel used are shown in the next table.

| KIND.                | Unit.           | Quantity. |
|----------------------|-----------------|-----------|
| Anthracite coal..... | Tons.....       | 1,067     |
| Bituminous coal..... | Tons.....       | 10,390    |
| Wood.....            | Cords.....      | 7         |
| Oil.....             | Barrels.....    | 29        |
| Gas.....             | 1,000 feet..... | 4,089     |

Custom sawmills and gristmills.—Statistics for custom sawmills and gristmills are not included in the general tables or in the totals for manufacturing industries, but are presented in the summary in the next column.

|                                      | Custom sawmills. | Custom gristmills. |
|--------------------------------------|------------------|--------------------|
| Number of establishments.....        | 126              | 114                |
| Persons engaged in the industry..... | 435              | 148                |
| Proprietors and firm members.....    | 158              | 129                |
| Salaried employees.....              | 1                | 1                  |
| Wage earners (average number).....   | 276              | 18                 |
| Total primary horsepower.....        | 2,492            | 2,123              |
| Capital.....                         | \$196,099        | \$181,625          |
| Expenses.....                        | 90,839           | 414,439            |
| Services.....                        | 69,779           | 5,722              |
| Materials.....                       | 2,157            | 1,399,939          |
| Miscellaneous.....                   | 18,903           | 8,778              |
| Value of products.....               | 173,450          | 1,484,793          |

<sup>1</sup> Includes estimate of all grain ground.

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899.

THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.

| INDUSTRY.   | Census. | Number of establishments. | PERSONS ENGAGED IN INDUSTRY. |                               |                     |                                | Primary horse-power. | Capital.  | Salaries. | Wages.   | Cost of materials. | Value of products. | Value added by manufacture. |
|---|---------|---------------------------|------------------------------|-------------------------------|---------------------|--------------------------------|----------------------|-----------|-----------|----------|--------------------|--------------------|-----------------------------|
|   |         |                           | Total.                       | Proprietors and firm members. | Salaried employees. | Wage earners (average number). |                      |           |           |          |                    |                    |                             |
|   |         |                           | Expressed in thousands.      |                               |                     |                                |                      |           |           |          |                    |                    |                             |
| STATE—All industries.....   | 1909    | 4,837                     | 125,489                      | 5,376                         | 12,192              | 107,921                        | 218,244              | \$251,227 | \$13,617  | \$45,436 | \$199,049          | \$315,669          | \$116,620                   |
|   | 1904    | 3,852                     | 107,303                      | 4,505                         | 8,624               | 94,174                         | 165,449              | 201,878   | 8,844     | 36,144   | 150,024            | 243,376            | 93,352                      |
|   | 1899    | 3,886                     |                              |                               | 6,741               | 94,170                         | 132,052              | 149,155   | 6,845     | 32,414   | 129,354            | 211,076            | 81,732                      |
| Baking powders and yeast.....   | 1909    | 7                         | 201                          | 3                             | 52                  | 146                            | 322                  | 251       | 47        | 49       | 489                | 840                | 351                         |
|   | 1904    | 6                         | 229                          | 10                            | 44                  | 175                            | 296                  | 256       | 44        | 65       | 282                | 435                | 275                         |
|   | 1899    | 7                         | 156                          | 7                             | 43                  | 108                            | .....                | 98        | 42        | 34       | 219                | 345                | 126                         |
| Baskets, and rattan and willow ware.....                                    | 1909    | 25                        | 586                          | 26                            | 34                  | 526                            | 502                  | 317       | 27        | 112      | 227                | 471                | 244                         |
|   | 1904    | 21                        | 108                          | 20                            | 13                  | 75                             | 60                   | 57        | 15        | 28       | 53                 | 124                | 71                          |
|   | 1899    | 17                        |                              |                               | 7                   | 134                            | .....                | 76        | 4         | 30       | 74                 | 145                | 71                          |
| Belting and hose, woven and rubber.....                                     | 1909    | 4                         | 315                          | 1                             | 35                  | 279                            | 305                  | 320       | 49        | 87       | 995                | 1,318              | 323                         |
|   | 1904    | 4                         | 255                          | 1                             | 31                  | 223                            | 223                  | 580       | 43        | 71       | 490                | 765                | 275                         |
| Boots and shoes, including out stock and findings.                          | 1909    | 14                        | 670                          | 11                            | 65                  | 594                            | 252                  | 678       | 64        | 239      | 912                | 1,431              | 519                         |
|   | 1904    | 20                        | 756                          | 20                            | 55                  | 681                            | 132                  | 445       | 44        | 247      | 546                | 1,040              | 494                         |
|   | 1899    | 20                        |                              |                               | 61                  | 920                            | .....                | 551       | 54        | 299      | 769                | 1,261              | 492                         |
| Boxes, cigar.....   | 1909    | 9                         | 183                          | 10                            | 6                   | 107                            | 145                  | 117       | 8         | 45       | 110                | 194                | 84                          |
|   | 1904    | 8                         | 125                          | 9                             | 1                   | 113                            | 55                   | 78        | 1         | 38       | 68                 | 134                | 66                          |
|   | 1899    | 10                        | 109                          | 10                            | 3                   | 90                             | .....                | 62        | 2         | 30       | 57                 | 108                | 51                          |
| Boxes, fancy and paper.....   | 1909    | 17                        | 770                          | 15                            | 71                  | 684                            | 365                  | 733       | 61        | 183      | 305                | 853                | 458                         |
|   | 1904    | 15                        | 587                          | 20                            | 65                  | 502                            | 219                  | 519       | 25        | 132      | 221                | 496                | 275                         |
|   | 1899    | 11                        | 401                          | 13                            | 32                  | 356                            | .....                | 136       | 16        | 78       | 126                | 296                | 170                         |
| Brass and bronze products.....  | 1909    | 17                        | 267                          | 11                            | 37                  | 219                            | 243                  | 340       | 61        | 98       | 432                | 748                | 316                         |
|   | 1904    | 9                         | 130                          | 7                             | 16                  | 107                            | 153                  | 134       | 26        | 44       | 182                | 318                | 188                         |
|   | 1899    | 10                        | 166                          | 9                             | 22                  | 135                            | .....                | 156       | 24        | 47       | 192                | 300                | 168                         |
| Bread and other bakery products.....  | 1909    | 516                       | 2,820                        | 545                           | 313                 | 1,962                          | 1,212                | 3,214     | 202       | 893      | 4,383              | 6,868              | 2,505                       |
|   | 1904    | 428                       | 2,292                        | 444                           | 157                 | 1,691                          | 766                  | 1,921     | 113       | 763      | 3,087              | 5,159              | 2,062                       |
|   | 1899    | 415                       |                              |                               | 180                 | 1,581                          | .....                | 1,870     | 117       | 588      | 2,271              | 3,976              | 1,705                       |
| Brick and tile.....   | 1909    | 40                        | 1,331                        | 36                            | 69                  | 1,226                          | 4,815                | 5,117     | 77        | 463      | 249                | 971                | 723                         |
|   | 1904    | 50                        | 1,590                        | 50                            | 76                  | 1,494                          | 4,353                | 5,337     | 73        | 534      | 227                | 1,087              | 870                         |
|   | 1899    | 45                        | 1,608                        | 50                            | 57                  | 1,501                          | 2,613                | 3,093     | 52        | 453      | 156                | 344                | 668                         |
| Butter, cheese, and condensed milk.....                                     | 1909    | 44                        | 137                          | 54                            | 14                  | 69                             | 522                  | 257       | 10        | 39       | 524                | 654                | 180                         |
|   | 1904    | 55                        | 156                          | 71                            | 5                   | 80                             | 876                  | 178       | 2         | 29       | 399                | 519                | 120                         |
|   | 1899    | 34                        | 222                          | 91                            | 18                  | 113                            | 300                  | 234       | 7         | 34       | 558                | 694                | 136                         |
| Canning and preserving.....   | 1909    | 468                       | 9,755                        | 655                           | 487                 | 8,613                          | 7,007                | 8,377     | 351       | 1,026    | 10,090             | 13,709             | 3,619                       |
|   | 1904    | 408                       | 10,167                       | 582                           | 439                 | 9,146                          | 5,709                | 7,151     | 332       | 1,790    | 9,173              | 12,935             | 3,762                       |
|   | 1899    | 297                       |                              |                               | 296                 | 9,223                          | .....                | 5,308     | 287       | 1,772    | 10,627             | 14,533             | 3,906                       |
| Carriages and wagons and materials.....                                     | 1909    | 126                       | 960                          | 154                           | 49                  | 757                            | 879                  | 1,192     | 45        | 372      | 541                | 1,330              | 789                         |
|   | 1904    | 119                       | 1,158                        | 160                           | 52                  | 946                            | 985                  | 1,219     | 37        | 415      | 698                | 1,485              | 787                         |
|   | 1899    | 115                       |                              |                               | 33                  | 769                            | .....                | 777       | 25        | 294      | 385                | 991                | 606                         |
| Cars and general shop construction and repairs by steam-railroad companies. | 1909    | 21                        | 5,926                        | .....                         | 377                 | 5,549                          | 7,308                | 4,264     | 283       | 3,535    | 5,193              | 9,059              | 3,866                       |
|   | 1904    | 21                        | 5,203                        | .....                         | 226                 | 4,977                          | 4,245                | 2,303     | 205       | 2,837    | 2,610              | 5,752              | 3,142                       |
|   | 1899    | 19                        | 3,764                        | .....                         | 134                 | 3,020                          | 3,438                | 2,878     | 101       | 1,850    | 2,507              | 4,573              | 2,006                       |
| Chemicals.....  | 1909    | 3                         | 316                          | .....                         | 31                  | 285                            | 1,855                | 1,676     | 37        | 158      | 684                | 1,313              | 629                         |
|   | 1904    | 3                         | 366                          | .....                         | 41                  | 323                            | 625                  | 1,628     | 52        | 141      | 589                | 1,082              | 493                         |
|   | 1899    | 7                         | 511                          | .....                         | 33                  | 475                            | 455                  | 1,806     | 51        | 246      | 782                | 1,271              | 499                         |
| Clothing, men's, including shirts.....                                      | 1909    | 359                       | 21,946                       | 496                           | 1,696               | 19,784                         | 4,061                | 19,578    | 1,801     | 7,503    | 20,966             | 36,921             | 15,955                      |
|   | 1904    | 157                       | 15,274                       | 272                           | 1,153               | 13,849                         | 2,185                | 12,766    | 1,010     | 4,110    | 14,772             | 25,653             | 10,881                      |
|   | 1899    | 137                       |                              |                               | 919                 | 13,336                         | .....                | 9,781     | 855       | 3,879    | 12,694             | 21,306             | 8,612                       |
| Clothing, women's.....  | 1909    | 72                        | 3,030                        | 105                           | 284                 | 2,841                          | 370                  | 1,694     | 271       | 888      | 2,285              | 4,351              | 2,066                       |
|   | 1904    | 56                        | 2,120                        | 82                            | 153                 | 1,891                          | 233                  | 1,215     | 128       | 601      | 1,699              | 3,195              | 1,496                       |
|   | 1899    | 61                        | 2,426                        | 100                           | 151                 | 2,175                          | 247                  | 841       | 128       | 563      | 1,374              | 2,688              | 1,312                       |
| Confectionery.....  | 1909    | 54                        | 1,888                        | 48                            | 267                 | 1,573                          | 1,424                | 2,753     | 285       | 463      | 3,102              | 5,082              | 1,920                       |
|   | 1904    | 44                        | 1,286                        | 43                            | 184                 | 1,054                          | 800                  | 1,155     | 170       | 294      | 1,517              | 2,618              | 1,101                       |
|   | 1899    | 43                        |                              |                               | 134                 | 853                            | .....                | 807       | 116       | 253      | 1,166              | 1,940              | 784                         |
| Cooperage and wooden goods, not elsewhere specified.                        | 1909    | 40                        | 384                          | 46                            | 15                  | 323                            | 441                  | 428       | 20        | 135      | 358                | 617                | 259                         |
|   | 1904    | 29                        | 437                          | 39                            | 17                  | 381                            | 332                  | 390       | 14        | 196      | 427                | 765                | 338                         |
|   | 1899    | 32                        |                              |                               | 17                  | 374                            | .....                | 388       | 11        | 156      | 357                | 639                | 282                         |
| Copper, tin, and sheet-iron products.....                                   | 1909    | 81                        | 5,690                        | 76                            | 629                 | 5,275                          | 5,532                | 24,719    | 817       | 2,076    | 10,808             | 16,909             | 6,101                       |
|   | 1904    | 75                        | 3,054                        | 77                            | 250                 | 2,727                          | 1,523                | 16,465    | 421       | 987      | 6,096              | 9,283              | 3,167                       |
|   | 1899    | 72                        |                              |                               | 149                 | 3,240                          | .....                | 4,120     | 122       | 1,062    | 4,760              | 7,003              | 2,243                       |
| Cotton goods, including cotton small wares...                               | 1909    | 16                        | 4,077                        | 3                             | 108                 | 3,966                          | 13,128               | 9,024     | 152       | 1,130    | 4,012              | 5,523              | 1,510                       |
|   | 1904    | 12                        | 4,101                        | 8                             | 100                 | 3,993                          | 11,995               | 6,955     | 93        | 934      | 8,873              | 5,245              | 1,372                       |
|   | 1899    | 14                        | 4,818                        | 7                             | 84                  | 4,727                          | 10,864               | 7,709     | 133       | 1,186    | 3,039              | 5,423              | 2,384                       |
| Fertilizers.....  | 1909    | 41                        | 1,750                        | 36                            | 275                 | 1,439                          | 5,324                | 9,098     | 418       | 617      | 6,963              | 9,673              | 2,710                       |
|   | 1904    | 39                        | 1,500                        | 38                            | 206                 | 1,256                          | 3,984                | 6,058     | 230       | 524      | 4,992              | 6,632              | 1,640                       |
|   | 1899    | 40                        | 1,265                        | 37                            | 212                 | 1,016                          | 3,442                | 7,003     | 246       | 458      | 3,644              | 5,482              | 1,838                       |
| Flour-mill and gristmill products.....                                      | 1909    | 295                       | 935                          | 336                           | 93                  | 508                            | 13,807               | 3,729     | 93        | 227      | 8,003              | 9,268              | 1,265                       |
|   | 1904    | 202                       | 890                          | 249                           | 91                  | 550                            | 10,663               | 2,717     | 73        | 213      | 6,210              | 7,318              | 1,106                       |
|   | 1899    | 198                       |                              |                               | 85                  | 500                            | 10,097               | 3,006     | 80        | 212      | 6,103              | 7,238              | 1,135                       |

† Figures can not be shown without disclosing individual operations.

‡ Excluding statistics for two establishments, to avoid disclosure of individual operations.

§ Excluding statistics for one establishment, to avoid disclosure of individual operations.

STATISTICS OF MANUFACTURES.

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TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

| INDUSTRY.   | Census. | Number of establishments. | PERSONS ENGAGED IN INDUSTRY. |                               |                    |                                |        | Primary horse-power. | Capital. | Salaries. | Wages.  | Cost of materials. | Value of products. | Value added by manufacture. |
|---|---------|---------------------------|------------------------------|-------------------------------|--------------------|--------------------------------|--------|----------------------|----------|-----------|---------|--------------------|--------------------|-----------------------------|
|   |         |                           | Total.                       | Proprietors and firm members. | Salaries employed. | Wage earners (average number). |        |                      |          |           |         |                    |                    |                             |
| Expressed in thousands.                                     |         |                           |                              |                               |                    |                                |        |                      |          |           |         |                    |                    |                             |
| <b>STATE—Continued.</b>                                     |         |                           |                              |                               |                    |                                |        |                      |          |           |         |                    |                    |                             |
| Foundry and machine-shop products.....                      | 1909    | 157                       | 5,520                        | 160                           | 562                | 4,795                          | 6,785  | \$10,324             | \$718    | \$2,751   | \$5,953 | \$11,978           | \$6,022            |                             |
|   | 1904    | 118                       | 5,451                        | 117                           | 435                | 4,899                          | 5,627  | 8,274                | 431      | 2,810     | 3,946   | 10,586             | 6,640              |                             |
|   | 1899    | 136                       |                              |                               | 404                | 5,615                          |        | 8,033                | 442      | 2,729     | 4,080   | 9,940              | 5,860              |                             |
| Furniture and refrigerators.....                            | 1909    | 48                        | 2,133                        | 68                            | 209                | 1,856                          | 2,876  | 2,507                | 199      | 835       | 1,601   | 3,350              | 1,749              |                             |
|   | 1904    | 51                        | 2,525                        | 63                            | 182                | 2,280                          | 2,859  | 2,291                | 198      | 959       | 1,624   | 3,445              | 1,821              |                             |
|   | 1899    | 42                        | 2,065                        | 55                            | 141                | 1,899                          | 1,851  | 1,585                | 118      | 823       | 1,212   | 2,976              | 1,764              |                             |
| Gas, illuminating and heating.....                          | 1909    | 18                        | 817                          | 4                             | 337                | 476                            | 1,555  | 26,954               | 267      | 220       | 629     | 3,223              | 2,594              |                             |
|   | 1904    | 12                        | 416                          | 1                             | 188                | 227                            | 1,361  | 21,227               | 177      | 128       | 458     | 1,904              | 1,536              |                             |
|   | 1899    | 11                        | 321                          |                               | 84                 | 237                            | 469    | 18,554               | 85       | 137       | 481     | 1,797              | 1,316              |                             |
| Glass.....  | 1909    | 7                         | 1,105                        | 6                             | 47                 | 1,052                          | 427    | 887                  | 64       | 505       | 237     | 1,038              | 801                |                             |
|   | 1904    | 6                         | 682                          | 5                             | 28                 | 649                            | 426    | 523                  | 35       | 354       | 159     | 590                | 431                |                             |
|   | 1899    | 7                         | 777                          | 4                             | 31                 | 742                            | 230    | 581                  | 39       | 340       | 152     | 558                | 406                |                             |
| Hats and caps, other than felt, straw, and wool.            | 1909    | 17                        | 155                          | 24                            | 9                  | 122                            | 53     | 69                   | 4        | 66        | 90      | 208                | 118                |                             |
|   | 1904    | 11                        | 133                          | 14                            | 10                 | 109                            | 3      | 77                   | 4        | 58        | 98      | 213                | 115                |                             |
|   | 1899    |                           |                              |                               |                    |                                |        |                      |          |           |         |                    |                    |                             |
| Hats, straw.....  | 1909    | 7                         | 1,808                        | 4                             | 110                | 1,694                          | 930    | 2,607                | 296      | 688       | 1,788   | 3,347              | 1,564              |                             |
|   | 1904    | 6                         | 1,226                        | 6                             | 81                 | 1,139                          | 507    | 1,452                | 136      | 460       | 1,051   | 2,036              | 985                |                             |
|   | 1899    |                           |                              |                               |                    |                                |        |                      |          |           |         |                    |                    |                             |
| Hosiery and knit goods.....                                 | 1909    | 11                        | 1,062                        | 10                            | 30                 | 1,022                          | 460    | 930                  | 29       | 234       | 697     | 1,172              | 475                |                             |
|   | 1904    | 4                         | 919                          | 4                             | 39                 | 876                            | 405    | 639                  | 29       | 196       | 531     | 952                | 421                |                             |
|   | 1899    | 4                         | 712                          | 2                             | 28                 | 682                            | 160    | 312                  | 15       | 119       | 347     | 514                | 167                |                             |
| Ice, manufactured.....                                      | 1909    | 42                        | 466                          | 31                            | 80                 | 355                            | 7,192  | 2,552                | 83       | 230       | 300     | 1,022              | 722                |                             |
|   | 1904    | 27                        | 318                          | 15                            | 50                 | 253                            | 4,280  | 1,688                | 46       | 126       | 180     | 730                | 550                |                             |
|   | 1899    | 18                        | 163                          | 6                             | 19                 | 138                            | 2,140  | 650                  | 15       | 75        | 84      | 359                | 275                |                             |
| Jewelry.....  | 1909    | 15                        | 121                          | 20                            | 11                 | 90                             | 46     | 202                  | 9        | 57        | 132     | 257                | 125                |                             |
|   | 1904    | 12                        | 102                          | 14                            | 7                  | 81                             | 24     | 193                  | 6        | 45        | 78      | 188                | 110                |                             |
|   | 1899    | 8                         | 87                           | 8                             | 4                  | 75                             |        | 170                  | 3        | 43        | 108     | 212                | 104                |                             |
| Leather goods.....  | 1909    | 43                        | 439                          | 48                            | 65                 | 326                            | 182    | 682                  | 55       | 150       | 607     | 1,043              | 436                |                             |
|   | 1904    | 34                        | 552                          | 39                            | 76                 | 437                            | 212    | 698                  | 55       | 168       | 505     | 1,012              | 507                |                             |
|   | 1899    | 40                        |                              | 67                            | 67                 | 502                            |        | 712                  | 50       | 159       | 609     | 1,004              | 395                |                             |
| Leather, tanned, curried, and finished.....                 | 1909    | 13                        | 523                          | 15                            | 42                 | 466                            | 1,321  | 2,208                | 80       | 211       | 2,114   | 2,661              | 547                |                             |
|   | 1904    | 17                        | 583                          | 28                            | 24                 | 531                            | 982    | 2,019                | 37       | 218       | 1,483   | 1,911              | 428                |                             |
|   | 1899    | 22                        | 501                          | 28                            | 18                 | 455                            | 1,008  | 1,089                | 17       | 156       | 1,411   | 1,754              | 343                |                             |
| Lime.....   | 1909    | 43                        | 473                          | 43                            | 33                 | 397                            | 942    | 833                  | 20       | 128       | 132     | 420                | 288                |                             |
|   | 1904    | 25                        | 382                          | 25                            | 22                 | 385                            | 357    | 539                  | 13       | 100       | 106     | 398                | 292                |                             |
|   | 1899    |                           |                              |                               |                    |                                |        |                      |          |           |         |                    |                    |                             |
| Liquors, distilled.....                                     | 1909    | 25                        | 387                          | 10                            | 101                | 276                            | 2,685  | 4,863                | 215      | 142       | 1,149   | 5,362              | 4,213              |                             |
|   | 1904    | 27                        | 412                          | 21                            | 87                 | 304                            | 2,894  | 3,719                | 152      | 201       | 1,399   | 2,567              | 1,168              |                             |
|   | 1899    | 26                        | 248                          | 19                            | 43                 | 186                            | 1,130  | 2,326                | 74       | 95        | 815     | 1,616              | 801                |                             |
| Liquors, malt.....  | 1909    | 20                        | 1,095                        | 7                             | 179                | 909                            | 6,187  | 8,834                | 369      | 711       | 1,569   | 5,690              | 4,121              |                             |
|   | 1904    | 21                        | 988                          | 5                             | 163                | 820                            | 5,963  | 6,486                | 277      | 599       | 1,302   | 4,967              | 3,665              |                             |
|   | 1899    | 16                        | 922                          | 9                             | 161                | 752                            | 4,650  | 13,857               | 263      | 484       | 879     | 4,134              | 3,255              |                             |
| Lumber and timber products.....                             | 1909    | 561                       | 8,165                        | 718                           | 444                | 7,003                          | 23,553 | 9,182                | 417      | 2,457     | 6,507   | 12,134             | 5,627              |                             |
|   | 1904    | 301                       | 5,851                        | 400                           | 302                | 5,149                          | 16,740 | 5,432                | 259      | 1,959     | 4,906   | 8,937              | 4,031              |                             |
|   | 1899    | 322                       |                              | 206                           | 206                | 5,102                          |        | 5,587                | 143      | 1,540     | 4,349   | 7,847              | 3,498              |                             |
| Marble and stone work.....                                  | 1909    | 89                        | 1,658                        | 85                            | 118                | 1,455                          | 4,241  | 2,164                | 198      | 793       | 957     | 2,427              | 1,470              |                             |
|   | 1904    | 42                        | 1,232                        | 53                            | 88                 | 1,091                          | 1,414  | 1,327                | 200      | 680       | 875     | 2,244              | 1,369              |                             |
|   | 1899    | 36                        |                              | 51                            | 51                 | 1,111                          |        | 798                  | 66       | 522       | 530     | 1,442              | 912                |                             |
| Mattresses and spring beds.....                             | 1909    | 19                        | 252                          | 20                            | 34                 | 198                            | 178    | 373                  | 29       | 86        | 469     | 729                | 260                |                             |
|   | 1904    | 20                        | 223                          | 25                            | 24                 | 174                            | 116    | 256                  | 24       | 75        | 365     | 578                | 213                |                             |
|   | 1899    | 15                        |                              | 19                            | 19                 | 110                            |        | 173                  | 14       | 42        | 138     | 258                | 120                |                             |
| Millinery and lace goods.....                               | 1909    | 14                        | 300                          | 16                            | 41                 | 243                            | 42     | 213                  | 26       | 74        | 172     | 389                | 217                |                             |
|   | 1904    | 8                         | 197                          | 10                            | 24                 | 163                            | 11     | 77                   | 13       | 35        | 119     | 193                | 74                 |                             |
|   | 1899    | 11                        | 306                          | 17                            | 23                 | 266                            |        | 187                  | 15       | 81        | 138     | 298                | 160                |                             |
| Musical instruments, pianos and organs and materials.       | 1909    | 7                         | 833                          | 8                             | 68                 | 757                            | 613    | 2,301                | 82       | 464       | 566     | 1,466              | 900                |                             |
|   | 1904    | 8                         | 725                          | 13                            | 67                 | 645                            | 689    | 1,742                | 127      | 356       | 244     | 1,389              | 1,145              |                             |
|   | 1899    | 9                         | 574                          | 10                            | 41                 | 523                            | 553    | 1,253                | 47       | 263       | 404     | 942                | 538                |                             |
| Paint and varnish.....                                      | 1909    | 12                        | 190                          | 20                            | 43                 | 127                            | 450    | 503                  | 35       | 55        | 700     | 1,001              | 301                |                             |
|   | 1904    | 11                        | 263                          | 16                            | 55                 | 182                            | 509    | 444                  | 51       | 74        | 411     | 681                | 270                |                             |
|   | 1899    | 16                        | 181                          | 24                            | 35                 | 122                            | 380    | 339                  | 33       | 33        | 300     | 507                | 207                |                             |
| Paper and wood pulp.....                                    | 1909    | 13                        | 1,349                        | 15                            | 85                 | 1,249                          | 11,407 | 8,399                | 140      | 639       | 3,278   | 4,894              | 1,616              |                             |
|   | 1904    | 16                        | 1,074                        | 19                            | 47                 | 1,008                          | 7,343  | 6,350                | 76       | 397       | 2,453   | 3,296              | 843                |                             |
|   | 1899    | 21                        | 983                          | 11                            | 35                 | 937                            | 8,503  | 2,721                | 59       | 826       | 1,731   | 2,590              | 859                |                             |
| Patent medicines and compounds and druggists' preparations. | 1909    | 83                        | 1,846                        | 62                            | 591                | 1,193                          | 683    | 4,114                | 749      | 429       | 2,167   | 5,548              | 3,331              |                             |
|   | 1904    | 74                        | 1,319                        | 75                            | 273                | 971                            | 779    | 3,223                | 373      | 236       | 1,839   | 4,339              | 3,000              |                             |
|   | 1899    | 62                        |                              | 345                           | 345                | 963                            |        | 1,474                | 444      | 230       | 1,252   | 3,245              | 1,933              |                             |
| Pottery, terra-cotta, and fire-clay products....            | 1909    | 16                        | 799                          | 12                            | 67                 | 720                            | 1,336  | 973                  | 71       | 316       | 206     | 757                | 551                |                             |
|   | 1904    | 16                        | 997                          | 14                            | 58                 | 925                            | 1,484  | 1,148                | 55       | 389       | 138     | 852                | 714                |                             |
|   | 1899    | 18                        | 1,144                        | 15                            | 47                 | 1,032                          | 663    | 1,081                | 44       | 335       | 196     | 835                | 639                |                             |

1 Excluding statistics for two establishments, to avoid disclosure of individual operations.  
 2 Excluding statistics for one establishment, to avoid disclosure of individual operations.  
 3 Figures not comparable.  
 4 Not reported separately.

TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.  
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

| INDUSTRY.  | Census. | Number of establishments. | PERSONS ENGAGED IN INDUSTRY. |                               |                    |                                | Primary horse-power. | Capital. | Salaries. | Wages.  | Cost of materials. | Value of products. | Value added by manufacture. |
|--|---------|---------------------------|------------------------------|-------------------------------|--------------------|--------------------------------|----------------------|----------|-----------|---------|--------------------|--------------------|-----------------------------|
|  |         |                           | Total.                       | Proprietors and firm members. | Salaried employes. | Wage earners (average number). |                      |          |           |         |                    |                    |                             |
| Expressed in thousands.                            |         |                           |                              |                               |                    |                                |                      |          |           |         |                    |                    |                             |
| <b>STATE—Continued.</b>                            |         |                           |                              |                               |                    |                                |                      |          |           |         |                    |                    |                             |
| Printing and publishing.....                       | 1909    | 371                       | 4,942                        | 365                           | 1,191              | 3,386                          | 3,694                | \$0,675  | \$1,264   | \$1,965 | \$2,464            | \$3,360            | \$5,896                     |
|  | 1904    | <sup>1</sup> 330          | 4,261                        | 354                           | 936                | 2,971                          | 2,434                | 5,068    | 355       | 1,511   | 1,732              | 6,317              | 4,585                       |
|  | 1899    | <sup>1</sup> 333          | 4,328                        | 384                           | 596                | 3,348                          |                      | 4,455    | 556       | 1,609   | 1,630              | 5,587              | 3,948                       |
| Shipbuilding, including boat building.....         | 1909    | 46                        | 1,968                        | 47                            | 128                | 1,798                          | 6,795                | 4,413    | 160       | 1,098   | 1,840              | 3,535              | 1,686                       |
|  | 1904    | 35                        | 2,959                        | 47                            | 140                | 2,772                          | 5,215                | 4,226    | 173       | 1,340   | 1,785              | 4,541              | 2,756                       |
|  | 1899    | 38                        |                              |                               | 93                 | 2,581                          | 2,170                | 4,424    | 104       | 1,603   | 1,787              | 4,116              | 2,329                       |
| Silk and silk goods, including throwsters.....     | 1909    | 4                         | 681                          | 2                             | 24                 | 655                            | 915                  | 488      | 32        | 160     | 237                | 512                | 275                         |
|  | 1904    | 3                         | 188                          |                               | 13                 | 175                            | 765                  | 421      | 9         | 48      | 171                | 273                | 102                         |
|  | 1899    |                           |                              |                               |                    |                                |                      |          |           |         |                    |                    |                             |
| Silverware and plated ware.....                    | 1909    | 10                        | 215                          | 5                             | 11                 | 199                            | 201                  | 322      | 15        | 121     | 115                | 355                | 240                         |
|  | 1904    | <sup>2</sup> 6            | 237                          | 9                             | 20                 | 208                            | 166                  | 307      | 25        | 111     | 110                | 303                | 198                         |
|  | 1899    | 8                         |                              |                               | 20                 | 167                            |                      | 316      | 19        | 85      | 106                | 272                | 166                         |
| Slaughtering and meat packing.....                 | 1909    | 54                        | 1,324                        | 61                            | 229                | 1,034                          | 3,024                | 3,808    | 265       | 604     | 11,503             | 13,683             | 2,180                       |
|  | 1904    | 44                        | 833                          | 61                            | 60                 | 562                            | 1,204                | 1,322    | 58        | 320     | 5,888              | 6,848              | 960                         |
|  | 1899    | 50                        |                              |                               | 43                 | 465                            |                      | 1,213    | 28        | 220     | 5,730              | 6,391              | 661                         |
| Stoves and furnaces, including gas and oil stoves. | 1909    | 8                         | 471                          | 4                             | 73                 | 394                            | 273                  | 754      | 80        | 209     | 205                | 676                | 471                         |
|  | 1904    | <sup>2</sup> 5            | 405                          | 3                             | 53                 | 349                            | 187                  | 704      | 58        | 196     | 197                | 646                | 449                         |
|  | 1899    |                           |                              |                               |                    |                                |                      |          |           |         |                    |                    |                             |
| Tobacco manufactures.....                          | 1909    | 263                       | 4,098                        | 291                           | 331                | 3,476                          | 559                  | 6,644    | 375       | 1,229   | 5,666              | 10,559             | 4,893                       |
|  | 1904    |                           |                              |                               |                    |                                |                      |          |           |         |                    |                    |                             |
|  | 1899    | 386                       |                              |                               | 275                | 4,310                          |                      | 3,324    | 365       | 1,306   | 3,535              | 9,894              | 6,359                       |
| Umbrellas and canes.....                           | 1909    | 9                         | 640                          | 15                            | 111                | 514                            | 95                   | 827      | 144       | 168     | 1,076              | 1,650              | 574                         |
|  | 1904    | 9                         | 450                          | 14                            | 65                 | 371                            | 83                   | 468      | 40        | 94      | 800                | 1,271              | 471                         |
|  | 1899    | 11                        | 508                          | 23                            | 84                 | 401                            |                      | 393      | 61        | 110     | 748                | 1,098              | 350                         |
| All other industries.....                          | 1909    | 523                       | 15,427                       | 513                           | 1,811              | 13,103                         | 53,715               | 36,234   | 1,948     | 6,334   | 62,155             | 78,121             | 15,966                      |
|  | 1904    | 772                       | 19,769                       | 826                           | 1,632              | 17,311                         | 50,158               | 50,025   | 1,696     | 6,879   | 56,880             | 76,262             | 19,382                      |
|  | 1899    | 509                       |                              |                               | 1,108              | 16,169                         |                      | 21,888   | 1,243     | 5,507   | 44,083             | 59,776             | 15,083                      |

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.

|   |                   |                 |        |       |       |        |        |           |          |          |           |           |          |
|---|-------------------|-----------------|--------|-------|-------|--------|--------|-----------|----------|----------|-----------|-----------|----------|
| <b>BALTIMORE—All industries.....</b>  | 1909              | 2,502           | 83,473 | 2,680 | 9,369 | 71,444 | 76,764 | \$164,437 | \$10,571 | \$31,171 | \$107,024 | \$186,978 | \$79,954 |
|   | <sup>1</sup> 1904 | 2,158           | 74,234 | 2,432 | 6,752 | 65,050 |        | 146,961   | 6,997    | 25,507   | 80,555    | 150,171   | 69,616   |
|   | 1899              | 2,274           |        |       | 5,501 | 66,571 |        | 107,217   | 5,871    | 23,498   | 75,223    | 135,108   | 59,835   |
| Belting and hose, woven and rubber.....                                     | 1909              | 4               | 315    | 1     | 35    | 279    | 305    | 826       | 49       | 87       | 995       | 1,318     | 323      |
|   | 1904              | 4               | 255    | 1     | 31    | 223    |        | 580       | 43       | 71       | 490       | 765       | 275      |
|   | 1899              |                 |        |       |       |        |        |           |          |          |           |           |          |
| Boots and shoes, including cut stock and findings.                          | 1909              | 14              | 670    | 11    | 65    | 594    | 252    | 678       | 64       | 239      | 912       | 1,431     | 519      |
|   | 1904              | <sup>2</sup> 20 | 756    | 20    | 55    | 681    |        | 445       | 44       | 247      | 546       | 1,040     | 494      |
|   | 1899              | 28              |        |       | 44    | 870    |        | 520       | 50       | 279      | 728       | 1,197     | 469      |
| Bread and other bakery products.....  | 1909              | 375             | 2,323  | 396   | 295   | 1,632  | 976    | 2,666     | 198      | 750      | 3,639     | 5,716     | 2,077    |
|   | 1904              | 341             | 1,958  | 353   | 146   | 1,459  |        | 1,666     | 108      | 608      | 2,680     | 4,483     | 1,803    |
|   | 1899              | 336             |        |       | 176   | 1,417  |        | 1,669     | 116      | 536      | 2,099     | 3,447     | 1,548    |
| Canning and preserving.....   | 1909              | 51              | 3,480  | 49    | 245   | 3,166  | 1,283  | 3,885     | 238      | 844      | 4,317     | 5,831     | 1,514    |
|   | 1904              | <sup>2</sup> 45 | 4,429  | 45    | 272   | 4,112  |        | 3,728     | 254      | 979      | 4,365     | 6,226     | 1,861    |
|   | 1899              | 45              |        |       | 207   | 5,631  |        | 3,704     | 243      | 1,235    | 8,118     | 10,764    | 2,646    |
| Carriages and wagons and materials.....                                     | 1909              | 40              | 496    | 46    | 37    | 413    | 400    | 641       | 37       | 235      | 278       | 732       | 454      |
|   | 1904              | 57              | 638    | 78    | 20    | 540    |        | 682       | 15       | 262      | 340       | 828       | 483      |
|   | 1899              |                 |        |       |       |        |        |           |          |          |           |           |          |
| Cars and general shop construction and repairs by steam-railroad companies. | 1909              | 8               | 4,481  |       | 318   | 4,163  | 6,318  | 3,471     | 229      | 2,705    | 4,383     | 7,365     | 2,962    |
|   | 1904              | 7               | 3,865  |       | 153   | 3,712  |        | 1,589     | 141      | 2,164    | 2,084     | 4,473     | 2,394    |
|   | 1899              | 6               | 2,631  |       | 93    | 2,438  |        | 2,236     | 73       | 1,268    | 2,151     | 3,480     | 1,379    |
| Clothing, men's, including shirts.....                                      | 1909              | 324             | 20,670 | 453   | 1,621 | 18,596 | 3,785  | 19,283    | 1,768    | 7,326    | 20,672    | 36,269    | 15,597   |
|   | 1904              | 130             | 14,174 | 231   | 1,120 | 12,823 |        | 12,436    | 983      | 3,924    | 14,607    | 25,276    | 10,609   |
|   | 1899              | 155             |        |       | 883   | 12,044 |        | 9,549     | 839      | 3,661    | 12,535    | 20,343    | 8,308    |
| Clothing, women's.....  | 1909              | 69              | 2,953  | 99    | 282   | 2,572  | 348    | 1,686     | 270      | 878      | 2,279     | 4,333     | 2,054    |
|   | 1904              | 51              | 1,903  | 76    | 145   | 1,742  |        | 1,162     | 122      | 562      | 1,654     | 3,005     | 1,411    |
|   | 1899              | 58              | 2,125  | 96    | 150   | 1,879  |        | 829       | 128      | 505      | 1,261     | 2,507     | 1,246    |
| Confectionery.....  | 1909              | 50              | 1,867  | 45    | 258   | 1,564  | 1,416  | 2,701     | 277      | 459      | 3,116     | 5,011     | 1,895    |
|   | 1904              | 43              | 1,274  | 47    | 178   | 1,049  |        | 1,125     | 166      | 292      | 1,509     | 2,598     | 1,089    |
|   | 1899              | 42              |        |       | 134   | 858    |        | 777       | 116      | 252      | 1,144     | 1,924     | 780      |
| Copper, tin, and sheet-iron products.....                                   | 1909              | 58              | 4,734  | 55    | 507   | 4,172  | 4,297  | 20,655    | 662      | 1,675    | 8,172     | 12,333    | 4,661    |
|   | 1904              | 50              | 2,792  | 50    | 230   | 2,512  |        | 15,455    | 383      | 903      | 5,630     | 8,009     | 2,979    |
|   | 1899              | 59              |        |       | 133   | 2,745  |        | 3,690     | 120      | 806      | 4,047     | 5,933     | 1,886    |
| Foundry and machine-shop products.....                                      | 1909              | 101             | 4,245  | 94    | 432   | 3,719  | 4,576  | 7,863     | 544      | 2,205    | 4,204     | 9,074     | 4,870    |
|   | 1904              | <sup>2</sup> 81 | 4,278  | 79    | 352   | 3,847  |        | 6,740     | 354      | 2,295    | 2,890     | 8,366     | 5,560    |
|   | 1899              | <sup>2</sup> 94 |        |       | 320   | 4,265  |        | 6,579     | 300      | 2,274    | 2,862     | 7,548     | 4,686    |

<sup>1</sup> Excluding statistics for one establishment, to avoid disclosure of individual operations.

<sup>2</sup> Figures can not be shown without disclosing individual operations.

<sup>3</sup> Excluding statistics for two establishments, to avoid disclosure of individual operations.

<sup>4</sup> Not reported separately.

<sup>5</sup> Figures do not agree with those published in 1904, because it was necessary to revise the totals in order to include data only for those establishments located within the corporate limits of the city.

<sup>6</sup> Figures not comparable.



STATISTICS OF MANUFACTURES.

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TABLE I.—COMPARATIVE SUMMARY FOR 1909, 1904, AND 1899—Continued.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

| INDUSTRY AND CITY.   | Census. | Number of establishments. | PERSONS ENGAGED IN INDUSTRY. |                               |                    |                                | Primary horse-power. | Capital. | Salaries. | Wages. | Cost of materials. | Value of products. | Value added by manufacture. |
|--|---------|---------------------------|------------------------------|-------------------------------|--------------------|--------------------------------|----------------------|----------|-----------|--------|--------------------|--------------------|-----------------------------|
|  |         |                           | Total.                       | Proprietors and firm members. | Salaries employed. | Wage earners (average number). |                      |          |           |        |                    |                    |                             |
| Expressed in thousands.                                    |         |                           |                              |                               |                    |                                |                      |          |           |        |                    |                    |                             |
| <b>BALTIMORE—Continued.</b>                                |         |                           |                              |                               |                    |                                |                      |          |           |        |                    |                    |                             |
| Furniture and refrigerators                                | 1909    | 34                        | 1,358                        | 48                            | 153                | 1,157                          | 1,786                | \$1,825  | \$145     | \$548  | \$1,014            | \$2,197            | \$1,183                     |
|  | 1904    | 38                        | 1,985                        | 46                            | 183                | 1,776                          |                      | 1,901    | 186       | 799    | 1,297              | 2,854              | 1,557                       |
|  | 1899    | 36                        | 1,804                        | 48                            | 129                | 1,627                          |                      | 1,417    | 112       | 745    | 1,097              | 2,691              | 1,594                       |
| Hats, straw  | 1909    | 7                         | 1,808                        | 4                             | 110                | 1,694                          | 930                  | 2,607    | 296       | 688    | 1,783              | 3,347              | 1,664                       |
|  | 1904    | 6                         | 1,226                        | 6                             | 81                 | 1,139                          |                      | 1,452    | 136       | 460    | 1,051              | 2,036              | 985                         |
|  | 1899    |                           |                              |                               |                    |                                |                      |          |           |        |                    |                    |                             |
| Ice, manufactured  | 1909    | 12                        | 242                          | 1                             | 46                 | 195                            | 5,102                | 1,964    | 65        | 151    | 222                | 694                | 472                         |
|  | 1904    | 9                         | 167                          | 1                             | 21                 | 145                            |                      | 1,324    | 31        | 85     | 143                | 575                | 432                         |
|  | 1899    | 5                         | 69                           | 2                             | 4                  | 63                             |                      | 342      | 5         | 44     | 52                 | 238                | 186                         |
| Leather goods  | 1909    | 35                        | 410                          | 40                            | 64                 | 306                            | 181                  | 610      | 55        | 143    | 560                | 963                | 403                         |
|  | 1904    | 30                        | 529                          | 36                            | 76                 | 417                            |                      | 675      | 55        | 161    | 479                | 964                | 485                         |
|  | 1899    | 24                        |                              | 66                            | 66                 | 466                            |                      | 661      | 50        | 150    | 588                | 954                | 366                         |
| Leather, tanned, curried, and finished                     | 1909    | 7                         | 85                           | 11                            | 6                  | 68                             | 156                  | 145      | 5         | 32     | 249                | 321                | 72                          |
|  | 1904    | 8                         | 164                          | 12                            | 6                  | 147                            |                      | 58       | 6         | 58     | 157                | 300                | 143                         |
|  | 1899    | 10                        | 161                          | 13                            | 6                  | 142                            |                      | 141      | 6         | 59     | 474                | 594                | 120                         |
| Liquors distilled  | 1909    | 5                         | 127                          |                               | 35                 | 92                             | 636                  | 1,372    | 69        | 42     | 331                | 1,602              | 1,271                       |
|  | 1904    | 7                         | 129                          |                               | 23                 | 106                            |                      | 1,549    | 38        | 70     | 523                | 954                | 431                         |
|  | 1899    | 7                         | 109                          | 2                             | 24                 | 83                             |                      | 1,034    | 29        | 50     | 424                | 919                | 495                         |
| Liquors, malt  | 1909    | 11                        | 639                          | 5                             | 82                 | 552                            | 3,270                | 5,350    | 174       | 451    | 906                | 3,150              | 2,244                       |
|  | 1904    | 13                        | 613                          | 3                             | 85                 | 525                            |                      | 4,135    | 141       | 401    | 858                | 3,177              | 2,319                       |
|  | 1899    | 12                        | 665                          | 7                             | 120                | 538                            |                      | 9,689    | 187       | 351    | 622                | 2,934              | 2,312                       |
| Lumber and timber products                                 | 1909    | 48                        | 2,258                        | 49                            | 193                | 2,016                          | 5,609                | 2,853    | 206       | 894    | 3,022              | 4,805              | 1,783                       |
|  | 1904    | 34                        | 1,765                        | 35                            | 158                | 1,572                          |                      | 1,779    | 143       | 659    | 1,940              | 3,320              | 1,371                       |
|  | 1899    | 35                        |                              | 79                            | 79                 | 1,602                          |                      | 2,324    | 68        | 629    | 2,050              | 3,320              | 1,270                       |
| Marble and stone work                                      | 1909    | 48                        | 869                          | 45                            | 82                 | 742                            | 1,420                | 1,190    | 158       | 485    | 758                | 1,704              | 946                         |
|  | 1904    | 28                        | 896                          | 34                            | 66                 | 796                            |                      | 1,087    | 170       | 487    | 775                | 1,841              | 1,066                       |
|  | 1899    | 27                        |                              | 36                            | 36                 | 727                            |                      | 571      | 46        | 381    | 480                | 1,183              | 703                         |
| Patent medicines and compounds and druggists' preparations | 1909    | 71                        | 1,813                        | 53                            | 580                | 1,180                          | 667                  | 4,056    | 744       | 426    | 2,136              | 5,471              | 3,335                       |
|  | 1904    | 67                        | 1,291                        | 70                            | 267                | 954                            |                      | 3,163    | 371       | 282    | 1,817              | 4,750              | 2,933                       |
|  | 1899    | 57                        |                              | 340                           | 340                | 956                            |                      | 1,438    | 442       | 279    | 1,238              | 3,196              | 1,958                       |
| Printing and publishing                                    | 1909    | 238                       | 4,157                        | 220                           | 1,071              | 2,866                          | 3,194                | 5,625    | 1,199     | 1,747  | 2,227              | 7,553              | 5,326                       |
|  | 1904    | 202                       | 3,472                        | 211                           | 840                | 2,421                          |                      | 4,251    | 796       | 1,330  | 1,578              | 5,008              | 4,030                       |
|  | 1899    | 217                       | 3,642                        | 254                           | 638                | 2,350                          |                      | 3,787    | 524       | 1,345  | 1,403              | 4,912              | 3,509                       |
| Shipbuilding, including boat building                      | 1909    | 13                        | 616                          | 11                            | 50                 | 555                            | 3,563                | 2,078    | 67        | 340    | 260                | 871                | 611                         |
|  | 1904    | 12                        | 515                          | 16                            | 30                 | 469                            |                      | 945      | 47        | 202    | 202                | 640                | 438                         |
|  | 1899    | 16                        |                              | 59                            | 59                 | 1,393                          |                      | 1,687    | 63        | 753    | 701                | 2,021              | 1,320                       |
| Slaughtering and meat packing                              | 1909    | 48                        | 1,023                        | 57                            | 158                | 808                            | 2,611                | 2,852    | 212       | 470    | 8,652              | 10,082             | 1,430                       |
|  | 1904    | 41                        | 563                          | 57                            | 51                 | 455                            |                      | 907      | 51        | 250    | 4,749              | 5,652              | 803                         |
|  | 1899    | 46                        |                              | 36                            | 36                 | 395                            |                      | 1,062    | 25        | 184    | 5,033              | 5,612              | 579                         |
| Tobacco manufactures                                       | 1909    | 212                       | 3,849                        | 236                           | 319                | 3,294                          | 559                  | 6,442    | 369       | 1,187  | 5,530              | 10,270             | 4,740                       |
|  | 1904    |                           |                              |                               |                    |                                |                      |          |           |        |                    |                    |                             |
|  | 1899    | 320                       |                              |                               | 270                | 4,024                          |                      | 3,170    | 364       | 1,228  | 3,418              | 9,574              | 6,156                       |
| Umbrellas and canes  | 1909    | 9                         | 640                          | 15                            | 111                | 514                            | 95                   | 827      | 144       | 168    | 1,076              | 1,650              | 574                         |
|  | 1904    | 9                         | 450                          | 14                            | 65                 | 371                            |                      | 468      | 40        | 94     | 800                | 1,271              | 471                         |
|  | 1899    | 10                        | 499                          | 18                            | 83                 | 393                            |                      | 391      | 61        | 109    | 745                | 1,093              | 343                         |
| All other industries                                       | 1909    | 610                       | 17,365                       | 616                           | 2,214              | 14,535                         | 23,023               | 60,286   | 2,327     | 6,007  | 25,331             | 42,385             | 17,054                      |
|  | 1904    | 825                       | 24,087                       | 911                           | 2,119              | 21,057                         |                      | 77,594   | 2,167     | 7,783  | 27,376             | 50,505             | 23,189                      |
|  | 1899    | 629                       |                              |                               | 1,571              | 19,160                         |                      | 49,950   | 1,844     | 6,370  | 21,953             | 37,974             | 16,021                      |

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

|            |      |    |       |    |     |       |       |         |       |       |         |         |         |
|------------|------|----|-------|----|-----|-------|-------|---------|-------|-------|---------|---------|---------|
| Cumberland | 1909 | 71 | 2,200 | 53 | 211 | 1,938 | 5,119 | \$4,095 | \$185 | \$948 | \$2,676 | \$4,634 | \$1,858 |
|            | 1904 | 72 | 2,512 | 55 | 181 | 2,276 |       | 4,139   | 200   | 1,084 | 2,678   | 4,595   | 1,917   |
|            | 1899 | 56 |       |    | 124 | 1,643 |       | 2,352   | 111   | 684   | 1,674   | 2,900   | 1,226   |
| Frederick  | 1909 | 55 | 1,184 | 63 | 95  | 1,026 | 1,989 | 2,370   | 97    | 361   | 2,075   | 2,911   | 836     |
|            | 1904 | 56 | 1,184 | 62 | 90  | 1,032 |       | 1,421   | 61    | 278   | 1,223   | 1,938   | 715     |
|            | 1899 | 54 |       |    | 68  | 939   |       | 1,033   | 48    | 197   | 919     | 1,438   | 519     |
| Hagerstown | 1909 | 76 | 1,938 | 79 | 141 | 1,718 | 2,068 | 2,970   | 116   | 583   | 1,798   | 3,197   | 1,399   |
|            | 1904 | 67 | 2,457 | 65 | 182 | 2,210 |       | 2,194   | 116   | 718   | 1,651   | 3,027   | 1,376   |
|            | 1899 | 80 |       |    | 83  | 1,515 |       | 1,121   | 48    | 390   | 1,100   | 1,820   | 720     |

<sup>1</sup> Excluding statistics for two establishments, to avoid disclosure of individual operations.  
<sup>2</sup> Excluding statistics for one establishment, to avoid disclosure of individual operations.  
<sup>3</sup> Figures can not be shown without disclosing individual operations.

TABLE II.—DETAIL STATEMENT FOR

| INDUSTRY.  | Number of establishments. | PERSONS ENGAGED IN INDUSTRY. |                               |   |         |         |                 |                |                |        |              | WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY. |           |         |         |  | Primary horse-power. |
|--|---------------------------|------------------------------|-------------------------------|---|---------|---------|-----------------|----------------|----------------|--------|--------------|---|-----------|---------|---------|--|----------------------|
|  |                           | Total.                       | Proprietors and firm members. | Salaried officers, superintendents, and managers. | Clerks. |         | Wage earners.   |                |                | Total. | 16 and over. |   | Under 16. |         |         |  |                      |
|  |                           |                              |                               |   | Male.   | Female. | Average number. | Number.        |                |        | Male.        | Female.   | Male.     | Female. |         |  |                      |
|  |                           |                              |                               |   |         |         |                 | Maximum month. | Minimum month. |        |              |   |           |         |         |  |                      |
| 1 All industries.....  | 4,837                     | 125,489                      | 5,376                         | 3,198   | 7,345   | 1,649   | 107,921         | Se 133,268     | Ja 95,070      | (1)    | (1)          | (1)   | (1)       | (1)     | 218,244 |  |                      |
| 2 Automobiles, including bodies and parts.                                     | 5                         | 241                          | 3                             | 19  | 12      | 5       | 202             | Au 244         | No 146         | 180    | 180          |   |           |         | 223     |  |                      |
| 3 Baking powders and yeast.....  | 7                         | 201                          | 3                             | 7   | 38      | 7       | 146             | Ja 160         | Oc 132         | 151    | 82           | 60  |           | 9       | 322     |  |                      |
| 4 Baskets, and rattan and willow ware.....                                     | 25                        | 586                          | 26                            | 13  | 20      | 1       | 526             | Fe 652         | Oc 310         | 514    | 419          | 25  | 20        | 50      | 502     |  |                      |
| 5 Belting and hose, woven and rubber.....                                      | 4                         | 315                          | 1                             | 10  | 19      | 6       | 279             | Jy 295         | De 268         | 268    | 60           | 170   | 3         | 35      | 305     |  |                      |
| 6 Blacking and cleansing and polishing preparations.                           | 7                         | 36                           | 5                             | 4   | 12      | 3       | 12              | Ja 12          | Je 12          | 12     | 9            | 2   | 1         |         | 17      |  |                      |
| 7 Boots and shoes, including cut stock and findings.                           | 14                        | 670                          | 11                            | 25  | 32      | 8       | 594             | Ap 613         | Je 555         | 599    | 353          | 190   | 38        | 18      | 292     |  |                      |
| 8 Boxes, cigar.....  | 9                         | 183                          | 10                            | 4   | 2       |         | 167             | De 171         | Au 164         | 171    | 76           | 79  | 9         | 7       | 145     |  |                      |
| 9 Boxes, fancy and paper.....  | 17                        | 770                          | 15                            | 24  | 29      | 18      | 684             | Oc 748         | Fe 638         | 718    | 183          | 301   | 22        | 122     | 365     |  |                      |
| 10 Brass and bronze products.....  | 17                        | 267                          | 11                            | 20  | 14      | 3       | 219             | Au 286         | Ja 202         | 213    | 208          |   | 5         |         | 243     |  |                      |
| 11 Bread and other bakery products.....  | 516                       | 2,820                        | 545                           | 31  | 191     | 91      | 1,962           | Oc 2,070       | Ja 1,832       | 1,984  | 1,720        | 153   | 80        | 31      | 1,212   |  |                      |
| 12 Brick and tile.....   | 40                        | 1,331                        | 36                            | 47  | 20      | 2       | 1,226           | Jy 1,693       | Ja 742         | 1,177  | 1,152        |   | 25        |         | 4,815   |  |                      |
| 13 Brooms.....   | 24                        | 140                          | 27                            | 8   | 3       | 1       | 101             | No 119         | Au 81          | 115    | 101          | 3   | 11        |         | 39      |  |                      |
| 14 Brushes.....  | 11                        | 575                          | 14                            | 10  | 55      | 8       | 488             | Oc 550         | Je 435         | 539    | 432          | 55  | 33        | 19      | 558     |  |                      |
| 15 Butter, cheese, and condensed milk.....                                     | 44                        | 137                          | 54                            | 11  | 2       | 1       | 69              | My 82          | Ja 56          | 81     | 79           |   | 2         |         | 522     |  |                      |
| 16 Canning and preserving.....   | 468                       | 9,755                        | 655                           | 204   | 245     | 38      | 8,613           | Se 31,131      | Ja 1,227       | 28,151 | 9,742        | 14,600  | 1,581     | 2,228   | 7,007   |  |                      |
| 17 Carriages and wagons and materials.....                                     | 126                       | 960                          | 154                           | 31  | 12      | 6       | 757             | Ap 796         | No 712         | 748    | 739          |   | 9         |         | 879     |  |                      |
| 18 Cars and general shop construction and repairs by steam-railroad companies. | 21                        | 5,926                        |                               | 124   | 252     | 1       | 5,549           | Oc 6,143       | Ap 5,001       | 6,017  | 5,993        | 10  | 5         |         | 7,308   |  |                      |
| 19 Chemicals.....  | 3                         | 316                          |                               | 7   | 16      | 8       | 285             | Oc 321         | Ja 231         | 315    | 313          | 2   |           |         | 1,855   |  |                      |
| 20 Cloth, sponging and refinishing.....  | 4                         | 71                           | 5                             | 3   | 4       |         | 59              | Ja 59          | Jy 59          | 59     | 58           |   | 1         |         | 128     |  |                      |
| 21 Clothing, men's, including shirts.....                                      | 359                       | 21,946                       | 496                           | 250   | 1,142   | 274     | 19,784          | De 20,420      | Se 19,303      | 20,413 | 8,810        | 10,507  | 259       | 837     | 4,061   |  |                      |
| 22 Clothing, women's.....  | 72                        | 3,030                        | 105                           | 52  | 162     | 70      | 2,641           | Ap 2,767       | Au 2,510       | 2,757  | 579          | 2,121   | 4         | 53      | 370     |  |                      |
| 23 Confectionery.....  | 54                        | 1,888                        | 48                            | 39  | 186     | 42      | 1,573           | No 2,009       | Je 1,353       | 1,887  | 627          | 929   | 48        | 233     | 1,424   |  |                      |
| 24 Cooperage and wooden goods, not elsewhere specified.                        | 40                        | 384                          | 46                            | 9   | 5       | 1       | 323             | De 349         | My 301         | 308    | 345          | 30  | 8         | 15      | 441     |  |                      |
| 25 Copper, tin, and sheet-iron products.....                                   | 81                        | 5,980                        | 76                            | 158   | 371     | 100     | 5,275           | Se 6,268       | Ja 4,052       | 5,133  | 3,723        | 832   | 403       | 175     | 5,532   |  |                      |
| 26 Cotton goods, including cotton small wares.                                 | 16                        | 4,077                        | 3                             | 37  | 58      | 13      | 3,906           | No 4,110       | My 3,652       | 4,133  | 1,720        | 1,755   | 357       | 301     | 13,128  |  |                      |
| 27 Cutlery and tools, not elsewhere specified.                                 | 6                         | 42                           | 8                             | 5   | 7       |         | 22              | Oc 27          | Mh 19          | 24     | 18           |   | 6         |         | 36      |  |                      |
| 28 Electrical machinery, apparatus, and supplies.                              | 7                         | 142                          | 2                             | 9   | 6       | 4       | 121             | De 134         | Au 111         | 134    | 110          | 16  | 8         |         | 266     |  |                      |
| 29 Electroplating.....   | 10                        | 67                           | 13                            |   | 1       | 53      | Se 56           | Jy 49          | 54             | 52     |              | 2   |           |         | 84      |  |                      |
| 30 Fertilizers.....  | 41                        | 1,750                        | 36                            | 94  | 165     | 16      | 1,439           | Se 2,115       | No 1,110       | 1,326  | 1,816        | 10  |           |         | 5,324   |  |                      |
| 31 Flags, banners, regalia, society banners, and emblems.                      | 7                         | 110                          | 6                             | 5   | 5       | 8       | 86              | Ap 105         | No 59          | 96     | 37           | 50  | 5         | 4       | 16      |  |                      |
| 32 Flour-mill and gristmill products.....                                      | 295                       | 935                          | 336                           | 42  | 45      | 6       | 506             | De 541         | Ap 490         | 542    | 537          | 1   | 4         |         | 13,307  |  |                      |
| 33 Foundry and machine-shop products.....                                      | 157                       | 5,520                        | 160                           | 200   | 312     | 50      | 4,798           | De 5,231       | Fe 4,430       | 5,319  | 5,178        | 96  | 45        |         | 6,785   |  |                      |
| 34 Fur goods.....  | 7                         | 65                           | 10                            | 1   | 5       |         | 49              | No 79          | Fe 24          | 74     | 36           | 38  |           |         |         |  |                      |
| 35 Furnishing goods, men's.....  | 26                        | 550                          | 35                            | 6   | 58      | 15      | 436             | De 409         | My 403         | 502    | 93           | 379   | 13        | 17      | 53      |  |                      |
| 36 Furniture and refrigerators.....  | 48                        | 2,133                        | 68                            | 49  | 132     | 28      | 1,856           | No 1,972       | Fe 1,746       | 1,955  | 1,855        | 7   | 93        |         | 2,876   |  |                      |
| 37 Gas and electric fixtures and lamps and reflectors.                         | 9                         | 96                           | 6                             | 7   | 5       | 7       | 71              | No 77          | Au 67          | 75     | 75           |   |           |         | 35      |  |                      |
| 38 Gas, illuminating and heating.....  | 18                        | 817                          | 4                             | 40  | 265     | 32      | 476             | My 603         | Fe 336         | 415    | 415          |   |           |         | 1,555   |  |                      |
| 39 Glass.....  | 7                         | 1,105                        | 6                             | 21  | 23      | 3       | 1,052           | Ap 1,270       | Au 417         | 1,348  | 1,152        | 90  | 97        | 9       | 427     |  |                      |
| 40 Hand stamps and stencils and brands.....                                    | 4                         | 60                           | 6                             | 4   | 2       | 48      | Se 54           | Ap 42          | 53             | 42     | 8            | 3   |           |         | 10      |  |                      |
| 41 Hats and caps, other than felt, straw, and wool.                            | 17                        | 155                          | 24                            | 1   | 7       | 1       | 122             | Au 133         | Fe 108         | 130    | 103          | 21  | 4         | 2       | 53      |  |                      |
| 42 Hats, straw.....  | 7                         | 1,808                        | 4                             | 31  | 56      | 23      | 1,694           | De 1,971       | Jy 503         | 1,976  | 664          | 1,193   | 34        | 85      | 930     |  |                      |
| 43 Hosiery and knit goods.....   | 11                        | 1,062                        | 10                            | 15  | 9       | 6       | 1,022           | Ja 1,046       | Oc 1,002       | 1,021  | 192          | 666   | 51        | 112     | 460     |  |                      |
| 44 Ice, manufactured.....  | 42                        | 460                          | 31                            | 60  | 16      | 4       | 355             | Au 489         | Ja 196         | 271    | 270          |   | 1         |         | 7,192   |  |                      |
| 45 Jewelry.....  | 15                        | 121                          | 20                            |   | 9       | 2       | 90              | No 96          | Jy 85          | 95     | 80           | 3   | 4         | 2       | 46      |  |                      |
| 46 Kaolin and ground earths.....   | 5                         | 53                           |                               | 9   | 1       | 1       | 42              | My 49          | Ja 34          | 48     | 48           |   |           |         | 547     |  |                      |
| 47 Leather goods.....  | 43                        | 430                          | 48                            | 8   | 56      | 1       | 326             | Fe 338         | Ja 320         | 323    | 288          | 13  | 21        | 1       | 182     |  |                      |
| 48 Leather, tanned, curried, and finished.....                                 | 13                        | 523                          | 15                            | 16  | 23      | 3       | 466             | Je 515         | Ja 415         | 485    | 480          | 5   |           |         | 1,321   |  |                      |
| 49 Lime.....   | 43                        | 473                          | 43                            | 14  | 14      | 5       | 397             | Ap 515         | Ja 284         | 339    | 375          |   | 14        |         | 942     |  |                      |
| 50 Liquors, distilled.....   | 25                        | 387                          | 10                            | 41  | 53      | 7       | 276             | Fe 375         | Au 171         | 300    | 284          | 15  | 1         |         | 2,695   |  |                      |
| 51 Liquors, malt.....  | 20                        | 1,095                        | 7                             | 55  | 118     | 6       | 909             | Jy 995         | Ja 845         | 892    | 878          | 6   | 8         |         | 6,187   |  |                      |
| 52 Lumber and timber products.....   | 561                       | 3,165                        | 718                           | 220   | 193     | 31      | 7,003           | Mh 7,612       | Au 6,152       | 8,401  | 7,670        | 317   | 339       | 75      | 23,553  |  |                      |
| 53 Marble and stone work.....  | 89                        | 1,658                        | 85                            | 57  | 53      | 8       | 1,455           | Au 1,626       | Fe 1,246       | 1,553  | 1,541        | 10  | 2         |         | 4,241   |  |                      |
| 54 Mattresses and spring beds.....   | 10                        | 252                          | 20                            | 10  | 13      | 11      | 198             | Oc 215         | Fe 182         | 205    | 169          | 30  | 6         |         | 178     |  |                      |
| 55 Millinery and lace goods.....   | 14                        | 300                          | 16                            | 9   | 18      | 14      | 243             | De 289         | Jy 300         | 235    | 56           | 221   | 3         | 5       | 42      |  |                      |
| 56 Models and patterns, not including paper patterns.                          | 9                         | 49                           | 12                            |   | 1       |         | 36              | Se 38          | Jy 23          | 35     | 35           |   |           |         | 50      |  |                      |

<sup>1</sup> No figures given for reasons explained in the Introduction.

STATISTICS OF MANUFACTURES.

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THE STATE, BY INDUSTRIES: 1909.

| Capital.        | EXPENSES.     |             |             |               |                         |               |                  |                                    |                |              | Value of products. | Value added by manufacture. |
|-----------------|---------------|-------------|-------------|---------------|-------------------------|---------------|------------------|------------------------------------|----------------|--------------|--------------------|-----------------------------|
|                 | Total.        | Services.   |             |               | Materials.              |               | Miscellaneous.   |                                    |                |              |                    |                             |
|                 |               | Officials.  | Clerks.     | Wage earners. | Fuel and rent of power. | Other.        | Rent of factory. | Taxes, including internal revenue. | Contract work. | Other.       |                    |                             |
| 1 \$251,226,828 | \$285,954,852 | \$5,894,257 | \$7,782,632 | \$45,435,829  | \$7,044,049             | \$192,004,856 | \$1,725,422      | \$7,058,493                        | \$3,278,207    | \$15,791,107 | \$315,669,150      | \$116,620,245               |
| 2 525,226       | 468,358       | 26,372      | 10,132      | 118,396       | 4,376                   | 280,739       | 360              | 2,090                              | .....          | 25,893       | 532,761            | 247,646                     |
| 3 250,918       | 712,306       | 14,196      | 32,858      | 49,381        | 14,662                  | 474,336       | 14,448           | 2,392                              | .....          | 110,033      | 839,872            | 350,874                     |
| 4 317,377       | 422,684       | 16,657      | 10,795      | 111,741       | 637                     | 226,414       | 1,555            | 1,930                              | 16,257         | 36,598       | 471,233            | 244,182                     |
| 5 825,720       | 1,250,324     | 27,690      | 21,095      | 87,058        | 13,108                  | 981,910       | 4,700            | 5,710                              | .....          | 109,053      | 1,317,501          | 322,483                     |
| 6 36,676        | 86,262        | 3,902       | 10,128      | 4,830         | 799                     | 21,255        | 2,965            | 278                                | 5,000          | 37,105       | 76,413             | 54,359                      |
| 7 677,706       | 1,362,474     | 32,368      | 32,116      | 239,242       | 8,093                   | 904,079       | 12,835           | 3,381                              | 48,618         | 81,742       | 1,431,017          | 518,845                     |
| 8 117,001       | 169,837       | 5,000       | 3,120       | 45,113        | 2,491                   | 107,031       | 1,635            | 814                                | .....          | 4,633        | 194,487            | 84,915                      |
| 9 733,288       | 786,071       | 31,650      | 29,549      | 182,560       | 9,939                   | 355,536       | 24,395           | 3,641                              | 3,336          | 65,965       | 852,753            | 457,578                     |
| 10 345,695      | 656,215       | 50,667      | 9,849       | 98,470        | 11,430                  | 420,370       | 7,842            | 1,367                              | 60             | 55,960       | 747,650            | 315,650                     |
| 11 3,213,873    | 5,965,541     | 43,338      | 157,796     | 892,730       | 130,229                 | 4,232,870     | 48,360           | 30,127                             | 227            | 429,364      | 6,368,479          | 2,505,380                   |
| 12 5,117,008    | 874,324       | 65,793      | 11,640      | 462,570       | 212,318                 | 36,668        | 2,001            | 11,653                             | 1,740          | 69,432       | 970,625            | 721,139                     |
| 13 129,627      | 289,850       | 5,845       | 2,215       | 41,284        | 1,349                   | 227,261       | 1,994            | 554                                | .....          | 6,956        | 334,943            | 106,333                     |
| 14 1,523,204    | 1,013,442     | 25,560      | 70,624      | 217,924       | 9,883                   | 638,120       | 6,478            | 3,789                              | 6,694          | 84,390       | 1,123,515          | 475,512                     |
| 15 257,063      | 587,238       | 9,225       | 670         | 38,981        | 11,445                  | 512,489       | 970              | 938                                | .....          | 12,520       | 553,702            | 129,768                     |
| 16 8,376,649    | 12,937,109    | 199,548     | 151,642     | 1,925,962     | 125,292                 | 9,064,342     | 56,452           | 34,743                             | 6,014          | 472,814      | 13,709,449         | 3,619,815                   |
| 17 1,191,906    | 1,032,974     | 36,784      | 8,546       | 372,416       | 15,048                  | 526,130       | 19,434           | 7,661                              | 3,382          | 43,573       | 1,330,068          | 788,890                     |
| 18 4,263,967    | 9,059,574     | 82,470      | 200,543     | 3,534,842     | 99,321                  | 5,093,890     | .....            | 3,899                              | .....          | 44,639       | 9,059,256          | 3,586,045                   |
| 19 1,675,900    | 943,885       | 18,400      | 18,391      | 158,346       | 60,096                  | 623,982       | .....            | 7,435                              | 16,539         | 40,786       | 1,213,103          | 629,115                     |
| 20 100,907      | 67,301        | 5,600       | 3,835       | 42,676        | 2,795                   | 1,644         | 1,600            | 626                                | .....          | 8,525        | 106,534            | 102,095                     |
| 21 19,578,476   | 34,214,120    | 392,324     | 1,408,612   | 7,563,126     | 149,801                 | 20,816,274    | 410,014          | 63,417                             | 2,043,741      | 1,366,811    | 36,921,294         | 15,955,219                  |
| 22 1,694,363    | 3,937,613     | 77,867      | 192,652     | 888,268       | 26,115                  | 2,259,108     | 67,057           | 5,757                              | 95,771         | 325,018      | 4,351,263          | 2,068,040                   |
| 23 2,762,928    | 4,341,437     | 122,547     | 162,605     | 463,434       | 54,537                  | 3,107,205     | 35,938           | 16,190                             | .....          | 378,921      | 5,081,552          | 1,920,110                   |
| 24 427,768      | 562,104       | 16,624      | 2,911       | 134,856       | 2,951                   | 356,286       | 6,895            | 2,305                              | .....          | 41,276       | 616,687            | 258,450                     |
| 25 24,718,688   | 14,980,879    | 415,364     | 401,908     | 2,075,764     | 142,046                 | 10,666,103    | 65,955           | 53,447                             | 20,413         | 1,139,839    | 16,909,447         | 6,101,298                   |
| 26 9,024,145    | 5,519,730     | 96,291      | 55,988      | 1,138,766     | 86,911                  | 3,924,330     | 4,451            | 30,259                             | 6,681          | 175,553      | 5,522,293          | 1,510,552                   |
| 27 36,563       | 44,404        | 3,500       | 4,000       | 9,850         | 943                     | 22,044        | 2,373            | 304                                | .....          | 1,390        | 58,516             | 35,529                      |
| 28 216,225      | 129,023       | 15,833      | 5,339       | 40,725        | 2,357                   | 59,758        | 1,434            | 974                                | 1,895          | 9,208        | 147,098            | 99,483                      |
| 29 28,540       | 44,039        | .....       | 520         | 26,152        | 2,277                   | 9,961         | 3,109            | 97                                 | 356            | 1,567        | 58,872             | 46,634                      |
| 30 9,097,853    | 8,568,599     | 222,847     | 194,966     | 616,633       | 79,320                  | 6,883,405     | 20,763           | 45,820                             | 171            | 504,644      | 9,672,786          | 2,710,061                   |
| 31 99,397       | 119,490       | 6,167       | 5,750       | 33,138        | 1,260                   | 61,017        | 3,050            | 1,212                              | .....          | 7,806        | 147,154            | 84,877                      |
| 32 3,729,202    | 8,577,040     | 51,293      | 41,681      | 226,993       | 74,883                  | 7,928,065     | 22,778           | 17,292                             | 1,235          | 212,695      | 9,267,903          | 1,264,090                   |
| 33 10,324,262   | 10,705,038    | 454,064     | 264,222     | 2,750,481     | 215,900                 | 5,740,561     | 75,157           | 54,325                             | 36,422         | 1,063,876    | 11,977,794         | 6,021,303                   |
| 34 106,758      | 111,940       | 2,500       | 3,506       | 21,373        | 566                     | 71,003        | 5,698            | 350                                | .....          | 159,438      | 57,889             |                             |
| 35 398,432      | 774,929       | 4,840       | 62,360      | 154,932       | 2,499                   | 491,428       | 13,878           | 613                                | 680            | 43,799       | 394,812            | 400,985                     |
| 36 2,507,077    | 2,887,096     | 71,099      | 127,324     | 835,147       | 30,692                  | 1,570,692     | 43,799           | 14,719                             | 8,742          | 184,982      | 3,350,369          | 1,749,085                   |
| 37 199,219      | 137,931       | 10,700      | 3,664       | 31,264        | 1,793                   | 76,863        | 2,956            | 350                                | .....          | 10,341       | 150,022            | 71,366                      |
| 38 20,953,646   | 1,512,742     | 50,191      | 216,905     | 220,158       | 503,490                 | 125,993       | .....            | 207,921                            | .....          | 188,084      | 3,223,021          | 2,593,518                   |
| 39 887,464      | 885,093       | 39,822      | 24,539      | 504,634       | 69,518                  | 167,301       | 1,120            | 4,936                              | .....          | 73,223       | 1,038,368          | 801,549                     |
| 40 34,530       | 76,448        | .....       | 3,860       | 6,220         | 414                     | 44,584        | 3,115            | 77                                 | .....          | 8,678        | 94,759             | 49,761                      |
| 41 68,549       | 173,026       | 600         | 3,604       | 66,056        | 1,772                   | 88,572        | 3,618            | 309                                | 896            | 7,599        | 208,209            | 117,855                     |
| 42 2,607,298    | 3,061,417     | 149,264     | 146,371     | 687,648       | 17,431                  | 1,765,783     | 44,037           | 8,112                              | .....          | 242,771      | 3,347,330          | 1,564,116                   |
| 43 929,500      | 1,045,802     | 16,550      | 12,567      | 233,819       | 15,250                  | 681,899       | 1,580            | 2,667                              | 40,574         | 40,970       | 1,172,325          | 475,170                     |
| 44 2,552,240    | 838,017       | 70,199      | 13,194      | 229,676       | 197,530                 | 102,039       | 4,729            | 14,377                             | 6,737          | 198,516      | 1,022,360          | 722,791                     |
| 45 202,001      | 214,653       | .....       | 9,205       | 57,016        | 2,453                   | 129,589       | 4,502            | 865                                | 314            | 10,649       | 256,937            | 124,555                     |
| 46 150,143      | 64,077        | 12,106      | 1,300       | 25,365        | 5,970                   | 11,848        | 850              | 1,029                              | 855            | 4,754        | 67,290             | 49,462                      |
| 47 682,060      | 901,894       | 10,660      | 44,718      | 150,363       | 4,359                   | 602,902       | 17,431           | 5,853                              | 7,656          | 57,952       | 1,042,909          | 435,846                     |
| 48 2,208,338    | 2,480,328     | 59,760      | 20,069      | 210,649       | 15,518                  | 2,098,516     | 2,956            | 4,648                              | .....          | 74,672       | 2,661,066          | 547,032                     |
| 49 832,538      | 323,049       | 13,360      | 6,843       | 128,233       | 93,366                  | 38,504        | 2,986            | 3,364                              | 2,845          | 33,562       | 420,173            | 288,313                     |
| 50 4,863,223    | 5,107,514     | 128,288     | 86,575      | 141,590       | 86,412                  | 1,062,706     | 4,161            | 3,423,551                          | 100            | 174,131      | 5,361,689          | 4,212,571                   |
| 51 8,833,848    | 4,866,114     | 202,171     | 167,280     | 711,220       | 128,122                 | 1,440,905     | 1,160            | 1,034,461                          | .....          | 1,179,796    | 5,689,651          | 4,120,624                   |
| 52 9,182,109    | 10,321,505    | 265,781     | 151,430     | 2,457,402     | 38,417                  | 6,468,582     | 49,137           | 54,723                             | 347,772        | 488,261      | 12,134,202         | 5,627,203                   |
| 53 2,104,270    | 2,147,351     | 145,452     | 52,878      | 792,528       | 47,855                  | 909,381       | 15,696           | 9,913                              | 11,305         | 162,343      | 2,427,435          | 1,470,200                   |
| 54 372,738      | 641,279       | 13,795      | 14,785      | 86,855        | 6,229                   | 402,536       | 17,333           | 2,046                              | .....          | 38,095       | 728,809            | 260,044                     |
| 55 213,337      | 307,542       | 9,345       | 16,931      | 74,292        | 3,722                   | 168,942       | 11,001           | 1,706                              | .....          | 130          | 388,725            | 216,291                     |
| 56 36,632       | 37,946        | .....       | 1,040       | 21,824        | 1,101                   | 9,928         | 1,904            | 216                                | 28             | 1,905        | 54,010             | 42,981                      |

\* Same number reported throughout the year.

\* Same number reported for one or more other months.

TABLE II.—DETAIL STATEMENT FOR THE

| INDUSTRY.  | Number of establishments. | PERSONS ENGAGED IN INDUSTRY. |                               |   |         |         |                 |                 |                |                 |        | WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY. |       |           |       | Primary horse-power. |        |        |
|--|---------------------------|------------------------------|-------------------------------|---|---------|---------|-----------------|-----------------|----------------|-----------------|--------|---|-------|-----------|-------|----------------------|--------|--------|
|  |                           | Total.                       | Proprietors and firm members. | Salaried officers, superintendents, and managers. | Clerks. |         | Wage earners.   |                 |                |                 | Total. | 16 and over.  |       | Under 16. |       |                      |        |        |
|  |                           |                              |                               |   | Male.   | Female. | Average number. | Number.         |                | Male.           |        | Female.   | Male. | Female.   |       |                      |        |        |
|  |                           |                              |                               |   |         |         |                 | Maximum month.  | Minimum month. |                 |        |   |       |           |       |                      |        |        |
| 1 Musical instruments, pianos and organs and materials.      | 7                         | 833                          | 8                             | 12  | 43      | 13      | 757             | De              | 792            | Ja              | 721    | 792   | 741   | 12        | 39    | .....                | 613    |        |
| 2 Optical goods.   | 4                         | 50                           | 3                             | 3   | 9       | 7       | 28              | De <sup>1</sup> | 29             | Je              | 27     | 29  | 27    | .....     | 2     | .....                | 11     |        |
| 3 Paint and varnish.   | 12                        | 190                          | 20                            | 7   | 24      | 12      | 127             | No <sup>1</sup> | 133            | Fe              | 120    | 134   | 115   | 19        | ..... | .....                | 450    |        |
| 4 Paper and wood pulp.                                       | 13                        | 1,349                        | 15                            | 31  | 46      | 8       | 1,240           | No              | 1,290          | Ja              | 1,158  | 1,247   | 1,091 | 154       | 2     | .....                | 11,407 |        |
| 5 Patent medicines and compounds and druggists' preparation. | 83                        | 1,846                        | 62                            | 118   | 355     | 118     | 1,193           | Oc              | 1,313          | Ja              | 1,038  | 1,189   | 419   | 745       | 10    | 15                   | .....  | 583    |
| 6 Photo-engraving.   | 4                         | 73                           | 1                             | 4   | 13      | 3       | 52              | De              | 60             | Ja              | 45     | 60  | 54    | .....     | 6     | .....                | 18     |        |
| 7 Pottery, terra-cotta, and fire-clay products.              | 16                        | 799                          | 12                            | 35  | 27      | 5       | 720             | No              | 747            | Ja              | 654    | 724   | 555   | 92        | 61    | 6                    | .....  | 1,336  |
| 8 Printing and publishing.                                   | 371                       | 4,942                        | 365                           | 229   | 751     | 211     | 3,386           | De              | 3,530          | Au              | 3,295  | 3,547   | 2,870 | 472       | 155   | 50                   | .....  | 3,694  |
| 9 Shipbuilding.  | 46                        | 1,938                        | 47                            | 77  | 43      | 8       | 1,793           | Ap              | 1,925          | Ja              | 1,533  | 1,956   | 1,925 | 31        | ..... | .....                | 6,795  |        |
| 10 Silk and silk goods, including throwsters.                | 4                         | 681                          | 2                             | 8   | 8       | 8       | 655             | Ap              | 717            | No              | 555    | 603   | 196   | 280       | 53    | 129                  | .....  | 915    |
| 11 Silverware and plated ware.                               | 10                        | 215                          | 5                             | 7   | 3       | 1       | 199             | De <sup>1</sup> | 206            | Jy <sup>1</sup> | 192    | 206   | 194   | 1         | 11    | .....                | 201    |        |
| 12 Slaughtering and meat packing.                            | 54                        | 1,324                        | 61                            | 40  | 173     | 16      | 1,034           | De              | 1,107          | Je              | 990    | 1,107   | 1,104 | 1         | 2     | .....                | 3,024  |        |
| 13 Stereotyping and electrotyping.                           | 5                         | 56                           | 2                             | 3   | 4       | 6       | 41              | No <sup>1</sup> | 45             | My              | 39     | 45  | 39    | 1         | 5     | .....                | 53     |        |
| 14 Stoves and furnaces, including gas and oil stoves.        | 8                         | 471                          | 4                             | 24  | 47      | 2       | 394             | Oc              | 429            | Jy              | 342    | 404   | 398   | .....     | 6     | .....                | 273    |        |
| 15 Surgical appliances and artificial limbs.                 | 4                         | 20                           | 3                             | 3   | 1       | .....   | 13              | Ap <sup>1</sup> | 14             | No <sup>1</sup> | 12     | 13  | 10    | 2         | 1     | .....                | 12     |        |
| 16 Tobacco manufactures.                                     | 263                       | 4,098                        | 291                           | 62  | 233     | 36      | 3,476           | De              | 3,725          | Ja              | 3,230  | 3,740   | 1,554 | 1,008     | 43    | 235                  | .....  | 559    |
| 17 Type founding and printing materials.                     | 3                         | 13                           | 2                             | 1   | 1       | 2       | 7               | Je <sup>1</sup> | 7              | Fe <sup>1</sup> | 6      | 7   | 7     | .....     | ..... | .....                | 10     |        |
| 18 Umbrellas and canes.                                      | 9                         | 640                          | 15                            | 14  | 74      | 23      | 514             | De              | 573            | Jy              | 469    | 575   | 145   | 331       | 20    | 26                   | .....  | 95     |
| 19 All other industries <sup>2</sup> .                       | 362                       | 12,918                       | 350                           | 348   | 916     | 168     | 11,136          | .....           | .....          | .....           | .....  | .....   | ..... | .....     | ..... | .....                | .....  | 56,549 |

<sup>1</sup> Same number reported for one or more other months.

<sup>2</sup> All other industries embrace—

|  |    |  |    |  |    |
|--|----|--|----|--|----|
| Agricultural implements.....   | 2  | Cars, steam-railroad, not including operations of      | 1  | Engraving, wood.....                                 | 2  |
| Artificial flowers and feathers and plumes.....                                  | 4  | railroad companies.....                                | 1  | Explosives.....                                      | 1  |
| Artificial stone.....  | 9  | Cement.....  | 1  | Fancy articles, not elsewhere specified.....         | 3  |
| Awnings, tents, and sails.....   | 18 | Charcoal.....  | 2  | Fireworks.....                                       | 2  |
| Babbitt metal and solder.....  | 2  | Clocks and watches, including cases and materials..... | 1  | Flavoring extracts.....                              | 19 |
| Bags, other than paper.....  | 2  | Clothing, men's, buttonholes.....                      | 12 | Food preparations.....                               | 29 |
| Bags, paper.....   | 2  | Coffee and spice, roasting and grinding.....           | 15 | Galvanizing.....                                     | 2  |
| Belting and hose, leather.....   | 4  | Coffins, burial cases, and undertakers' goods.....     | 3  | Glass, cutting, staining, and ornamenting.....       | 5  |
| Billiard tables and materials.....   | 1  | Coke.....  | 1  | Gloves and mittens, leather.....                     | 1  |
| Bluing.....  | 2  | Cordage and twine and jute and linen goods.....        | 4  | Glue.....  | 1  |
| Butter, reworking.....   | 1  | Cordials and syrups.....                               | 1  | Gold and silver, leaf and foil.....                  | 1  |
| Calcium lights.....  | 1  | Cork cutting.....                                      | 1  | Grease and tallow.....                               | 5  |
| Card cutting and designing.....  | 1  | Corsets.....   | 2  | Hair work.....                                       | 2  |
| Carpets and rugs, other than rag.....  | 1  | Dairymen's, poultryers', and apiarists' supplies.....  | 1  | Hat and cap materials.....                           | 1  |
| Carpets, rag.....  | 2  | Drug grinding.....                                     | 3  | Hats, fur-felt.....                                  | 4  |
| Carriages and sleds, children's.....   | 3  | Dyeing and finishing textiles.....                     | 3  | House-furnishing goods, not elsewhere specified..... | 4  |
| Cars and general shop construction and repairs by street-railroad companies..... | 5  | Enameling and japanning.....                           | 4  | Instruments, professional and scientific.....        | 6  |
|  |    | Engraving and die-sinking.....                         | 7  | Iron and steel, blast furnaces.....                  | 2  |

STATISTICS OF MANUFACTURES.

STATE, BY INDUSTRIES: 1909—Continued.

|    | Capital.    | EXPENSES.   |            |          |               |                         |            |                  |                                    |                |           | Value of products. | Value added by manufacture. |
|----|-------------|-------------|------------|----------|---------------|-------------------------|------------|------------------|------------------------------------|----------------|-----------|--------------------|-----------------------------|
|    |             | Total.      | Services.  |          |               | Materials.              |            | Miscellaneous.   |                                    |                |           |                    |                             |
|    |             |             | Officials. | Clerks.  | Wage earners. | Fuel and rent of power. | Other.     | Rent of factory. | Taxes, including internal revenue. | Contract work. | Other.    |                    |                             |
| 1  | \$2,301,096 | \$1,260,845 | \$37,875   | \$43,799 | \$463,631     | \$10,304                | \$556,110  | \$1,980          | \$16,214                           | \$38           | \$130,804 | \$1,466,344        | \$899,930                   |
| 2  | 58,448      | 74,478      | 7,525      | 9,679    | 13,930        | 1,569                   | 35,385     | 3,740            | 534                                | -----          | 2,066     | 113,514            | 76,560                      |
| 3  | 502,670     | 917,052     | 9,338      | 25,862   | 54,982        | 5,998                   | 693,516    | 3,625            | 2,440                              | -----          | 121,293   | 1,000,938          | 301,424                     |
| 4  | 3,398,665   | 4,253,865   | 63,260     | 77,076   | 639,087       | 236,571                 | 3,041,851  | -----            | 9,974                              | -----          | 186,086   | 4,894,401          | 1,615,979                   |
| 5  | 4,114,258   | 4,287,630   | 289,218    | 459,621  | 429,394       | 17,303                  | 2,149,406  | 50,402           | 35,187                             | 63,227         | 788,372   | 5,547,515          | 3,380,306                   |
| 6  | 70,324      | 86,709      | 7,230      | 8,144    | 42,744        | 1,900                   | 12,906     | 3,087            | 90                                 | -----          | 10,558    | 104,148            | 89,342                      |
| 7  | 973,443     | 663,352     | 43,070     | 27,579   | 316,110       | 71,429                  | 134,683    | 3,118            | 8,570                              | 1,596          | 57,197    | 756,795            | 550,683                     |
| 8  | 6,675,108   | 7,133,217   | 446,123    | 818,119  | 1,965,077     | 79,607                  | 2,384,781  | 173,159          | 34,261                             | 365,580        | 866,410   | 8,359,779          | 5,895,391                   |
| 9  | 4,413,069   | 3,295,118   | 122,847    | 37,233   | 1,097,840     | 80,852                  | 1,768,277  | 12,540           | 24,353                             | 450            | 150,720   | 3,534,575          | 1,685,446                   |
| 10 | 487,503     | 459,727     | 22,815     | 9,396    | 159,943       | 11,210                  | 225,419    | -----            | 818                                | 7,143          | 22,983    | 511,968            | 275,339                     |
| 11 | 321,015     | 278,126     | 11,800     | 2,950    | 120,766       | 5,301                   | 110,188    | 8,115            | 1,839                              | -----          | 17,167    | 354,768            | 239,279                     |
| 12 | 3,807,676   | 12,853,466  | 98,278     | 166,916  | 603,512       | 131,355                 | 11,371,261 | 13,730           | 16,396                             | -----          | 452,018   | 13,682,951         | 2,180,335                   |
| 13 | 62,463      | 96,536      | 5,460      | 5,113    | 27,241        | 2,434                   | 41,361     | 1,794            | 194                                | 984            | 11,955    | 111,892            | 68,097                      |
| 14 | 753,881     | 565,965     | 40,620     | 39,601   | 209,231       | 11,576                  | 193,444    | 3,050            | 6,099                              | -----          | 62,344    | 676,193            | 471,173                     |
| 15 | 23,468      | 18,966      | 2,400      | 500      | 7,844         | 504                     | 2,882      | 3,868            | 46                                 | 264            | 658       | 20,404             | 17,018                      |
| 16 | 6,643,923   | 9,841,832   | 124,862    | 249,963  | 1,228,849     | 34,426                  | 5,631,773  | 49,415           | 1,554,222                          | 84             | 974,228   | 10,558,807         | 4,892,608                   |
| 17 | 10,169      | 13,220      | 1,700      | 800      | 3,044         | 163                     | 4,896      | 1,310            | 75                                 | -----          | 1,232     | 16,597             | 11,538                      |
| 18 | 827,463     | 1,523,749   | 21,324     | 122,947  | 167,745       | 4,702                   | 1,071,152  | 20,282           | 1,984                              | -----          | 113,633   | 1,649,810          | 573,956                     |
| 19 | 32,882,219  | 69,024,539  | 684,719    | 900,138  | 5,434,661     | 3,488,673               | 56,501,436 | 194,787          | 133,914                            | 38,134         | 1,648,077 | 73,747,441         | 13,757,332                  |

\* All other industries embrace—Continued.

|  |    |                                      |   |  |    |
|--|----|--------------------------------------|---|--|----|
| Iron and steel, steel works and rolling mills.....   | 5  | Oakum.....                           | 1 | Starch.....  | 1  |
| Iron and steel forgings.....   | 1  | Oil, not elsewhere specified.....    | 1 | Stationery goods, not elsewhere specified.....     | 1  |
| Iron and steel, nails and spikes, cut and wrought, not made in steel works or rolling mills..... | 2  | Oleomargarine.....                   | 1 | Statuary and art goods.....                        | 3  |
| Jewelry and instrument cases.....  | 1  | Paper patterns.....                  | 1 | Sugar and molasses.....                            | 1  |
| Labels and tags.....   | 3  | Paving materials.....                | 1 | Sulphuric, nitric, and mixed acids.....            | 3  |
| Lard, refined, not made in slaughtering and meat-packing establishments.....                     | 1  | Petroleum, refining.....             | 2 | Toys and games.....                                | 4  |
| Lead, bar, pipe, and sheet.....  | 1  | Pipes, tobacco.....                  | 2 | Upholstering materials.....                        | 5  |
| Looking-glass and picture frames.....  | 13 | Roofing materials.....               | 4 | Vinegar and cider.....                             | 3  |
| Malt.....  | 1  | Safes and vaults.....                | 1 | Wall plaster.....                                  | 2  |
| Mats and matting.....  | 1  | Saws.....                            | 1 | Waste.....   | 1  |
| Mineral and soda waters.....   | 53 | Show cases.....                      | 2 | Whips.....   | 1  |
| Mirrors.....   | 2  | Signs and advertising novelties..... | 2 | Window shades and fixtures.....                    | 3  |
| Mucilage and paste.....  | 2  | Smelting and refining, copper.....   | 1 | Wirework, including wire rope and cable.....       | 12 |
| Musical instruments and materials, not specified..   | 1  | Soap.....                            | 3 | Wood, turned and carved.....                       | 6  |
|  |    | Soda-water apparatus.....            | 1 | Woolen, worsted, and felt goods, and wool hats.... | 2  |
|  |    | Sporting and athletic goods.....     | 1 |  |    |

TABLE III.—DETAIL STATEMENT FOR CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES, CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES. BALTIMORE.

| INDUSTRY AND CITY.  | Number of establishments | PERSONS ENGAGED IN INDUSTRY. |                               |   |         |         |                                |        |         |        |              | WAGE EARNERS—NUMBER DEC. 15, OR NEAREST REPRESENTATIVE DAY. |           |       |         |        | Primary horse-power. |
|---|--------------------------|------------------------------|-------------------------------|---|---------|---------|--------------------------------|--------|---------|--------|--------------|---|-----------|-------|---------|--------|----------------------|
|   |                          | Total.                       | Proprietors and firm members. | Salaried officers, superintendents, and managers. | Clerks. |         | Wage earners (average number). |        |         | Total. | 16 and over. |   | Under 16. |       |         |        |                      |
|   |                          |                              |                               |   | Male.   | Female. | Total.                         | Male.  | Female. |        | Under 16.    | Male.   | Female.   | Male. | Female. |        |                      |
|   |                          |                              |                               |   |         |         |                                |        |         |        |              |   |           |       |         | Male.  |                      |
| 1 All industries .....  | 2,502                    | 83,473                       | 2,660                         | 2,054   | 5,897   | 1,418   | 71,444                         | 44,258 | 22,875  | 4,311  | 60,717       | 36,375  | 21,007    | 1,502 | 1,833   | 76,764 |                      |
| 2 Belting and hose, woven and rubber.....                                     | 4                        | 315                          | 1                             | 10  | 19      | 6       | 279                            | 62     | 177     | 40     | 268          | 60  | 170       | 3     | 35      | 305    |                      |
| 3 Boots and shoes, including cut stock and findings.                          | 14                       | 670                          | 11                            | 25  | 32      | 8       | 594                            | 350    | 188     | 50     | 599          | 353   | 190       | 38    | 18      | 252    |                      |
| 4 Bread and other bakery products.....  | 375                      | 2,323                        | 396                           | 30  | 186     | 79      | 1,632                          | 1,404  | 140     | 88     | 1,630        | 1,402   | 140       | 59    | 29      | 976    |                      |
| 5 Canning and preserving.....   | 51                       | 3,460                        | 49                            | 80  | 139     | 26      | 3,166                          | 891    | 2,057   | 218    | 4,480        | 1,261   | 2,910     | 188   | 121     | 1,283  |                      |
| 6 Carriages and wagons and materials.....                                     | 40                       | 496                          | 46                            | 23  | 11      | 3       | 413                            | 412    | .....   | 1      | 406          | 405   | .....     | 1     | .....   | 400    |                      |
| 7 Cars and general shop construction and repairs by steam-railroad companies. | 8                        | 4,481                        | .....                         | 117   | 200     | 1       | 4,103                          | 4,149  | 13      | 1      | 4,605        | 4,590   | 14        | 1     | .....   | 6,318  |                      |
| 8 Clothing, men's, including shirts.....                                      | 324                      | 20,670                       | 453                           | 221   | 1,130   | 270     | 18,596                         | 8,504  | 9,081   | 1,011  | 19,042       | 8,708   | 9,299     | 250   | 779     | 3,785  |                      |
| 9 Clothing, women's.....  | 69                       | 2,953                        | 99                            | 52  | 162     | 68      | 2,572                          | 543    | 1,975   | 54     | 2,715        | 573   | 2,085     | 4     | 53      | 348    |                      |
| 10 Confectionery.....   | 50                       | 1,867                        | 45                            | 39  | 178     | 41      | 1,564                          | 514    | 774     | 270    | 1,877        | 617   | 923       | 48    | 283     | 1,416  |                      |
| 11 Copper, tin, and sheet-iron products.....                                  | 58                       | 4,734                        | 55                            | 123   | 302     | 82      | 4,172                          | 3,153  | 579     | 440    | 4,099        | 3,098   | 569       | 321   | 111     | 4,287  |                      |
| 12 Foundry and machine-shop products.....                                     | 101                      | 4,245                        | 94                            | 148   | 247     | 37      | 3,719                          | 3,595  | 80      | 38     | 4,129        | 3,991   | 96        | 42    | .....   | 4,576  |                      |
| 13 Furniture and refrigerators.....   | 34                       | 1,358                        | 48                            | 27  | 108     | 18      | 1,157                          | 1,103  | 7       | 47     | 1,224        | 1,167   | 7         | 50    | .....   | 1,786  |                      |
| 14 Hats, straw.....   | 7                        | 1,808                        | 4                             | 31  | 56      | 23      | 1,694                          | 509    | 1,023   | 102    | 1,976        | 664   | 1,193     | 84    | 85      | 930    |                      |
| 15 Ice, manufactured.....   | 12                       | 242                          | 1                             | 31  | 12      | 3       | 195                            | 195    | .....   | .....  | 193          | 133   | .....     | ..... | .....   | 5,102  |                      |
| 16 Leather goods.....   | 35                       | 410                          | 40                            | 8   | 55      | 1       | 306                            | 273    | 13      | 20     | 304          | 271   | 13        | 19    | 1       | 181    |                      |
| 17 Leather, tanned, curried, and finished.....                                | 7                        | 85                           | 11                            | .....   | 5       | 1       | 68                             | 62     | 6       | .....  | 61           | 56  | 5         | ..... | .....   | 156    |                      |
| 18 Liquors, distilled.....  | 5                        | 127                          | .....                         | 9   | 22      | 4       | 92                             | 84     | 7       | 1      | 119          | 109   | 9         | 1     | .....   | 636    |                      |
| 19 Liquors, malt.....   | 11                       | 639                          | 5                             | 24  | 57      | 1       | 552                            | 551    | 1       | .....  | 541          | 540   | 1         | ..... | .....   | 636    |                      |
| 20 Lumber and timber products.....  | 48                       | 2,258                        | 49                            | 66  | 113     | 14      | 2,016                          | 1,787  | .....   | 229    | 2,076        | 1,840   | .....     | 236   | .....   | 3,270  |                      |
| 21 Marble and stone work.....   | 48                       | 869                          | 45                            | 32  | 43      | 7       | 742                            | 731    | 9       | 2      | 811          | 799   | 10        | 2     | .....   | 1,420  |                      |
| 22 Patent medicines and compounds and druggists' preparations.                | 71                       | 1,813                        | 53                            | 115   | 350     | 115     | 1,180                          | 414    | 741     | 25     | 1,173        | 411   | 737       | 10    | 15      | 667    |                      |
| 23 Printing and publishing.....   | 238                      | 4,157                        | 220                           | 189   | 688     | 194     | 2,860                          | 2,354  | 350     | 162    | 3,004        | 2,467   | 367       | 127   | 43      | 3,194  |                      |
| 24 Shipbuilding, including boat building.....                                 | 13                       | 616                          | 11                            | 27  | 21      | 2       | 555                            | 552    | .....   | 3      | 489          | 486   | .....     | 3     | .....   | 3,563  |                      |
| 25 Slaughtering and meat packing.....   | 48                       | 1,023                        | 57                            | 35  | 111     | 12      | 808                            | 805    | 1       | 2      | 808          | 805   | 1         | 2     | .....   | 2,611  |                      |
| 26 Tobacco manufactures.....  | 212                      | 3,849                        | 236                           | 60  | 223     | 36      | 3,294                          | 1,276  | 1,764   | 254    | 3,513        | 1,301   | 1,881     | 37    | 234     | 559    |                      |
| 27 Umbrellas and canes.....   | 9                        | 640                          | 15                            | 14  | 74      | 23      | 514                            | 132    | 841     | 41     | 575          | 145   | 381       | 20    | 28      | 85     |                      |
| 28 All other industries <sup>1</sup> .....                                    | 610                      | 17,365                       | 616                           | 518   | 1,353   | 343     | 14,535                         | 9,793  | 3,542   | 1,200  | 14,907       | 10,104  | 3,655     | 730   | 508     | 23,023 |                      |

<sup>1</sup> All other industries embrace: Artificial flowers and feathers and plumes, 3; artificial stone, 1; automobiles, including bodies and parts, 3; awnings, tents, and sails, 13; babbitt metal and solder, 2; bags, other than paper, 2; bags, paper, 3; baking powders and yeast, 6; baskets and rattan and willow ware, 17; belting and hose, leather, 2; billiard tables and materials, 1; blacking and cleansing and polishing preparations, 7; bluing, 2; boxes, cigar, 6; boxes, fancy and paper, 16; brass and bronze products, 14; brick and tile, 2; brooms, 16; brushes, 9; calcium lights, 1; card cutting and designing, 1; carpets, rag, 2; carriages and sleds, children's, 3; cars and general shop construction and repairs by steam-railroad companies, 1; chemicals, 2; clocks and watches, including cases and materials, 1; cloth, sponging and refinishing, 4; clothing, men's, button-holes, 12; coffee and spice, roasting and grinding, 15; coffins, burial cases, and undertakers' goods, 2; cooperage and wooden goods, not elsewhere specified, 14; cordage and twine and jute and linen goods, 3; cordials and sirups, 1; cork, cutting, 1; corsets, 2; cotton goods, including cotton small wares, 3; cutlery and tools, not elsewhere specified, 6; drug grinding, 3; dyeing and finishing textiles, 2; electrical machinery, apparatus, and supplies, 5; electroplating, 10; enameling and japanning, 4; engraving and diesinking, 7; engraving, wood, 1; fancy articles, not elsewhere specified, 3; fertilizers, 9; fireworks, 1; flags, banners, regalia, society badges, and emblems, 7; flavoring extracts, 12; flour-mill and gristmill products, 3; food preparations, 27; fur goods, 7; furnishing goods, men's, 23; galvanizing, 2; gas and electric fixtures and lamps and reflectors, 9; gas, illuminating and heating, 2; glass, 2; glass, cutting, staining, and ornamenting, 4; glucose and starch, 1; glue, 1; gold and silver, leaf and foil, 1; grease and tallow, 1; hair

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

|                    |    |       |    |    |     |    |       |       |     |     |       |       |     |    |    |       |
|--------------------|----|-------|----|----|-----|----|-------|-------|-----|-----|-------|-------|-----|----|----|-------|
| 1 CUMBERLAND ..... | 71 | 2,200 | 53 | 74 | 113 | 24 | 1,936 | 1,578 | 225 | 133 | 2,122 | 1,729 | 247 | 68 | 78 | 5,119 |
| 2 FREDERICK.....   | 55 | 1,184 | 68 | 27 | 56  | 12 | 1,026 | 762   | 166 | 98  | 926   | 688   | 150 | 38 | 50 | 1,989 |
| 3 HAGERSTOWN.....  | 70 | 1,938 | 79 | 46 | 78  | 17 | 1,718 | 978   | 625 | 115 | 1,806 | 1,028 | 657 | 62 | 69 | 2,068 |



# STATISTICS OF MANUFACTURES.

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AND TOTALS FOR ALL INDUSTRIES IN CITIES OF 10,000 BUT LESS THAN 50,000 INHABITANTS: 1909.

## CITIES OF 50,000 INHABITANTS OR MORE, BY INDUSTRIES.

### BALTIMORE.

|    | EXPENSES.     |               |             |             |               |                         |               |                  |                                    |                | Value of products. | Value added by manufacture. |              |
|----|---------------|---------------|-------------|-------------|---------------|-------------------------|---------------|------------------|------------------------------------|----------------|--------------------|-----------------------------|--------------|
|    | Capital.      | Total.        | Services.   |             |               | Materials.              |               | Miscellaneous.   |                                    |                |                    |                             |              |
|    |               |               | Officials.  | Clerks.     | Wage earners. | Fuel and rent of power. | Other.        | Rent of factory. | Taxes, including internal revenue. | Contract work. |                    |                             | Other.       |
| 1  | \$164,438,758 | \$168,914,786 | \$4,167,092 | \$6,403,996 | \$31,170,787  | \$2,250,977             | \$104,772,906 | \$1,539,691      | \$3,929,706                        | \$2,831,016    | \$11,848,615       | \$186,977,710               | \$79,953,827 |
| 2  | 825,720       | 1,250,324     | 27,690      | 21,095      | 87,058        | 13,108                  | 981,910       | 4,700            | 5,710                              | 109,053        | 1,317,501          | 322,483                     |              |
| 3  | 677,706       | 1,302,474     | 32,368      | 32,116      | 230,242       | 8,093                   | 904,079       | 12,835           | 3,381                              | 48,618         | 81,742             | 1,431,017                   | 518,845      |
| 4  | 2,666,076     | 5,028,715     | 43,578      | 153,945     | 750,188       | 108,942                 | 3,530,186     | 38,517           | 26,558                             | 227            | 376,574            | 5,715,502                   | 2,076,374    |
| 5  | 3,885,496     | 5,718,020     | 129,640     | 108,369     | 843,746       | 49,004                  | 4,268,082     | 46,596           | 19,585                             | 4,667          | 243,381            | 5,831,279                   | 1,514,243    |
| 6  | 641,470       | 505,020       | 29,898      | 7,295       | 234,659       | 9,115                   | 269,289       | 15,078           | 4,431                              | 1,625          | 24,230             | 732,482                     | 454,078      |
| 7  | 3,471,038     | 7,304,879     | 67,045      | 161,406     | 2,705,389     | 67,102                  | 4,316,291     | -----            | 3,201                              | -----          | 43,785             | 7,364,880                   | 2,981,487    |
| 8  | 19,283,106    | 33,628,699    | 372,132     | 1,395,484   | 7,326,304     | 139,568                 | 20,582,827    | 403,622          | 62,041                             | 2,041,241      | 1,355,480          | 36,269,212                  | 15,596,817   |
| 9  | 1,685,753     | 3,919,147     | 77,867      | 192,340     | 878,116       | 25,375                  | 2,254,108     | 66,772           | 5,732                              | 95,771         | 323,056            | 4,333,171                   | 2,053,688    |
| 10 | 2,700,836     | 4,280,080     | 122,547     | 154,913     | 468,707       | 54,162                  | 3,062,141     | 35,336           | 15,552                             | -----          | 376,722            | 5,011,253                   | 1,894,950    |
| 11 | 20,654,713    | 11,587,921    | 350,573     | 311,271     | 1,675,287     | 107,372                 | 8,064,461     | 64,250           | 45,584                             | 19,936         | 949,187            | 12,832,909                  | 4,661,076    |
| 12 | 7,862,893     | 8,049,075     | 329,335     | 214,445     | 2,205,072     | 133,820                 | 4,070,627     | 71,961           | 44,902                             | 86,422         | 892,491            | 9,078,725                   | 4,869,278    |
| 13 | 1,824,983     | 1,916,895     | 50,640      | 94,748      | 547,704       | 22,013                  | 991,521       | 41,566           | 11,783                             | 8,735          | 148,185            | 2,197,239                   | 1,183,705    |
| 14 | 2,607,298     | 3,061,417     | 149,264     | 146,371     | 687,645       | 17,431                  | 1,765,783     | 44,037           | 8,112                              | -----          | 242,771            | 3,347,330                   | 1,564,116    |
| 15 | 1,964,302     | 611,351       | 54,310      | 11,172      | 151,025       | 141,655                 | 80,455        | 4,387            | 9,431                              | -----          | 158,913            | 693,828                     | 471,718      |
| 16 | 610,078       | 841,446       | 10,060      | 44,212      | 142,634       | 4,044                   | 556,274       | 16,678           | 4,904                              | 7,656          | 54,384             | 963,019                     | 402,701      |
| 17 | 145,029       | 309,741       | -----       | 4,931       | 32,224        | 1,898                   | 246,789       | 2,996            | 833                                | -----          | 20,120             | 321,056                     | 72,410       |
| 18 | 1,371,991     | 1,493,964     | 33,498      | 35,703      | 41,527        | 24,979                  | 306,305       | 660              | 1,006,859                          | -----          | 44,433             | 1,601,616                   | 1,270,332    |
| 19 | 5,850,236     | 2,770,055     | 92,321      | 81,719      | 450,622       | 74,238                  | 831,688       | 927              | 625,600                            | -----          | 613,535            | 3,150,081                   | 2,244,150    |
| 20 | 2,852,931     | 4,380,896     | 107,859     | 98,108      | 894,423       | 14,014                  | 3,008,476     | 38,748           | 25,331                             | 1,140          | 192,797            | 4,804,873                   | 1,782,383    |
| 21 | 1,189,744     | 1,548,104     | 113,512     | 44,700      | 484,575       | 23,575                  | 734,358       | 14,223           | 6,802                              | 11,230         | 115,039            | 1,704,405                   | 946,472      |
| 22 | 4,050,157     | 4,231,974     | 288,102     | 455,911     | 425,844       | 17,426                  | 2,110,031     | 49,438           | 34,830                             | 68,227         | 773,165            | 5,470,590                   | 3,334,133    |
| 23 | 5,625,289     | 6,543,906     | 409,972     | 789,077     | 1,747,003     | 67,565                  | 2,159,574     | 158,601          | 29,691                             | 359,014        | 323,499            | 7,552,695                   | 5,325,556    |
| 24 | 2,077,571     | 794,560       | 47,501      | 19,243      | 340,326       | 14,891                  | 245,196       | 11,854           | 17,326                             | -----          | 98,223             | 871,470                     | 611,383      |
| 25 | 2,852,013     | 9,766,618     | 88,863      | 123,172     | 478,680       | 111,401                 | 8,540,744     | 7,730            | 13,532                             | -----          | 402,496            | 10,081,572                  | 1,429,427    |
| 26 | 6,442,026     | 9,600,059     | 123,860     | 245,420     | 1,167,466     | 33,452                  | 5,496,844     | 40,828           | 1,523,605                          | -----          | 968,584            | 10,270,429                  | 4,740,133    |
| 27 | 827,468       | 1,523,749     | 21,324      | 122,947     | 167,745       | 4,702                   | 1,071,152     | 20,262           | 1,984                              | -----          | 113,633            | 1,649,810                   | 573,956      |
| 28 | 60,284,840    | 36,734,497    | 992,133     | 1,333,733   | 6,007,570     | 902,032                 | 24,304,810    | 327,089          | 372,406                            | 70,507         | 2,298,217          | 42,384,766                  | 17,059,924   |

work, 2; hand stamps and stenolls and brands, 4; hat and cap materials, 1; hats and caps, other than felt, straw, and wool, 17; hats, fur-felt, 1; hosiery and knit goods, 5; house-furnishing goods, not elsewhere specified, 4; instruments, professional and scientific, 5; iron and steel forgings, 1; iron and steel, nails and spikes, cut and wrought; including wire nails, not made in steel works and rolling mills, 2; jewelry, 15; jewelry and instrument cases, 1; kaolin and ground earths, 1; labels and tags, 3; lard, refined, not made in slaughtering and meat-packing establishments, 1; lead, bar, pipe, and sheet, 1; lime, 2; looking-glass and picture frames, 13; malt, 1; mattresses and spring beds, 16; millinery and lace goods, 14; mineral and soda waters, 26; mirrors, 2; models and patterns, not including paper patterns, 9; muclage and paste, 2; musical instruments and materials, not specified, 1; musical instruments, pianos and organs and materials, 8; oakum, 1; oil, not elsewhere specified, 2; oleomargarine, 1; optical goods, 4; paint and varnish, 11; paper patterns, 1; photo-engraving, 4; pipes, tobacco, 2; pottery, terra-cotta and fire-clay products, 7; roofing materials, 4; safes and vaults, 1; saws, 1; show cases, 2; signs and advertising novelties, 2; silverware and plated ware, 10; soap, 3; soda-water apparatus, 1; sporting and athletic goods, 1; statuary and art goods, 3; stereotyping and electrotyping, 5; stoves and furnaces, including gas and oil stoves, 5; sugar and molasses, 1; sulphuric, nitric, and mixed acids, 1; surgical appliances and artificial limbs, 4; toys and games, 4; type founding and printing materials, 3; upholstering materials, 3; vinegar and cider, 1; waste, 1; window shades and fixtures, 3; wirework, including wire rope and cable, 11; wood, turned and carved, 5.

### CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

|   |             |             |           |          |           |          |             |         |          |          |           |             |             |
|---|-------------|-------------|-----------|----------|-----------|----------|-------------|---------|----------|----------|-----------|-------------|-------------|
| 1 | \$4,004,876 | \$4,271,572 | \$112,140 | \$72,811 | \$947,760 | \$81,540 | \$2,594,563 | \$7,436 | \$71,409 | \$21,448 | \$362,475 | \$4,534,077 | \$1,857,974 |
| 2 | 2,389,559   | 2,643,187   | 36,794    | 60,585   | 360,543   | 48,564   | 2,026,197   | 6,909   | 12,908   | 965      | 89,822    | 2,910,943   | 836,182     |
| 3 | 2,969,580   | 2,762,519   | 45,234    | 70,754   | 682,586   | 56,674   | 1,741,235   | 9,193   | 31,033   | 47,666   | 178,144   | 3,197,242   | 1,399,333   |

## CHAPTER 5.

### MINES AND QUARRIES.

**Introduction.**—The present chapter contains a complete statement of the statistics of all mining industries, which include all mines and quarries, in the state of Maryland for the year 1909, as shown by the Thirteenth Census.

A brief explanation of the scope of the census of mining industries and of the terms used, in so far as the usage differs from that followed in the census of manufactures, is presented below in order to prevent any misinterpretation of the statistics.

The explanations here given show the usage of the mining census generally, though some of the special rules have obviously no relation to particular states in which the industries referred to do not exist:

**Scope of census.**—The Thirteenth Census covered all classes of mines, quarries, and petroleum and gas wells that were in operation during any portion of the year 1909, both those which were producing and those whose operations were confined to development work. Mines, quarries, or wells that were idle during the entire year 1909 were omitted from the canvass. The following operations were likewise omitted from the canvass: Prospecting; the digging or dredging of sand and gravel for the construction of roads and for building operations; the production of mineral waters; and the operation of small bituminous coal banks producing less than 1,000 tons annually. Where the mineral products are not marketed in their crude condition, but are dressed or washed at the mine or quarry, the statistics of mining cover the entire work of obtaining the crude material and its preparation for the market.

**Period covered.**—The returns cover the calendar year 1909, or the business year which corresponds most nearly to that calendar year. The statistics cover a year's operations, except for enterprises which began or discontinued business during the year.

**Number of operators.**—As a rule, the unit of enumeration was the "operator." Every individual firm or corporation was required to furnish one report for all mines, quarries, or wells which were operated under the same management or for which one set of books of account was kept. Separate reports were obtained for all properties operated in different states, even where they were owned by the same operator. Likewise, where the operations of one individual, firm, or corporation covered more than one class of mines and quarries, such as coal, iron, limestone, etc., a separate report was received for each industry.

**Number of mines, quarries, and wells.**—This figure represents the total number of mines and quarries in operation or in the course of development at any time during the calendar year 1909, or the business year that corresponds most nearly to that calendar year, and the number of completed petroleum and natural-gas wells in operation on December 31, 1909.

In most mining and quarrying industries the number of mines or quarries varies but little from the number of operators.

**Expenses of operation and development.**—A certain amount of development work is incidental to the operation of every mine. The expenses reported for producing mines include the cost both of operation and of development work which was done in connection with operation.

**Wages.**—The amount shown as wages includes only the compensation of regular wage earners hired by the day, week, or month, or under the piecework system.

**Supplies and materials.**—This item includes the cost of lumber and timber used for repairs, mine supports, track ties, etc.; iron and steel for blacksmithing; rails, frogs, sleepers, etc., for tracks and repairs; renewals of tools and machinery and materials for repairs; and supplies, explosives, oil, etc., as well as the cost of fuel and the rent of power. The schedule called only for the cost of such supplies and materials as had been used during the year covered by the report. Accurate figures, however, could be furnished only in those cases where the operators kept an account of supplies and materials used, or had an inventory made of all in stock at the beginning and at the end of the year. Such a system of accounting is far from general among mine operators, and there is reason to believe that in many cases the reported cost of supplies and materials covered all purchased during the year rather than those used during the year. The crude product of some operators was purchased by others for further dressing or refining; the cost of such materials is shown separately in the general table.

**Capital.**—The census schedule required every operator to state the total amount of capital invested in the enterprise on the last day of the business year reported, as shown by his books. There is, however, a great diversity in the methods of bookkeeping in use by different operators. As a result, the statistics for capital lack uniformity. Some of the figures reported apparently represent capital stock at face value; others include large investments in mineral lands which are not at present being actively mined, but are held in reserve; still others may include expenditures for unproductive mining ventures in no way related to the operations carried on during the census year.

**Persons engaged in mining industries.**—The statistics of the number of operators and officials, clerks, and wage earners are based on the returns for December 15, or the nearest representative day. The reported number of wage earners includes overseers and foremen performing work similar to that of the men over whom they have charge; those whose duties are wholly supervisory are classed as superintendents and managers. Because of the common practice of shutting down mines at frequent intervals, it is impossible to ascertain with any satisfactory degree of accuracy the average number of employees—that is, the number who, if continuously employed, would be required to produce the actual output of the year.

**Value of products.**—Statistics of the value of mineral products were obtained by the Bureau of the Census in cooperation with the United States Geological Survey, but the two bureaus follow different methods in presenting these statistics. The Geological Survey shows separately the value of each mineral product, whereas the Bureau of the Census presents the value of products of each mining industry. The value of products given for a mining industry often includes the value of some products not covered by the industry designation. The crude product of metalliferous mines may include varying combinations of metals, such as gold, silver, copper, lead, zinc, and iron. Similarly, the total value of all products of the granite quarries is not identical with the value of the total output of granite, but may include the value of some marble or other stone quarried in connection with the principal product.

The value of products for 1909 in most cases represents the value of the products marketed during that year, not the value of those mined during that year.

## MINING IN MARYLAND.

**Summary.**—Statistics for all producing mining enterprises in the state of Maryland are presented in Table 7 which gives statistics for all industries combined and for each industry separately except copper, marble, mineral pigments, and talc and soapstone, which could not be given separately without disclosing the operations of an individual enterprise. For the same reason it was necessary to omit entirely the reports from two operators engaged in development work only.

The value of the products of all mines and quarries in Maryland, in 1909, was \$5,782,045. Of this amount \$4,483,137, or 77.5 per cent, represented the value of the products of bituminous coal mines, and \$1,075,726, or 18.6 per cent, represented the value of the products of all stone quarries.

For the five enterprises shown in column "All other" of Table 7 the expenses of operation and development exceeded the value of the products. This was due in part to unprofitable mining ventures and in part to expenditures for development work resulting in permanent improvements to the mining properties.

**Character of organization.**—Table 1 classifies the producing mining operations of the state under form of organization, distinguishing corporations from individual owners and firms, while Table 2 gives further details for incorporated enterprises distinguished from those which are unincorporated.

| INDUSTRY AND CHARACTER OF ORGANIZATION. | Number of operators. | Number of wage earners. | Value of products. |                 | Per cent distribution. |               |                    |
|---|----------------------|-------------------------|--------------------|-----------------|------------------------|---------------|--------------------|
|   |                      |                         | Total.             | Per operator.   | Operators.             | Wage earners. | Value of products. |
| <b>All industries.....</b>              | <b>129</b>           | <b>7,745</b>            | <b>\$5,782,045</b> | <b>\$45,889</b> | <b>100.0</b>           | <b>100.0</b>  | <b>100.0</b>       |
| Individual.....                         | 42                   | 523                     | 319,586            | 7,609           | 33.3                   | 6.8           | 5.5                |
| Firm.....                               | 24                   | 320                     | 265,406            | 11,059          | 19.0                   | 4.1           | 4.6                |
| Corporation.....                        | 60                   | 6,902                   | 5,197,053          | 85,618          | 47.6                   | 89.1          | 89.9               |
| <b>Bituminous coal.....</b>             | <b>40</b>            | <b>5,798</b>            | <b>4,483,137</b>   | <b>112,078</b>  | <b>100.0</b>           | <b>100.0</b>  | <b>100.0</b>       |
| Individual.....                         | 10                   | 147                     | 78,390             | 7,839           | 25.0                   | 2.5           | 1.7                |
| Firm.....                               | 6                    | 59                      | 35,028             | 5,838           | 15.0                   | 1.0           | 0.8                |
| Corporation.....                        | 24                   | 5,592                   | 4,369,719          | 182,072         | 60.0                   | 96.4          | 97.5               |

<sup>1</sup> Includes 1 establishment operated by an administrator.

|   | Incorporated. | Unincorporated. |
|---|---------------|-----------------|
| Number of operators.....  | 60            | 66              |
| Number of mines and quarries.....                               | 95            | 78              |
| Proprietors and firm members, total.....                        |               | 101             |
| Number performing manual labor.....                             |               | 48              |
| Salaried employees:   |               |                 |
| Officers of corporations.....                                   | 52            |                 |
| Superintendents and managers.....                               | 112           | 14              |
| Clerks and other salaried employees.....                        | 164           | 13              |
| Wage earners, Dec. 15, 1909, or nearest representative day..... | 6,002         | 843             |
| Capital.....  | \$24,731,540  | \$438,129       |
| Expenses of operation and development.....                      | 4,615,773     | 300,384         |
| Salaries—   |               |                 |
| Officers of corporations.....                                   | 64,580        |                 |
| Superintendents and managers.....                               | 114,482       | 17,547          |
| Clerks and other salaried employees.....                        | 124,648       | 7,190           |
| Wages.....  | 3,085,072     | 254,010         |
| Royalties and rent of mines.....                                | 111,132       | 22,654          |
| Taxes.....  | 86,497        | 2,062           |
| Supplies and miscellaneous expenses.....                        | 1,029,362     | 86,321          |
| Value of products.....  | 5,197,053     | 584,092         |

Out of a total of 126 operators, 60, or 47.6 per cent, were corporations. These corporations reported 89.9 per cent of the total value of products and employed 89.1 per cent of all wage earners.

**Size of enterprises.**—Table 3 classifies the producing mining enterprises of the state according to the number of wage earners employed per enterprise or operating unit. Of the 7,745 wage earners employed in all enterprises, 5,358, or 69.2 per cent, were employed in the 15 enterprises employing over 100 wage earners each.

| INDUSTRY AND WAGE EARNERS PER ENTERPRISE. | Enterprises. |                        | Wage earners. |                        |
|---|--------------|------------------------|---------------|------------------------|
|   | Number.      | Per cent distribution. | Number.       | Per cent distribution. |
| <b>All industries.....</b>                | <b>129</b>   | <b>100.0</b>           | <b>7,745</b>  | <b>100.0</b>           |
| No wage earners.....                      | 5            | 3.9                    |               |                        |
| Contract work.....                        | 3            | 2.3                    |               |                        |
| 1 to 5.....                               | 30           | 23.3                   | 101           | 1.3                    |
| 6 to 20.....                              | 38           | 29.5                   | 442           | 5.7                    |
| 21 to 50.....                             | 24           | 18.6                   | 842           | 10.9                   |
| 51 to 100.....                            | 14           | 10.9                   | 1,002         | 12.9                   |
| Over 100.....                             | 15           | 11.6                   | 5,358         | 69.2                   |
| <b>Bituminous coal.....</b>               | <b>43</b>    | <b>100.0</b>           | <b>5,798</b>  | <b>100.0</b>           |
| 1 to 5.....                               | 12           | 27.9                   | 39            | 0.7                    |
| 6 to 20.....                              | 3            | 7.0                    | 23            | 0.4                    |
| 21 to 50.....                             | 9            | 20.9                   | 336           | 5.8                    |
| 51 to 100.....                            | 7            | 16.3                   | 501           | 8.6                    |
| Over 100.....                             | 12           | 27.9                   | 4,809         | 84.5                   |

**Prevailing hours of labor.**—In Table 4 all producing enterprises, except those employing no wage earners and those operated exclusively by contract work, have been classified according to the prevailing hours of labor per day in each enterprise or operating unit. The table shows the percentage of the total number of enterprises falling in each group, and also a per cent distribution in which each enterprise has been given a weight according to the total number of wage earners employed December 15, 1909, or the nearest representative day. It should be borne in mind that this latter distribution does not show the exact proportion of the total number of wage earners working the specified number of hours per day, since, in some cases, a part of the employees worked a greater or less number of hours than those generally prevailing in the enterprise. For all industries combined, and for enterprises engaged in the production of bituminous coal, the most important industry, a day of 10 hours prevailed.

| INDUSTRY AND HOURS PER DAY. | Enterprises. |                        | Per cent distribution of enterprises weighted according to number of wage earners. |
|-----------------------------|--------------|------------------------|--|
|                             | Number.      | Per cent distribution. |  |
| <b>All industries.....</b>  | <b>121</b>   | <b>100.0</b>           | <b>100.0</b>   |
| 8 hours and under.....      | 12           | 9.9                    | 1.8  |
| 9 hours.....                | 22           | 18.2                   | 13.9   |
| 10 hours.....               | 87           | 71.9                   | 84.3   |
| <b>Bituminous coal.....</b> | <b>43</b>    | <b>100.0</b>           | <b>100.0</b>   |
| 8 hours and under.....      | 6            | 14.0                   | 0.4  |
| 9 hours.....                | 6            | 14.0                   | 12.7   |
| 10 hours.....               | 31           | 72.1                   | 86.9   |

**Engines and power.**—As shown by Table 5, the aggregate horsepower employed in the producing mining enterprises of the state was 18,118, of which 17,615 was developed by engines and water wheels owned by the enterprises using them, and 503 horsepower by electric motors operated by purchased current.

**Table 5**

| CHARACTER OF POWER.   | PRODUCING ENTERPRISES: 1909 |                  |          |            |            |
|---|-----------------------------|------------------|----------|------------|------------|
|   | Total.                      | Bituminous coal. | Granite. | Trap-rock. | All other. |
| <b>Primary power:</b>   |                             |                  |          |            |            |
| Aggregate horsepower..  | 18,118                      | 9,845            | 3,233    | 1,442      | 3,598      |
| Owued.....  | 17,615                      | 9,830            | 3,233    | 1,367      | 3,185      |
| Steam engines—  |                             |                  |          |            |            |
| Number.....   | 352                         | 194              | 75       | 23         | 60         |
| Horsepower.....   | 17,262                      | 9,795            | 3,225    | 1,367      | 2,875      |
| Gas or gasoline engines—                                      |                             |                  |          |            |            |
| Number.....   | 3                           | 2                | 1        |            |            |
| Horsepower.....   | 43                          | 35               | 8        |            |            |
| Water wheels—   |                             |                  |          |            |            |
| Number.....   | 5                           |                  |          |            | 5          |
| Horsepower.....   | 310                         |                  |          |            | 310        |
| Electric motors operated by purchased current—                |                             |                  |          |            |            |
| Number.....   | 27                          | 3                |          | 3          | 21         |
| Horsepower.....   | 503                         | 15               |          | 75         | 413        |
| Electric motors run by current generated by enterprise using: |                             |                  |          |            |            |
| Number.....   | 40                          | 40               |          |            |            |
| Horsepower.....   | 1,273                       | 1,273            |          |            |            |

**Comparison of mining industries: 1902-1909.**—In order to make comparisons between 1909 and 1902 it is necessary to omit from the 1902 figures, as given in the mines and quarries report for that year, statistics

for the production of cement and enterprises operated by governmental institutions; to omit from the 1909 figures, as they appear in other tables in this chapter, the value of the by-products of bituminous coal mines; and to add to the 1909 statistics, figures for the production of lime, which were omitted from the census of mines and quarries in 1909. Such items as are comparable for the two years are presented in Table 6.

**Table 6**

|                                  | PRODUCING ENTERPRISES. |             |                                    |
|----------------------------------|------------------------|-------------|------------------------------------|
|                                  | 1909                   | 1902        | Per cent of increase. <sup>1</sup> |
| Wages and salaries.....          | \$3,816,561            | \$4,696,260 | -18.7                              |
| Supplies and materials.....      | \$714,571              | \$807,796   | -11.5                              |
| Royalties and rent of mines..... | \$136,772              | \$141,570   | -3.4                               |
| Contract work.....               | \$11,148               | \$8,499     | 31.2                               |
| Value of products.....           | \$6,164,122            | \$7,162,113 | -13.9                              |
| Primary horsepower.....          | 19,060                 | 12,400      | 53.7                               |

<sup>1</sup> A minus sign (-) denotes decrease.

**Duplication between manufactures and mining.**—In the production of granite, quartz, slate, and talc and soapstone some of the operators subjected the products obtained to certain manufacturing processes on the premises before marketing. These enterprises have been included in the statistics both for manufactures and for mining. As a result of this fact, the combined value of products for the manufacturing and mining industries in Maryland involves a duplication of \$495,069.

## DETAILED STATISTICS FOR MINING INDUSTRIES: 1909.

Table 7

## PRODUCING MINES AND QUARRIES.

|   | Total.             | Bituminous coal.   | Iron.           | Granite.         | Traprock.        | Limestone.       | Slate.           | Sandstone.      | Quartz.         | Clay (sold as such). | Feldspar.       | All other. <sup>1</sup> |
|---|--------------------|--------------------|-----------------|------------------|------------------|------------------|------------------|-----------------|-----------------|----------------------|-----------------|-------------------------|
| Number of operators.....  | 126                | 40                 | 12              | 16               | 14               | 10               | 6                | 4               | 5               | 11                   | 3               | 5                       |
| Number of mines and quarries.....                                     | 173                | 70                 | 13              | 23               | 15               | 14               | 6                | 4               | 5               | 12                   | 5               | 6                       |
| Capital <sup>2</sup> .....  | \$25,169,078       | \$22,871,136       | \$62,658        | \$486,918        | \$304,125        | \$254,361        | \$538,500        | \$42,923        | \$94,707        | \$78,450             | \$2,400         | \$133,900               |
| <b>Expenses of operation and development.....</b>                     | <b>\$5,006,157</b> | <b>\$3,941,359</b> | <b>\$41,106</b> | <b>\$483,124</b> | <b>\$214,380</b> | <b>\$50,109</b>  | <b>\$110,536</b> | <b>\$16,065</b> | <b>\$29,042</b> | <b>\$23,971</b>      | <b>\$13,217</b> | <b>\$83,248</b>         |
| Services:   |                    |                    |                 |                  |                  |                  |                  |                 |                 |                      |                 |                         |
| Salaried officers of corporations, superintendents, and managers..... | \$196,609          | \$111,261          | \$2,520         | \$38,640         | \$13,196         | \$2,421          | \$10,340         | \$1,025         | \$4,520         | \$2,520              | .....           | \$10,160                |
| Clerks and other salaried employees.....                              | \$131,838          | \$110,855          | \$810           | \$12,209         | \$2,426          | \$780            | \$1,010          | \$1,000         | \$1,000         | .....                | .....           | \$2,748                 |
| Wage earners.....   | \$3,339,082        | \$2,713,294        | \$24,989        | \$292,120        | \$114,532        | \$37,472         | \$78,545         | \$11,909        | \$12,178        | \$12,478             | \$5,810         | \$36,355                |
| Miscellaneous:  |                    |                    |                 |                  |                  |                  |                  |                 |                 |                      |                 |                         |
| Supplies.....   | \$478,555          | \$372,508          | \$3,893         | \$33,353         | \$43,886         | \$5,099          | \$5,703          | \$1,360         | \$737           | \$4,937              | \$371           | \$6,806                 |
| Fuel and rent of power.....   | \$104,150          | \$35,719           | \$4,010         | \$23,071         | \$12,479         | \$2,654          | \$11,343         | \$323           | \$5,080         | \$397                | \$140           | \$7,140                 |
| Royalties and rent of mines.....                                      | \$133,780          | \$95,757           | \$1,343         | \$15,509         | \$7,269          | \$1,035          | \$1,700          | \$287           | \$900           | \$535                | \$2,291         | \$7,364                 |
| Taxes.....  | \$88,559           | \$79,728           | \$582           | \$2,019          | \$955            | \$374            | \$1,343          | \$43            | \$497           | \$496                | .....           | \$1,924                 |
| Contract work.....  | \$8,303            | \$1,653            | \$395           | .....            | .....            | .....            | .....            | .....           | \$2,355         | .....                | \$3,900         | .....                   |
| Rent of offices and other sundry expenses.....                        | \$524,609          | \$420,586          | \$1,904         | \$65,003         | \$10,037         | \$1,054          | \$686            | \$108           | \$1,469         | \$2,008              | \$805           | \$10,749                |
| <b>Value of products.....</b>   | <b>\$5,782,045</b> | <b>\$4,483,137</b> | <b>\$44,341</b> | <b>\$556,476</b> | <b>\$230,384</b> | <b>\$143,258</b> | <b>\$129,538</b> | <b>\$16,070</b> | <b>\$61,078</b> | <b>\$31,664</b>      | <b>\$27,161</b> | <b>\$58,938</b>         |
| <b>Persons engaged in industry.....</b>                               | <b>8,201</b>       | <b>6,069</b>       | <b>146</b>      | <b>781</b>       | <b>531</b>       | <b>159</b>       | <b>236</b>       | <b>44</b>       | <b>45</b>       | <b>78</b>            | <b>24</b>       | <b>88</b>               |
| Proprietors and officials.....  | 279                | 130                | 20              | 41               | 27               | 14               | 13               | 4               | 3               | 13                   | 1               | 8                       |
| Proprietors and firm members.....                                     | 101                | 28                 | 18              | 15               | 11               | 12               | .....            | 2               | 3               | 10                   | 1               | 1                       |
| Number performing manual labor.....                                   | 48                 | 13                 | 13              | 4                | 6                | 4                | .....            | .....           | .....           | 6                    | 1               | 1                       |
| Salaried officers of corporations.....                                | 52                 | 20                 | .....           | 12               | 5                | .....            | 7                | .....           | 2               | 1                    | .....           | 5                       |
| Superintendents and managers.....                                     | 120                | 82                 | 2               | 14               | 11               | 2                | 0                | 2               | 3               | 2                    | .....           | 2                       |
| Clerks and other salaried employees.....                              | 177                | 141                | 1               | 20               | 6                | .....            | 1                | 2               | 2               | .....                | .....           | 4                       |
| Wage earners, Dec. 15, 1909, or nearest representative day.....       | 7,745              | 5,798              | 125             | 720              | 498              | 145              | 222              | 38              | 35              | 65                   | 23              | 76                      |
| Above ground.....   | 2,841              | 972                | 125             | 720              | 498              | 145              | 161              | 38              | 35              | 57                   | 23              | 67                      |
| Below ground.....   | 4,904              | 4,826              | .....           | .....            | .....            | .....            | 61               | .....           | .....           | 8                    | .....           | 9                       |
| Men 16 years of age and over.....                                     | 7,556              | 5,634              | 114             | 712              | 497              | 144              | 220              | 38              | 35              | 63                   | 23              | 76                      |
| Engineers, firemen, mechanics, etc. Above ground.....                 | 407                | 252                | 6               | 66               | 28               | 4                | 29               | 4               | 3               | 3                    | 2               | 10                      |
| Below ground.....   | 305                | 212                | 6               | 66               | 28               | 4                | 27               | 4               | 3               | 3                    | 2               | 10                      |
| Miners, miners' helpers, quarrymen, and stonecutters.....             | 5,242              | 3,893              | 65              | 553              | 454              | 43               | 151              | 26              | 7               | 33                   | 21              | 56                      |
| Above ground.....   | 1,338              | .....              | 65              | 553              | 454              | 43               | 97               | 26              | 7               | 25                   | 21              | 47                      |
| Below ground.....   | 3,904              | 3,893              | .....           | .....            | .....            | .....            | 54               | .....           | .....           | 8                    | .....           | 9                       |
| All other employees.....  | 1,907              | 1,549              | 43              | 93               | 15               | 97               | 40               | 8               | 25              | 27                   | .....           | 10                      |
| Above ground.....   | 1,092              | 739                | 43              | 93               | 15               | 97               | 35               | 8               | 25              | 27                   | .....           | 10                      |
| Below ground.....   | 815                | 810                | .....           | .....            | .....            | .....            | 5                | .....           | .....           | .....                | .....           | .....                   |
| Boys under 16 years of age <sup>3</sup> .....                         | 189                | 164                | 11              | 8                | 1                | 1                | 2                | .....           | .....           | 2                    | .....           | .....                   |
| <b>Number of wage earners employed on the 15th of each month:</b>     |                    |                    |                 |                  |                  |                  |                  |                 |                 |                      |                 |                         |
| January.....  | 7,003              | 5,825              | 110             | 549              | 91               | 62               | 216              | 25              | 28              | 24                   | 18              | 55                      |
| February.....   | 6,981              | 5,753              | 106             | 579              | 106              | 50               | 217              | 18              | 28              | 51                   | 18              | 55                      |
| March.....  | 7,020              | 5,716              | 111             | 540              | 164              | 58               | 219              | 22              | 35              | 61                   | 23              | 65                      |
| April.....  | 7,040              | 5,570              | 110             | 600              | 240              | 75               | 223              | 17              | 35              | 71                   | 23              | 70                      |
| May.....  | 7,061              | 5,528              | 117             | 631              | 275              | 93               | 227              | 17              | 32              | 53                   | 18              | 70                      |
| June.....   | 7,184              | 5,533              | 119             | 733              | 284              | 93               | 224              | 27              | 32              | 51                   | 18              | 70                      |
| July.....   | 7,212              | 5,383              | 114             | 765              | 412              | 107              | 224              | 37              | 32              | 47                   | 18              | 73                      |
| August.....   | 7,127              | 5,257              | 120             | 791              | 423              | 122              | 223              | 30              | 32              | 38                   | 18              | 73                      |
| September.....  | 7,362              | 5,409              | 121             | 777              | 502              | 123              | 223              | 36              | 32              | 51                   | 18              | 73                      |
| October.....  | 7,421              | 5,445              | 125             | 783              | 513              | 127              | 223              | 32              | 32              | 53                   | 23              | 65                      |
| November.....   | 7,434              | 5,505              | 125             | 741              | 490              | 101              | 195              | 45              | 35              | 54                   | 23              | 66                      |
| December.....   | 7,432              | 5,772              | 128             | 707              | 293              | 132              | 195              | 35              | 35              | 52                   | 23              | 60                      |
| <b>Land controlled, acres.....</b>                                    | <b>109,419</b>     | <b>92,814</b>      | <b>10,580</b>   | <b>885</b>       | <b>1,159</b>     | <b>884</b>       | <b>378</b>       | <b>343</b>      | <b>555</b>      | <b>456</b>           | <b>637</b>      | <b>728</b>              |
| Owned.....  | 102,189            | 88,129             | 10,490          | 620              | 290              | 871              | 364              | 124             | 530             | 447                  | .....           | 312                     |
| Held under lease.....   | 7,230              | 4,685              | 90              | 259              | 803              | 13               | 14               | 219             | 25              | 9                    | 637             | 416                     |
| Mineral land.....   | 73,564             | 68,220             | 180             | 470              | 1,125            | 884              | 378              | 343             | 235             | 456                  | 637             | 630                     |
| Owned.....  | 66,595             | 63,590             | 90              | 357              | 282              | 871              | 364              | 124             | 210             | 447                  | .....           | 254                     |
| Held under lease.....   | 6,969              | 4,624              | 90              | 119              | 843              | 13               | 14               | 219             | 25              | 9                    | 637             | 376                     |
| Timber land.....  | 18,519             | 8,345              | 10,000          | 40               | .....            | .....            | .....            | .....           | 120             | .....                | .....           | 14                      |
| Other land.....   | 17,336             | 16,249             | 400             | 369              | 34               | .....            | .....            | .....           | 200             | .....                | .....           | 84                      |
| <b>Primary horsepower.....</b>  | <b>18,118</b>      | <b>9,845</b>       | <b>391</b>      | <b>3,233</b>     | <b>1,442</b>     | <b>287</b>       | <b>942</b>       | <b>175</b>      | <b>545</b>      | <b>203</b>           | <b>10</b>       | <b>1,045</b>            |

<sup>1</sup> Includes operators distributed as follows: Copper, 1; marble, 2; mineral pigments, 1; talc and soapstone, 1.<sup>2</sup> Exclusive of capital which could not be distributed by states because it was reported in one lump sum by operators having mining investments in two or more states.<sup>3</sup> In the bituminous coal industry 143 boys were employed below ground.